

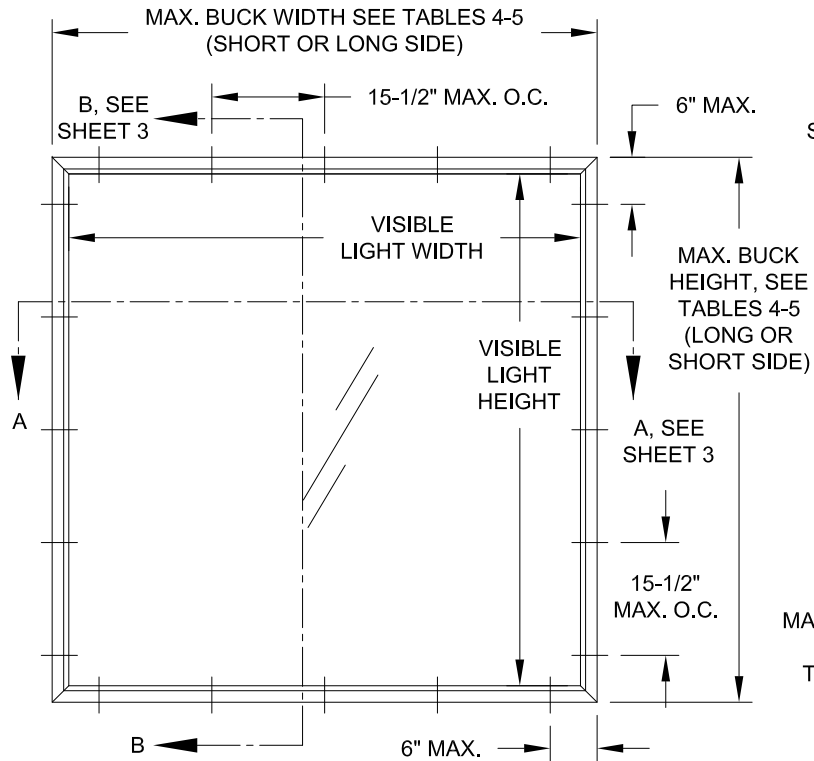
FLORIDA PRODUCT APPROVAL #29700

- 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.

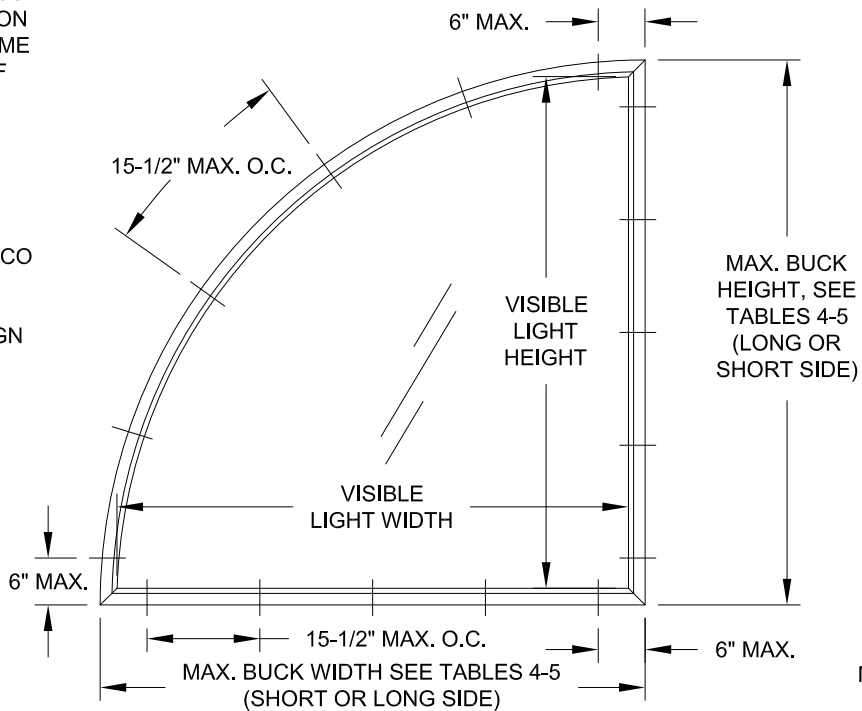
GENERAL NOTES & ELEVATIONS.....	1
FRAME, GLASS & ANCHOR OPTIONS.....	2
INSTALLATION, FLANGE & EQUAL LEG.....	3
INSTALLATION, INTEGRAL FIN & J-CHANNEL.....	4
FRAME ASSEMBLY TUBE.....	5-6
DESIGN PRESSURES.....	7
BOM & ASSEMBLY.....	8

VISIBLE LIGHT FORMULAS

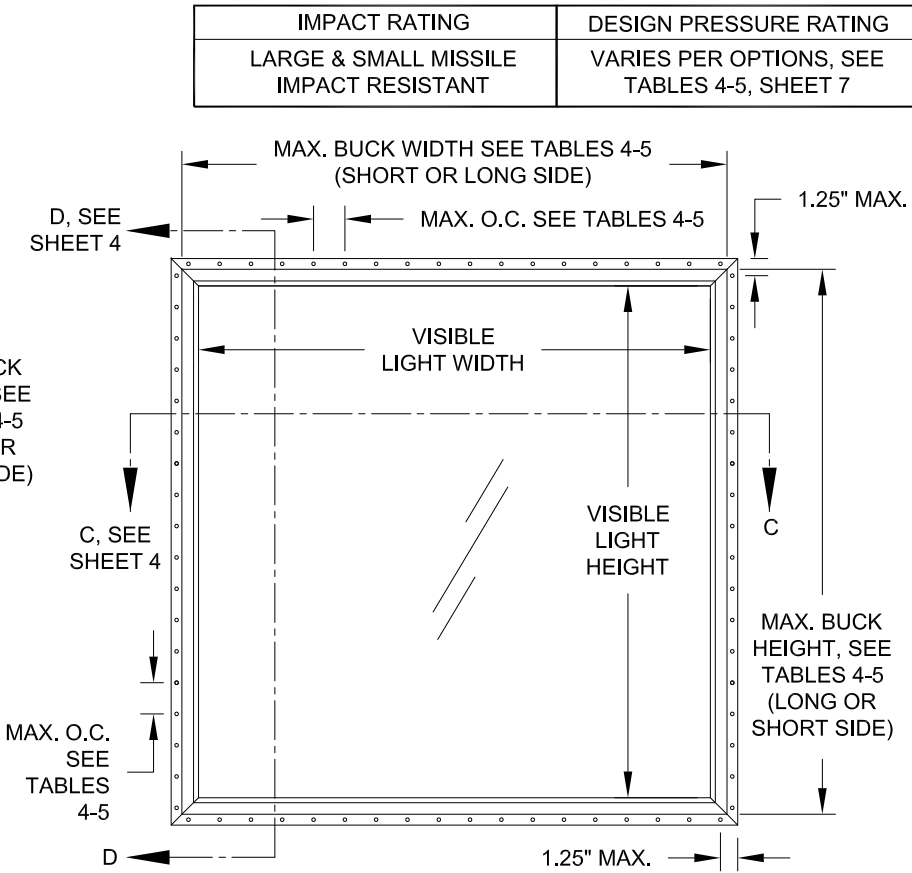
WIDTH: BUCK WIDTH - 6-3/4"
 HEIGHT: BUCK HEIGHT - 6-3/4"



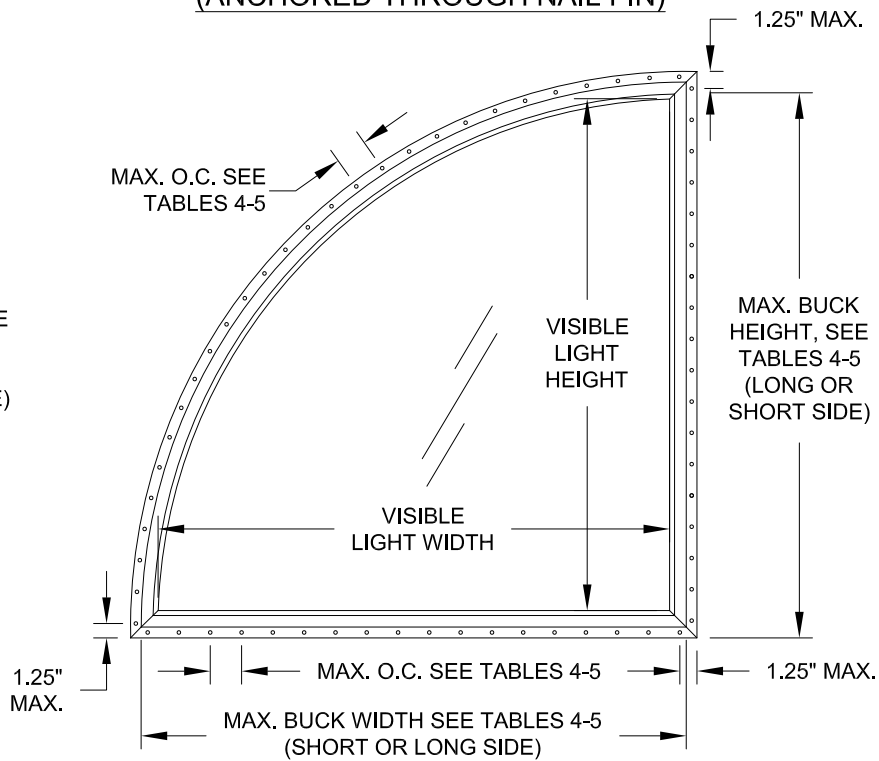
TYP. EQUAL-LEG/BOX &
FLANGE FRAME (90° CORNERS)



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	VARIABLES PER OPTIONS, SEE TABLES 4-5, SHEET 7

UPDATED TITLE
BLOCK - JR - 10/10/20

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

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06/05/19

(11)

OSOWSKI

Rev.	B
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DMG	∞
No.	

