

SERIES 5520 IMPACT RESISTANT,
VINYL FIXED WINDOW

FLORIDA PRODUCT APPROVAL #29700

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) 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, (EOR) OR ARCHITECT OF RECORD, (AOR).

5) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

6) 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. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.

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 AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

10) REFERENCES: TEST REPORTS FTL-7897, 19-9037; ELCO ULTRACON NOA; ELCO CRETEFLEX NOA; ELCO AGGRE-GATOR NOA; ENERGI WINDOW AND DOOR PROFILES, LTD WHITE & BRONZE/LIGHTER SHADES OF CAP COATED PVC EXTRUSION NOA'S; NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AF&PA NDS & ALUMINUM DESIGN MANUAL

11) PVB INTERLAYER MANUFACTURED BY KURARAY AMERICA, INC.

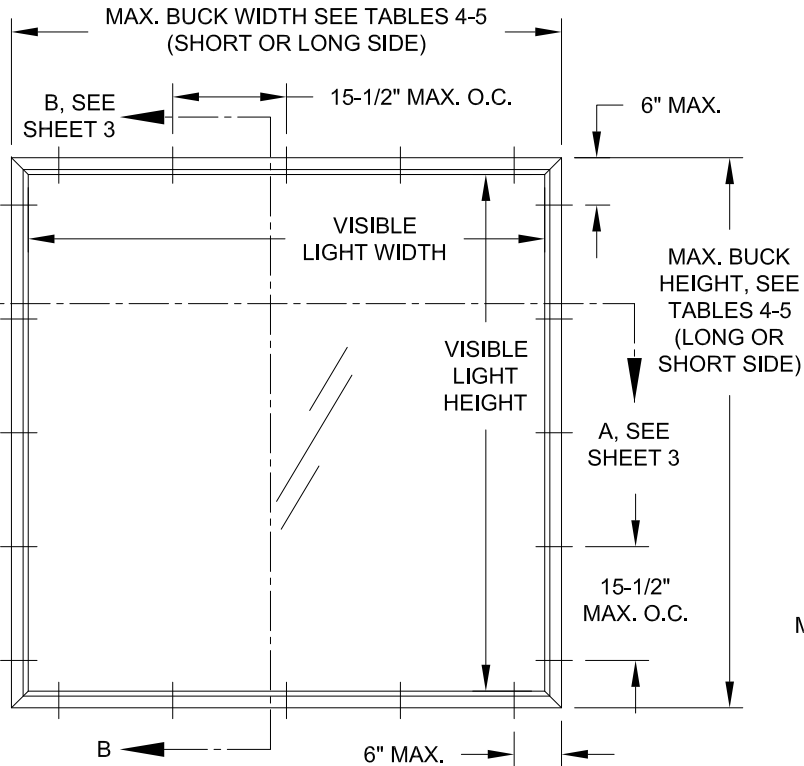
12) FRAME FLANGES OR INTEGRAL FINNS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

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

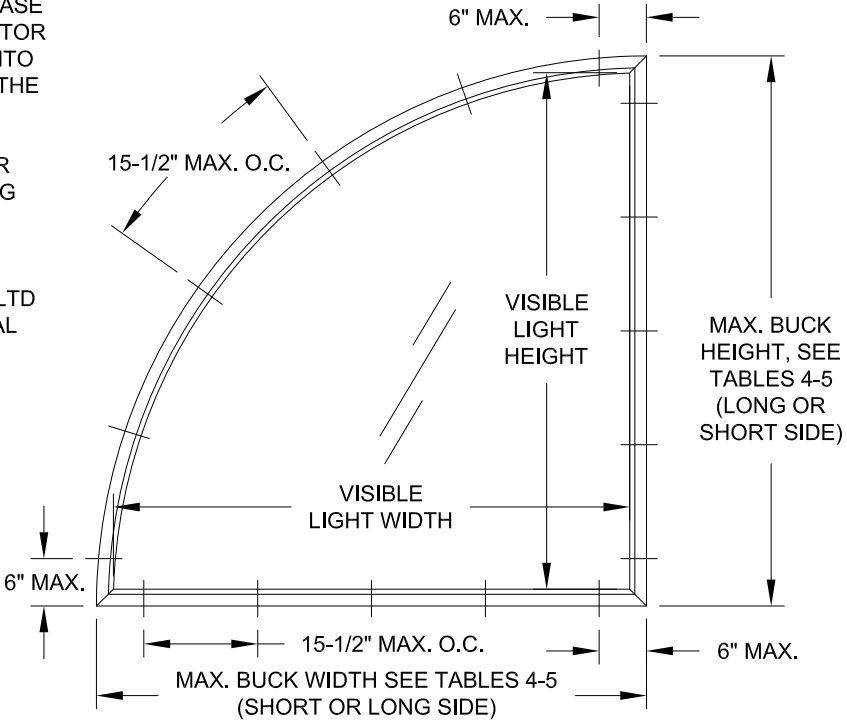
GENERAL NOTES & ELEVATIONS.....	1
FRAME, GLASS & ANCHOR OPTIONS.....	2
INSTALLATION, FLANGE & EQUAL LEG.....	3
INSTALLATION, INTEGRAL FIN & J-CHANNEL.....	4
DESIGN PRESSURES.....	5
BOM & ASSEMBLY.....	6

VISIBLE LIGHT FORMULAS

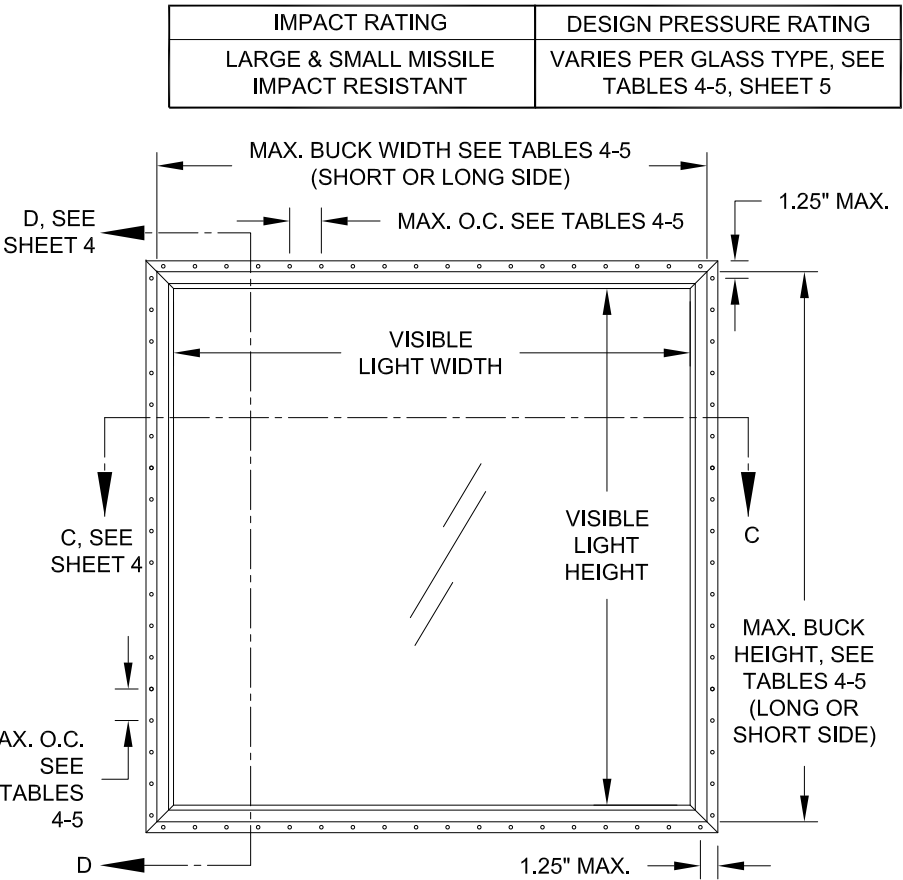
WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"



