



MODEL 9650 FIXED WINDOW,
IMPACT RESISTANT,
FLANGE, EQUAL-LEG & FIN FRAMES

DP RATING	LARGE & SMALL MISSILE IMPACT RESISTANT
SEE TABLES A-I	



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

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

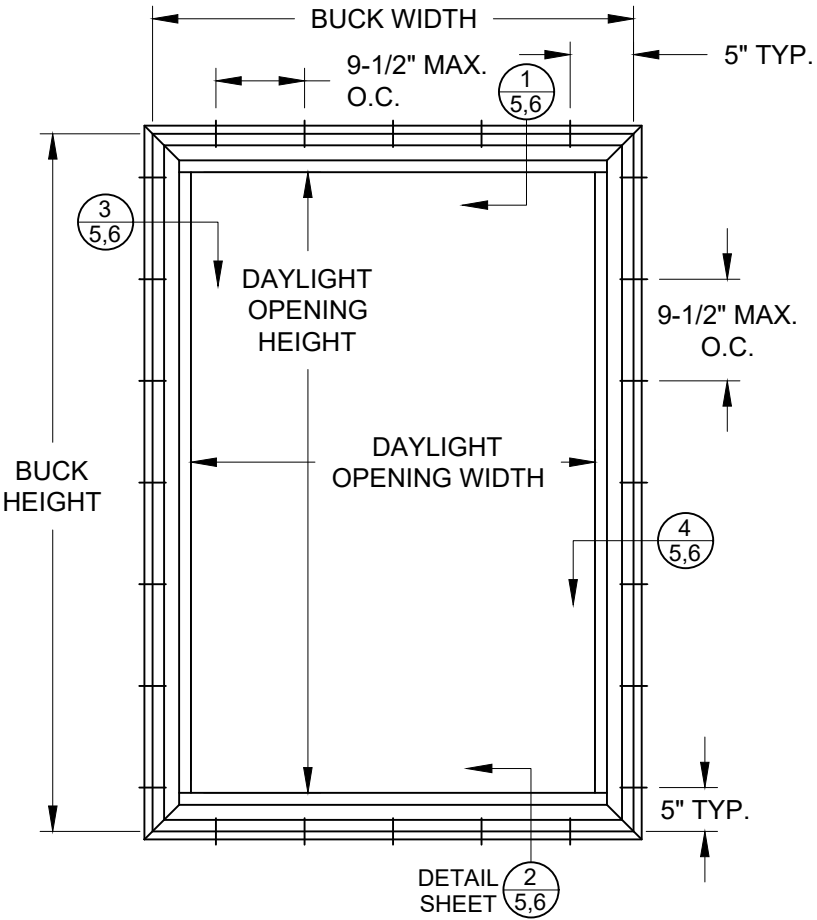
2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) MASONRY ANCHORS MAY BE USED INTO WOOD. 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.

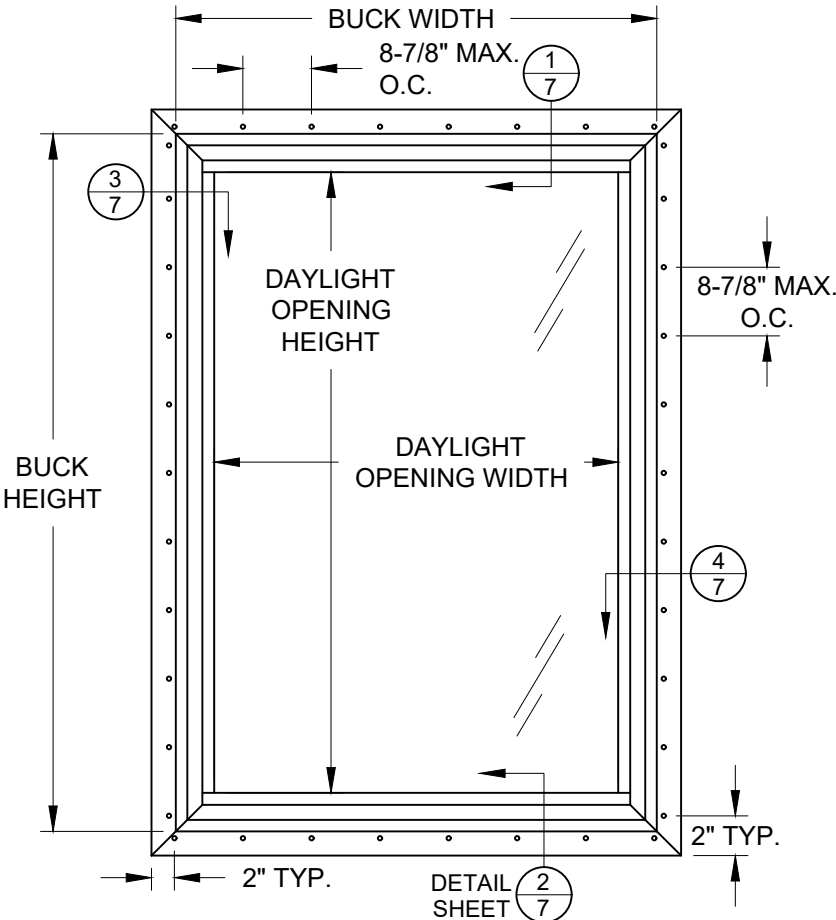
4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.

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.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS 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.



TYP. ANCHOR LOCATIONS
(FLANGED FRAME, EQUAL-LEG SIM.)
SEE TABLES A-I FOR SIZES



TYP. ANCHOR LOCATIONS
(INTEGRAL FIN FRAME)
SEE TABLES A-I FOR SIZES

DAYLIGHT OPENING WIDTH = BUCK WIDTH - 4.25
DAYLIGHT OPENING HEIGHT = BUCK HEIGHT - 4.25

REGISTRATION #29296

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PREPARED BY: A. LYNN MILLER, P.E.
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FIXED WINDOW FPA, LM

GEN. NOTES AND ANCHOR ELEVATIONS

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR
OPTIONS, AND DP TABLES

DATE:

11/28/22

#:

B

DATE: 11/28/22

SCALE: NTS

BY: S.BERKOWITZ

DRAWING # :

PW9650-FPA-01

SHEET: 1 OF 11

TABLE A:

Window Design Pressure (+/- psf)																				
Glass Type 1: 7/8" LIG: (1/8" A - AIRSPACE - 5/16" A/A .090" PVB)																				
WINDOW DIMENSIONS	Long Side (in.)																			
	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	
Short Side (in.)	18	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	20	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	22	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	24	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	26	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.6	68.2
	28	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.0	66.9	65.2	64.1	63.0	62.1	61.3
	30	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.2	65.0	63.3	62.0	60.8	59.6	58.4	57.4	56.3
	32	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.8	64.6	62.4	60.6	58.7	57.0	55.7	54.5		
	34	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.9	64.8	62.6	60.8	58.8	56.9	54.9				
	36	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.3	64.5	62.7	61.1	59.3	57.4						
	38	70.0	70.0	70.0	70.0	70.0	70.0	67.2	64.4	62.5	60.9	59.2								
	40	70.0	70.0	70.0	70.0	70.0	67.6	64.6	62.7	60.9										
	42	70.0	70.0	70.0	70.0	68.2	65.0	62.9												
	44	70.0	70.0	70.0	69.2	65.8	63.3													
	46	70.0	70.0	70.0	67.2	64.0														
	48	70.0	70.0	68.8	65.2															