1 OF 8

heat

NTS

PW-5540



CERT. OF AUTH. #29296

VINYL FIXED CASEMENT WINDOW (LMI)

GENERAL NOTES & ELEVATIONS

PW-5540

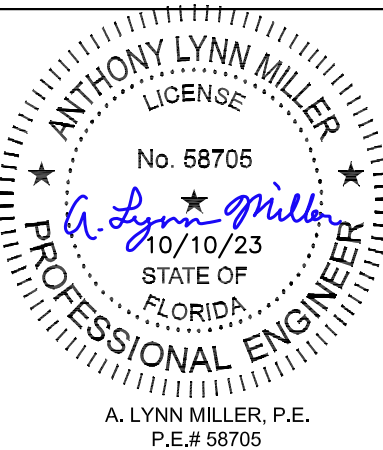


TABLE 1: ALLOWABLE GLASS TYPES

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)	5	7

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

TABLE 2: ANCHORS INSTALLED THROUGH FRAME

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+	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 3 ksi)	1"	1-3/8"
B	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
		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.)
	1/4" steel Ultracon+	Aluminum, 6063-T5*	3/8"	0.063"
		P.T. Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" steel Ultracon+	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
		1/4" steel Creteflex	1"	1-3/8"
	1/4" steel Aggre-Gator	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
		Concrete (min. 3 ksi)	1-3/16"	1-3/4"
D	1/4" steel Ultracon+	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
		Concrete (min. 3.35 ksi)	1"	1-3/4"
	1/4" steel Creteflex	Concrete (min. 3 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"

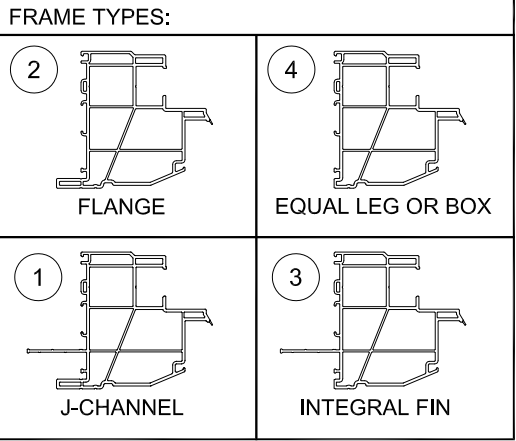
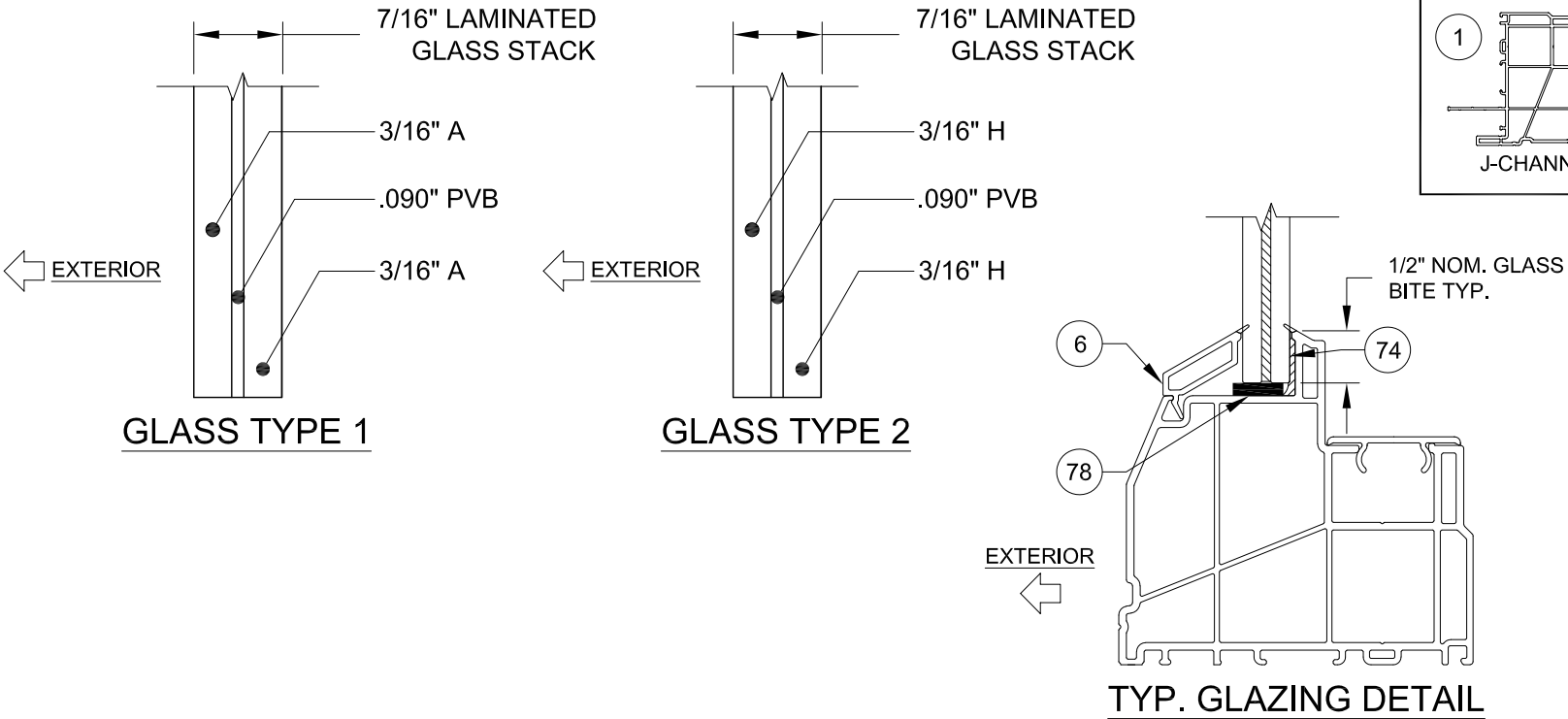
* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
ALL HEAD TYPES APPLICABLE.

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

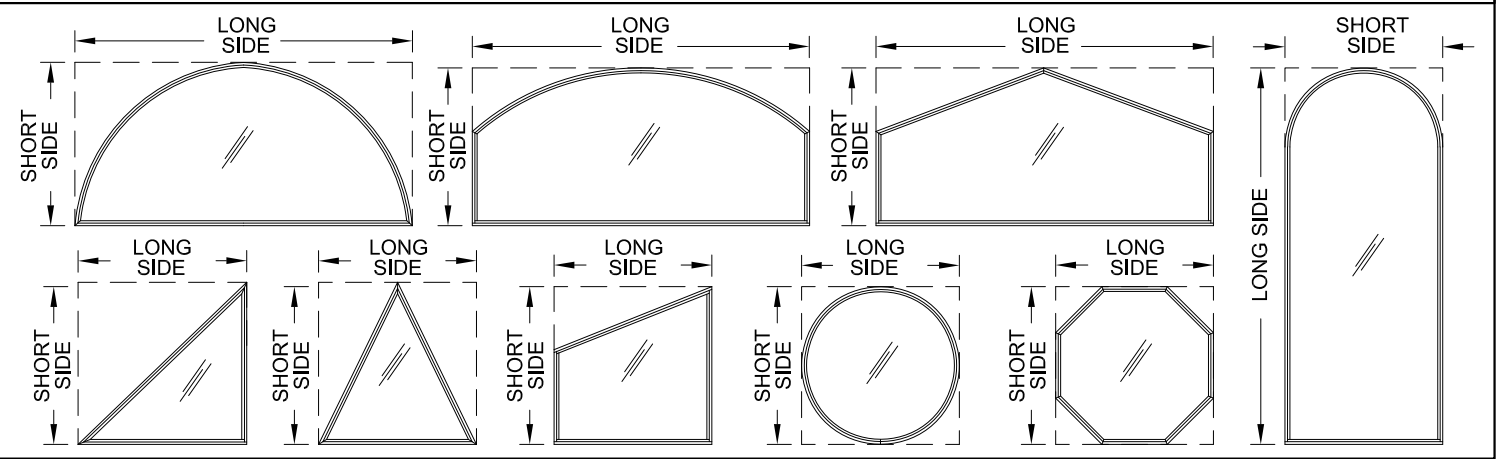
Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
F	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
		P.T. Southern Pine (SG=.55)	1/2"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.050"
		Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ga.)
	#10 Trusshead SMS (steel, 18-8 S.S. or 410 S.S.)	Steel, A36*	3/8"	0.050"
		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"
	#12 SMS (steel, 18-8 S.S. or 410 S.S.)	Steel, A36*	3/8"	0.050"
		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"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.ALL HEAD TYPES APPLICABLE.