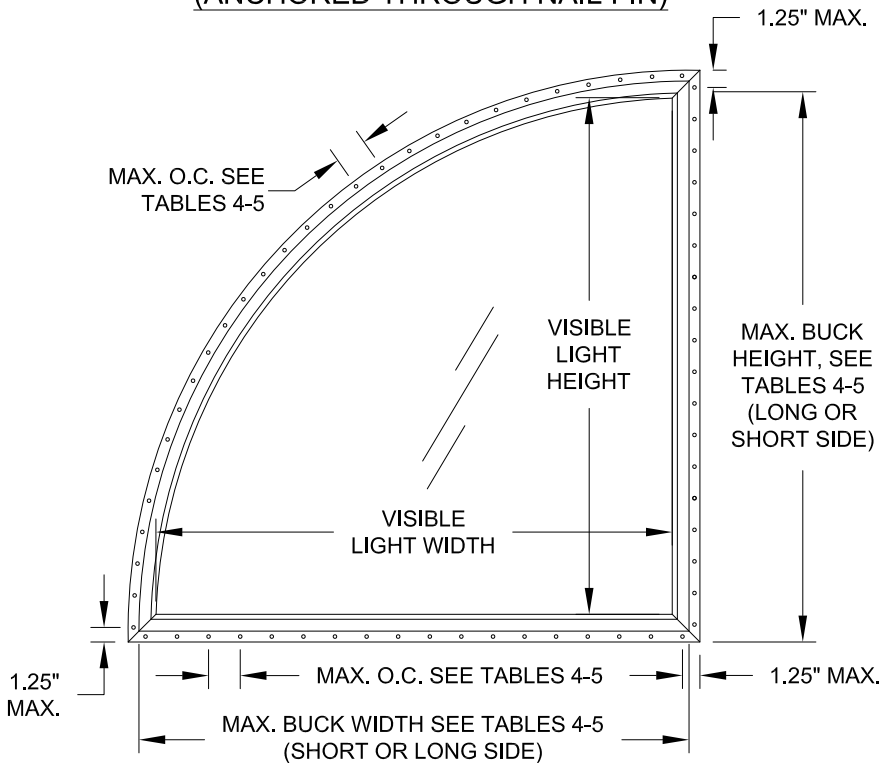
TYP. EQUAL-LEG/BOX &
FLANGE FRAME (90° CORNERS)



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



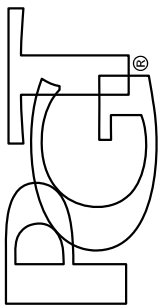
TYP. INTEGRAL FIN & J-CHANNEL
FRAME (90° CORNERS)
(ANCHORED THROUGH NAIL FIN)

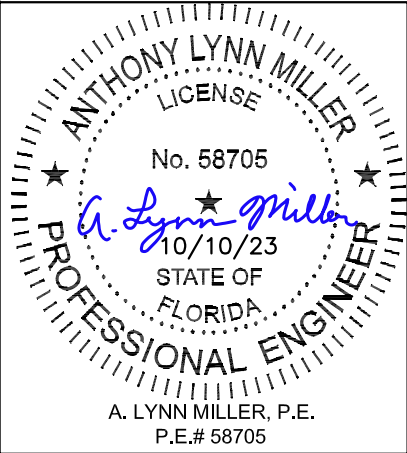


TYP. INTEGRAL FIN &
J-CHANNEL FRAME (CURVED OR
ANGLED CORNERS)
(ANCHORED THROUGH NAIL FIN)

IMPACT RATING	DESIGN PRESSURE RATING
LARGE & SMALL MISSILE IMPACT RESISTANT	VARIES PER GLASS TYPE, SEE TABLES 4-5, SHEET 5

Revision:	UPDATED TITLE BLOCK - JR - 10/10/20
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1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600	COPYRIGHT © 2023 PGT INDUSTRIES, INC. ALL RIGHTS RESERVED	06/06/19 Date	J ROSOWSKI By	PW5520 LAMI Rev.	B
 CERT. OF AUTH. #29296	VINYL FIXED WINDOW (LMI)	GENERAL NOTES & ELEVATIONS	Sheet	1 OF 6	NTS
PW-5520	Series	Desc.	Title	Scale	PW-5520



Glass Type	Description	Table #	Sheet #
1	7/16" Lami (3/16" A - .090" PVB - 3/16" A)	4	5
2	7/16" Lami (3/16" H - .090" PVB - 3/16" H)	5	5

© PVB
AMERICA, INC.

