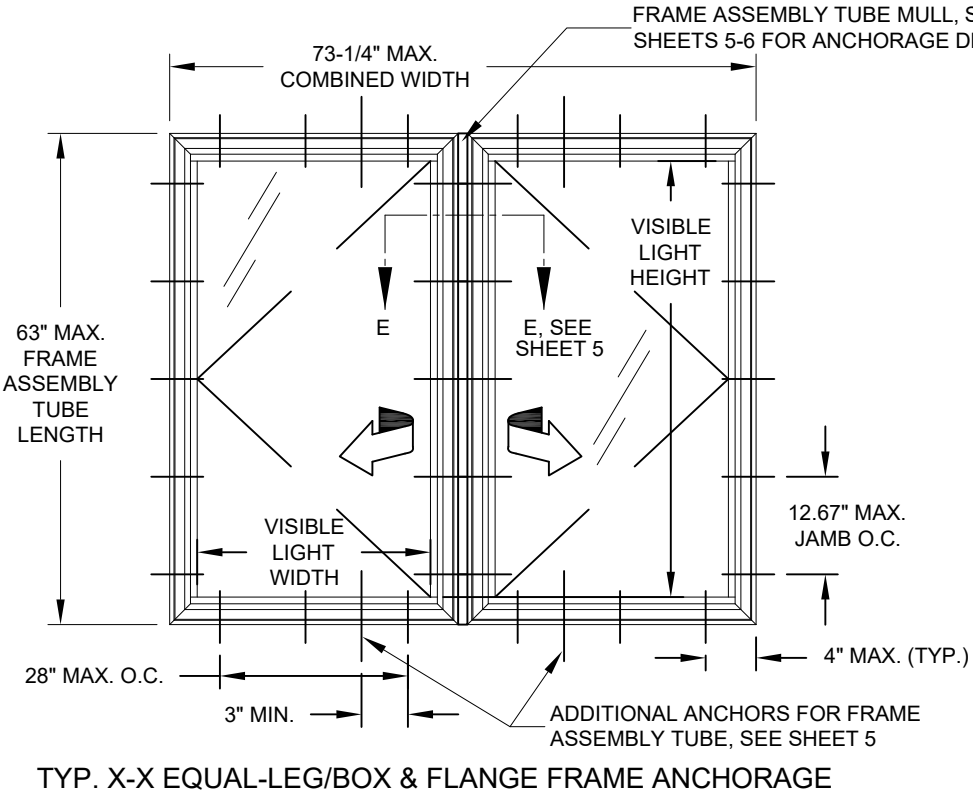
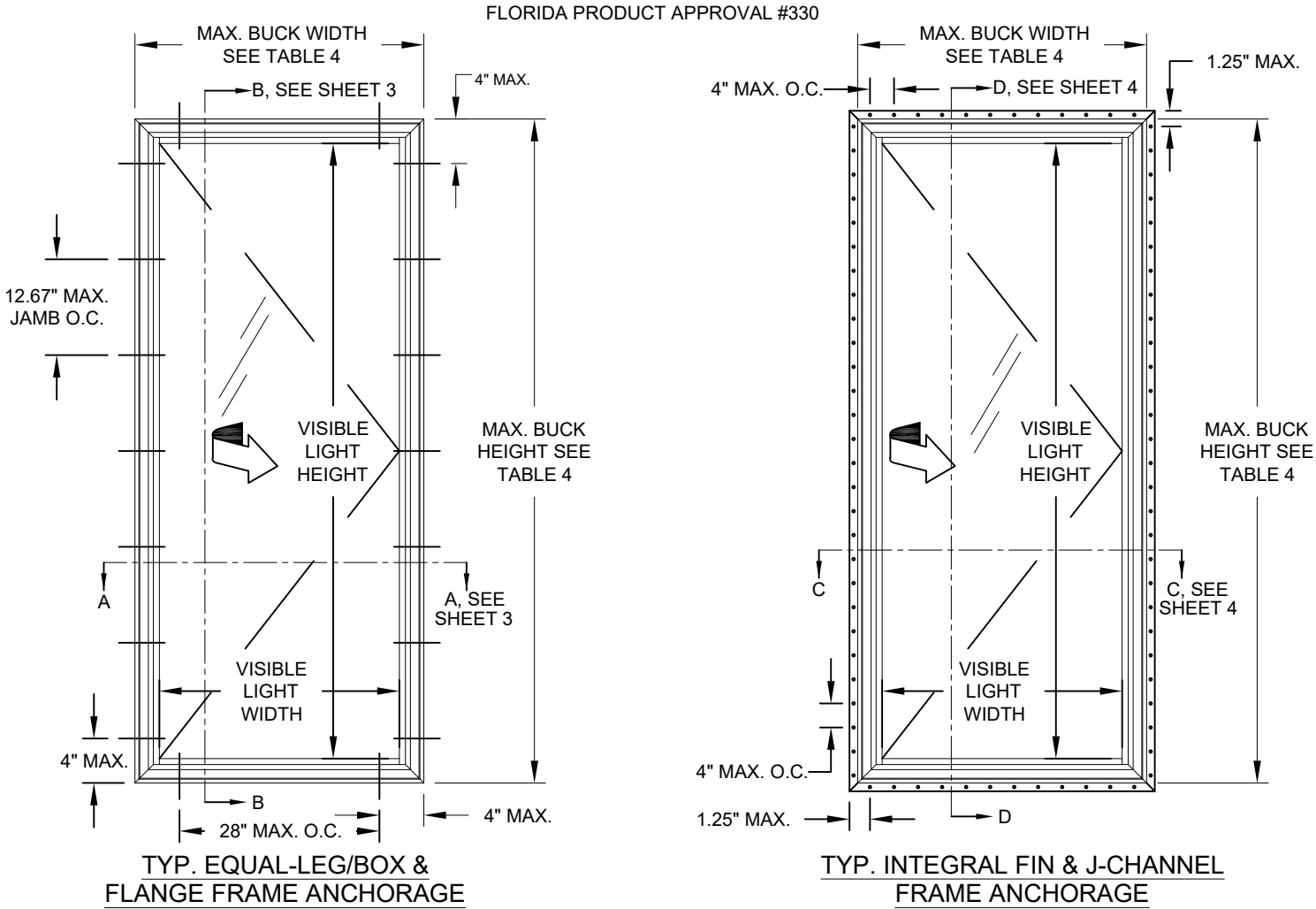


SERIES CA5540 WITH MONOLITHIC-LAMINATED GLASS
IMPACT RESISTANT VINYL CASEMENT WINDOW

- 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.
- 9) FRAME FLANGES OR INTEGRAL FINNS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

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 & ELEVATIONS.....	1
FRAME, GLASS & ANCHOR OPTIONS.....	2
INSTALLATION, FLANGE & EQUAL LEG.....	3
INSTALLATION, INTEGRAL FIN & J-CHANNEL.....	4
FRAME ASSEMBLY TUBE.....	5-6
DESIGN PRESSURES.....	7
HARDWARE.....	8
BOM & ASSEMBLY.....	9

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



DESIGN PRESSURE RATING
+65.0/-70.0 PSF
WATER TEST PRESSURE
15% OF (+) DP
IMPACT RATING
LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D

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.	
REGISTRATION #29296		VINYL CASEMENT WINDOW	09/09/26
		GENERAL NOTES & ELEVATION	JENS ROSOWSKI
Series	CA5540	DWG No.	CA5540-LM-HVHZ-ML
Desc.	1 OF 9	By	
Title	Sheet	Date	

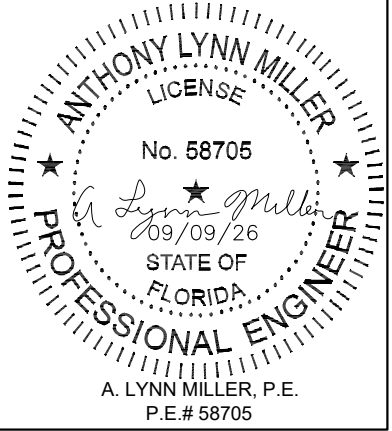


TABLE 1:

Glass Type	Description	Table #	Sheet #
1	7/16" Lami (3/16" A - .090" PVB - 3/16" A)	4	7
2	7/16" Lami (3/16" H - .090" PVB - 3/16" H)	4	7

"A" = ANNEALED
"H" = HEAT STRENGTHENED
"PVB" = .090" TROSIFOL® PVB
BY KURARAY AMERICA, INC.

TABLE 2: ANCHORS INSTALLED THROUGH THE FRAME

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

1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

2) ALL SCREWHEAD TYPES ARE APPLICABLE.

3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.

4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.

5) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

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

1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

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FRAME & VENT
CORNERS
WITH
INTERIOR AND
EXTERIOR
WELDS

EXTERIOR

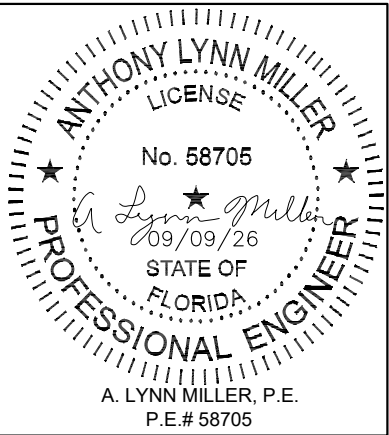
VENT
ASSEMBLY
DETAIL

SCREEN
ASSEMBLY
DETAIL

EXTERIOR

TYP. GLAZING DETAIL

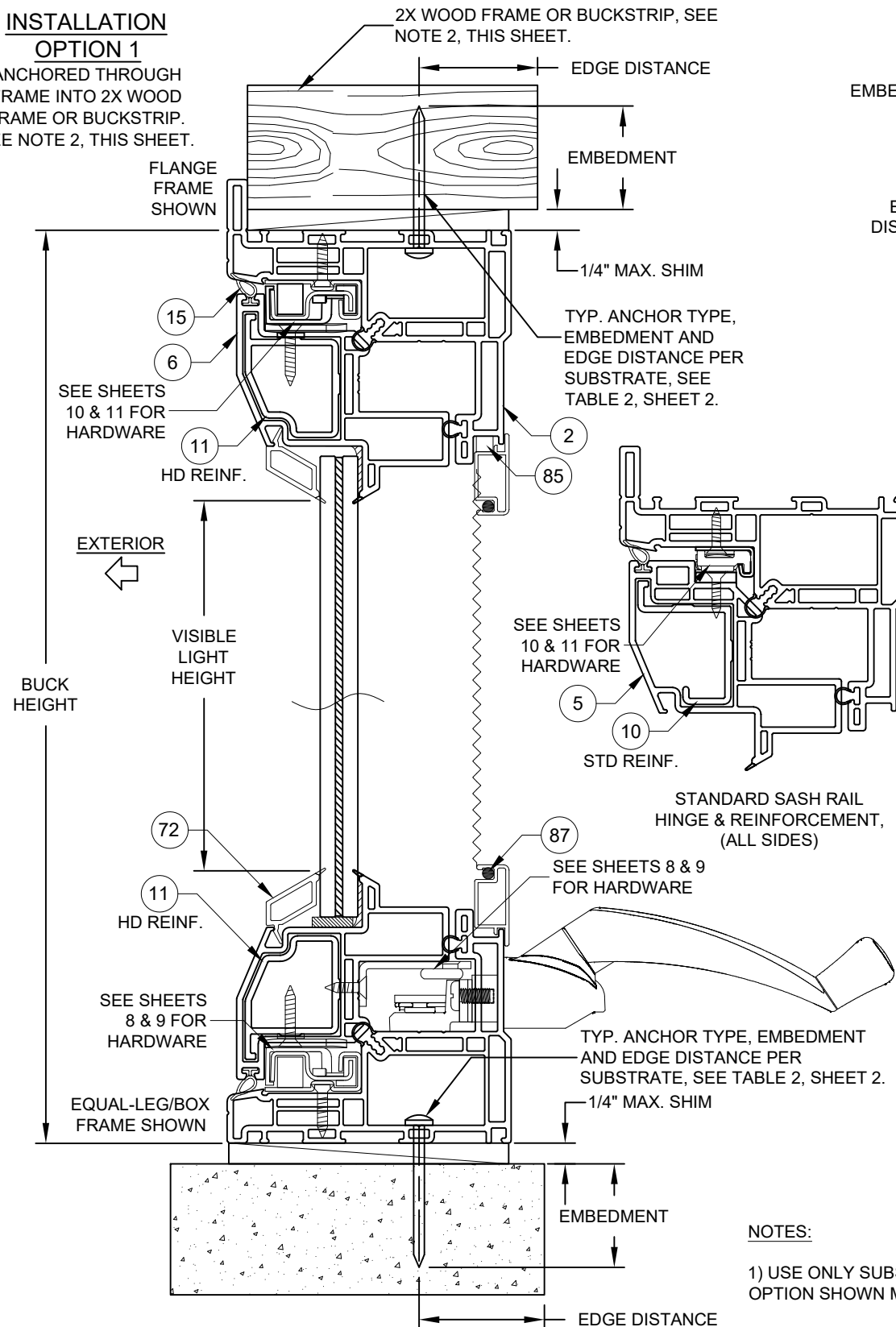
PGT® WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		VINYL CASEMENT WINDOW		09/09/26			
				Date		JENS ROSOWSKI			
PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		By Drawn		JENS ROSOWSKI			
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		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
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		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
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		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		By	
						JENS ROSOWSKI		09/09/26	
		REGISTRATION #29296		VINYL CASEMENT WINDOW		GLZ DETAIL/ANCHOR/ASSEMBLY		Date	
						JENS ROSOWSKI		09/09/26	



Rev. #	Date	Rev.

INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

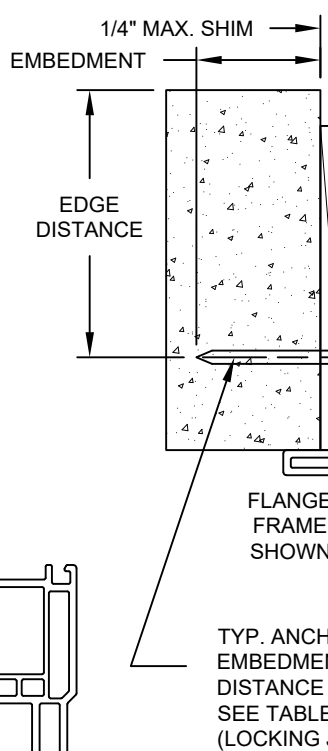
**INSTALLATION
OPTION 1**
ANCHORED THROUGH
FRAME INTO 2X WOOD
FRAME OR BUCKSTRIP.
SEE NOTE 2, THIS SHEET.



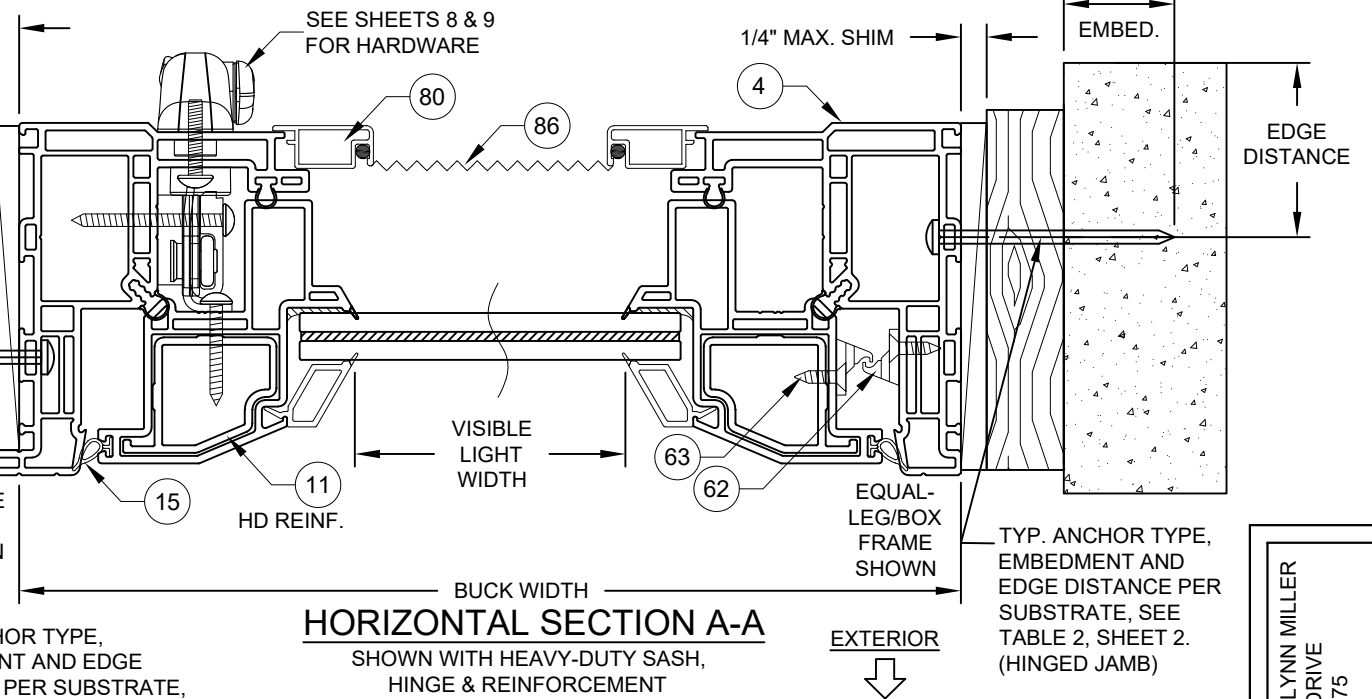
**INSTALLATION
OPTION 2**
ANCHORED THROUGH
FRAME DIRECTLY INTO
CONCRETE/CMU.

VERTICAL SECTION B-B
SHOWN WITH HEAVY-DUTY SASH,
HINGE & REINFORCEMENT

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



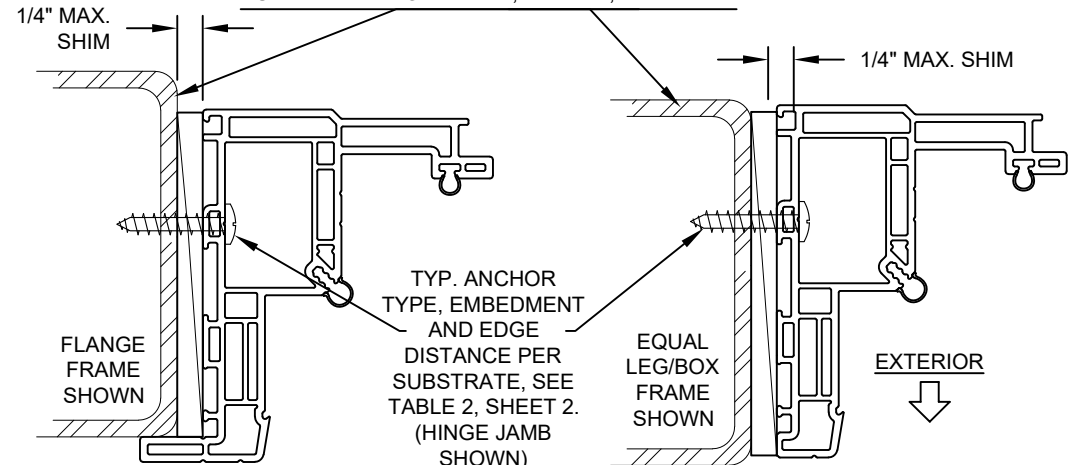
INSTALLATION OPTION 3
ANCHORED THROUGH FRAME AND 1X
BUCKSTRIP INTO CONCRETE/CMU.
SEE NOTE 2, THIS SHEET.