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.



ALL ARCHITECTURAL WINDOW SHAPES QUALIFIED, COMMON EXAMPLES SHOWN. INSCRIBE THE SHAPE IN A BLOCK (SEE EXAMPLES BELOW), AND OBTAIN DESIGN PRESSURES FOR THAT BLOCK SIZE FROM DESIGN PRESSURE TABLES 4-5, SHEET 7.



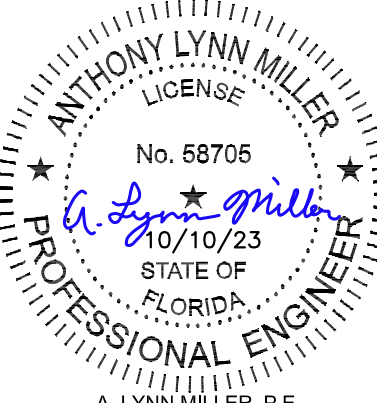


CERT. OF AUTH. #29296

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

Series Rev B	PW-5540	Scale	NTS	Sheet	2 OF 8	DWG No.	PW5540 LAMI	Rev. No.	B	Title	VINYL FIXED CASEMENT WINDOW (LMI)	Date	06/05/19
											GLASS/ANCHORS/FRAME OPTIONS	Drawn By	J ROSOWSKI
ADDED ULTRACON+ ANCHORS - JR - 9/8/2020													

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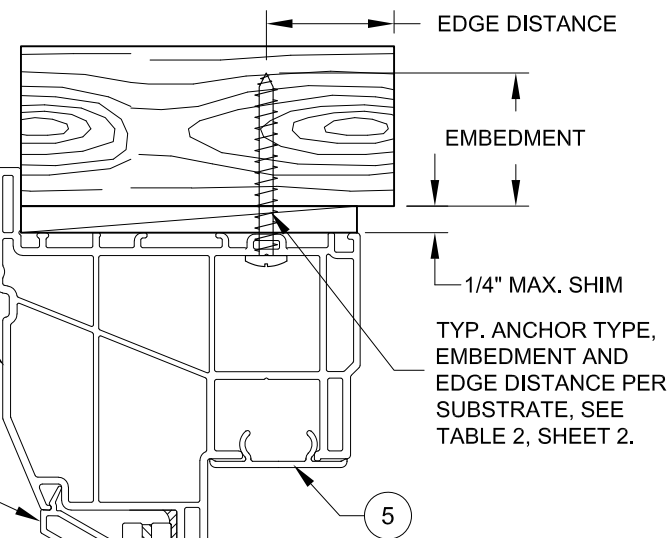


ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION

OPTION 1

FLANGE
FRAME
SHOWN



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.

TYP. ANCHOR TYPE,
EMBEDMENT AND
EDGE DISTANCE PER
SUBSTRATE, SEE
TABLE 2, SHEET 2.

1/4" MAX. SHIM

EMBEDMENT

- EDGE DISTANCE

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

VERTICAL SECTION B-B

1/4" MAX. SHIM

EDGE DISTANCE

TYP. EMBE

EDGE SUBS

TABL

EQUAL-LEG/BOX FRAME SHOWN

—TYP. ANCHOR TYPE,
EMBEDMENT AND
EDGE DISTANCE PER
SUBSTRATE, SEE
TABLE 2, SHEET 2.

HORIZONTAL SECTION A-A

1/4" MAX. SHIM

#12 STEEL SMS (G5), SEE TABLE 2, SHEET 2.

FLANGE FRAME SHOWN

1/4" MAX. SHIM

EQUAL LEG/BOX FRAME SHOWN

EXTERIOR

INSTALLATION OPTION 4

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION OPTION 4

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION

OPTION 4

ANCHORED THROUGH FRAME INTO METAL

INSTALLATION

OPTION 4

ANCHORED THROUGH FRAME INTO METAL

VISIBLE LIGHT FORMULAS

WIDTH: BUCK WIDTH - 6-3/4"
HEIGHT: BUCK HEIGHT - 6-3/4"

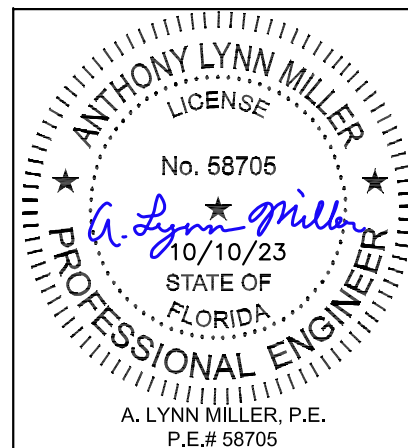


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1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)-480-1600

Series	PW-5540	Scale	NTS	Sheet	3 OF 8	DWG No.	PW5540 LAMI	Rev. No.	E
Rev B									
Rev A									
Desc.	FLANGE & EQUAL LEG/BOX FRAMES						Drawn By	J ROSOWSKI	
Title	VINYL FIXED CASEMENT WINDOW (LMI)							Date	06/05/1

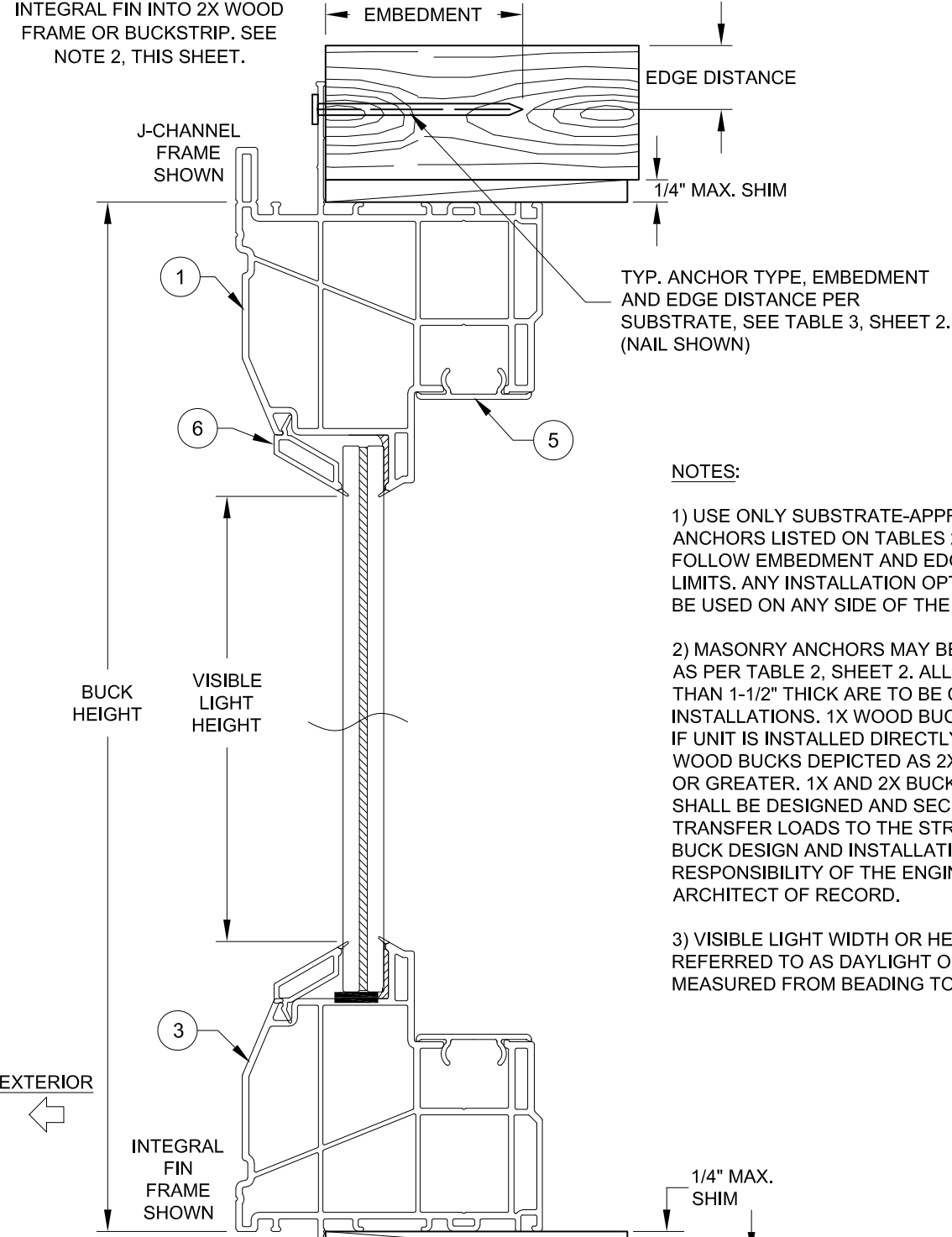
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INSTALLATION DETAILS FOR INTEGRAL FIN & J-CHANNEL FRAMES