7/16" LAMINATED
GLASS STACK

3/16" A
.090" PVB
3/16" A

EXTERIOR

GLASS TYPE 1

7/16" LAMINATED
GLASS STACK

3/16" H
.090" PVB
3/16" H

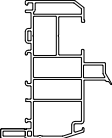
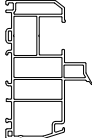
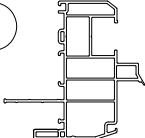
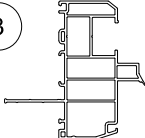
EXTERIOR

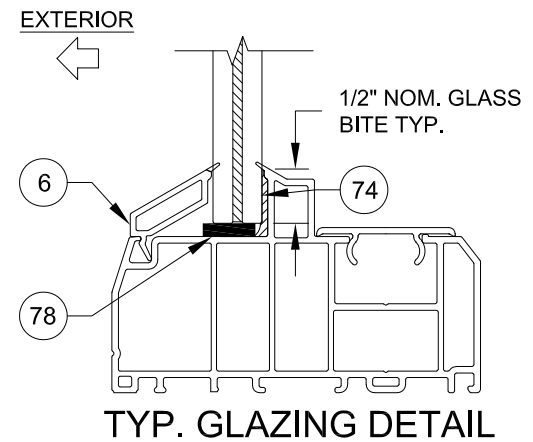
GLASS TYPE 2

EXT

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
A	#10 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
		Aluminum, 6063-T5*	3/8"	0.050"
	3/16" steel Ultracon or Ultracon+	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 3 ksi)	1"	1-3/8"
		3/16" steel Ultracon	Ungrouted CMU, (ASTM C-90)	2-1/2"
3/16" steel Ultracon+	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"	
B	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. 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.)
		Aluminum, 6063-T5*	3/8"	0.063"
	1/4" steel Ultracon or Ultracon+	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Creteflex	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Aggre-Gator	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" steel Ultracon	Concrete (min. 2.85 ksi)	1"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel Ultracon+	Concrete (min. 3 ksi)	1-3/16"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	1/4" steel Creteflex	Concrete (min. 3.35 ksi)	1"	1-3/4"
D	1/4" steel Ultracon	Concrete (min. 2.85 ksi)	2-1/2"	1-3/4"
	1/4" steel Ultracon+	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
	1/4" steel Ultracon+	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel 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" steel Aggre-Gator	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
		Grouted CMU, (ASTM C-90)	2"	2"

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksi
Elco/DeWalt Aggre-Gator®	57 ksi	96 ksi
Elco UltraCon®	155 ksi	177 ksi
3/16" DeWalt UltraCon+®	117 ksi	164 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
410 SS Elco/Dewalt CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

2  FLANGE	4  EQUAL LEG OR BOX
1  J-CHANNEL	3  INTEGRAL FIN



Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
F	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
	#10 Trusshead SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=.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 (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=.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"



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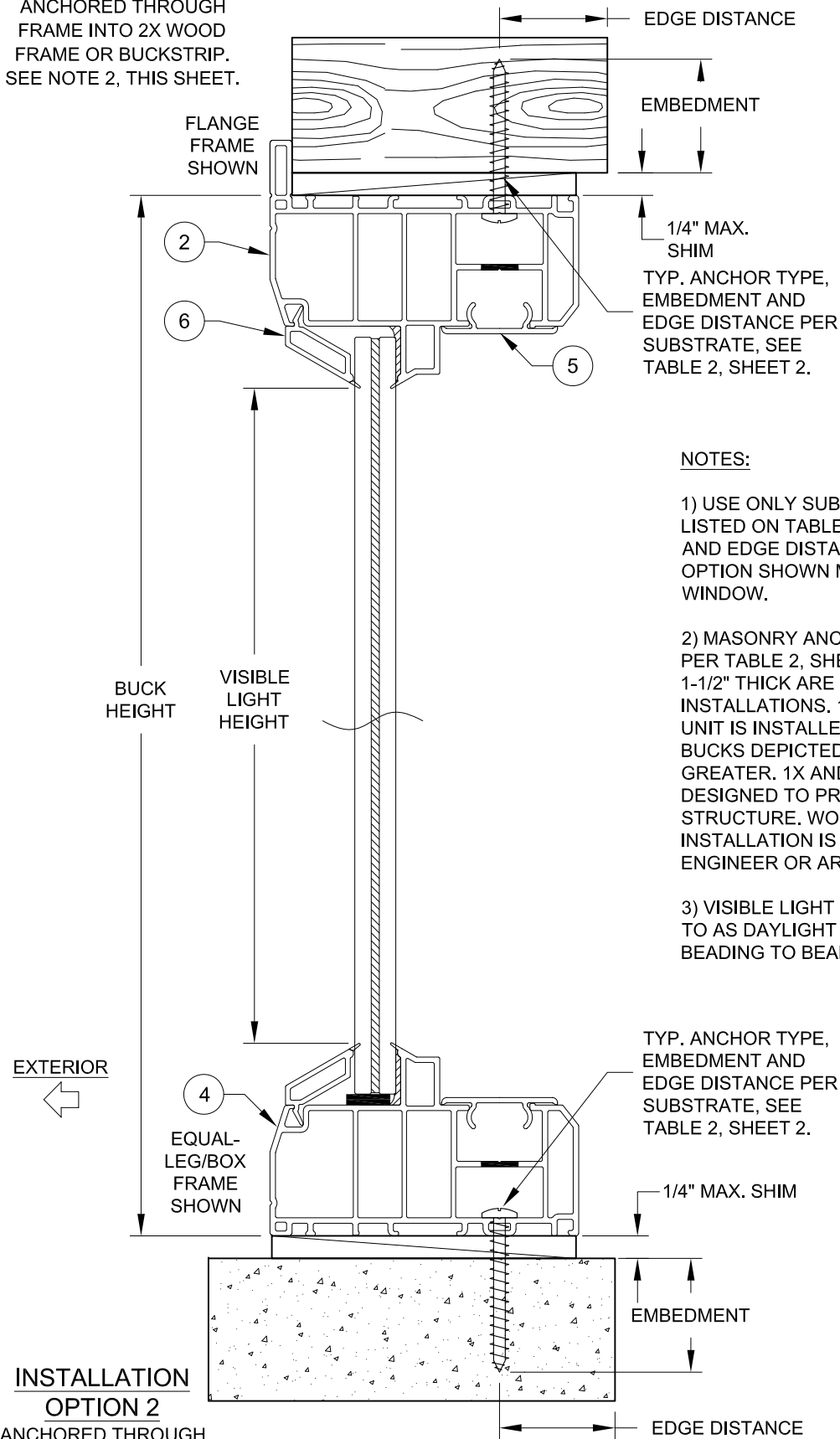
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

Title	VINYL FIXED WINDOW (LMI)										Date	06/06/19	
	Desc.	GLASS/ANCHORS/FRAME OPTIONS								Drawn By	J ROSOWSKI		
Rev A													
Rev B													
Series	PW-5520	Scale	NTS	Sheet	2 OF 6		DWG No.	PW5520 LAMI				Rev. No.	B

NOTE:
USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3, THIS SHEET. FOLLOW EMBEDMENT AND
EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.

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.

