

SERIES PW9020A IMPACT RESISTANT FIXED WINDOW

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING 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 AS PER TABLE 1. 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.

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

5) 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.

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.

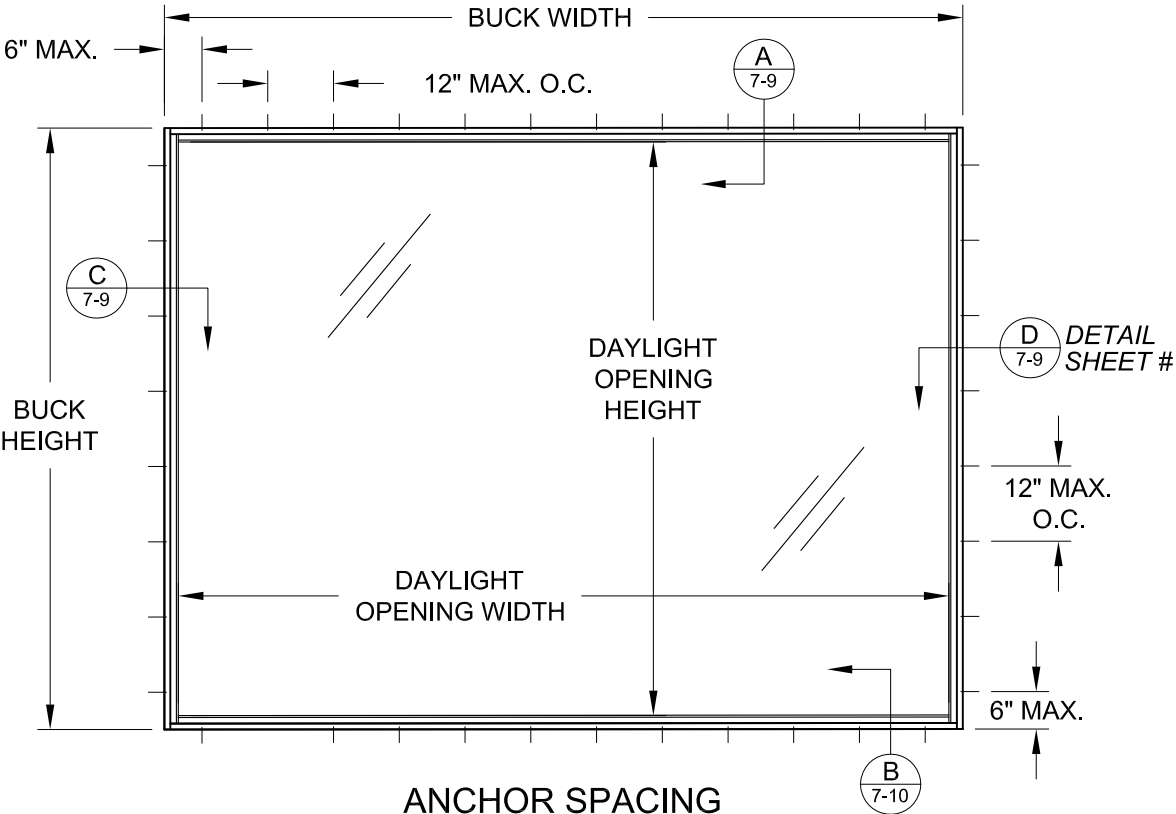
7) FRAME FLANGES OR INTEGRAL FINS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME. THE EXPOSED ALUMINUM EDGE MUST BE PAINTED TO PROTECT AGAINST CORROSION.

TABLE 1:

Anchor Type	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
#12 Steel SMS (Gr. 5) or 410 SS SMS	Southern Pine (SG = 0.55)	9/16"	1"	1-3/8"
	6063-T5 Aluminum	3/8"	1"	0.125"
	A36 Steel	3/8"	1"	0.045" (18 Ga)
	Steel Stud, Gr. 33	3/8"	1"	0.045" (18 Ga)
1/4" DeWalt UltraCon+	Concrete (min. 3.0 ksi)	1-3/4"	4"	1-3/8"
	Grout-filled CMU (ASTM C90)	1-3/4"	4"	1-3/4"
	Hollow CMU (ASTM C90)	2"	3"	1-1/4"
	Southern Pine (SG = 0.55)	1"	1"	1-3/8"
1/4" 410 SS Elco CreteFlex	Concrete (min. 3.35 ksi)	1-1/4"	6"	1-3/4"
	Hollow or Grout-filled CMU (ASTM C90)	1-3/4"	6"	1-1/4"
	Southern Pine (SG = 0.55)	1"	1"	1-3/8"

1) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
2) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

FLORIDA PRODUCT APPROVAL #15709



ANCHOR SPACING

SEE TABLES 2-10 FOR DP & MAX. SIZES

DLO = BUCK WIDTH OR HEIGHT - (2.230 x2) USING STANDARD RAILS.
IF USING OPTIONAL TALL RAILS, SEE SHEET 12 FOR FRAME MEMBER HEIGHT DEDUCTIONS. DLO=BUCK HEIGHT-(2.23+FRAME MEMBER HEIGHT)

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.

ALL ARCHITECTURAL WINDOW SHAPES WITH ALL ALUMINUM OR THERMALLY-BROKEN RAILS QUALIFIED. COMMON EXAMPLES SHOWN BELOW. INSCRIBE THE SHAPE IN A BLOCK (SEE EXAMPLES BELOW), AND OBTAIN DESIGN PRESSURES FOR THAT BLOCK SIZE FROM DESIGN PRESSURE TABLES.

DESIGN PRESSURE RATING
SEE TABLES 2 - 10
IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE MISSILE LEVEL D, WINDZONE 4

GENERAL NOTES.....1
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 WINDOOR		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
		REGISTRATION #29296			
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM FIXED WINDOW (LM)		Date	06/26/23
		ELEVATION & GENERAL NOTES		Drawn	JENS ROSOWSKI
				By	
				No.	
PW9020A		Sheet	1 OF 13	DWG	9020FPA-LM-1
Series	Desc.	Title			

TABLE 2:

Maximum Design Pressure (psf) for Units with Glass Type A																										
Buck Height (in)	Buck Width (in)																									
	24		30		36		42		48		54		60		66		72		78		84		90		96	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	110.0	147.3	110.0	146.0	110.0	144.7	110.0	143.3	110.0	142.0	110.0	140.7	110.0	139.3	110.0	138.0	110.0	136.7	110.0	135.3	110.0	134.0	110.0	132.7	110.0	131.3
30	110.0	146.0	110.0	145.8	110.0	144.2	110.0	142.5	110.0	140.8	110.0	139.2	110.0	137.5	110.0	135.8	110.0	134.2	110.0	132.5	110.0	130.8	110.0	129.2	110.0	127.5
36	110.0	144.7	110.0	144.2	110.0	144.0	110.0	142.0	110.0	140.0	110.0	138.0	110.0	136.0	110.0	134.0	110.0	132.0	110.0	130.0	110.0	128.0	110.0	126.0	110.0	124.0
42	110.0	143.3	110.0	142.5	110.0	142.0	110.0	141.8	110.0	139.5	110.0	137.2	110.0	134.8	110.0	132.5	110.0	130.2	110.0	127.8	110.0	125.5	110.0	123.2	110.0	120.8
48	110.0	142.0	110.0	140.8	110.0	140.0	110.0	139.5	110.0	139.3	110.0	136.7	110.0	134.0	110.0	131.3	110.0	128.7	110.0	126.0	110.0	123.3	110.0	120.7	110.0	118.0
54	110.0	140.7	110.0	139.2	110.0	138.0	110.0	137.2	110.0	136.7	110.0	136.5	110.0	133.5	110.0	130.5	110.0	127.5	110.0	124.5	110.0	121.5	110.0	118.5	110.0	115.5
60	110.0	139.3	110.0	137.5	110.0	136.0	110.0	134.8	110.0	134.0	110.0	133.5	110.0	133.3	110.0	130.0	110.0	126.7	110.0	123.3	110.0	120.0	110.0	116.7	110.0	113.3
66	110.0	138.0	110.0	135.8	110.0	134.0	110.0	132.5	110.0	131.3	110.0	130.5	110.0	130.0	110.0	129.8	110.0	126.2	110.0	122.5	110.0	118.8	110.0	115.2	110.0	111.5
72	110.0	136.7	110.0	134.2	110.0	132.0	110.0	130.2	110.0	128.7	110.0	127.5	110.0	126.7	110.0	126.2	110.0	126.0	110.0	122.0	110.0	118.0	110.0	114.0	110.0	110.0
78	110.0	135.3	110.0	132.5	110.0	130.0	110.0	127.8	110.0	126.0	110.0	124.5	110.0	123.3	110.0	122.5	110.0	122.0	110.0	121.8	110.0	117.5				
84	110.0	134.0	110.0	130.8	110.0	128.0	110.0	125.5	110.0	123.3	110.0	121.5	110.0	120.0	110.0	118.8	110.0	118.0	110.0	117.5						
90	110.0	132.7	110.0	129.2	110.0	126.0	110.0	123.2	110.0	120.7	110.0	118.5	110.0	116.7	110.0	115.2	110.0	114.0								
96	110.0	131.3	110.0	127.5	110.0	124.0	110.0	120.8	110.0	118.0	110.0	115.5	110.0	113.3	110.0	111.5	110.0	110.0								
102	110.0	130.0	110.0	125.8	110.0	122.0	110.0	118.5	110.0	115.3	110.0	112.5	110.0	110.0	107.8	107.8										
108	110.0	128.7	110.0	124.2	110.0	120.0	110.0	116.2	110.0	112.7	109.5	109.5	106.7	106.7												
114	110.0	127.3	110.0	122.5	110.0	118.0	110.0	113.8	110.0	110.0	106.5	106.5	103.3	103.3												
120	110.0	126.0	110.0	120.8	110.0	116.0	110.0	111.5	107.3	107.3	103.5	103.5	100.0	100.0												
126	110.0	124.7	110.0	119.2	110.0	114.0	109.2	109.2	104.7	104.7	100.5	100.5														
132	110.0	123.3	110.0	117.5	110.0	112.0	106.8	106.8	102.0	102.0	97.5	97.5														
138	110.0	122.0	110.0	115.8	110.0	110.0	104.5	104.5	99.3	99.3																
144	110.0	120.7	110.0	114.2	108.0	108.0	102.2	102.2	96.7	96.7																