INSTALLATION OPTION 5

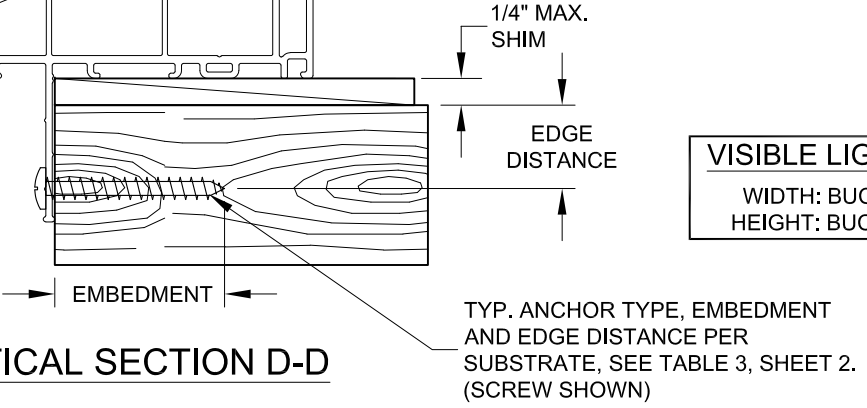
ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.



INSTALLATION OPTION 5

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

VERTICAL SECTION D-D



NOTES:

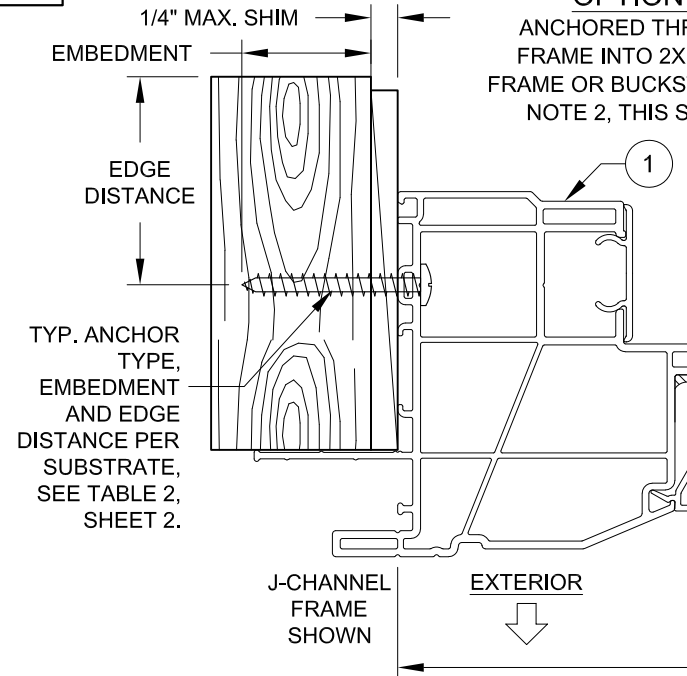
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLES 2 & 3, SHEET 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 2, SHEET 2. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO 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 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.

VISIBLE LIGHT FORMULAS

WIDTH: BUCK WIDTH - 6-3/4"
HEIGHT: BUCK HEIGHT - 6-3/4"

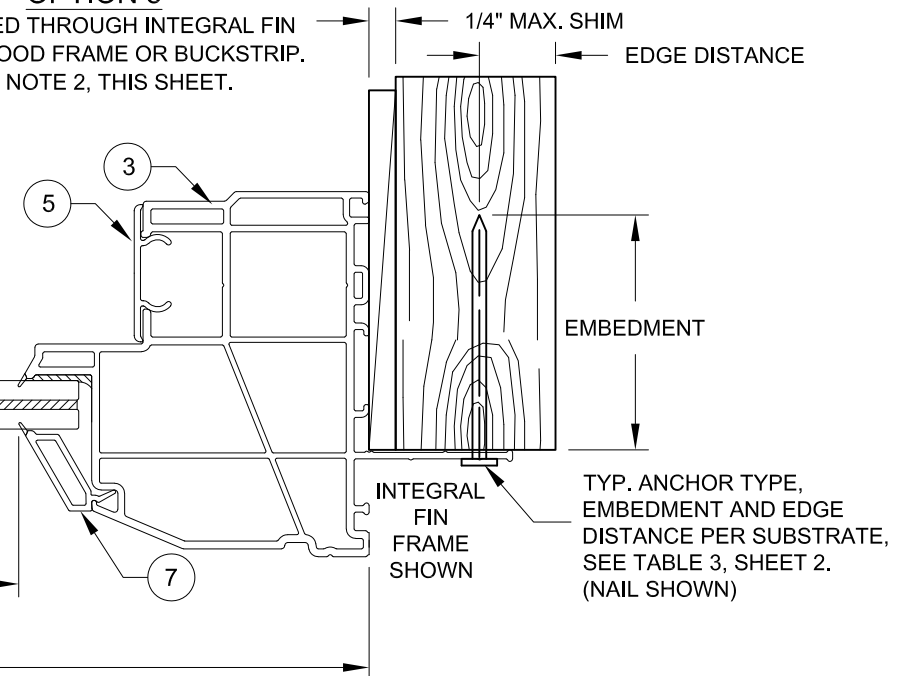
INSTALLATION OPTION 6

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



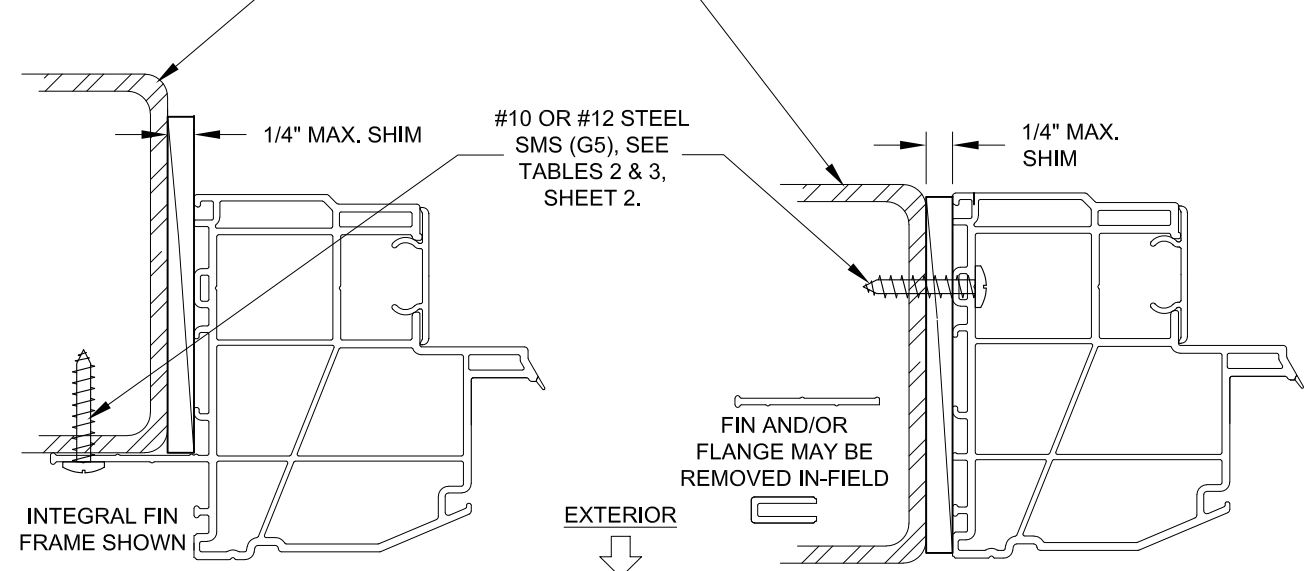
INSTALLATION OPTION 5

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

Series Rev A	Title		Date	
	VINYL FIXED CASEMENT WINDOW (LMI)		06/05/19	
	J-CHANNEL & INTEGRAL FIN FRAMES		Drawn By	J ROSOWSKI
PW-5540		Scale	NTS	Sheet
				4 OF 8
		DWG No.	PW5540 LAMI	Rev. No.
				B

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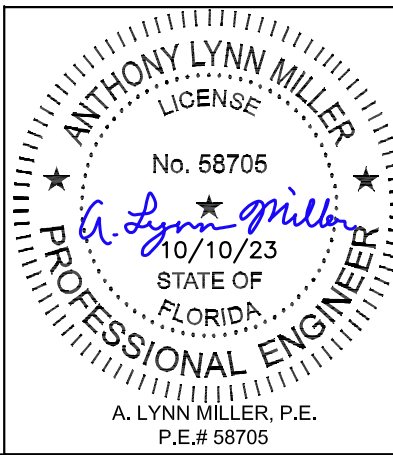