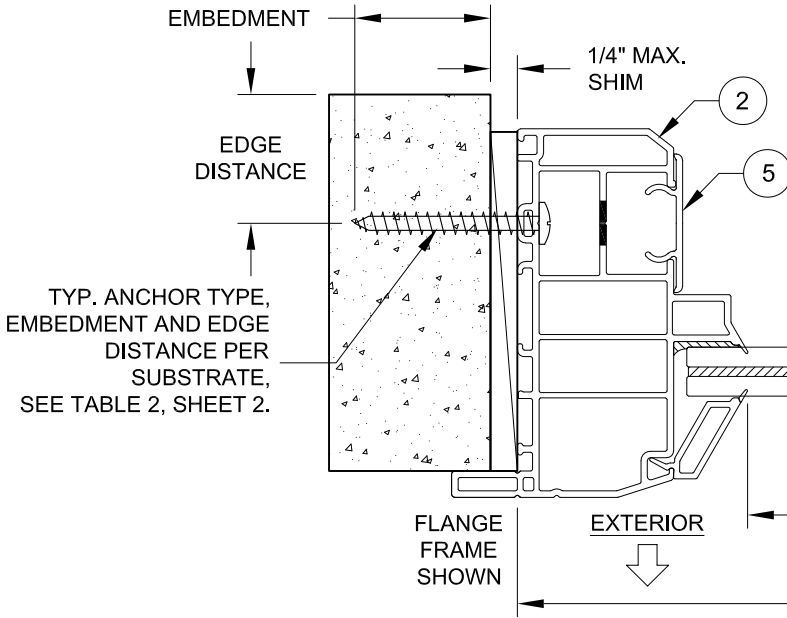
VERTICAL SECTION B-B

NOTES:

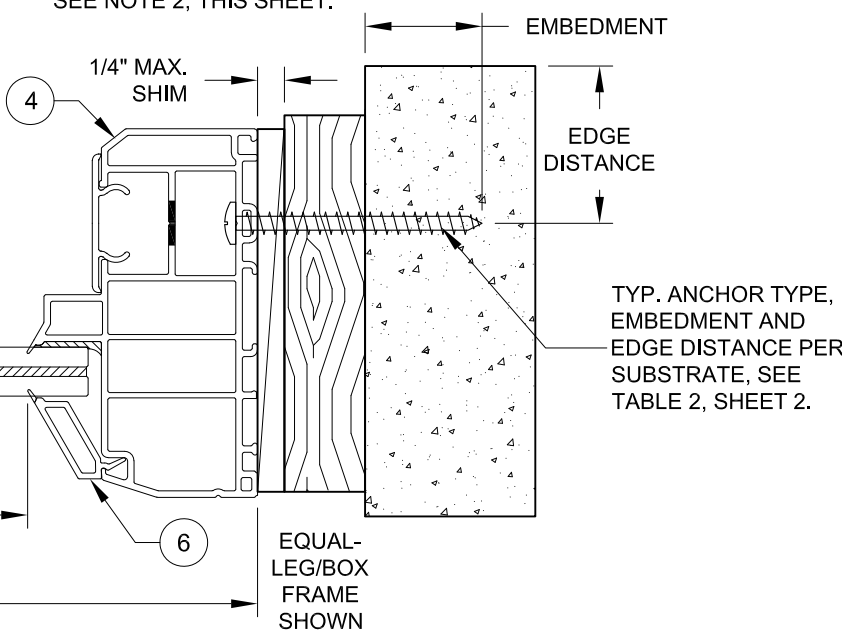
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 2, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 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 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.

VISIBLE LIGHT FORMULAS
WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"

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

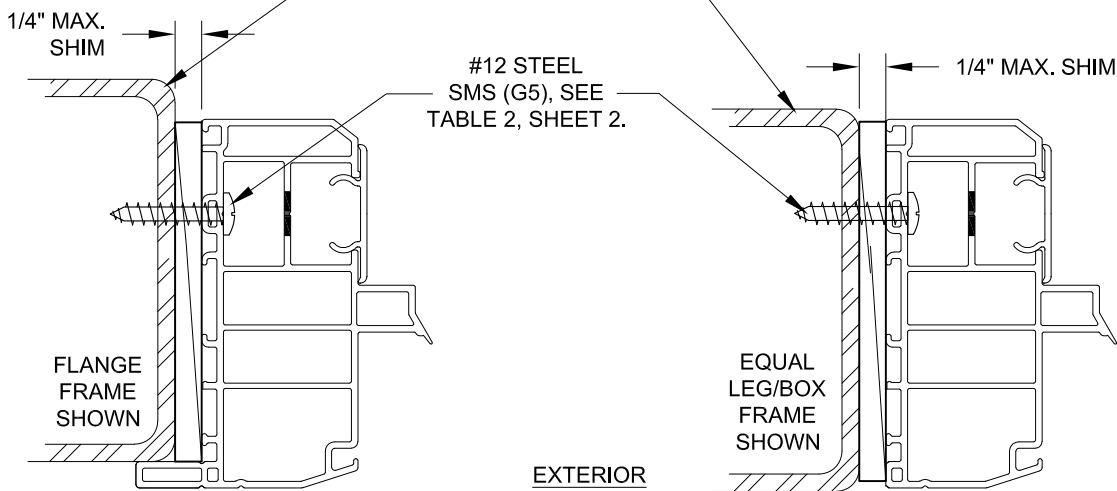


INSTALLATION OPTION 3
ANCHORED THROUGH FRAME AND 1X
BUCKSTRIP INTO CONCRETE/CMU.
SEE NOTE 2, THIS SHEET.



HORIZONTAL SECTION A-A

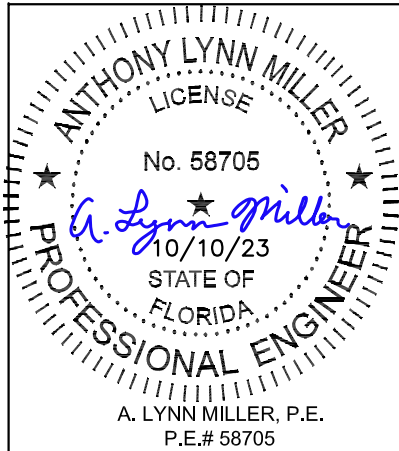
FBC APPROVED MULLION, FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD.
MAY BE VERTICAL OR HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLE 3, SHEET 2.