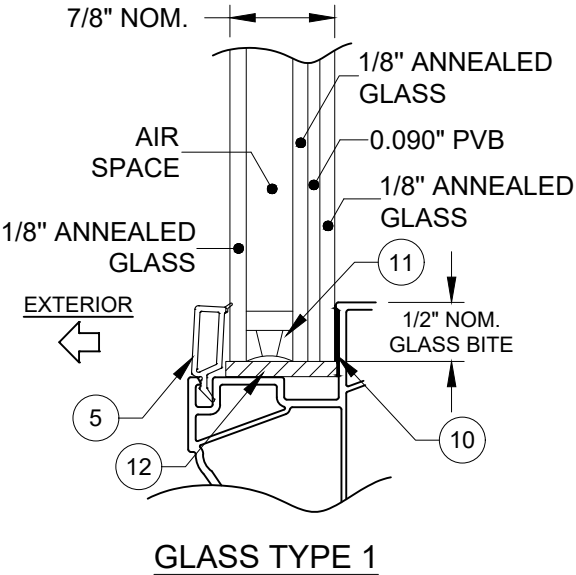


TABLE B:

Window Design Pressure (+/- psf)																				
Glass Type 2: 7/8" LIG: (1/8" A - AIRSPACE - 5/16" A/A .090" SG)																				
WINDOW DIMENSIONS	Long Side (in.)																			
	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	
Short Side (in.)	32	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	34	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	36	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.2	58.4	57.6	56.9	
	38	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.7	57.4	56.3	55.5	54.7	53.9	
	40	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.6	58.1	56.7	55.2	53.8	52.8	51.9	51.1	
	42	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.4	57.9	56.3	54.8	53.4	52.3	51.2	50.2	49.1	
	44	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.8	58.6	57.4	56.1	54.7	53.2	52.0	50.9	49.8	48.7	47.6	
	46	60.0	60.0	60.0	60.0	60.0	60.0	59.1	57.8	56.5	55.2	53.9	52.9	51.8	50.8	49.6	48.4	47.3	46.2	
	48	60.0	60.0	60.0	60.0	60.0	58.7	57.3	55.9	54.6	53.3	52.2	51.2	50.2	49.2	48.2	47.2	46.0	44.8	
	50	60.0	60.0	60.0	60.0	59.4	58.3	57.0	55.6	54.1	52.9	51.7	50.6	49.6	48.6	47.5	46.5	45.6	44.6	43.5
	52	60.0	60.0	60.0	58.7	57.4	56.1	55.0	53.8	52.7	51.4	50.3	49.1	48.0	46.9	45.9	44.9	43.8	43.0	
	54	60.0	59.6	58.1	56.7	55.3	54.1	53.0	52.0	51.1	50.1	48.9	47.7	46.5	45.4	44.3	43.2			
	56	59.4	57.7	56.2	54.7	53.4	52.3	51.2	50.3	49.3	48.4	47.4	46.3	45.1	43.9	42.8				
	58	57.6	55.9	54.3	53.0	51.8	50.7	49.6	48.6	47.6	46.6	45.6	44.7	43.7						
	60	55.9	54.1	52.7	51.5	50.3	49.2	48.0	47.0	45.9	44.9	43.9								
	62	54.1	52.6	51.3	50.1	48.9	47.7	46.5	45.4	44.3	43.2									

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



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FIXED WINDOW FPA, LM

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR
OPTIONS, AND DP TABLES

DATE:

11/28/22

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SCALE: NTS

BY: S.BERKOWITZ

DRAWING # :
PW9650-FPA-01

SHEET: 2 OF 11

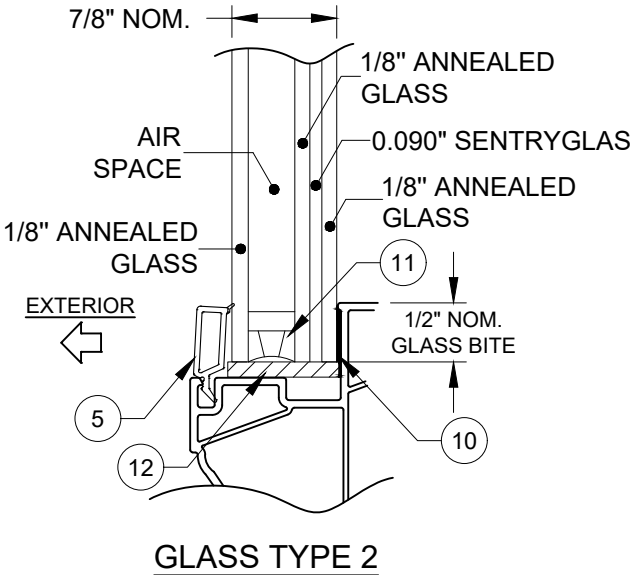


TABLE C:

Window Design Pressure (+/- psf)																			
Glass Type 3: 7/8" LIG: (1/8" T - AIRSPACE - 5/16" A/A .090" PVB)																			
WINDOW DIMENSIONS	Long Side (in.)																		
	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
Short Side (in.)	18	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	20	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	22	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	24	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	26	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	28	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.0	68.1
	30	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.9	67.5	66.2	64.9	63.8	62.6
	32	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.4	67.3	65.2	63.3	61.9	60.6		
	34	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.6	67.5	65.4	63.2	61.0				
	36	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.7	67.8	65.9	63.7						
	38	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.5	67.6	65.8								
	40	70.0	70.0	70.0	70.0	70.0	70.0	69.6	67.6										
	42	70.0	70.0	70.0	70.0	70.0	69.2												
	44	70.0	70.0	70.0	70.0	69.2													
	46	70.0	70.0	70.0	69.7														
	48	70.0	70.0	70.0															

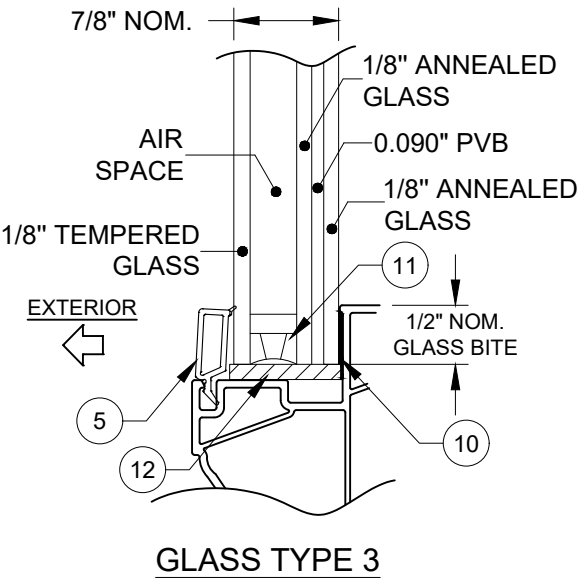
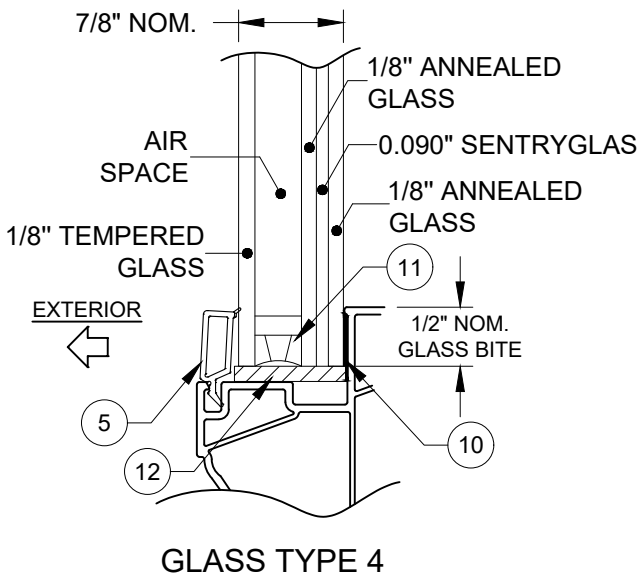


TABLE D:

Window Design Pressure (+/- psf)																			
Glass Type 4: 7/8" LIG: (1/8" T - AIRSPACE - 5/16" A/A .090" SG)																			
WINDOW DIMENSIONS	Long Side (in.)																		
	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98
Short Side (in.)	32	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	34	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	36	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	38	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9
	40	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.8	58.6	57.6	56.8	
	42	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.3	58.1	56.9	55.7	54.5	
	44	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.2	57.8	56.6	55.3	54.1	52.9		
	46	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9	58.7	57.6	56.4	55.1	53.8	52.6	51.3	
	48	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.2	58.0	56.9	55.8	54.7	53.6	52.4	51.1	49.8	
	50	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.7	57.5	56.3	55.1	54.0	52.8	51.7	50.6	49.6	48.3	
	52	60.0	60.0	60.0	60.0	60.0	60.0	59.8	58.5	57.1	55.9	54.6	53.4	52.1	49.8	48.7	47.7		
	54	60.0	60.0	60.0	60.0	60.0	58.9	57.8	56.8	55.6	54.3	52.9	51.7	50.4	49.2	48.0			
	56	60.0	60.0	60.0	59.3	58.1	56.9	55.9	54.8	53.7	52.7	51.4	50.1	48.8	47.6				
	58	60.0	60.0	58.8	57.6	56.3	55.1	54.0	52.8	51.8	50.7	49.6	48.5						
	60	60.0	58.5	57.2	55.9	54.6	53.4	52.2	51.0	49.8	48.7	47.8							
	62	60.0	58.5	57.0	55.7	54.3	52.9	51.7	50.4	49.3	48.0								

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



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REVISION: REVISE SILICONE & ANCHOR
OPTIONS, AND DP TABLES

DATE: 11/28/22

#: B

DATE: 11/28/22

SCALE: NTS

BY: S.BERKOWITZ

DRAWING #: PW9650-FPA-01

SHEET: 3 OF 11

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

TABLE E:

Window Design Pressure (+/- psf)																				
Glass Type 5: 7/8" LIG: (1/8" A - AIRSPACE - 5/16" A/A .105" PVB) Flange & Equal LEG Frames ONLY																				
WINDOW DIMENSIONS	Long Side (in.)																			
	41.5	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	
Short Side (in.)	18	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	20	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	22	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	24	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	84.4			
	26	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	84.9	81.9					
	28	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0									
	30	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0											
	32	85.0	85.0	85.0	85.0	85.0	85.0	85.0	84.9											
	34	85.0	85.0	85.0	85.0	85.0														
	36	85.0	85.0	85.0	85.0															
	38	85.0	85.0																	
	40	85.0	85.0																	
	41.5	85.0																		

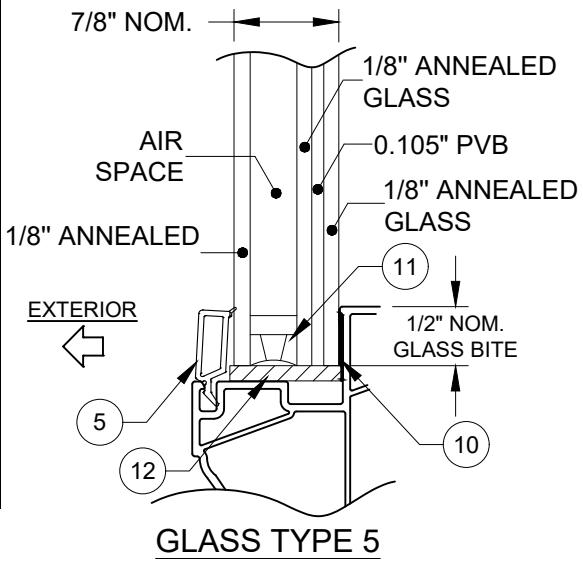
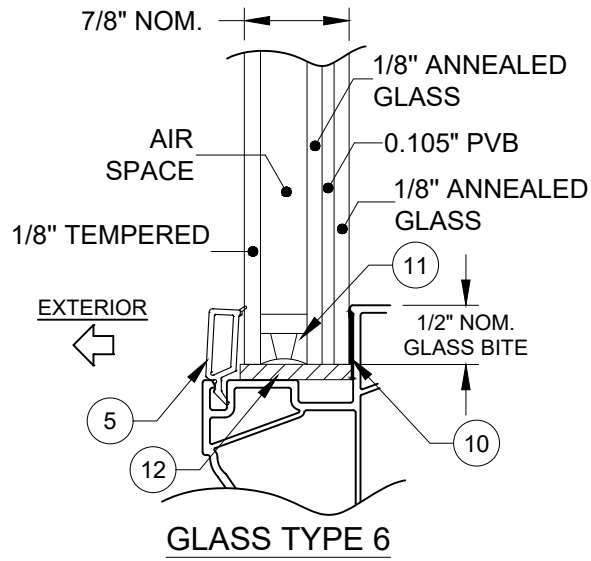
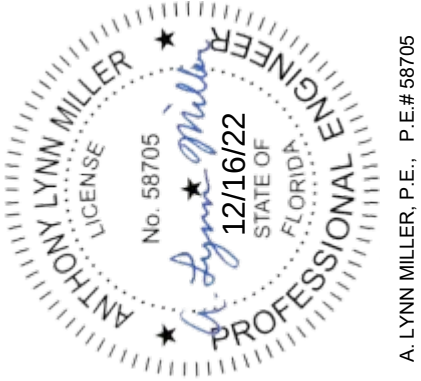


TABLE F:

Window Design Pressure (+/- psf)																				
Glass Type 6: 7/8" LIG: (1/8" T - AIRSPACE - 5/16" A/A .105" PVB) Flange & Equal Leg Frames ONLY																				
WINDOW DIMENSIONS	Long Side (in.)																			
	41.5	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	
Short Side (in.)	18	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	20	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	22	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	24	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0			
	26	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0						
	28	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0									
	30	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0											
	32	85.0	85.0	85.0	85.0	85.0	85.0	85.0	84.9											
	34	85.0	85.0	85.0	85.0	85.0														
	36	85.0	85.0	85.0	85.0															
	38	85.0	85.0	85.0																
	40	85.0	85.0																	
	41.5	85.0																		



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



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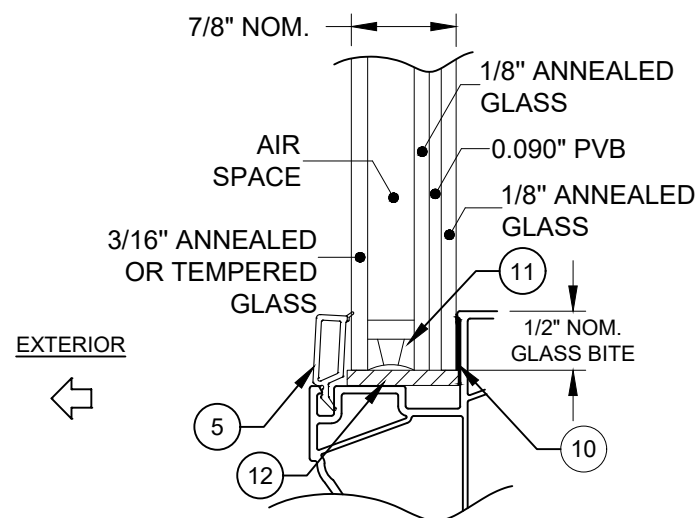
PREPARED BY: A. LYNN MILLER, P.E.
1070 TECHNOLOGY DR
N. VENICE, FL 34275
(941)-480-1600