ILLUSTRATION OF FIXED CASEMENT-
TO-FIXED CASEMENT (OO)

(EQUAL LEG/BOX FRAME WITH IDENTICAL PRODUCTS COMBINED)

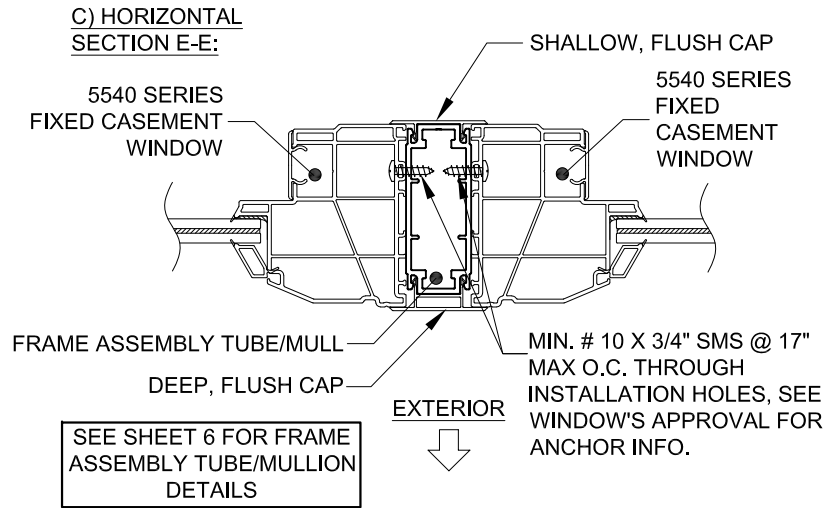
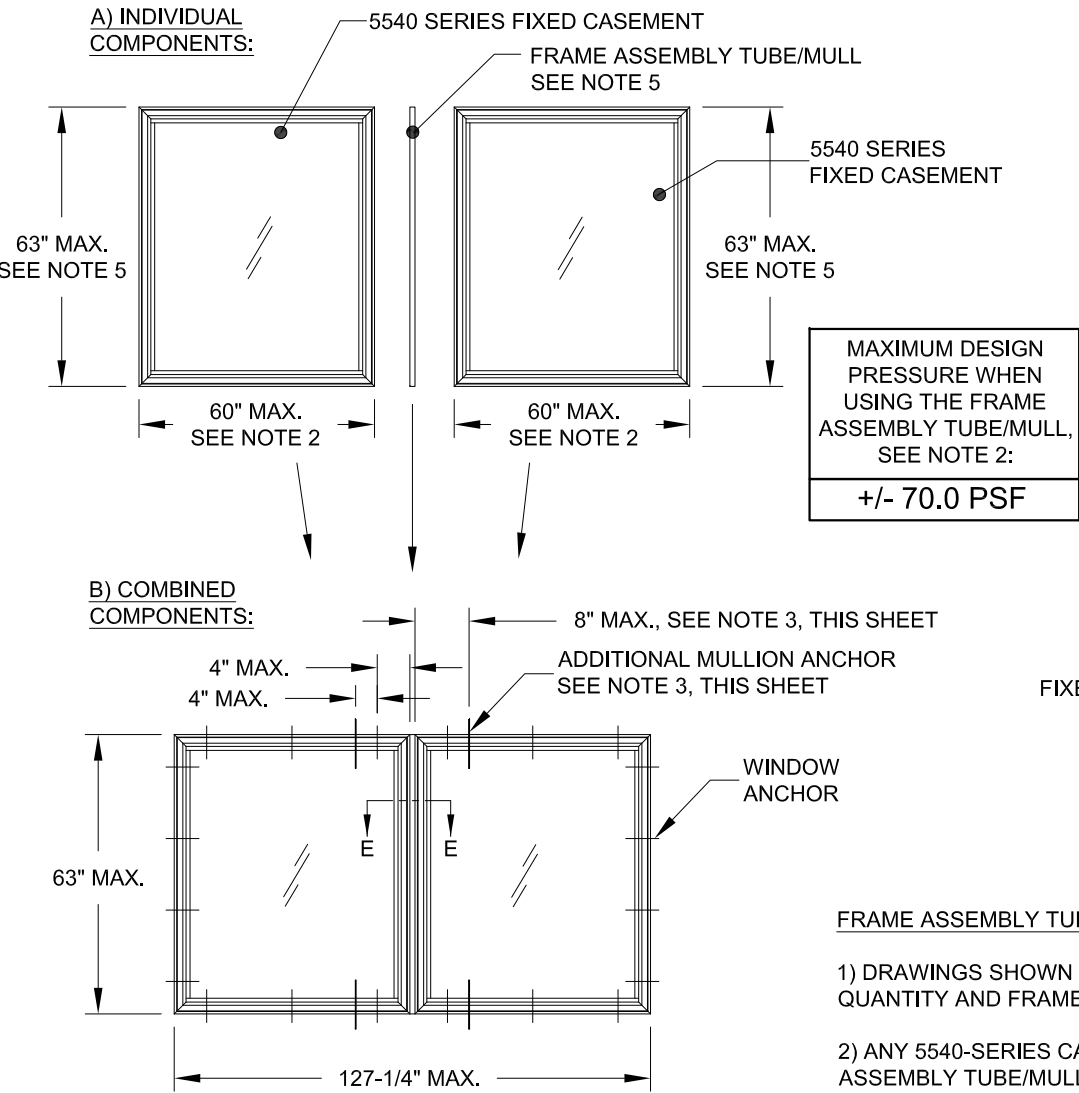
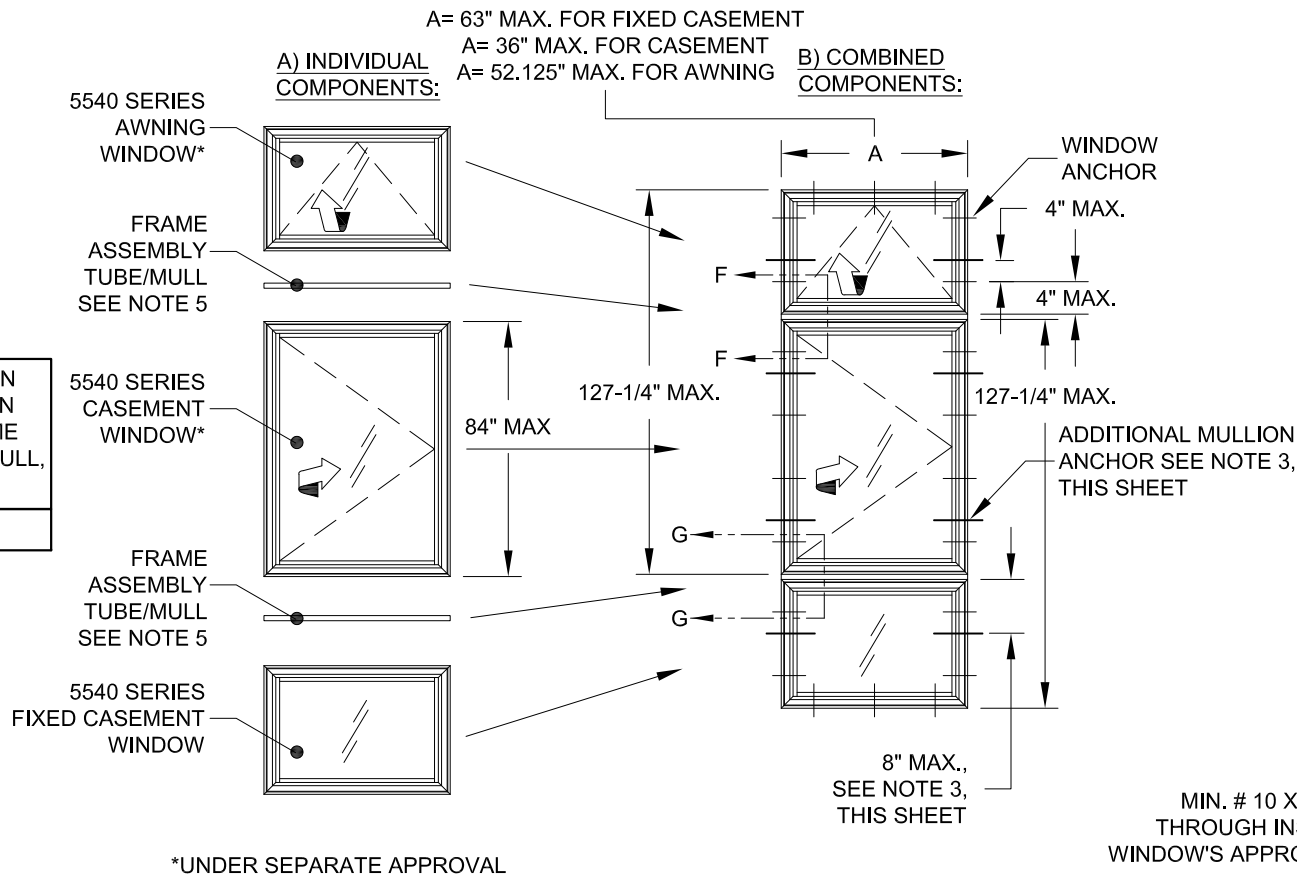


ILLUSTRATION OF AWNING-TO-CASEMENT-TO-FIXED CASEMENT (X/X/O)

(FLANGE FRAME WITH DIFFERENT 5540 SERIES PRODUCTS COMBINED)



VERTICAL SECTION F-F

MIN. # 10 X 3/4" SMS @ 17" MAX O.C. THROUGH INSTALLATION HOLES, SEE WINDOW'S APPROVAL FOR ANCHOR INFO.