INSTALLATION
OPTION 4
ANCHORED THROUGH FRAME INTO METAL

INSTALLATION
OPTION 4
ANCHORED THROUGH FRAME INTO METAL

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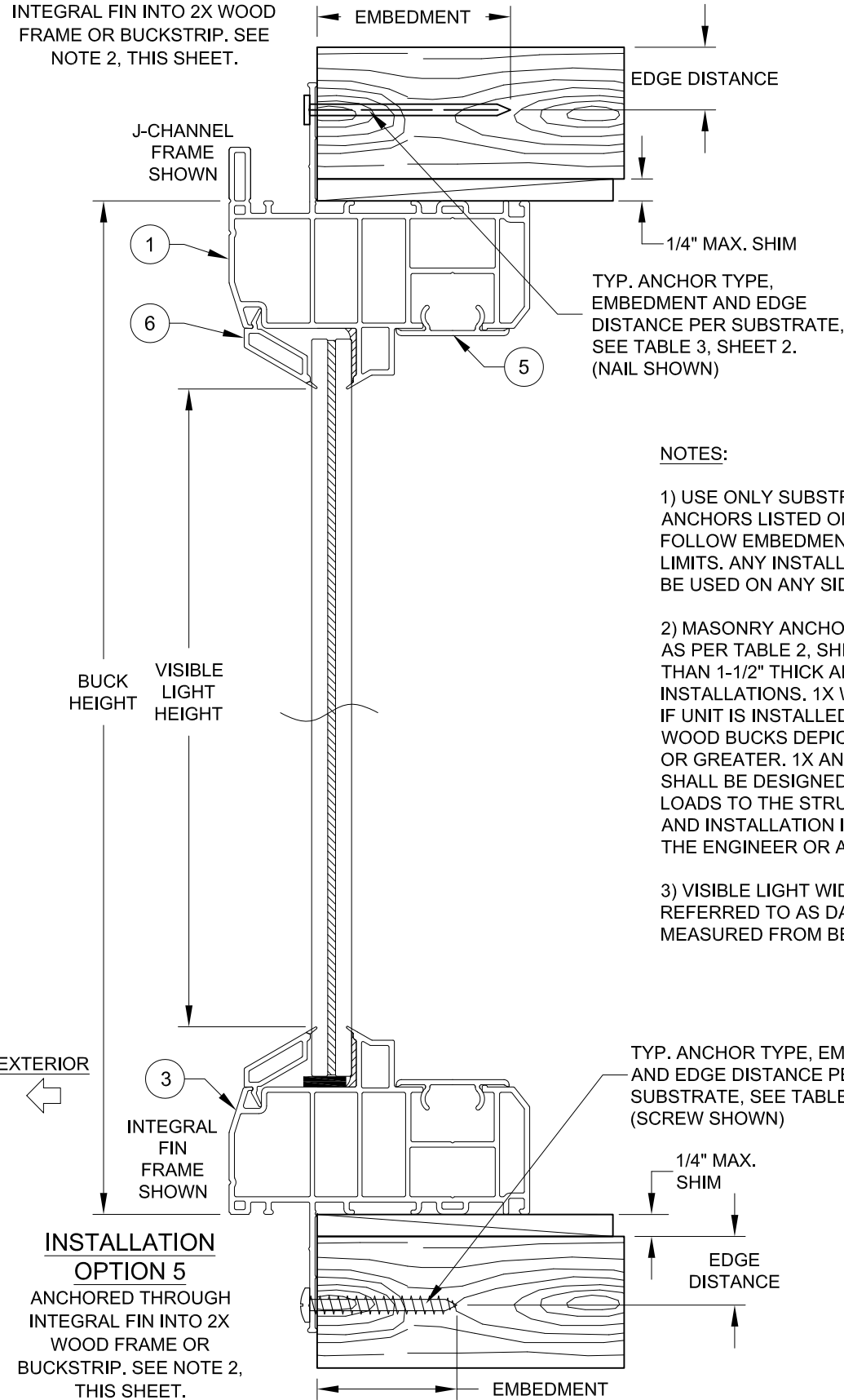


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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

Series	Rev B	Rev A	Desc.	VINYL FIXED WINDOW (LMI)					Date	06/06/19	
				FLANGE & EQUAL LEG/BOX FRAMES					Drawn By	J ROSOWSKI	
PW-5520		Scale	NTS	Sheet	3 OF 6	DWG No.	PW5520 LAMI	Rev. No.	B		

INSTALLATION DETAILS FOR INTEGRAL FIN & J-CHANNEL FRAMES

INSTALLATION OPTION 5
ANCHORED THROUGH
INTEGRAL FIN INTO 2X WOOD
FRAME OR BUCKSTRIP. SEE
NOTE 2, THIS SHEET.



VERTICAL SECTION D-D

TYP. ANCHOR TYPE,
EMBEDMENT AND EDGE
DISTANCE PER SUBSTRATE,
SEE TABLE 3, SHEET 2.
(NAIL SHOWN)

NOTES:

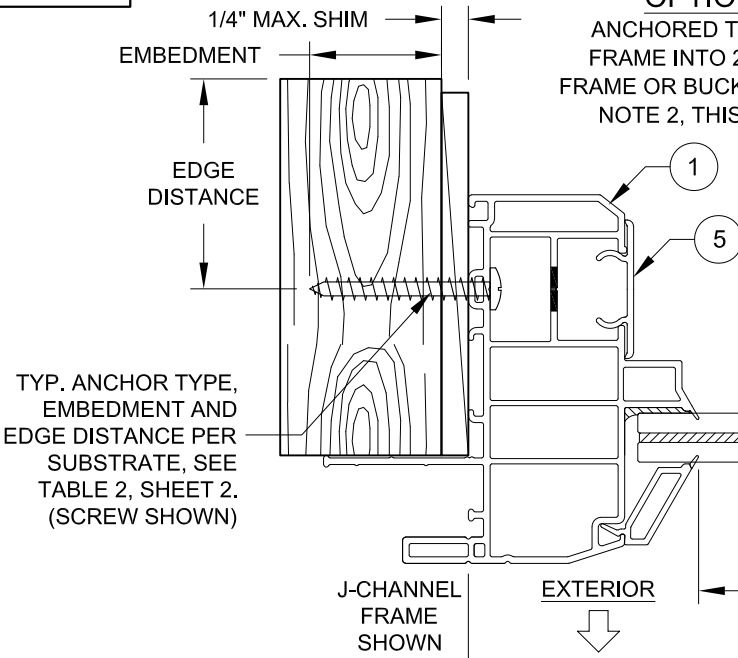
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO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

TYP. ANCHOR TYPE, EMBEDMENT
AND EDGE DISTANCE PER
SUBSTRATE, SEE TABLE 3, SHEET 2.
(SCREW SHOWN)