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

2) THE WIDTH AND HEIGHT ON THE TABLE MAY BE TRANSPOSED TO MATCH WINDOW DIMENSIONS.

TABLE 3:

Maximum Design Pressure (psf) for Units with Glass Type B																										
Buck Height (in)	Buck Width (in)																									
	24		30		36		42		48		54		60		66		72		78		84		90		96	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0
30	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0
36	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0
42	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	131.7
48	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	131.3	110.0	126.0
54	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	133.0	110.0	133.0	110.0	127.0	110.0	121.0
60	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	130.0	110.0	130.0	110.0	123.3	110.0	116.7
66	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	127.7	110.0	127.7	110.0	120.3	110.0	113.0
72	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	134.0	110.0	126.0	110.0	118.0	110.0	110.0
78	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	134.0	110.0	133.7	110.0	125.0				
84	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	133.0	110.0	130.0	110.0	127.7	110.0	126.0	110.0	125.0						
90	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	131.3	110.0	127.0	110.0	123.3	110.0	120.3	110.0	118.0								
96	110.0	135.0	110.0	135.0	110.0	135.0	110.0	135.0	110.0	131.7	110.0	126.0	110.0	121.0	110.0	116.7	110.0	113.0	110.0	110.0						
102	110.0	135.0	110.0	135.0	110.0	134.0	110.0	127.0	110.0	120.7	110.0	115.0	110.0	110.0	105.7	105.7										
108	110.0	135.0	110.0	135.0	110.0	130.0	110.0	122.3	110.0	115.3	109.0	109.0	103.3	103.3												
114	110.0	135.0	110.0	135.0	110.0	126.0	110.0	117.7	110.0	110.0	103.0	103.0	96.7	96.7												
120	110.0	135.0	110.0	131.7	110.0	122.0	110.0	113.0	104.7	104.7	97.0	97.0	90.0	90.0												
126	110.0	135.0	110.0	128.3	110.0	118.0	108.3	108.3	99.3	99.3	91.0	91.0														
132	110.0	135.0	110.0	125.0	110.0	114.0	103.7	103.7	94.0	94.0	85.0	85.0														
138	110.0	134.0	110.0	121.7	110.0	110.0	99.0	99.0	88.7	88.7																
144	110.0	131.3	110.0	118.3	106.0	106.0	94.3	94.3	83.3	83.3																

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06/26/23

JENS ROSOWSKI

ALUMINUM FIXED WINDOW (LM)