TYP. ANCHOR TYPE,
EMBEDMENT AND EDGE
DISTANCE PER SUBSTRATE,
SEE TABLE 2, SHEET 2.
(LOCKING JAMB)

TYP. ANCHOR TYPE,
EMBEDMENT AND
EDGE DISTANCE PER
SUBSTRATE, SEE
TABLE 2, SHEET 2.
(HINGED JAMB)

FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL
STUD. MAY BE VERTICAL OR HORIZONTAL. SEE
SUBSTRATE PROPERTIES, TABLE 2, SHEET 2.



**INSTALLATION
OPTION 4**
ANCHORED THROUGH
FRAME INTO METAL

**INSTALLATION
OPTION 4**
ANCHORED THROUGH
FRAME INTO METAL

NOTES:

- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 2, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. 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 OR ARCHITECT OF RECORD.
- 3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.

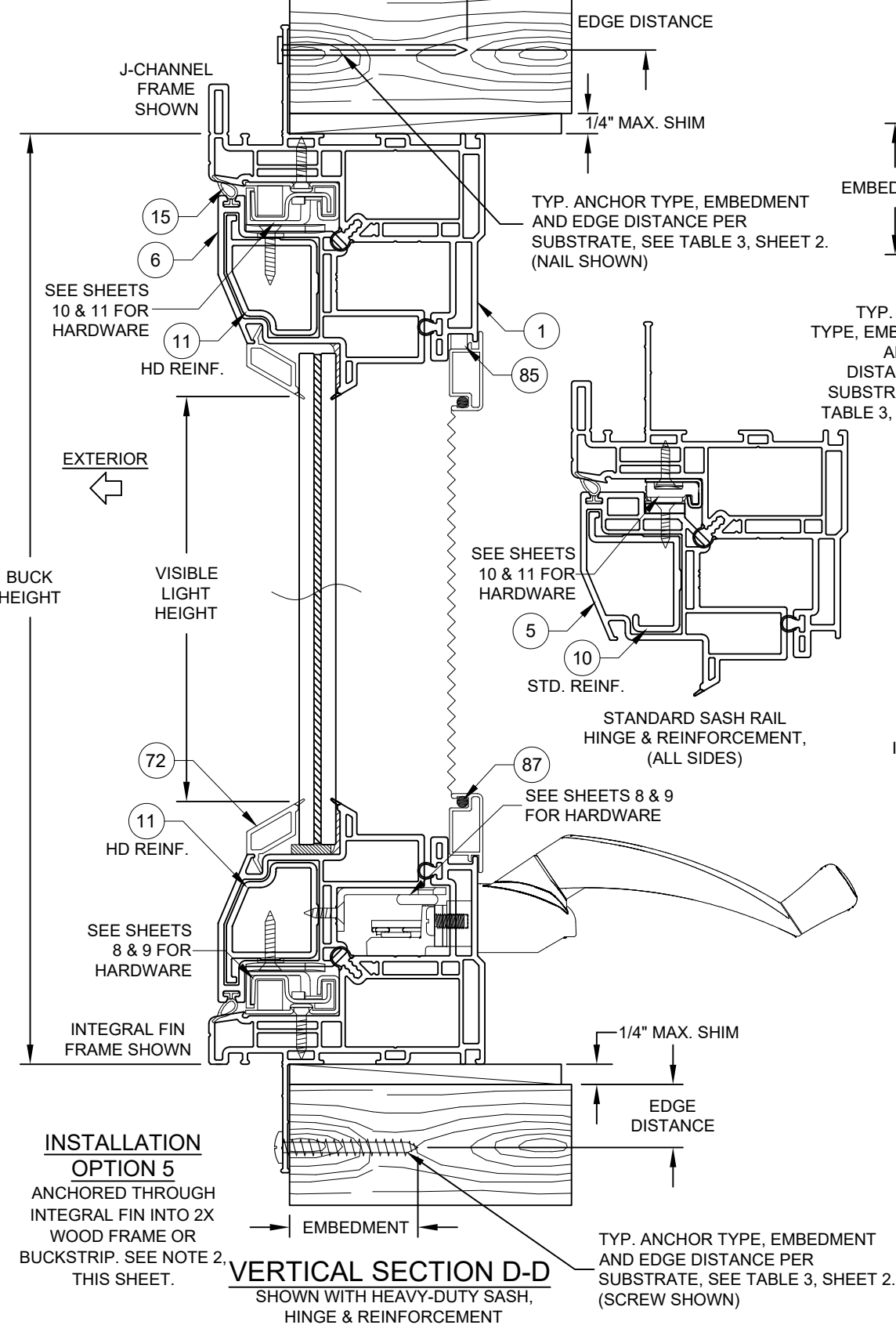
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CA5540		3 OF 9		INSTAL. FLANGE & EQUAL LEG	
CA5540-LM-HVHZ-ML		JENS ROSOWSKI		Date	