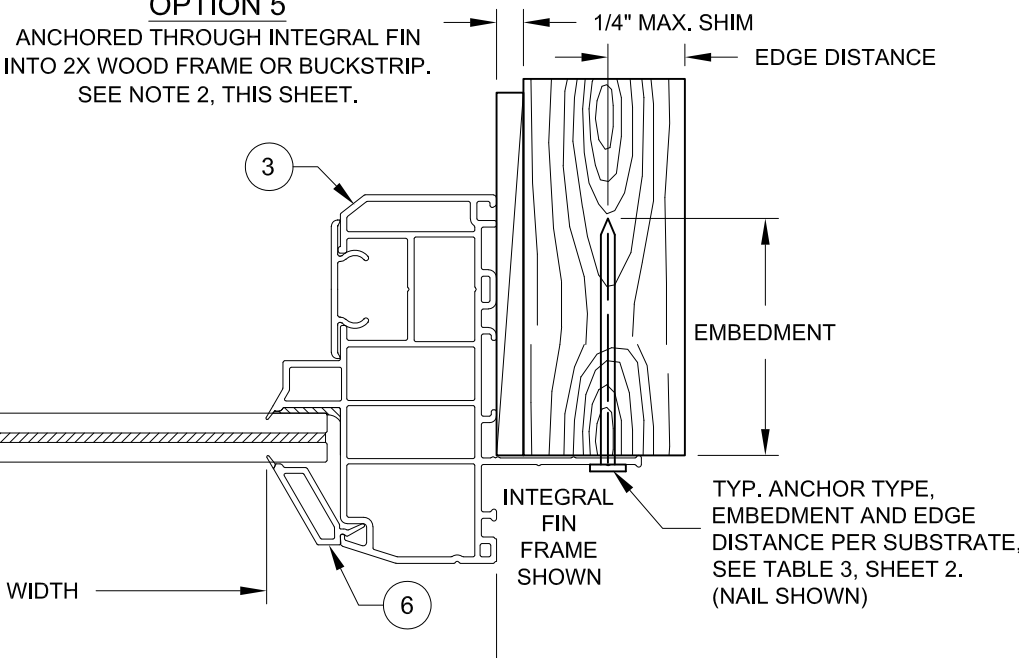
VISIBLE LIGHT FORMULAS

WIDTH: BUCK WIDTH - 4-3/16"
HEIGHT: BUCK HEIGHT - 4-3/16"

INSTALLATION
OPTION 6
ANCHORED THROUGH
FRAME INTO 2X WOOD
FRAME OR BUCKSTRIP. SEE
NOTE 2, THIS SHEET.

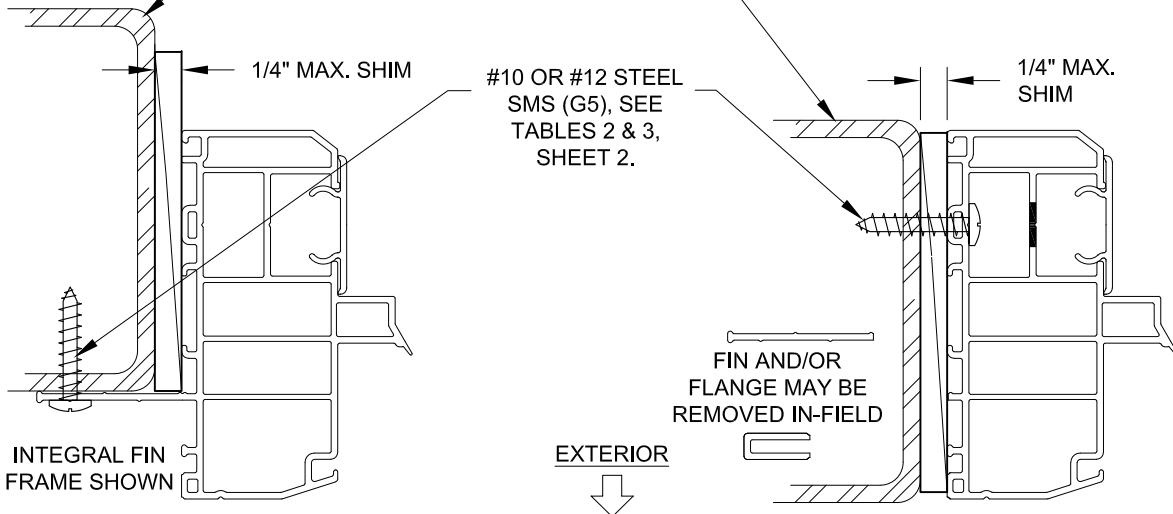


INSTALLATION
OPTION 5
ANCHORED THROUGH INTEGRAL FIN
INTO 2X WOOD FRAME OR BUCKSTRIP.
SEE NOTE 2, THIS SHEET.



HORIZONTAL SECTION C-C

FBC COMPLIANT ALUMINUM/STEEL FRAMING OR STEEL STUD, MAY BE VERTICAL OR
HORIZONTAL. SEE SUBSTRATE PROPERTIES, TABLES 2 & 3, SHEET 2.



INSTALLATION OPTION 7
INSTALLATION THROUGH THE INTEGRAL FIN,
INTO METAL, SEE TABLE 3, SHEET 2.

INSTALLATION OPTION 8
INSTALLATION THROUGH THE FRAME,
INTO METAL, SEE TABLE 2, SHEET 2.



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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

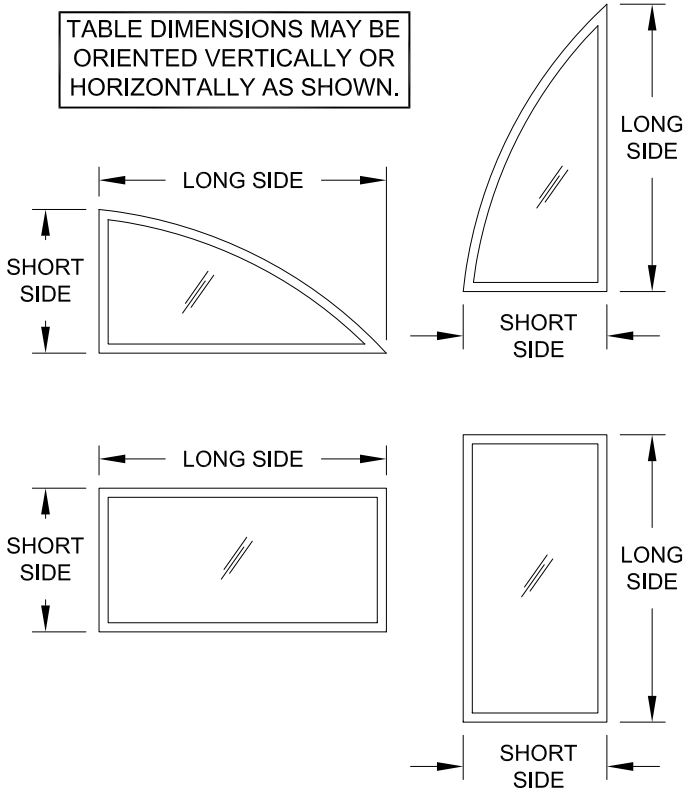
Title	VINYL FIXED WINDOW (LMI)						Date	06/06/19			
	Desc.	J-CHANNEL & INTEGRAL FIN FRAMES				Drawn By	J ROSOWSKI				
Rev A											
Rev B											
Series	PW-5520	Scale	NTS		Sheet	4 OF 6		DWG No.	PW5520 LAMI	Rev. No.	B