DESIGN PRESSURE TABLES

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PW9020A

9020FPA-LM-1

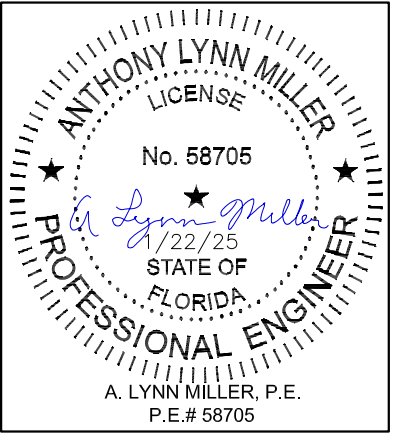


TABLE 4:

Maximum Design Pressure (psf) for Units with Glass Types A or C																														
Buck Height (in)	Buck Width (in)																													
	54		57		60		63		66		69		72		75		78		81		84		87		90		93		96	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
72	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0
75	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0
78	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0
81	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	98.0	109.5
84	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.6	110.0	97.1	108.6
87	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.1	110.0	96.5	107.8
90	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	98.8	110.0	96.0	107.3
93	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.6	110.0	99.1	110.0	98.8	110.0	98.7	110.0	95.7	107.0
96	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.1	110.0	98.0	109.5	97.1	108.6	96.5	107.8	96.0	107.3	95.7	107.0	95.6	106.6
99	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	98.5	110.0	97.1	108.5	95.9	107.2	94.9	106.1	94.1	105.2	93.5	104.5	93.1	104.0
102	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	98.5	110.0	96.8	108.2	95.3	106.5	94.0	105.0	92.9	103.8	92.0	102.8	91.3	102.0	90.7	101.4
105	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.1	110.0	97.0	108.4	95.2	106.4	93.6	104.6	92.2	103.1	91.1	101.8	90.1	100.7	89.3	99.8	88.6	99.0
108	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	97.7	109.2	95.6	106.9	93.8	104.8	92.1	102.9	90.7	101.3	89.4	99.9	88.3	98.7	87.4	97.7	86.7	96.9
111	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	99.0	110.0	96.5	107.9	94.4	105.5	92.4	103.3	90.7	101.4	89.2	99.7	87.9	98.2	86.8	97.0	85.8	95.9	84.9	94.9		
114	100.0	110.0	100.0	110.0	100.0	110.0	100.0	110.0	97.9	109.4	95.4	106.6	93.2	104.1	91.2	101.9	89.4	100.0	87.9	98.2	86.5	96.7	85.3	95.3	84.3	94.2				
117	100.0	110.0	100.0	110.0	100.0	110.0	99.7	110.0	96.9	108.3	94.3	105.4	92.1	102.9	90.1	100.7	88.3	98.7	86.7	96.9	85.2	95.3	84.0	93.9						
120	100.0	110.0	100.0	110.0	100.0	110.0	98.8	110.0	95.9	107.2	93.4	104.3	91.1	101.8	89.0	99.5	87.2	97.4	85.5	95.6	84.1	94.0								
123	100.0	110.0	100.0	110.0	100.0	110.0	97.9	109.5	95.0	106.2	92.5	103.3	90.1	100.7	88.0	98.4	86.2	96.3	84.5	94.4	83.0	92.7								
126	100.0	110.0	100.0	110.0	100.0	110.0	97.1	108.6	94.2	105.3	91.6	102.4	89.3	99.8	87.1	97.4	85.2	95.3	83.5	93.3										
129	100.0	110.0	100.0	110.0	99.7	110.0	96.4	107.7	93.5	104.4	90.8	101.5	88.4	98.8	86.3	96.4	84.3	94.3												
132	100.0	110.0	100.0	110.0	99.0	110.0	95.7	107.0	92.7	103.6	90.1	100.7	87.7	98.0	85.5	95.5	83.5	93.3												
135	100.0	110.0	100.0	110.0	98.4	109.9	95.0	106.2	92.0	102.9	89.4	99.9	86.9	97.2	84.7	94.7														
138	100.0	110.0	100.0	110.0	97.8	109.3	94.4	105.5	91.4	102.2	88.7	99.1	86.3	96.4	84.0	93.9														
141	100.0	110.0	100.0	110.0	97.2	108.6	93.8	104.9	90.8	101.5	88.1	98.4	85.6	95.7																
144	100.0	110.0	100.0	110.0	96.6	108.0	93.3	104.2	90.2	100.8	87.5	97.8	85.0	* 94.6																

* 94.6 FOR GLAZING TYPE A AND 95.0 FOR GLAZING TYPE C.