FIXED WINDOW FPA, LM

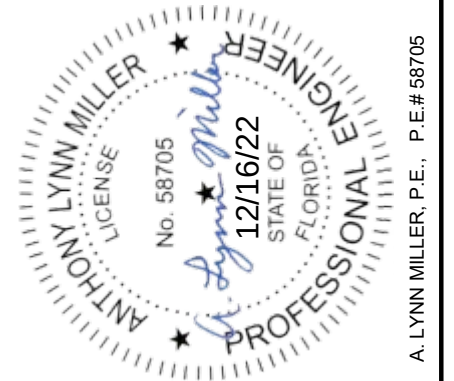
DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:	SB			
REVISION:	REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES			
DATE:	11/28/22			
#:	B			
DATE: 11/28/22				
SCALE: NTS				
BY: S.BERKOWITZ				
DRAWING # : PW9650-FPA-01				
SHEET: 4 OF 11				

[illegible]

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



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FIXED WINDOW FPA, LM

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR
OPTIONS, AND DP TABLES

DATE:	
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1/28/22

#:	
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1	
B	

DATE: 11/28/22

SCALE: NTS

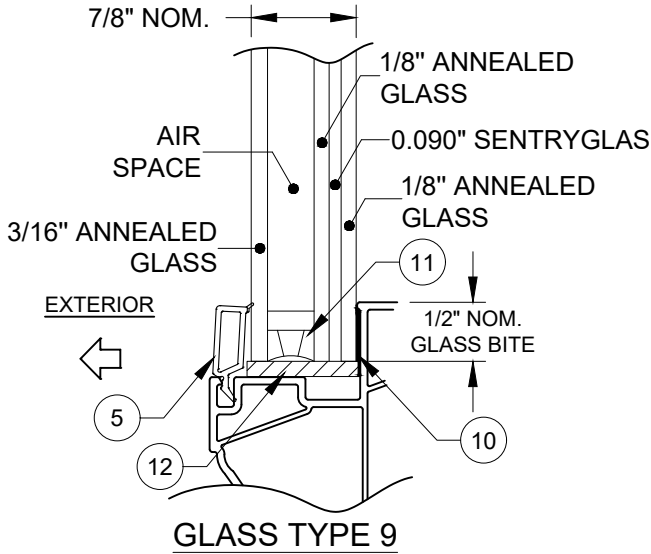
BY: S. BERKOWITZ

DRAWING # :
PW9650-FPA-01

SHEET: 5 OF 11

TABLE H:

Window Design Pressure (+/- psf)																											
Glass Type 9: 7/8" LIG: (3/16" A - AIRSPACE - 5/16" A/A .090" SG)																											
WINDOW DIMENSIONS		Long Side (in.)																									
		70.875	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
	40	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.0	58.0	57.0	55.8	54.8	53.8	53.0	52.4
	42	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.8	57.3	55.8	54.2	53.1	52.2	51.4	50.8	50.0
	44	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9	58.0	56.3	54.7	53.2	52.1	51.1			
	46	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9	58.2	56.4	54.6						
	48	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.8	58.4	57.5								
	50	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.5	58.3										
	52	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.8												
	54	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.1															
	56	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.6																
	58	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.8																	
	60	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.8																		
	62	60.0	60.0	60.0	60.0	60.0	59.1																				
	64	60.0	60.0	60.0	60.0	58.6																					
	66	60.0	60.0	59.7	58.3																						
	68	60.0	59.6	58.1																							
	70	58.9	58.1																								
	70.875	58.3																									



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



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

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FIXED WINDOW FPA, LM

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:

SB

REVISION:

REVISE SILICONE & ANCHOR
OPTIONS, AND DP TABLES

DATE:

11/28/22

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DATE: 11/28/22

SCALE: NTS

BY: S.BERKOWITZ

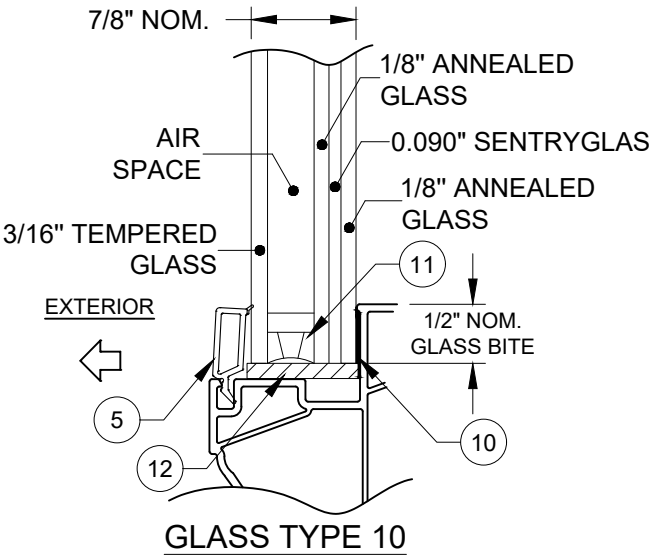
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PW9650-FPA-01

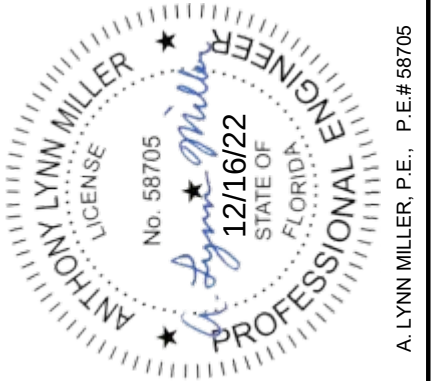
SHEET: 6 OF 11

TABLE I

Window Design Pressure (+/- psf)																											
Glass Type 10: 7/8" LIG: (3/16"T- AIRSPACE - 5/16" A/A .090" PVB)																											
WINDOW DIMENSIONS		Long Side (in.)																									
		70.875	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
	40	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
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	46	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0					
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	50	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0										
	52	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0												
	54	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0														
	56	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0															
	58	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0																	
	60	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0																		
	62	60.0	60.0	60.0	60.0	60.0	60.0																				
	64	60.0	60.0	60.0	60.0	60.0																					
	66	60.0	60.0	60.0	60.0																						
	68	60.0	60.0	60.0																							
	70	60.0	60.0																								
	70.875	60.0																									