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P.E.# 58705

INSTALLATION DETAILS FOR INTEGRAL FIN & J-CANNEL FRAMES

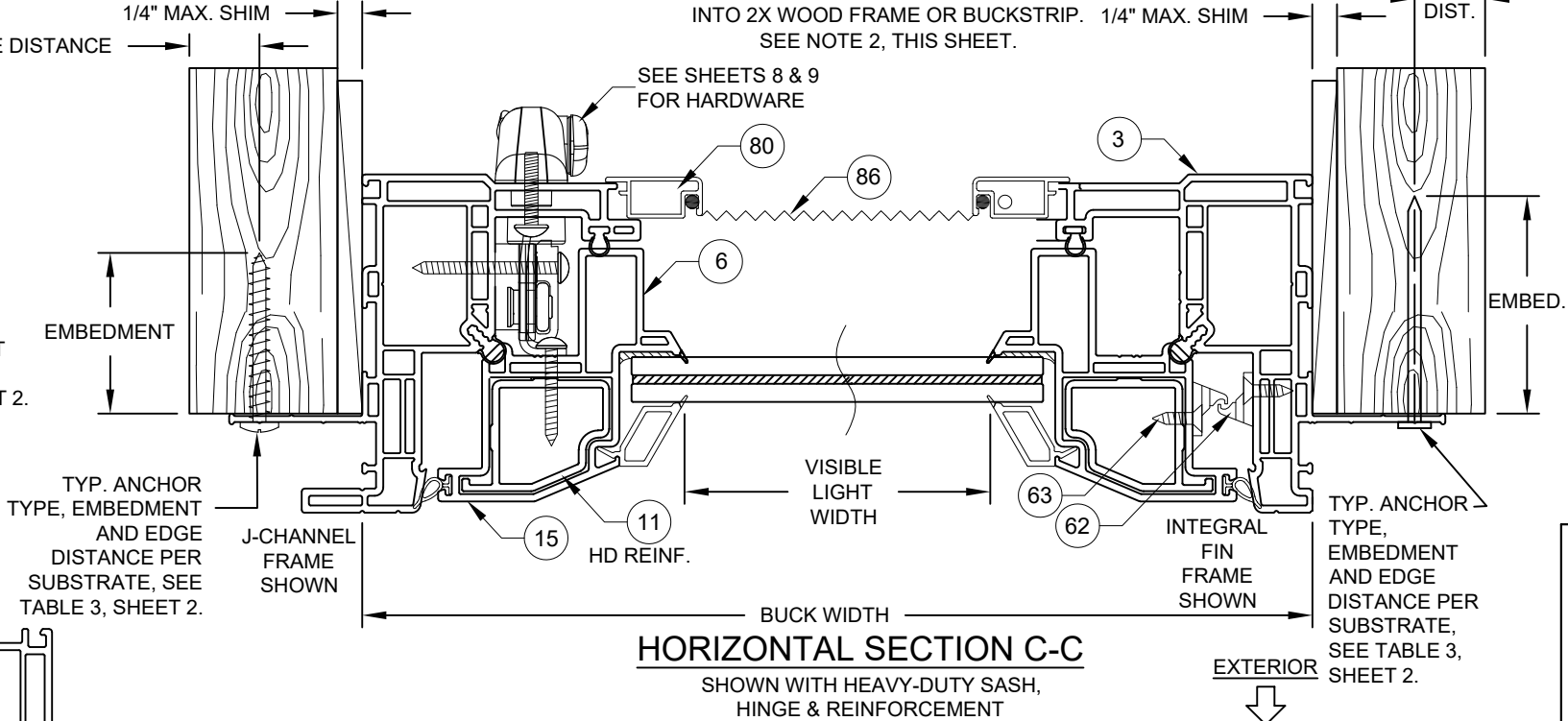
INSTALLATION OPTION 5

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



INSTALLATION OPTION 5

ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. 1/4\"/>

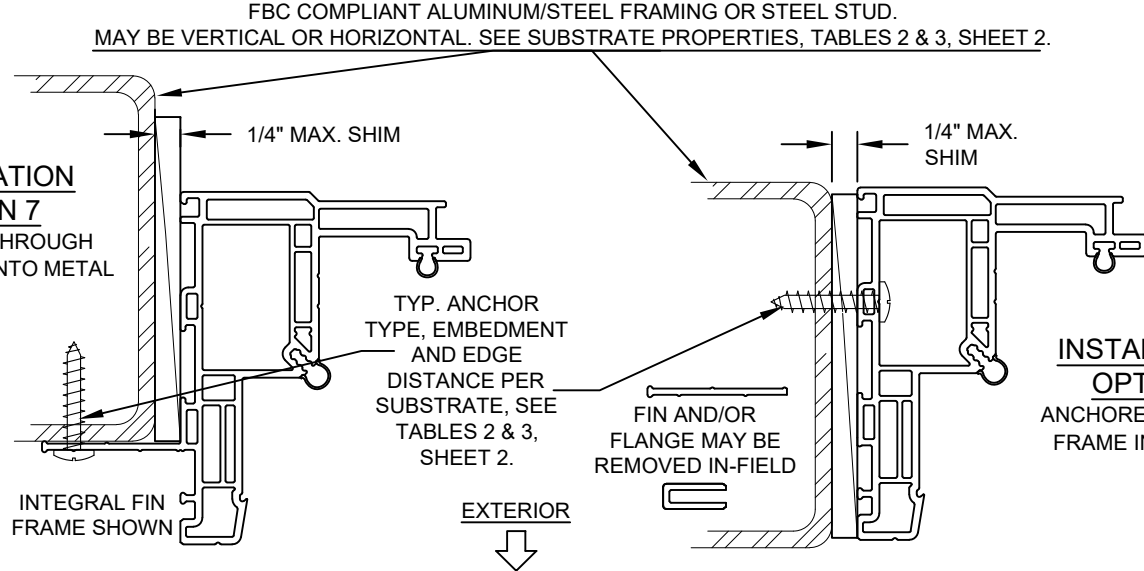


HORIZONTAL SECTION C-C

SHOWN WITH HEAVY-DUTY SASH, HINGE & REINFORCEMENT

INSTALLATION OPTION 7

ANCHORED THROUGH INTEGRAL FIN INTO METAL



INSTALLATION OPTION 8

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION OPTION 4 (FLANGE FRAME), ALLOWED WITH MULLION INSTALLATION, SEE PAGE 3 FOR DETAILS

NOTES:

- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2\"/>
- 3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.

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PGT [®] WINDOWS and DOORS		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		VINYL CASEMENT WINDOW		4 OF 9	
INSTAL. INT. FIN & J-CANNEL		DWG No.		4 OF 9		Sheet		CA5540	
Title		Desc.		Series		CA5540		CA5540	

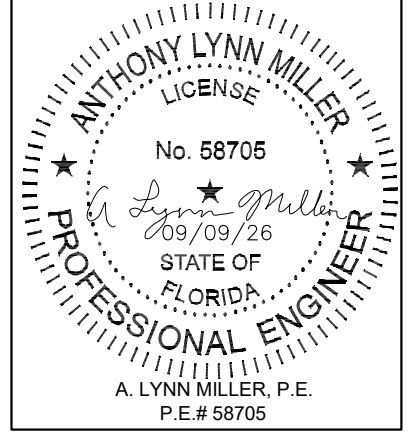


ILLUSTRATION OF CASEMENT-TO-CASEMENT (X-X)
(EQUAL LEG/BOX FRAME WITH IDENTICAL PRODUCTS COMBINED)

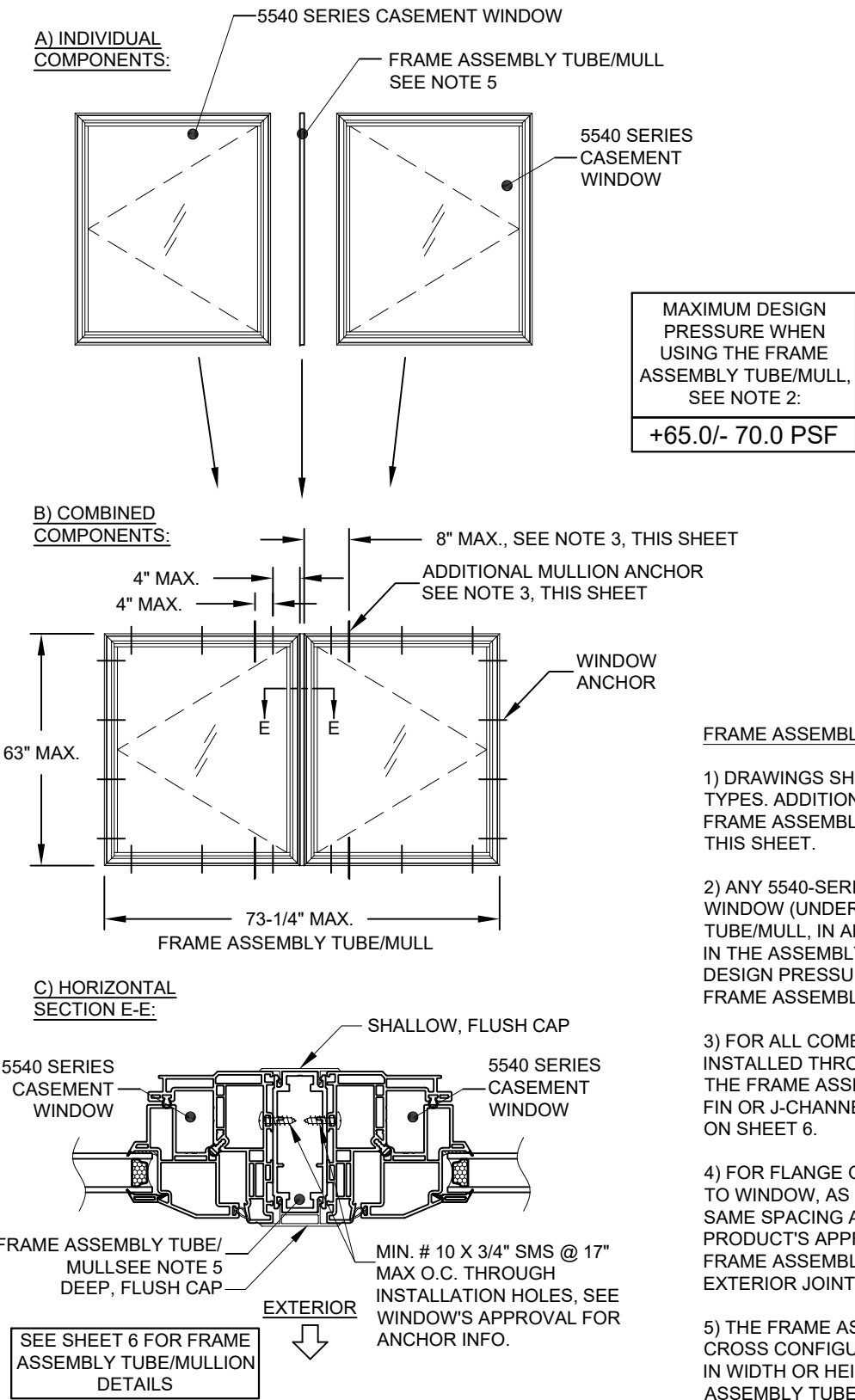
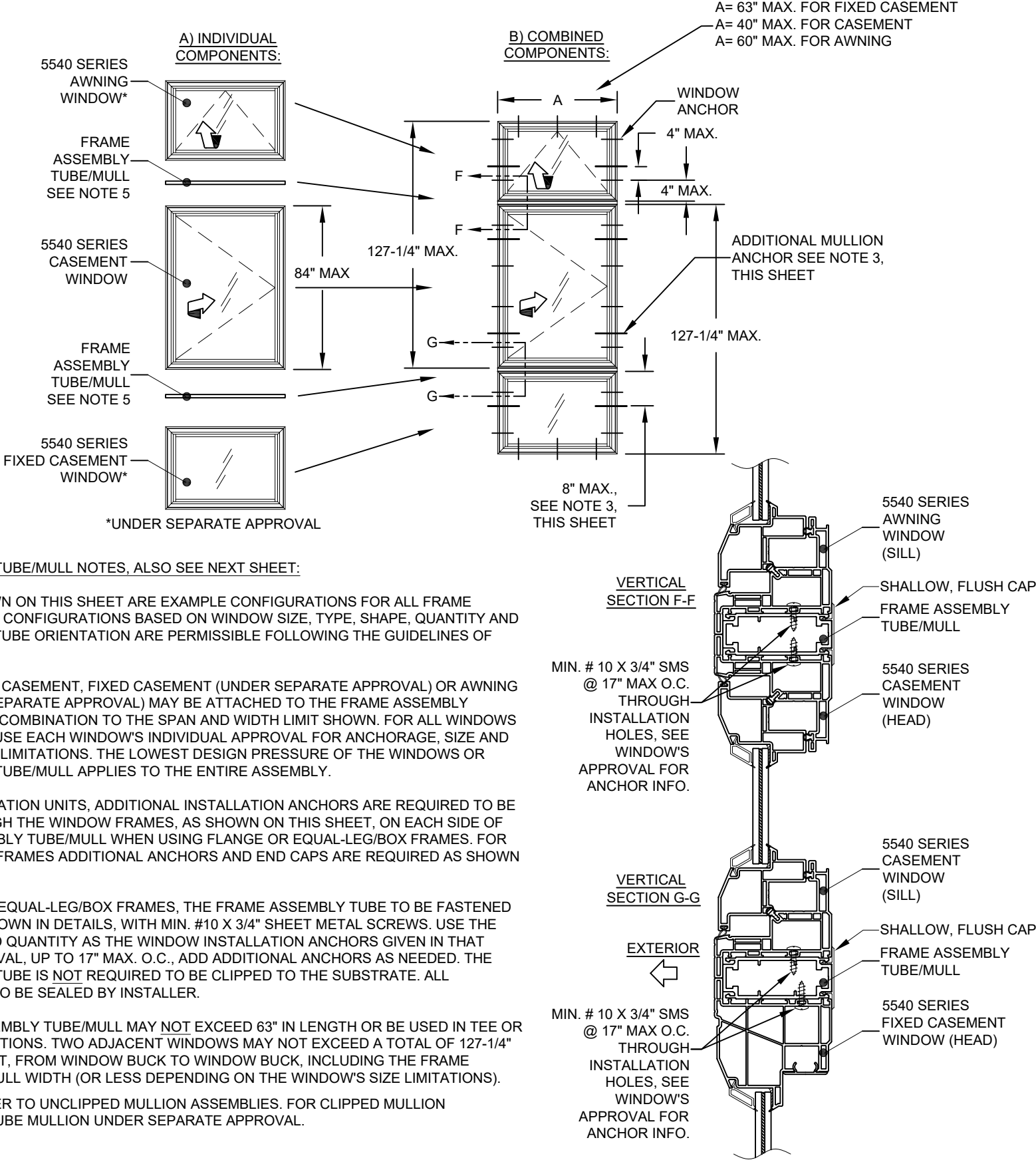