TABLE 4:

Window Design Pressure, (+/- psf)												Use this table for Glass Types:	1																																																			
7/16" A/A PVB																																																																
Window Dimensions		Long Side (in)																																																														
		69.649	71	73	75	78	80	85	86	89	92	96	99																																																			
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																																			
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																																			
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																																			
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																																			
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																																			
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.3	+/-65.6																																																			
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.7	+/-65.3	+/-62.6																																																			
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.7	+/-66.3	+/-62.8	+/-60.7																																																			
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.2	+/-66.7	+/-64.2	+/-60.9	+/-58.7																																																			
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.3	+/-67.4	+/-64.8	+/-62.3	+/-58.9																																																				
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.7	+/-65.8	+/-63.1	+/-60.6																																																					
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-65.1	+/-64.2	+/-61.5																																																						
	56	+/-70	+/-70	+/-70	+/-70	+/-69.6	+/-68	+/-63.6	+/-62.7																																																							
	57	+/-70	+/-70	+/-70	+/-70	+/-68.6	+/-67	+/-62.9																																																								
	60	+/-70	+/-70	+/-70	+/-68.5	+/-65.9	+/-64.2	<table><tr><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td colspan="5">APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)</td><td colspan="5">APPLIES TO F ANCHORS (SEE TABLE 3)</td></tr><tr><td colspan="5">15.5"</td><td colspan="5">4"</td></tr><tr><td colspan="5"></td><td colspan="5"></td></tr><tr><td colspan="5"></td><td colspan="5"></td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4					APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)					APPLIES TO F ANCHORS (SEE TABLE 3)					15.5"					4"																								
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																																																										
	APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)					APPLIES TO F ANCHORS (SEE TABLE 3)																																																										
	15.5"					4"																																																										
62	+/-70	+/-70	+/-68.7	+/-66.8	+/-64.1																																																											
64	+/-70	+/-69.1	+/-67.2	+/-65.2																																																												
66	+/-68.7	+/-67.7	+/-65.6																																																													
68	+/-67.3	+/-66.3																																																														
69.649	+/-66																																																															

TABLE 5:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	2																															
7/16" H/H PVB																																												
Window Dimensions		Long Side (in)																																										
		69.649	71	73	75	78	80	85	86	89	92	96	99																															
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																															
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																	
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																		
	56	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																			
	57	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70																																				
	60	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	<table><tr><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td colspan="5">APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)</td><td colspan="5">APPLIES TO F ANCHORS (SEE TABLE 3)</td></tr><tr><td colspan="5">15.5"</td><td colspan="5">3.9"</td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4					APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)					APPLIES TO F ANCHORS (SEE TABLE 3)					15.5"					3.9"				
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																																						
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66	+/-70	+/-70	+/-70																																									
68	+/-70	+/-70																																										
69.649	+/-70																																											



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

Revision:

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

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06/06/19

Date

By

J ROSOWSKI

06/06/19

Date

By

J ROSOWSKI

5 OF 6

Sheet

NTS

PW-5520

Scale

Series

Desc.

Title

DESIGN PRESSURE TABLES

PW-5520

NTS

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Sheet

NTS

PW-5520

Scale

Series

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1070 TECHNOLOGY DRIVE
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5 OF 6

Sheet

NTS

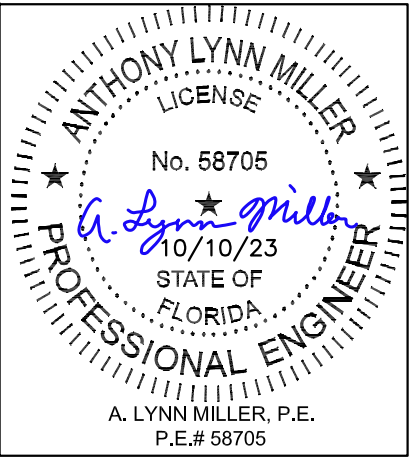
PW-5520

Scale

Series

Desc.