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



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BY: SB

REVISION: REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES

DATE: 11/28/22

#: B

FIXED WINDOW FPA, LM

DP TABLES & GLASS TYPES

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

DATE: 11/28/22

SCALE: NTS

BY: S.BERKOWITZ

DRAWING # : PW9650-FPA-01

SHEET: 7 OF 11

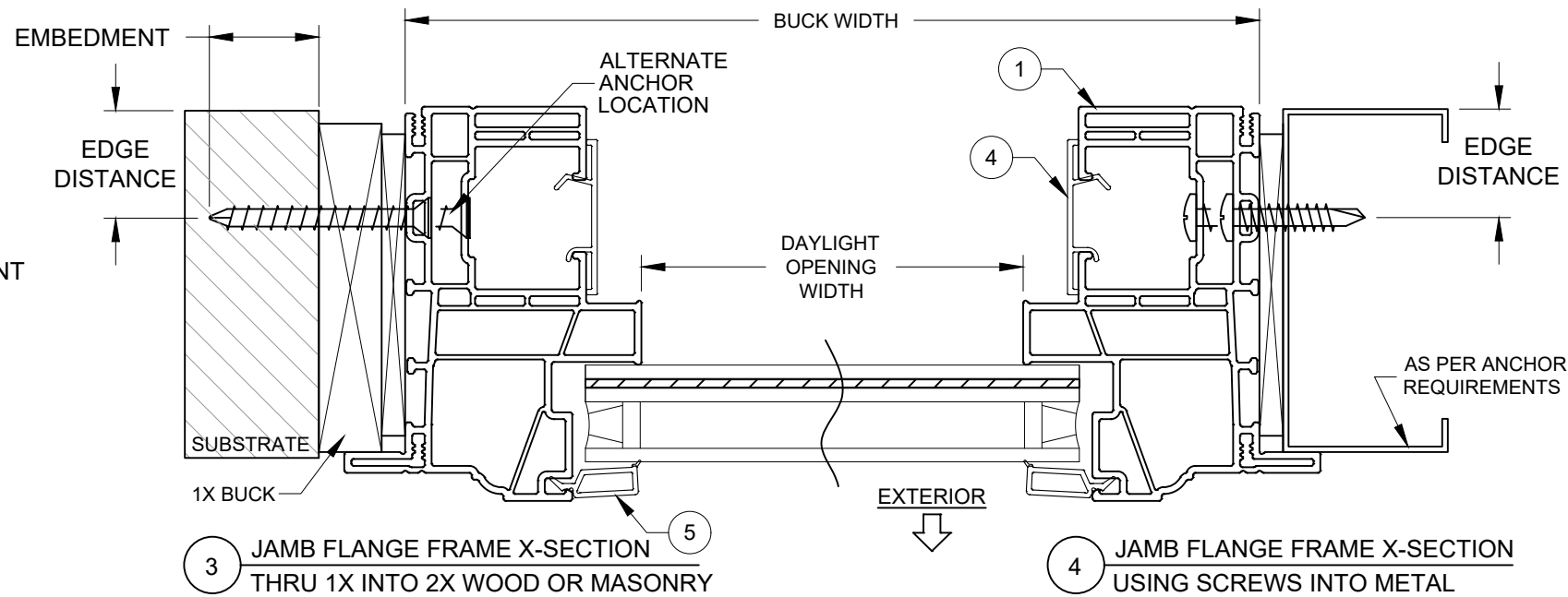
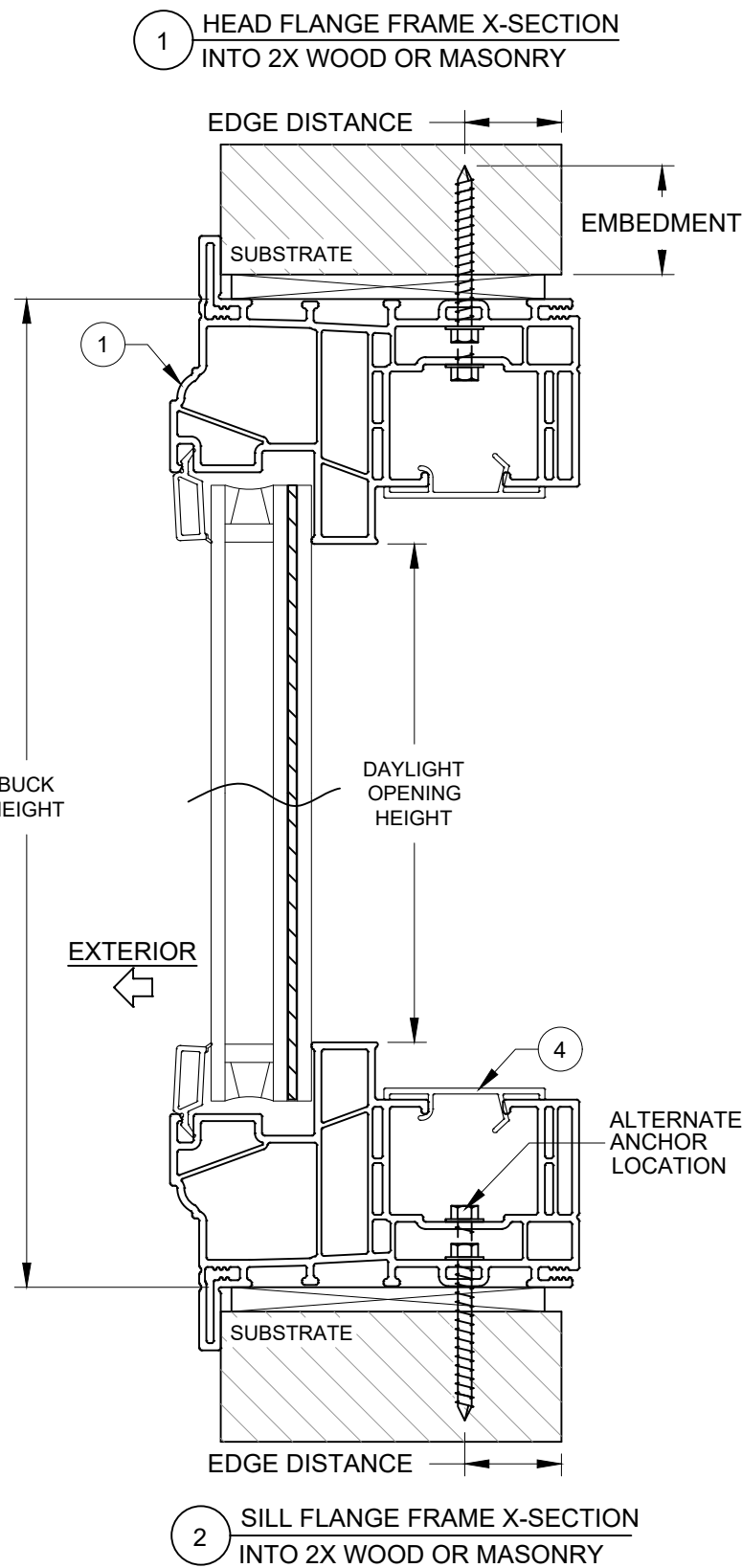


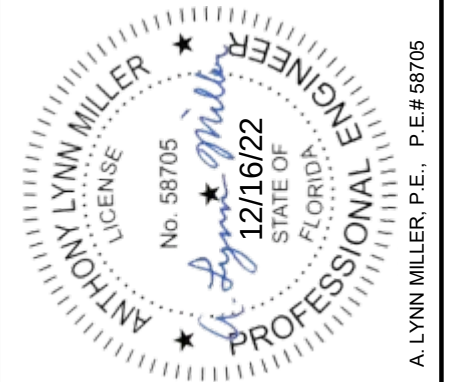
TABLE 2: INSTALLATION ANCHORS

Anchor	Substrate	Minimum Edge Distance	Minimum Embedment
#10 or #12 Steel or 410 SS Screw	Southern Pine (SG = .55)	9/16"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	0.050"
	Steel Stud, Gr. 33 min.	3/8"	0.045" (20 Ga)
	A36 Steel	3/8"	0.050"
3/16" Steel Ultracon+	Concrete (min. 2.9 ksi)	1"	1-3/4"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"
1/4" Steel Ultracon+	Concrete (min. 3.0 ksi)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 2) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4". ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.



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FIXED WINDOW FPA, LM		FLANGE INSTALLATION SECTION VIEWS		NEWSOUTH WINDOW SOLUTIONS 10741 CROSSROADS COMMERCE BLVD. TAMPA, FL 33610	
BY:	SB	REVISION:	DATE:	#:	
		REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES	11/28/22	B	
DATE: 11/28/22		SCALE: NTS		BY: S.BERKOWITZ	
DRAWING #:		PW9650-FPA-01		SHEET: 8 OF 11	