ILLUSTRATION OF AWNING-TO-CASEMENT-TO-FIXED CASEMENT (X/X/O)
(FLANGE FRAME WITH DIFFERENT 5540 SERIES PRODUCTS COMBINED)



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

- 1) DRAWINGS SHOWN ON THIS SHEET ARE EXAMPLE CONFIGURATIONS FOR ALL FRAME TYPES. ADDITIONAL CONFIGURATIONS BASED ON WINDOW SIZE, TYPE, SHAPE, QUANTITY AND FRAME ASSEMBLY TUBE ORIENTATION ARE PERMISSIBLE FOLLOWING THE GUIDELINES OF THIS SHEET.
- 2) ANY 5540-SERIES CASEMENT, FIXED CASEMENT (UNDER SEPARATE APPROVAL) OR AWNING WINDOW (UNDER SEPARATE APPROVAL) MAY BE ATTACHED TO THE FRAME ASSEMBLY TUBE/MULL, IN ANY COMBINATION TO THE SPAN AND WIDTH LIMIT SHOWN. FOR ALL WINDOWS IN THE ASSEMBLY, USE EACH WINDOW'S INDIVIDUAL APPROVAL FOR ANCHORAGE, SIZE AND DESIGN PRESSURE LIMITATIONS. THE LOWEST DESIGN PRESSURE OF THE WINDOWS OR FRAME ASSEMBLY TUBE/MULL APPLIES TO THE ENTIRE ASSEMBLY.
- 3) FOR ALL COMBINATION UNITS, ADDITIONAL INSTALLATION ANCHORS ARE REQUIRED TO BE INSTALLED THROUGH THE WINDOW FRAMES, AS SHOWN ON THIS SHEET, ON EACH SIDE OF THE FRAME ASSEMBLY TUBE/MULL WHEN USING FLANGE OR EQUAL-LEG/BOX FRAMES. FOR FIN OR J-CHANNEL FRAMES ADDITIONAL ANCHORS AND END CAPS ARE REQUIRED AS SHOWN ON SHEET 6.
- 4) FOR FLANGE OR EQUAL-LEG/BOX FRAMES, THE FRAME ASSEMBLY TUBE TO BE FASTENED TO WINDOW, AS SHOWN IN DETAILS, WITH MIN. #10 X 3/4" SHEET METAL SCREWS. USE THE SAME SPACING AND QUANTITY AS THE WINDOW INSTALLATION ANCHORS GIVEN IN THAT PRODUCT'S APPROVAL, UP TO 17" MAX. O.C., ADD ADDITIONAL ANCHORS AS NEEDED. THE FRAME ASSEMBLY TUBE IS NOT REQUIRED TO BE CLIPPED TO THE SUBSTRATE. ALL EXTERIOR JOINTS TO BE SEALED BY INSTALLER.
- 5) THE FRAME ASSEMBLY TUBE/MULL MAY NOT EXCEED 63" IN LENGTH OR BE USED IN TEE OR CROSS CONFIGURATIONS. TWO ADJACENT WINDOWS MAY NOT EXCEED A TOTAL OF 127-1/4" IN WIDTH OR HEIGHT, FROM WINDOW BUCK TO WINDOW BUCK, INCLUDING THE FRAME ASSEMBLY TUBE/MULL WIDTH (OR LESS DEPENDING ON THE WINDOW'S SIZE LIMITATIONS).
- 6) SHEET 5 & 6 REFER TO UNCLIPPED MULLION ASSEMBLIES. FOR CLIPPED MULLION ASSEMBLIES SEE TUBE MULLION UNDER SEPARATE APPROVAL.

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		VINYL CASEMENT WINDOW		FRAME ASSEMBLY TUBE		5 OF 9	Sheet
CA5540		Title		Desc.		Series		CA5540	

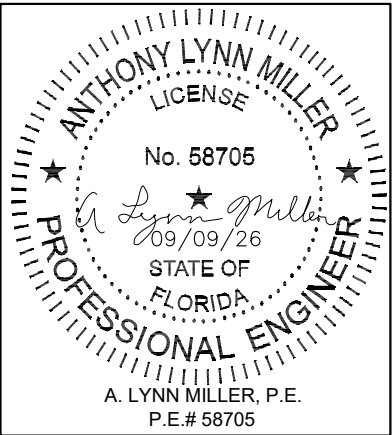
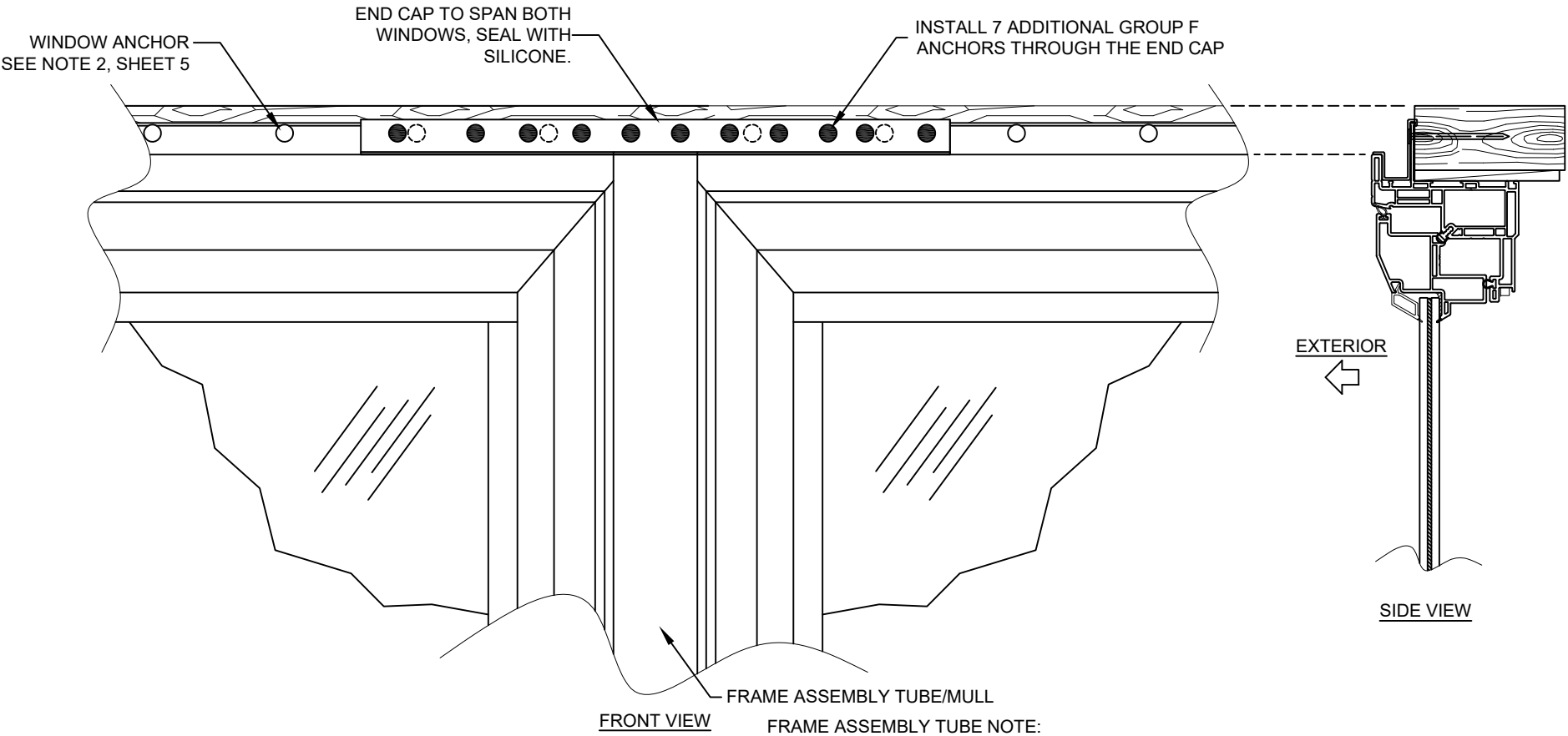
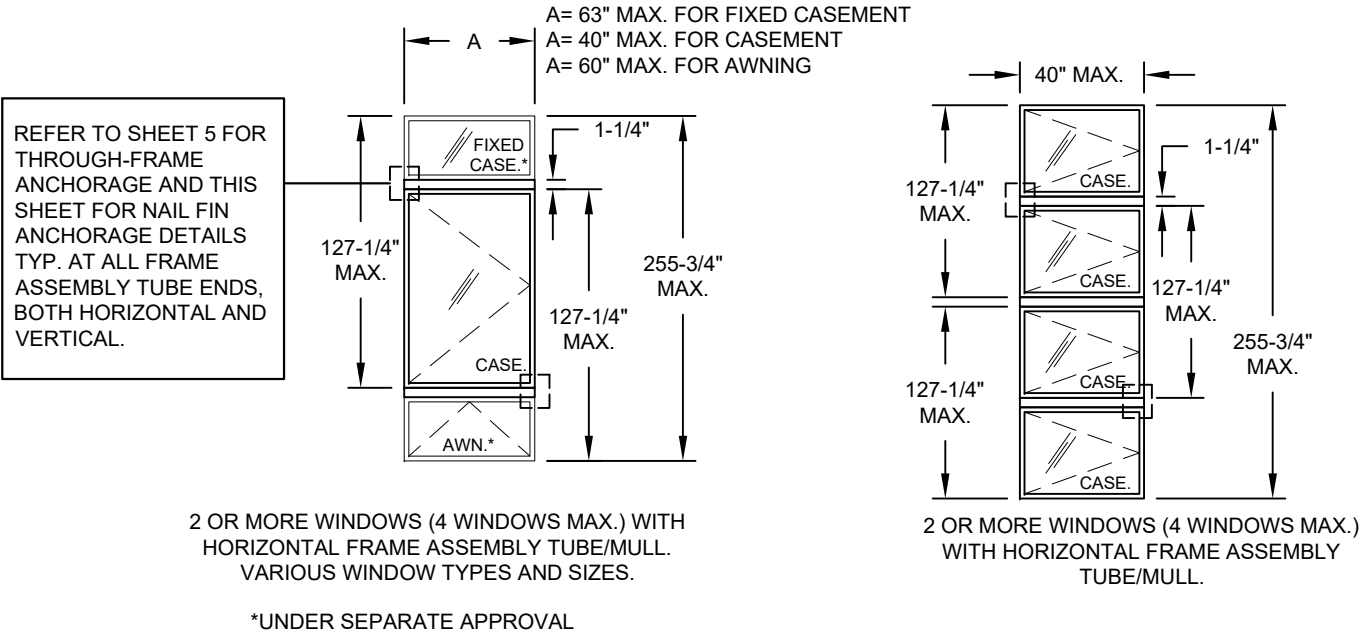