EXTERIOR

VERTICAL SECTION G-G

MIN. # 10 X 3/4" SMS @ 17" MAX O.C. THROUGH INSTALLATION HOLES, SEE WINDOW'S APPROVAL FOR ANCHOR INFO.

5540 SERIES FIXED CASEMENT WINDOW (HEAD)

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 (UNDER SEPARATE APPROVAL), AWNING (UNDER SEPARATE APPROVAL) OR FIXED CASEMENT WINDOW 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.



Title	VINYL FIXED CASEMENT WINDOW (LMI)						Date	06/05/19	
	FRAME ASSEMBLY TUBE DETAILS A					Drawn By	J ROSOWSKI		
Rev A									
Rev B									
Series	PW-5540	Scale	NTS	Sheet	5 OF 8	DWG No.	PW5540 LAMI	Rev. No.	B

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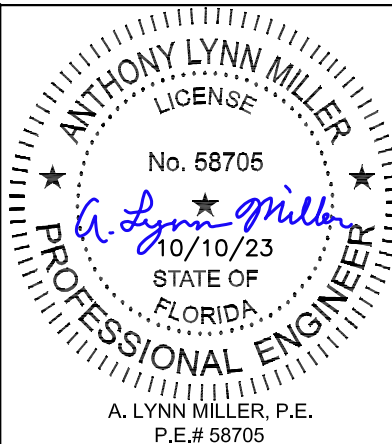
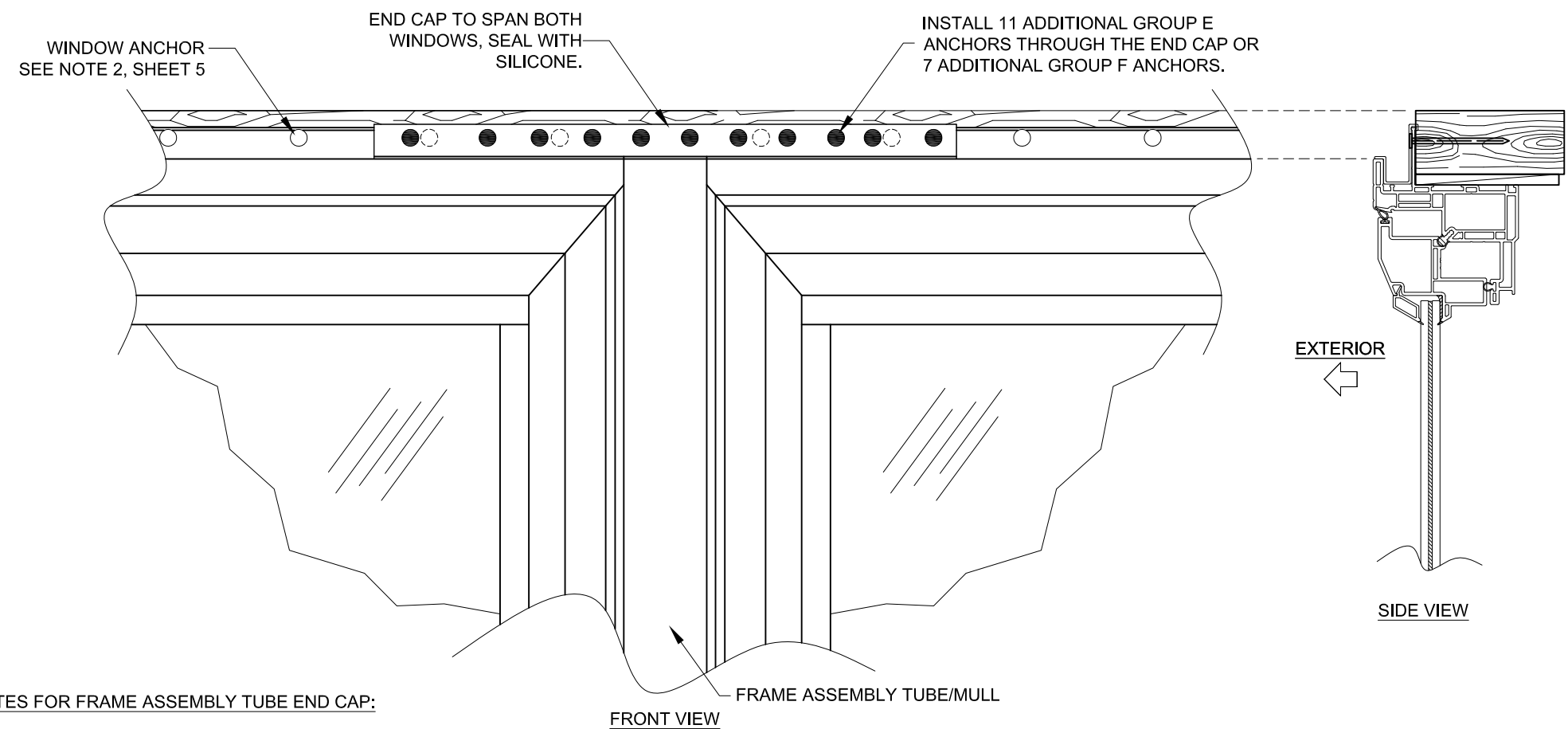
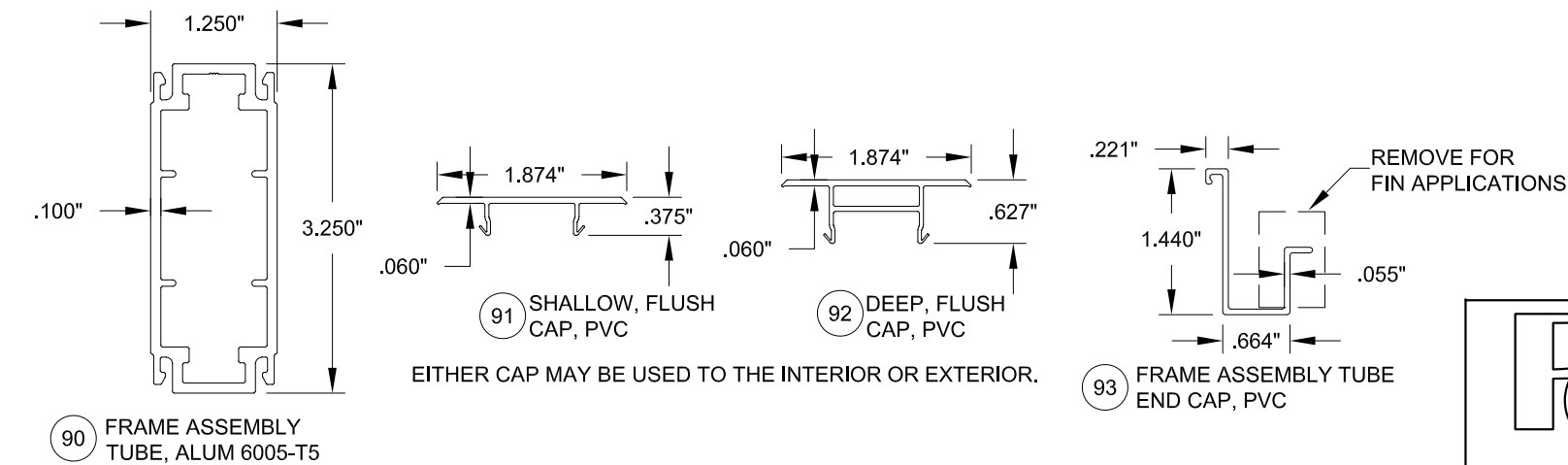


ILLUSTRATION OF END CAP USE WITH FIN AND J-CCHANNEL FRAMES



NOTES FOR FRAME ASSEMBLY TUBE END CAP:

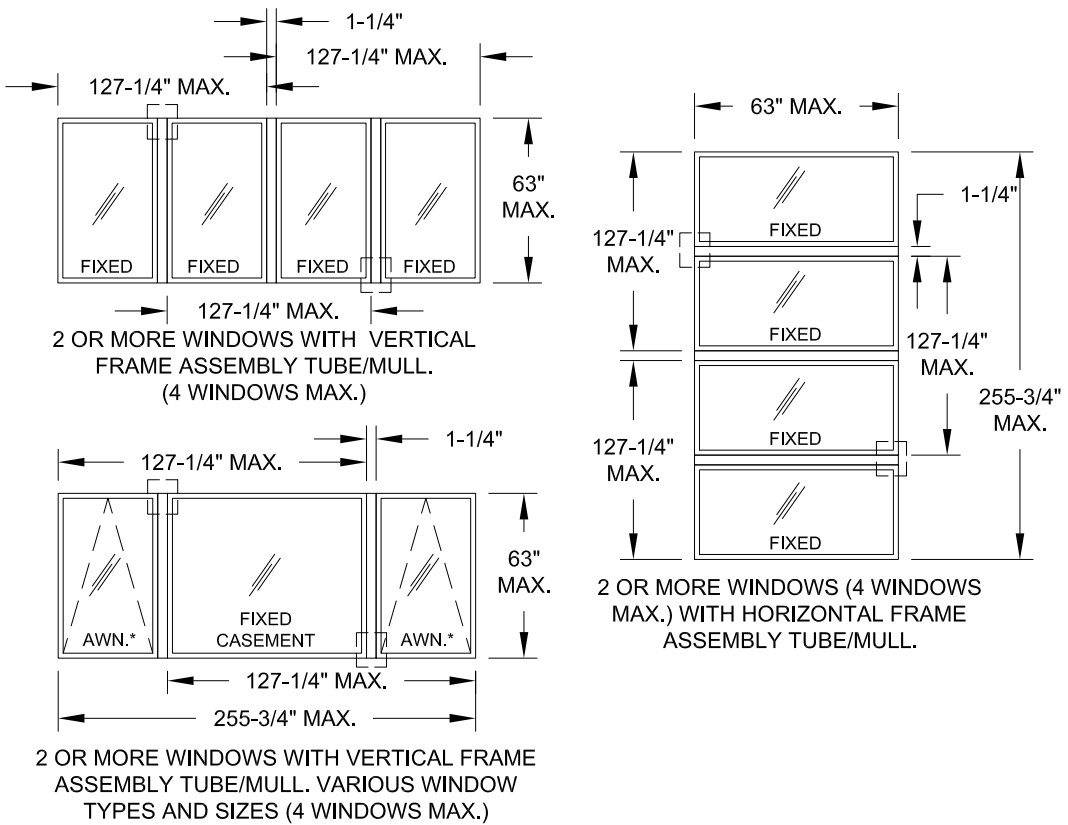
- 1) APPLIES TO FIN OR J-CHANNEL FRAMES.
- 2) REQUIRED AT HEADER/SILL OR JAMBS TO SEAL THE END OF THE FRAME ASSEMBLY TUBE.
- 3) ALL WINDOW TYPES AND FRAME ASSEMBLY TUBE ORIENTATIONS APPLICABLE, SEE SHEET 5.
- 4) END CAP MAY REQUIRE IN-FIELD TRIMMING. STANDARD LENGTH IS 14".



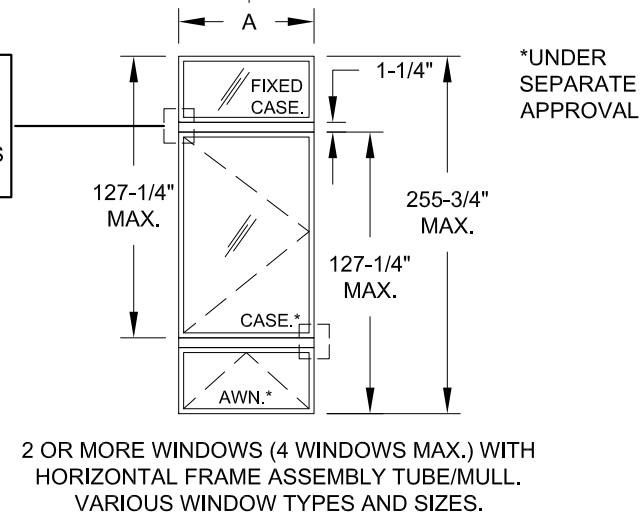
FRAME ASSEMBLY TUBE NOTE:

REFER TO SHEET 5 FOR THROUGH-FRAME
ANCHORAGE AND THIS SHEET
FOR NAIL FIN ANCHORAGE DETAILS
TYP. AT ALL FRAME ASSEMBLY TUBE ENDS
BOTH HORIZONTAL AND VERTICAL

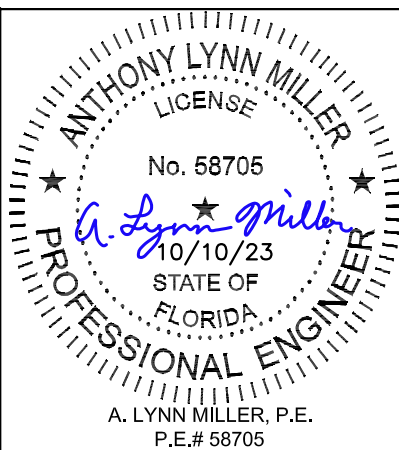
EXAMPLE CONFIGURATIONS WHEN USING THE FRAME ASSEMBLY TUBE/MULL. FOR
TEES, CROSSES OR ASSEMBLIES WITH MORE THAN 4 UNITS USE CLIPPED, TUBE
MULLION UNDER SEPARATE APPROVAL.



A= 63" MAX. FOR FIXED CASEMENT
A= 36" MAX. FOR CASEMENT
A= 52.125" MAX. FOR AWNING



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

Series Rev B	Title		Date	
	VINYL FIXED CASEMENT WINDOW (LMI)		06/05/19	
	FRAME ASSEMBLY TUBE DETAILS B		Drawn By	J ROSOWSKI
	PW-5540		Scale	NTS
Sheet		6 OF 8		DWG No.
PW5540 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	+/-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	+/-70	+/-68.3	+/-67.4	+/-64.8	+/-62.3	+/-58.9	
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.7	+/-65.8	+/-63.1	+/-60.6		
	54	+/-70	+/-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	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4 APPLIES TO B, C OR D ANCHORS (SEE TABLE 2) 15.5"			MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4 APPLIES TO F ANCHORS (SEE TABLE 3) 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												

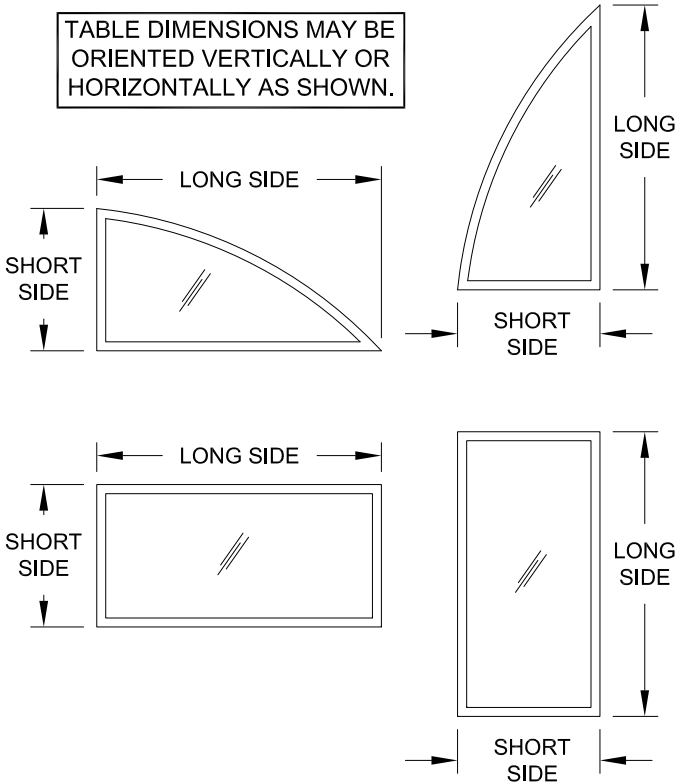


TABLE 5:

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	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																	
	62	+/-70	+/-70	+/-70	+/-70	+/-70	APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)							APPLIES TO F ANCHORS (SEE TABLE 3)														
	64	+/-70	+/-70	+/-70	+/-70	15.5"											3.9"											
	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.