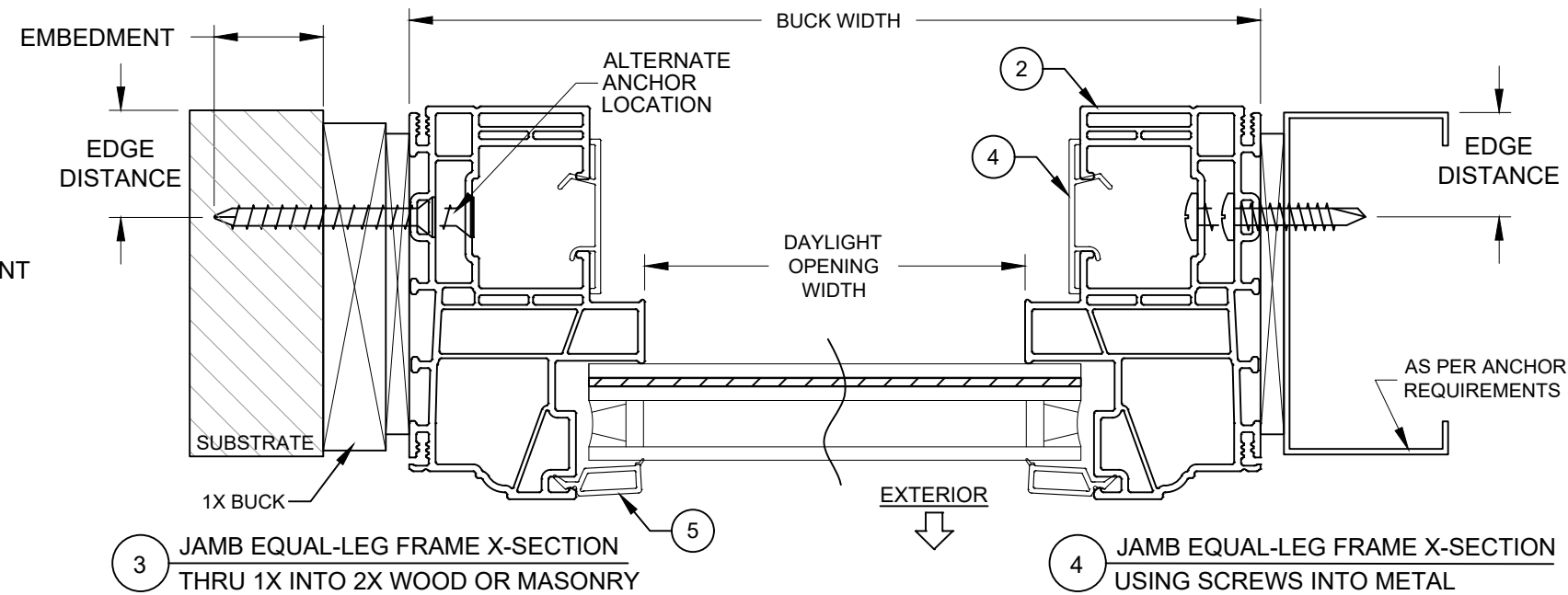
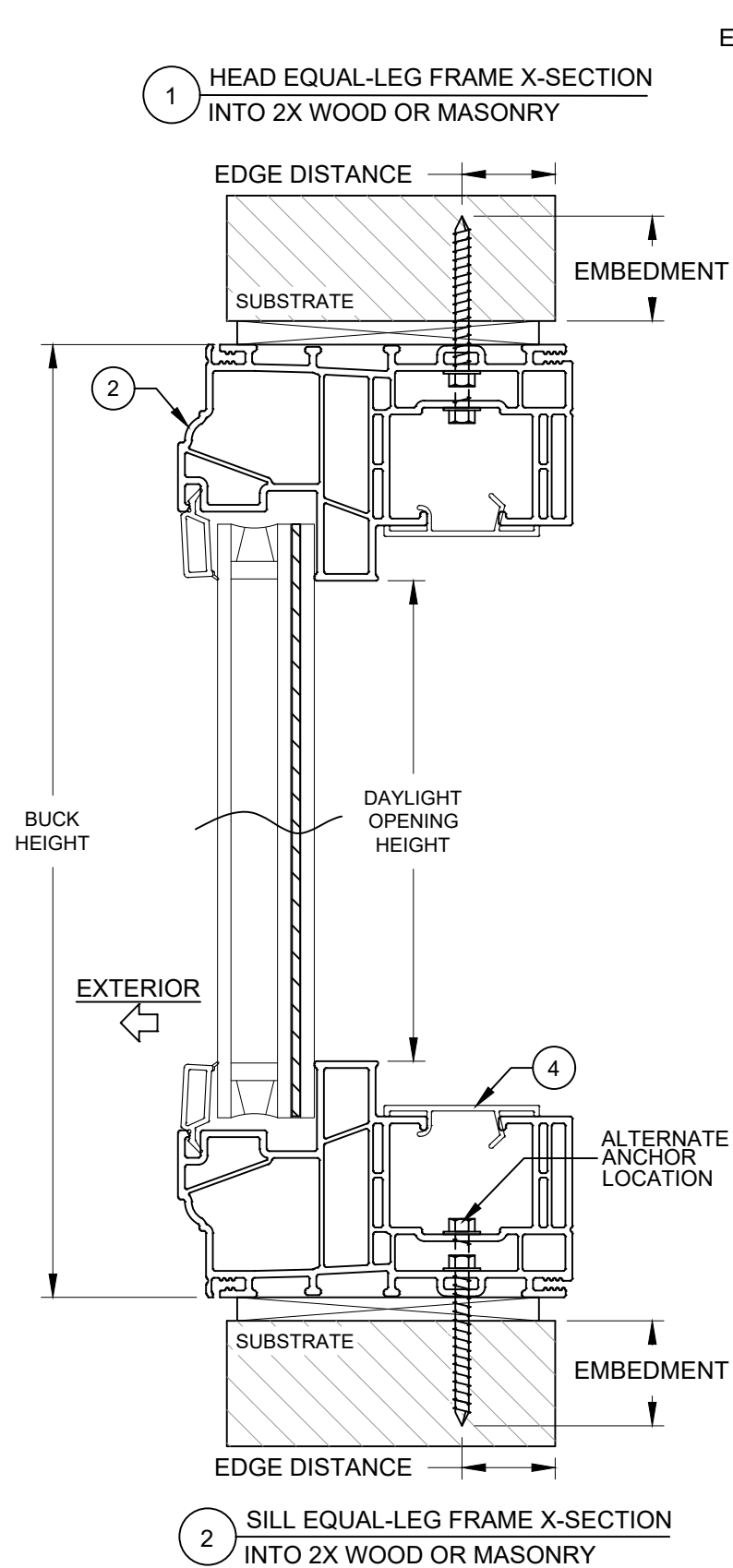


TABLE 3: INSTALLATION ANCHORS

Anchor	Substrate	Minimum Edge Distance	Minimum Embedment
#10 or #12 Steel or 410 SS Screw	Southern Pine (SG = .55)	9/16"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	0.050"
	Steel Stud, Gr. 33 min.	3/8"	0.045" (20 Ga)
	A36 Steel	3/8"	0.050"
3/16" Steel Ultracon+	Concrete (min. 2.9 ksi)	1"	1-3/4"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"
1/4" Steel Ultracon+	Concrete (min. 3.0 ksi)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"

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

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

3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.

2) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.

3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4". ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.



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FIXED WINDOW FPA, LM

EQUAL-LEG INSTALLATION
SECTION VIEWS

NEWSOUTH WINDOW SOLUTIONS
10741 CROSSROADS COMMERCE BLVD.
TAMPA, FL 33610

BY:	SB		
REVISION:	REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES		
DATE:	11/28/22		
#:	B		
DATE: 11/28/22			
SCALE: NTS			
BY: S.BERKOWITZ			
DRAWING #: PW9650-FPA-01			
SHEET: 9 OF 11			