ILLUSTRATION OF END CAP USE WITH FIN AND J-CHANNEL FRAMES

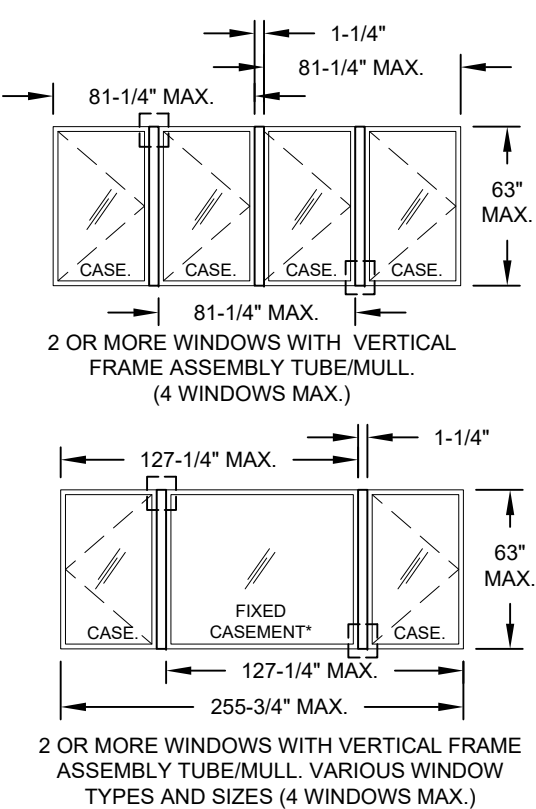


NOTES FOR FRAME ASSEMBLY TUBE END CAP:

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



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



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CA5540		Sheet		DWG No.		Title		Series	

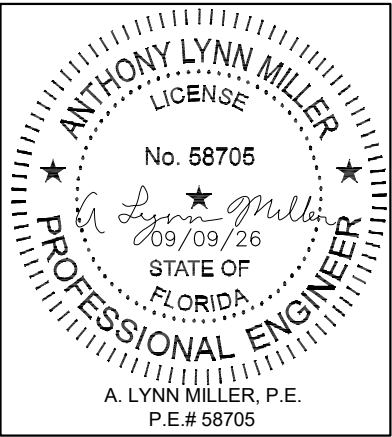
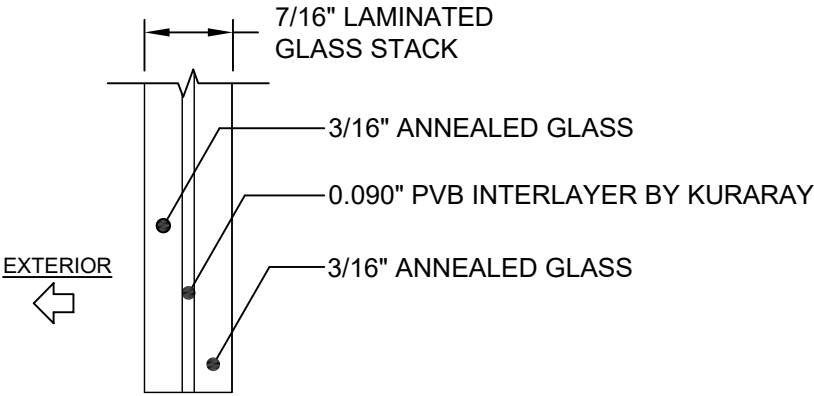


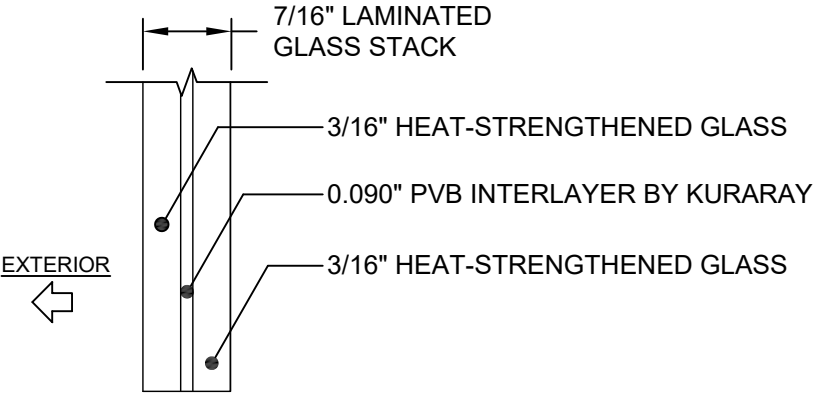
TABLE 4:

Window Design Pressure, (+/- psf)																Standard Sash, Hinge & Reinforcement	Use this table for Glass Type:	1 & 2
7/16" A/A PVB																		
7/16" H/H PVB																		
Window Dimensions	Buck Width (in)																	
	24	26	28	30.683	31.052	31.431	31.819	32.217	32.625	33.043	33.472	33.912	34.365	34.829	35.306	35.797	36	
Buck Height (in)	48	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	
	60	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	
	66	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	
	70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	
	71.593	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	
	72	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70		
	73	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70		
	74	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70			
	75	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70				
	76	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70					
	77	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70						
	78	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70							
	79	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70								
	80	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70									
	81	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70										
	82	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70											
	83	+65/-70	+65/-70	+65/-70	+65/-70	+65/-70												
	84	+65/-70	+65/-70	+65/-70	+65/-70													

MAX. JAMB O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4
APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)	APPLIES TO F ANCHORS (SEE TABLE 3)
12.67"	4"



GLASS TYPE 1



GLASS TYPE 2

NOTES:

- 1) BUCK DIMENSIONS SHOWN.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

- NOTES:
- 1) BUCK DIMENSIONS SHOWN.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