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

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VINYL FIXED CASEMENT WINDOW (LMI)

DESIGN PRESSURE TABLES

06/05/19

By J ROSOWSKI

DWG No. PW5540 LAMI

Rev. B

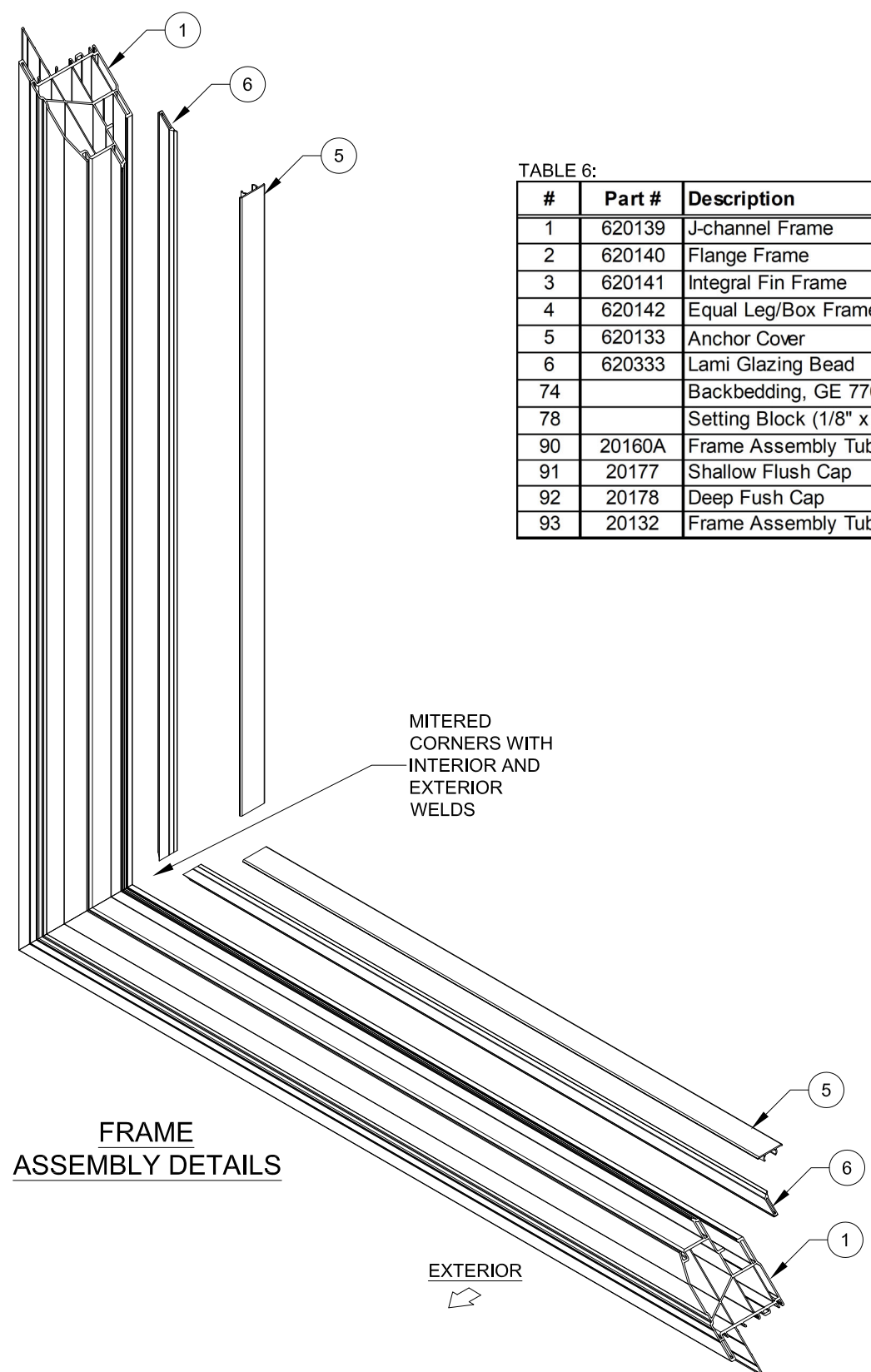
7 OF 8

NTS

PW-5540

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

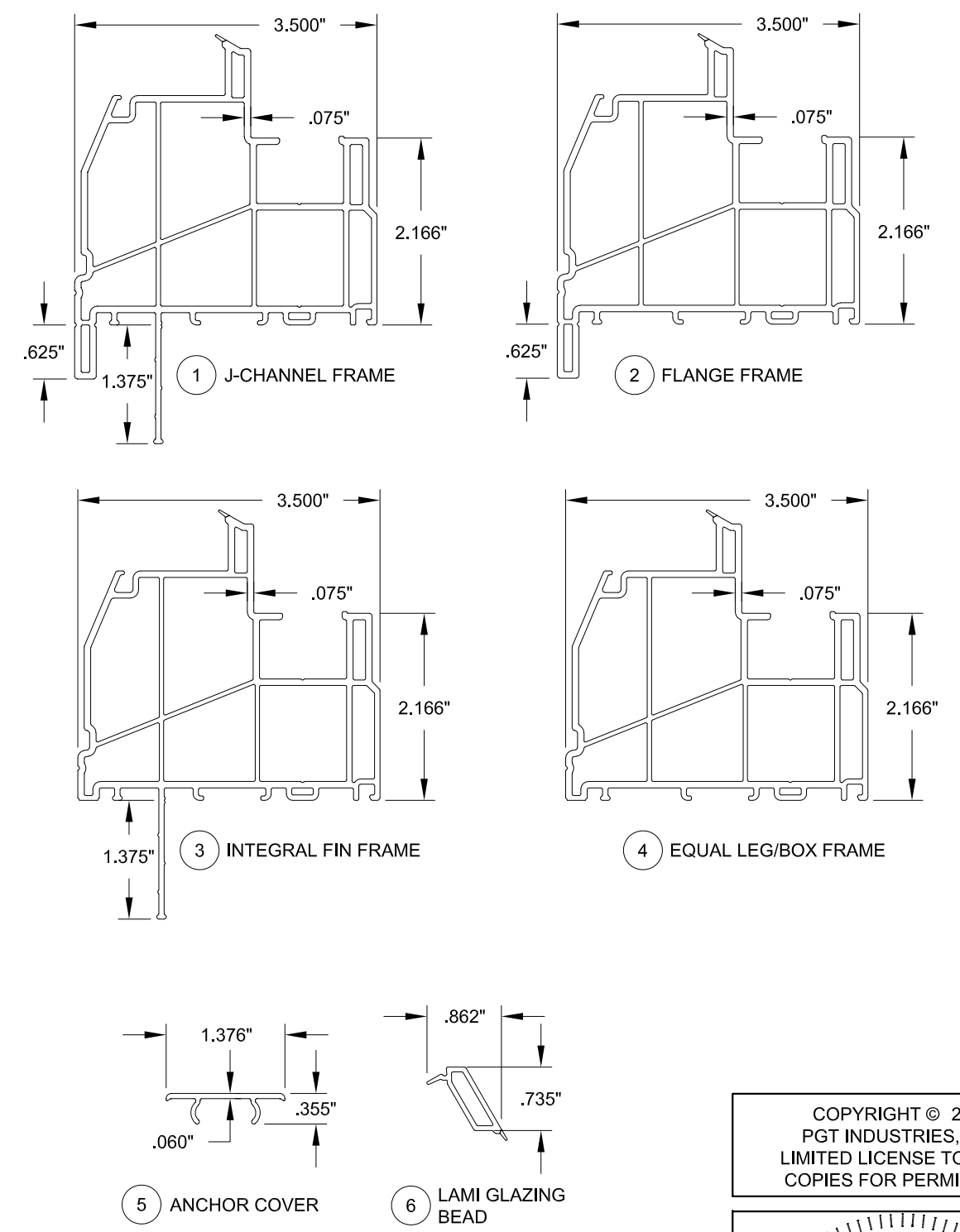


FRAME
ASSEMBLY DETAILS

TABLE 6:

#	Part #	Description	Material
1	620139	J-channel Frame	PVC
2	620140	Flange Frame	PVC
3	620141	Integral Fin Frame	PVC
4	620142	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		Setting Block (1/8" x 1/2" x 4")	EPDM
90	20160A	Frame Assembly Tube	Alum. 6005-T5
91	20177	Shallow Flush Cap	PVC
92	20178	Deep Fush Cap	PVC
93	20132	Frame Assembly Tube End Cap	PVC

- NOTES:
- 1) SOME PARTS/OPTIONS NOT SHOWN ON DRAWING FOR CLARITY.
 - 2) J-CHANNEL FRAME SHOWN, PART #1. OTHER FRAME TYPES, PARTS #2 - 4, 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.



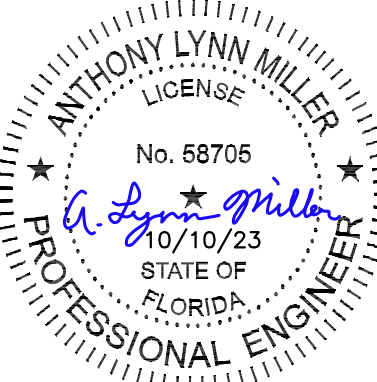


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Series Rev A	Title		Date	
	VINYL FIXED CASEMENT WINDOW (LMI)		06/05/19	
	BOM & ASSEMBLY		Drawn By	J ROSOWSKI
PW-5540	Scale	NTS	Sheet	8 OF 8
DWG No.	PW5540 LAMI	Rev. No.	B	

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