Title



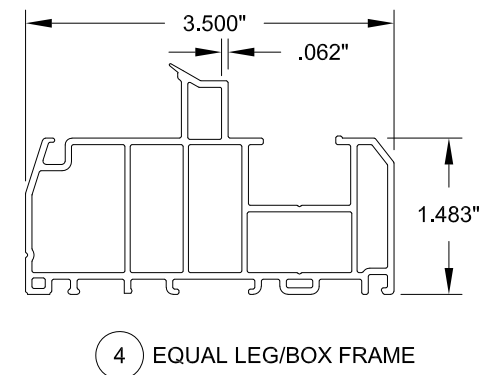
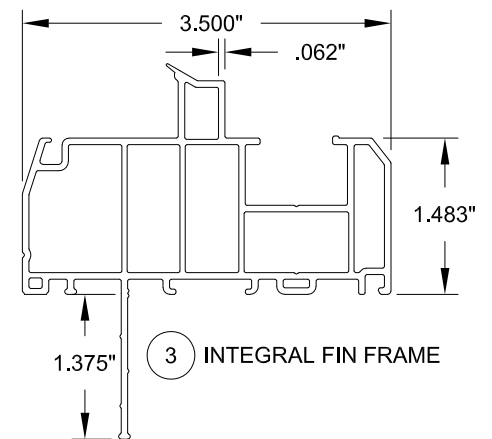
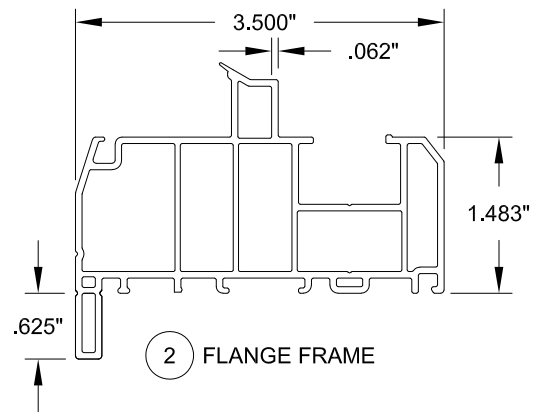
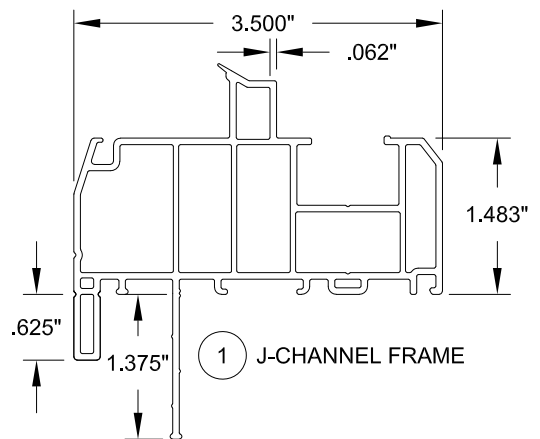
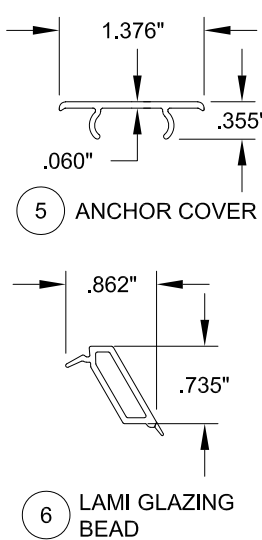
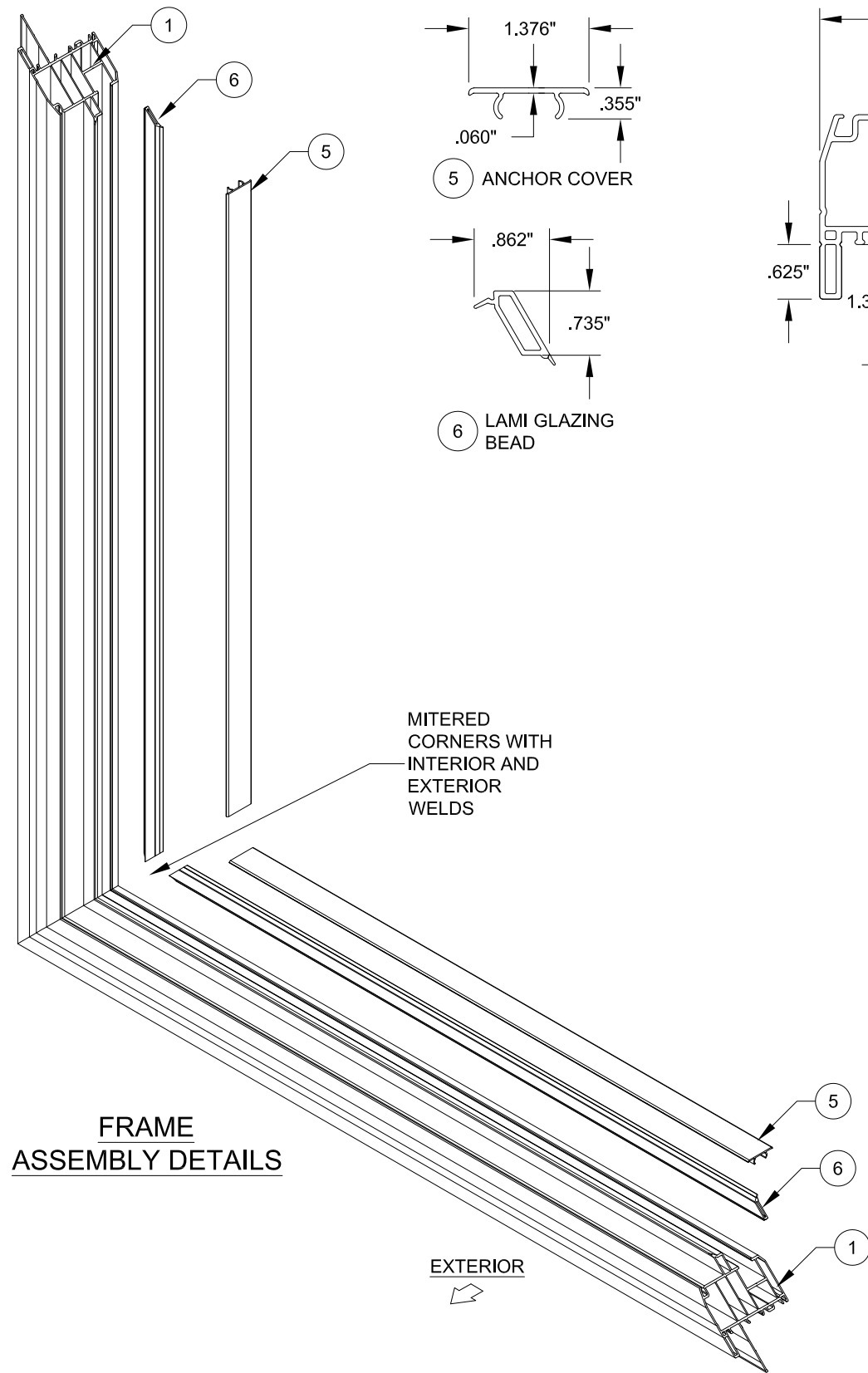


TABLE 6:

#	Part #	Description	Material
1	620117	J-channel Frame	PVC
2	620118	Flange Frame	PVC
3	620119	Integral Fin Frame	PVC
4	620120	Equal Leg/Box Frame	PVC
5	620133	Anchor Cover	PVC
6	620333	Lami Glazing Bead	PVC
74		Backbedding, GE 7700 or Dow 791, 983	Silicone
78	71646N	Setting Block (1/8" x 1/2" x 4")	EPDM

- NOTES:
- 1) SOME PARTS NOT SHOWN FOR CLARITY.
 - 2) J-CHANNEL FRAME SHOWN, PART #1. OTHER FRAME TYPES APPLY.
 - 3) ITEMS # 7-73, 75-77 & 79 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.
 - 4) ENERGI PVC TO BE LABELED FOR AAMA EXTRUDER CODE.

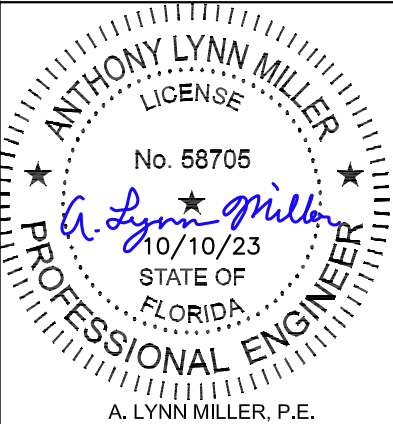


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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

Series	Title	VINYL FIXED WINDOW (LMI)										Date	06/06/19		
	Desc.	BOM & ASSEMBLY								Drawn By	J ROSOWSKI				
	Rev A														
	Rev B														
	Rev C														
	PW-5520	Scale	NTS		Sheet	6 OF 6		DWG No.	PW5520 LAMI				Rev. No.	B	

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P.E.# 58705