PGT[®] WINDOWS and DOORS

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

REGISTRATION #29296

VINYL CASEMENT WINDOW

DESIGN PRESSURE TABLE

CA5540

7 OF 9

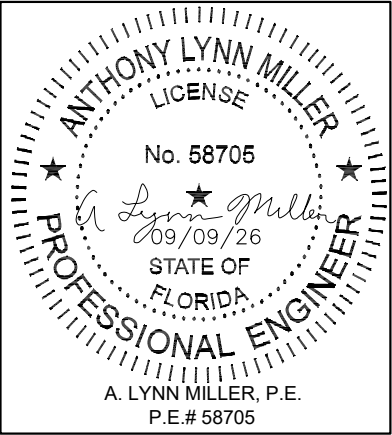
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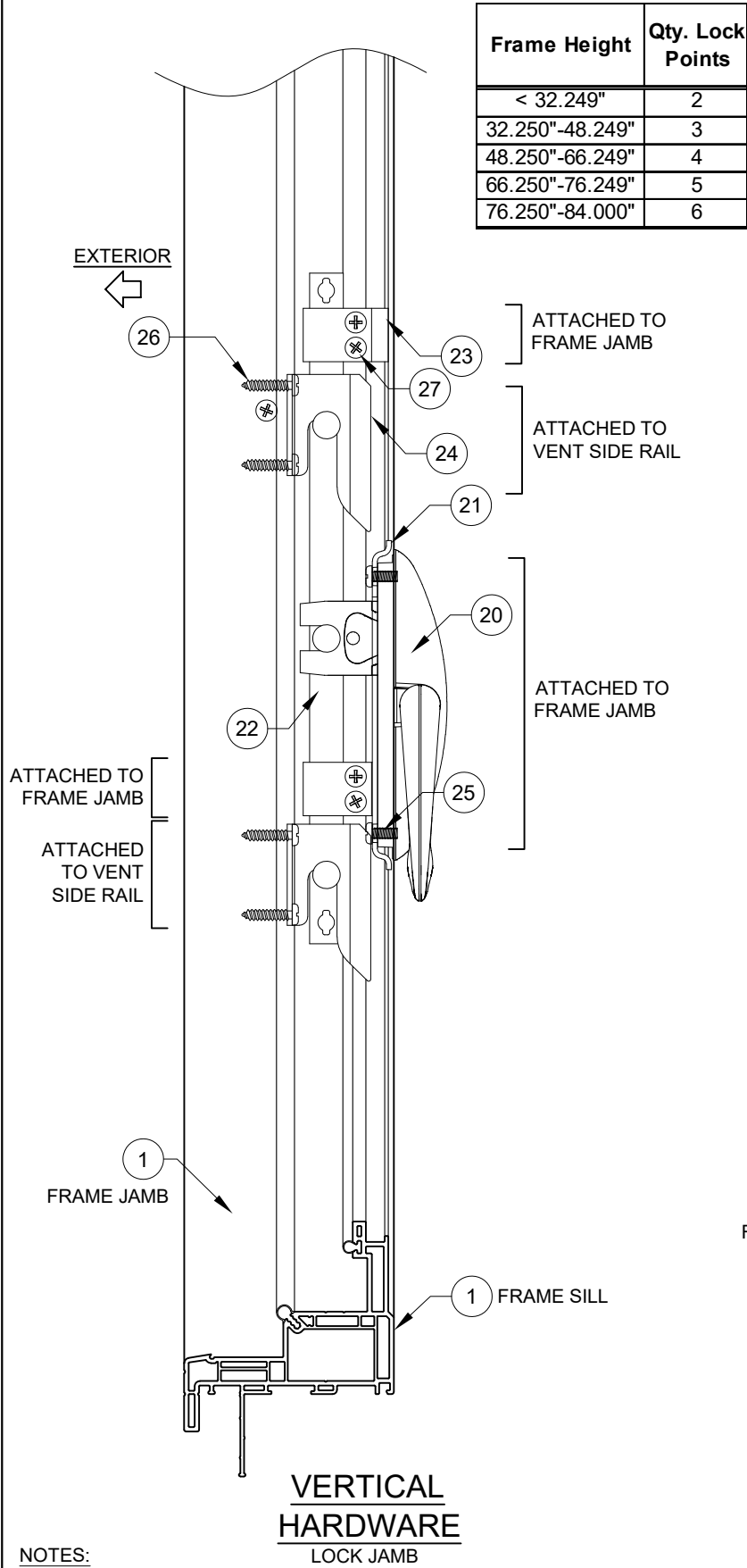
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09/09/26

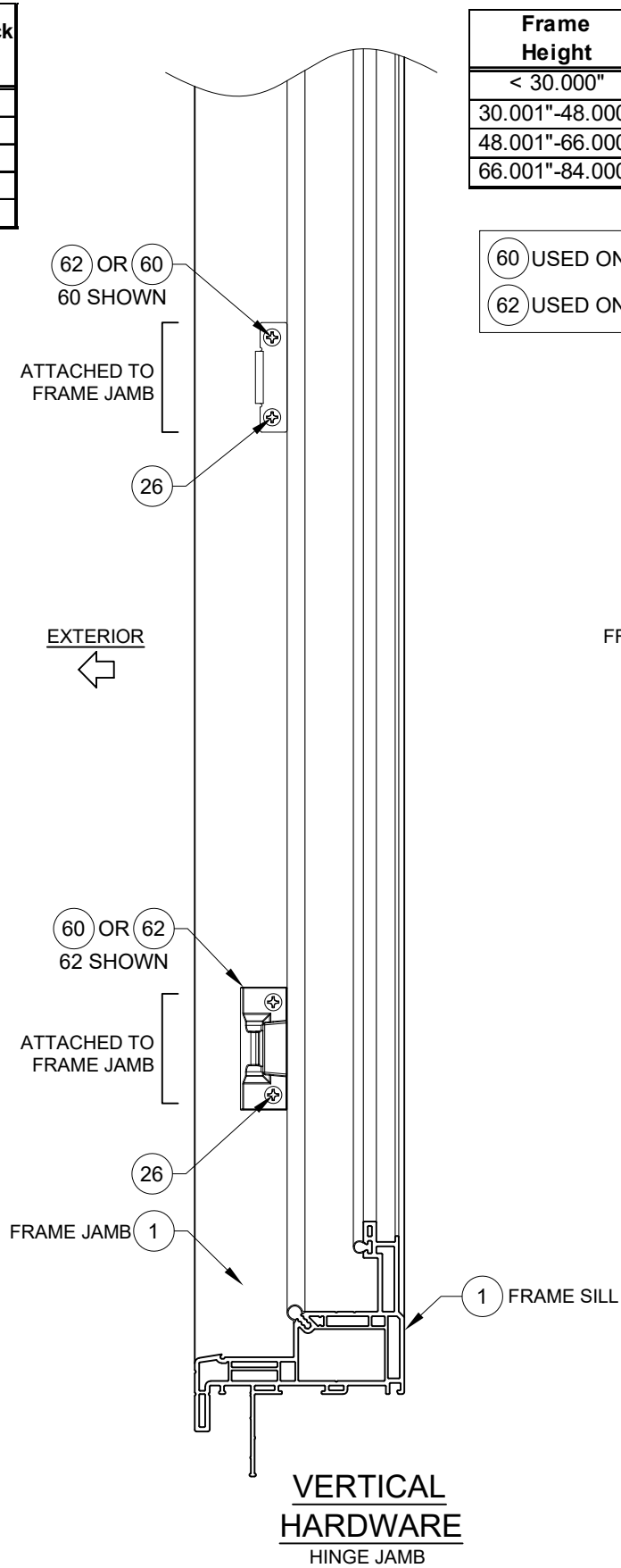
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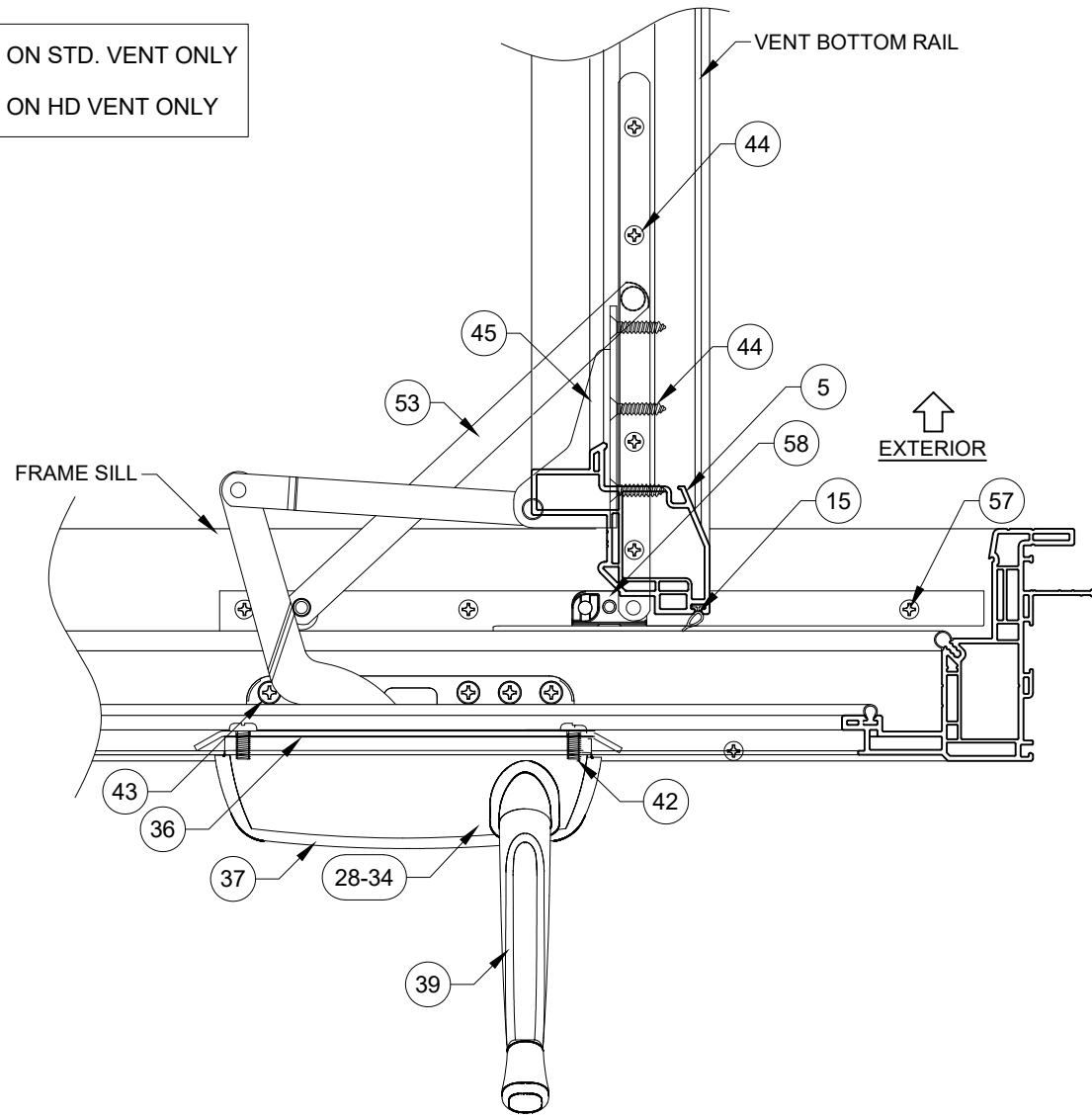