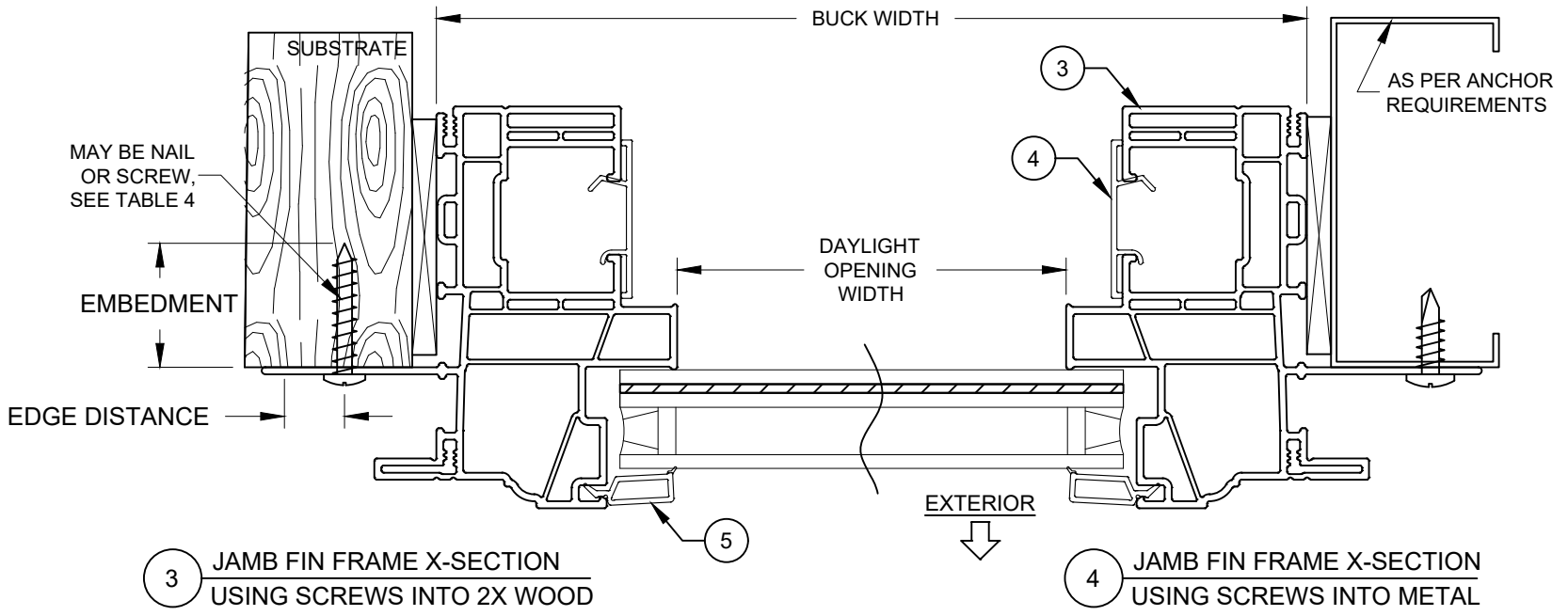
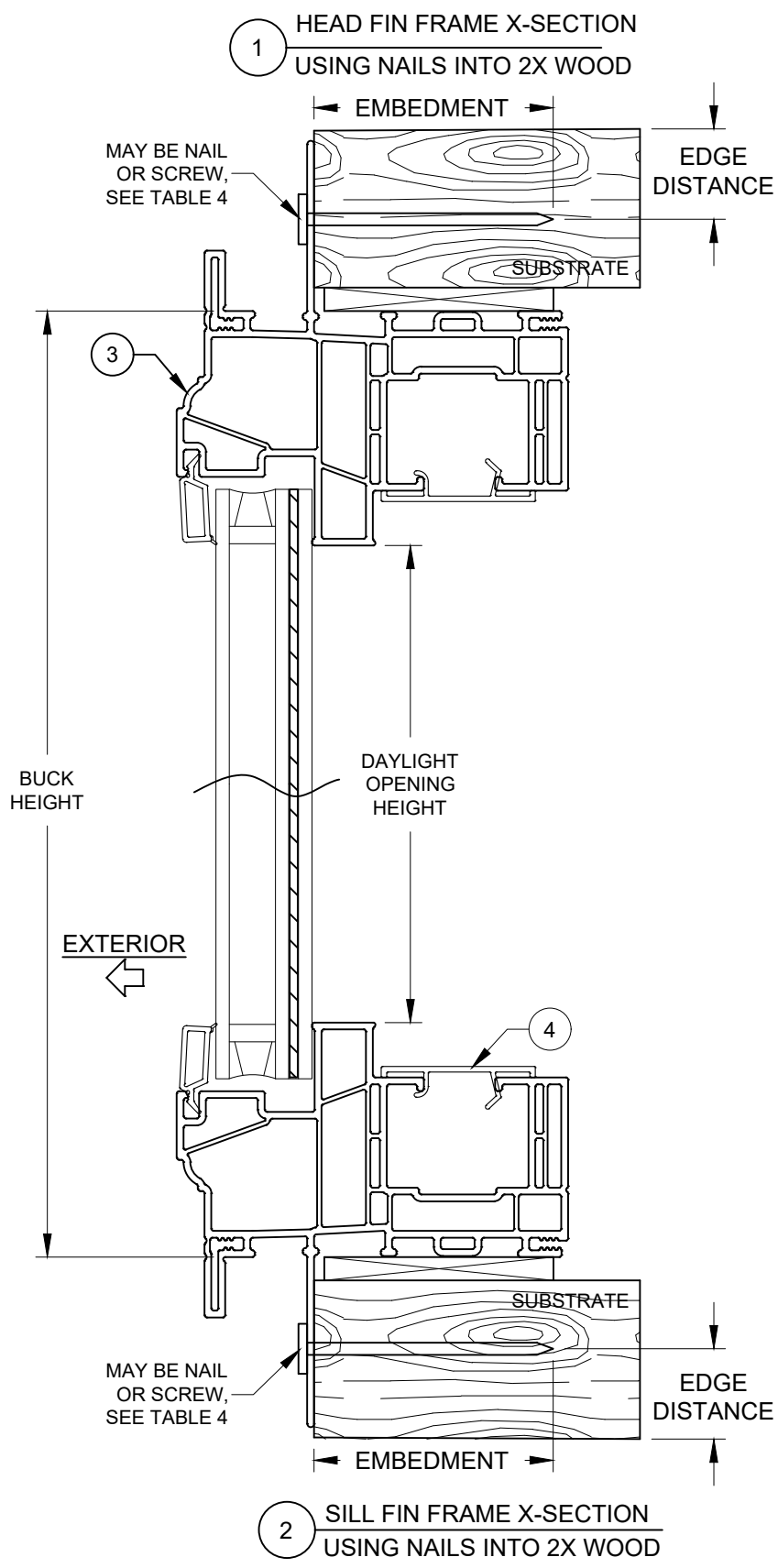


TABLE 4: INSTALLATION ANCHORS

Anchor	Substrate	Min. Edge Distance	Min. Embedment
2-1/2" x .113" Box Nail	P.T. Southern Pine (SG = .55)	5/16"	2-7/16"
2-1/2" x .131" Common Nail	P.T. Southern Pine (SG = .55)	3/8"	2-7/16"
2-1/2" x .145" Roofing Nail	P.T. Southern Pine (SG = .55)	3/8"	2-7/16"
#10 Steel SMS	P.T. Southern Pine (SG = .55)	1/2"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	1/8"
	Steel Stud, Gr. 33 min.	3/8"	0.036
	A36 Steel	3/8"	1/8"

1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

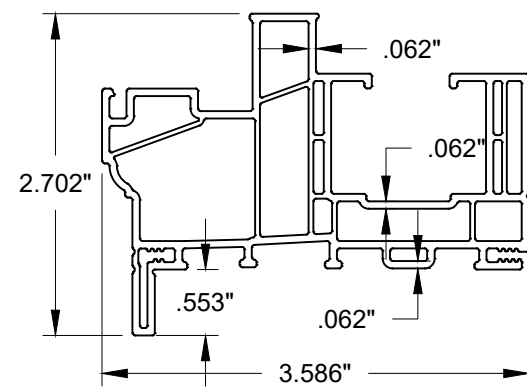
- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) FLANGE AND/OR FIN MAY BE REMOVED TO CREATE OTHER APPROVED FRAME TYPE.
- 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY OR ALL SIDES OF THE WINDOW.
- 4) MAX. SHIM THICKNESS TO BE 1/4". MAX. SHIM SPACING TO BE 18".



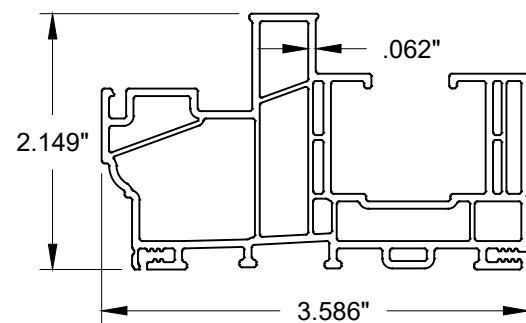
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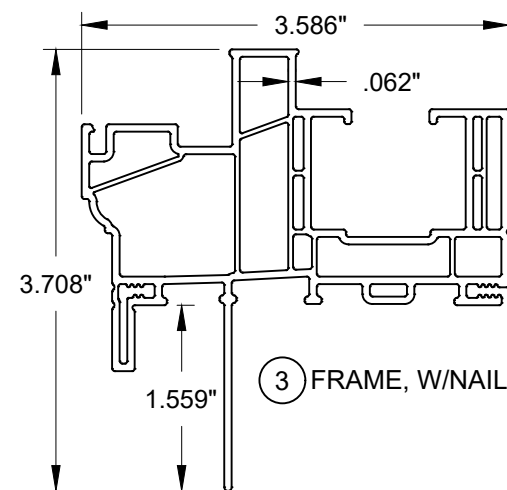
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BY:	SB	REVISION:	REVISION:	DATE:	DATE:
			REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES	11/28/22	
#:	B				
DATE: 11/28/22					
SCALE: NTS					
BY: S. BERKOWITZ					
DRAWING #: PW9650-FPA-01					
SHEET: 10 OF 11					



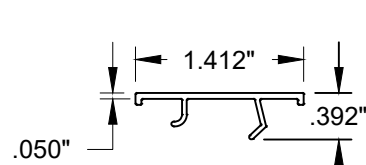
① FRAME, W/FLANGE



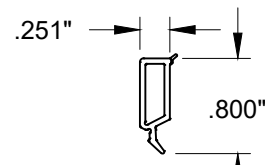
② FRAME, EQUAL LEG



③ FRAME, W/NAILING FIN



④ ANCHOR COVER

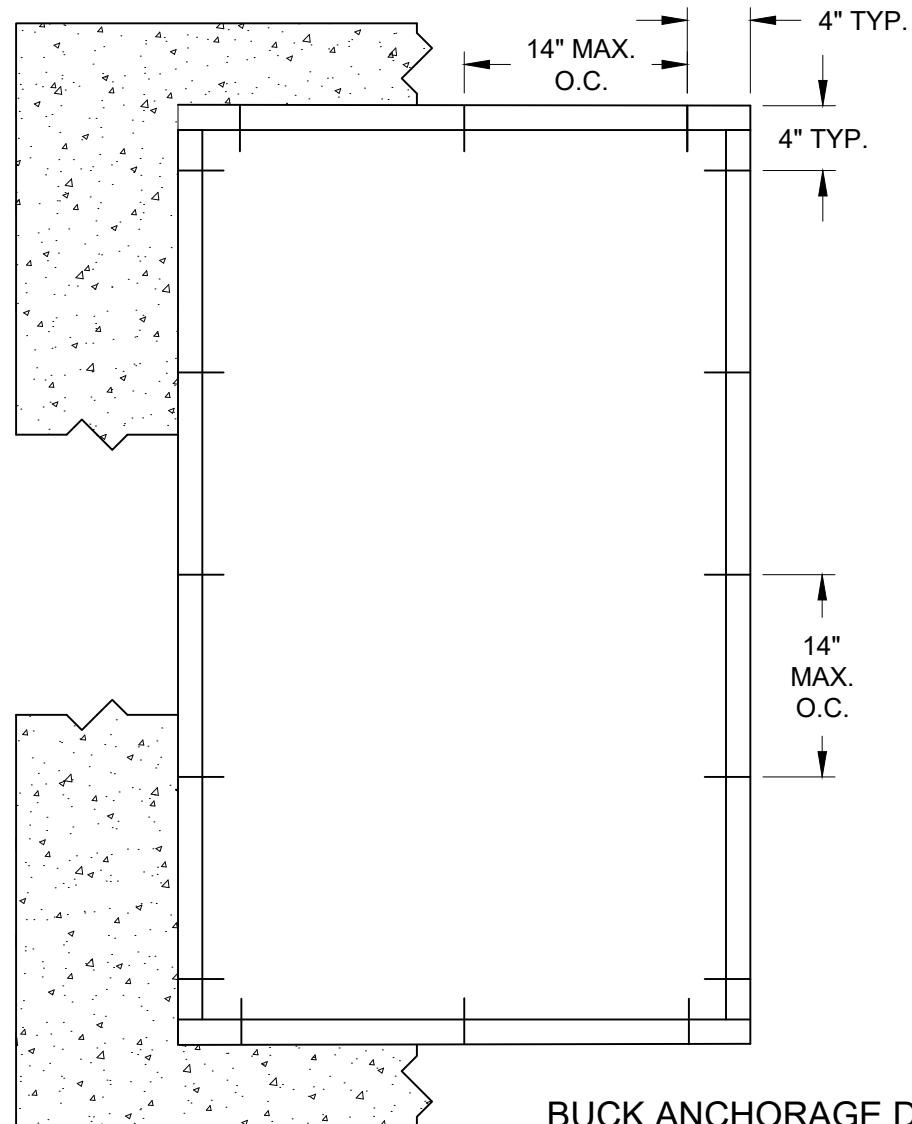


⑤ GLAZING BEAD

TABLE 5:

#	Part #	Description	Material
1	9465	Frame, w/Flange	PVC
2	9465	Frame, Equal Leg	PVC
3	9455	Frame, w/Nailing Fin	PVC
4	9473	Anchor Cover	PVC
5	9736	Glazing Bead	PVC
10		Glazing compound: RGS7700, Dow 791, 983	
11		Metal or TPS Spacer	VARIES
12	7061	Setting Block, 1/8" x 7/8" x 2"	EPDM

THE APPROVED WHITE, RIGID PVC EXTERIOR EXTRUSIONS ARE TO BE PRODUCED BY EXTRUDERS' LICENSEES UNDER "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



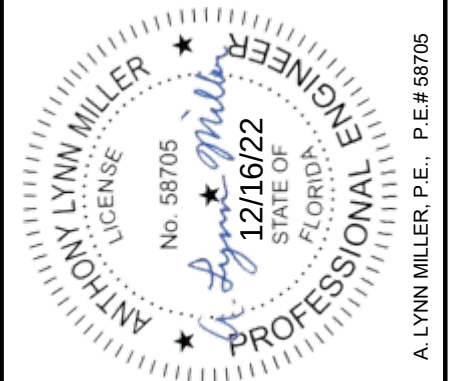
BUCK ANCHORAGE DETAIL

TABLE 6:

Anchor	Substrate	Minimum Edge Distance	Minimum Embedment
1/4" Steel Ultracon+	Concrete (min. 3.0 ksi)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"

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

2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.



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(941)-480-1600

FIXED WINDOW FPA, LM		BMATERIALS/EXTRUSIONS/BOM BUCK INSTALLATION DETAILS		NEWSOUTH WINDOW SOLUTIONS 10741 CROSSROADS COMMERCE BLVD. TAMPA, FL 33610	
BY:	SB	REVISION:	DATE:	#:	
		REVISE SILICONE & ANCHOR OPTIONS, AND DP TABLES	11/28/22	B	
DATE: 11/28/22					
SCALE: NTS					
BY: S.BERKOWITZ					
DRAWING # : PW9650-FPA-01					
SHEET: 11 OF 11					