- NOTES:
- 1) SOME PARTS/OPTIONS NOT SHOWN FOR CLARITY.
 - 2) INTEGRAL FIN FRAME SHOWN, PART #1. OTHER FRAME TYPES APPLY.



Frame Height	Qty. Snubbers
< 30.000"	2
30.001"-48.000"	3
48.001"-66.000"	4
66.001"-84.000"	5

- 60 USED ON STD. VENT ONLY
62 USED ON HD VENT ONLY

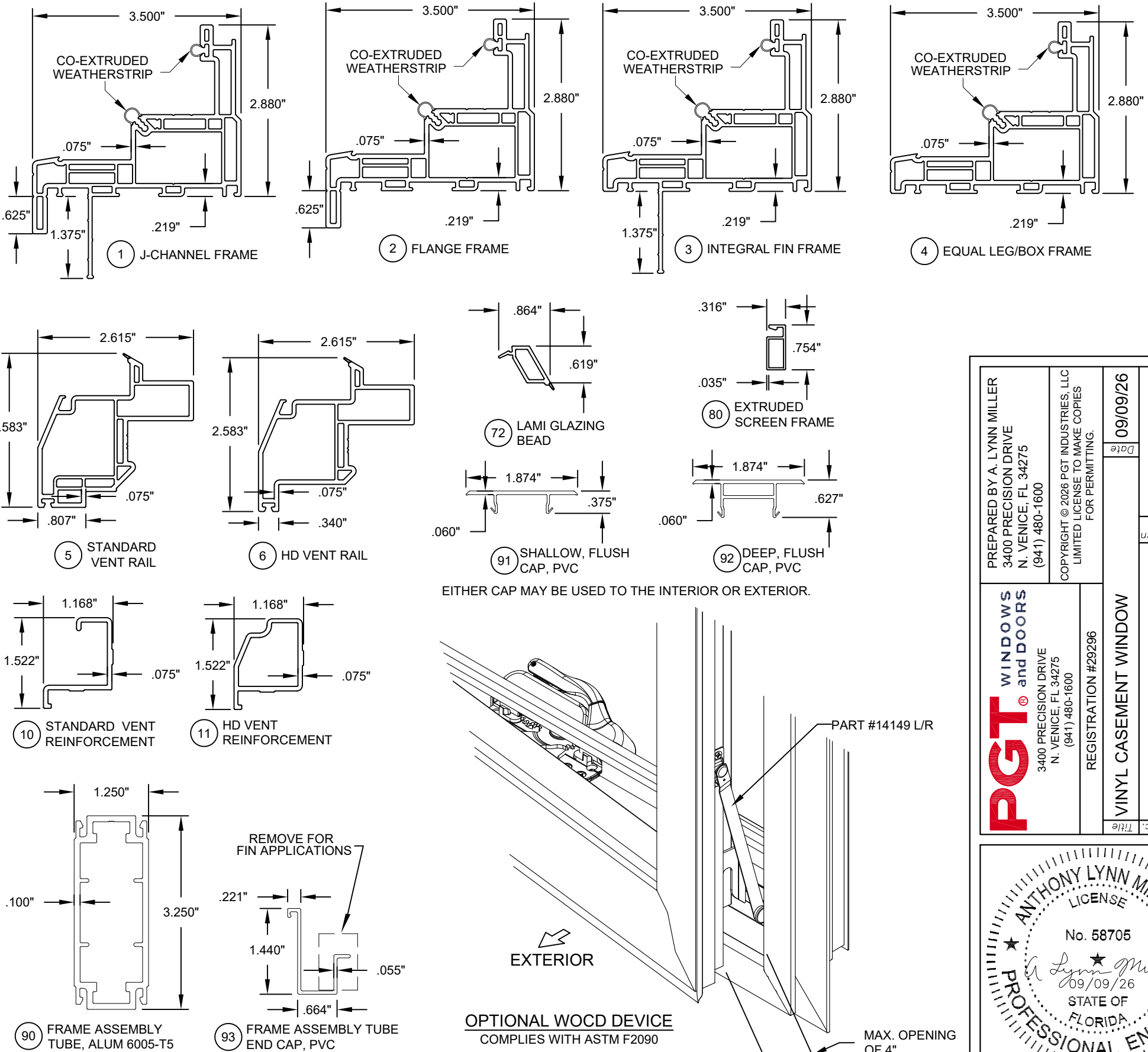


PGT ® WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	VINYL CASEMENT WINDOW		By JENS ROSOWSKI	Date 09/09/26
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CA5540	8 OF 9	CA5540-LM-HVHZ-ML			

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PROFESSIONAL ENGINEER
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P.E.# 58705

TABLE 8:

#	Part #	Description	Material
1	620125	J-channel Frame	PVC
2	620126	Flange Frame	PVC
3	620127	Integral Fin Frame	PVC
4	620128	Equal Leg/Box Frame	PVC
5	620130	Standard Vent Rail	PVC
10	620163	Standard Vent Reinforcement (Full Length)	Alum. 6005-T5
15	6TP247	Weatherstrip, 65 +/-1 duro.	Flex PVC
20	7024	Multi-Point Lock	C Steel
21	7011	Multi-Point Lock Flat Support Plate	C Steel
22	varies with size	Tie Bar	C Steel
23	20222	Tie Bar Guide	C Steel
24	7014	Multi-Lock Keeper	C Steel
25	71024X0562PPFX	#10-24 x 9/16" Phl. PH Machine Screw	SS
26	78X34PPTX410	#8 x 3/4" Phl. PH Tek	SS
27	78X112PSAX	#8 x 1-1/2" Phl. FH Tek	SS
28	20249/50	Dyad Operator (narrow vent < or = to 24"), L/R	C Steel
29	20249X/50X	Dyad Operator (narrow vent < or = to 24"), L/R	SS
30	20251/52	Dual Arm Operator (wide vent >24"), L/R	C Steel
31	20251X/52X	Dual Arm Operator (wide vent >24"), L/R	SS
32	7033	Dual Arm Operator Track	SS
36	7031	Operator Backing Plate	C Steel
37	20253	Operator Cover	
38	7030	Operator Gasket White	Neoprene
39		Standard Handle	C Steel
40	7018	Folding Handle	C Steel
41	7019	T-Handle (Thumbturn)	C Steel
42	78X12PPMSX	#8-32 x 1/2" Phl. PH Machine Screw	SS
43	78S34PFAX	#8 x 3/4" Phl. FH	SS
44	78X1PSDX	#8 x 1" Phl. FH Tek	SS
45	7MC7032LH/RH	Stud Bracket, L/R	C Steel
46	7MC7032LHX/RHX	Stud Bracket, L/R	SS
49	73337LH/RH	Egress Hinge, L/R	C Steel
50	73337LHX/RHX	Egress Hinge, L/R	SS
51	73338LH/RH	Washable Hinge, L/R	C Steel
52	73338LHX/RHX	Washable Hinge, L/R	SS
57	78X34FPAX	#8 x 3/4" Phl. FH w/ #7 Head	SS
58	731877	Operator Slide	Plastic
60	73346	Snubber	C Steel
63	78X12PPSMSX	#8 x 1/2" Phl. PH	SS
64	20187	Anchor Hole Plug	PVC
72	620332/339	Lami Glazing Bead	PVC/ABS
74		Backbedding, GE 7700 or Dow 791, 983	Silicone
78		Setting Block (1/8" x 1/2" x 4")	EPDM
80	67006	Extruded Screen Frame	
84	47040	Screen Corner Key	
85	7CASPM	Tension Spring	
86	61816C34	Screen Cloth	
87	61635/24	.140" Screen Spline (Machine/Hand Rolled)	
90	620160A	Frame Assembly Tube	Alum. 6005-T5
91	620177	Shallow, Flush Cap	PVC
92	620178	Deep, Flush Cap	PVC
93	620132	Frame Assembly Tube End Cap	PVC



PGT[®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	Prepared By A. LYNN MILLER	Date 09/09/26	Drawn By JENS ROSOWSKI
	VINYL CASEMENT WINDOW BOM, ASSEMBLY & PART LIST		
Sheet 9 OF 9		DWG No. CA5540-LM-HVHZ-ML	Series CA5540

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