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

2) THE WIDTH AND HEIGHT ON THE TABLE MAY BE TRANSPOSED TO MATCH WINDOW DIMENSIONS.

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ALUMINUM FIXED WINDOW (LM)

DESIGN PRESSURE TABLES

PW9020A

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JENS ROSOWSKI

9020FPA-LM-1

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Sheet

DWG No.

Series

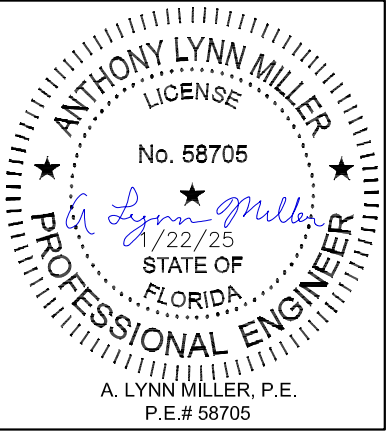


TABLE 5:

Maximum Design Pressure (psf) for Units with Glass Types D & E																														
Buck Height (in)	Buck Width (in)																													
	46		48		50		52		54		56		58		59-11/16		62		64		66		68		70		72		72-9/16	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
72-9/16	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
78	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
82	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
86	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.6	90.0	78.9	90.0	78.7	90.0
90	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.0	90.0	78.1	90.0	77.2	90.0	76.4	89.6	76.2	88.9
94	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.5	90.0	78.2	90.0	77.1	90.0	76.1	90.0	75.2	88.2	74.3	85.8		
98	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.5	90.0	77.9	90.0	76.6	90.0	75.4	89.9	74.4	87.2						
102	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.6	90.0	78.2	90.0	76.5	90.0	75.2	88.3	74.0	86.0								
106	80.0	88.7	80.0	89.2	80.0	89.8	80.0	90.0	80.0	90.0	80.0	90.0	78.4	89.3	77.0	88.6	75.3	87.1	73.9	84.8										
110	80.0	83.0	80.0	83.7	80.0	84.2	80.0	84.9	80.0	85.7	79.1	86.2	77.3	85.4	75.9	84.4														
113-11/16	80.0	80.2	80.0	80.3	80.0	80.8	80.0	81.3	80.0	81.6	78.2	81.9	76.4	82.3	75.0	81.5														
118	76.8	76.8	76.5	76.5	77.0	77.0	77.6	77.6	78.1	78.1	77.3	78.2																		
122	73.2	73.2	73.3	73.3	73.4	73.4	74.1	74.1	74.6	74.6																				
126-9/16	69.7	69.7	69.0	69.0	69.4	69.4	69.8	69.8																						

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

2) THE WIDTH AND HEIGHT ON THE TABLE MAY BE TRANSPOSED TO MATCH WINDOW DIMENSIONS.

TABLE 6:

Maximum Design Pressure (psf) for Units with Glass Types F & G																																
Buck Height (in)	Buck Width (in)																															
	46		48		50		52		54		56		58		60		62		64		66		68		70		72		72-9/16			
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg		
72-9/16	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
78	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
82	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
86	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
90	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
94	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
98	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0		
102	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.9	89.9	78.9	88.7	78.6	88.4
106	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.5	89.5								
110	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.5	89.5										
114	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	79.8	89.8												
118	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0														
119-11/16	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0														
126-9/16	80.0	90.0	80.0	86.3	80.0	83.9	80.0	82.6	80.0	82.6	80.0	82.8	80.0	83.0																		

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By JENS ROSOWSKI

ALUMINUM FIXED WINDOW (LM)

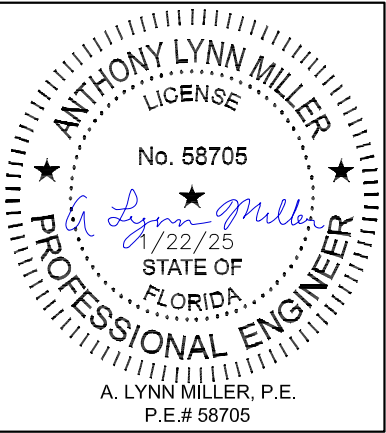
DESIGN PRESSURE TABLES

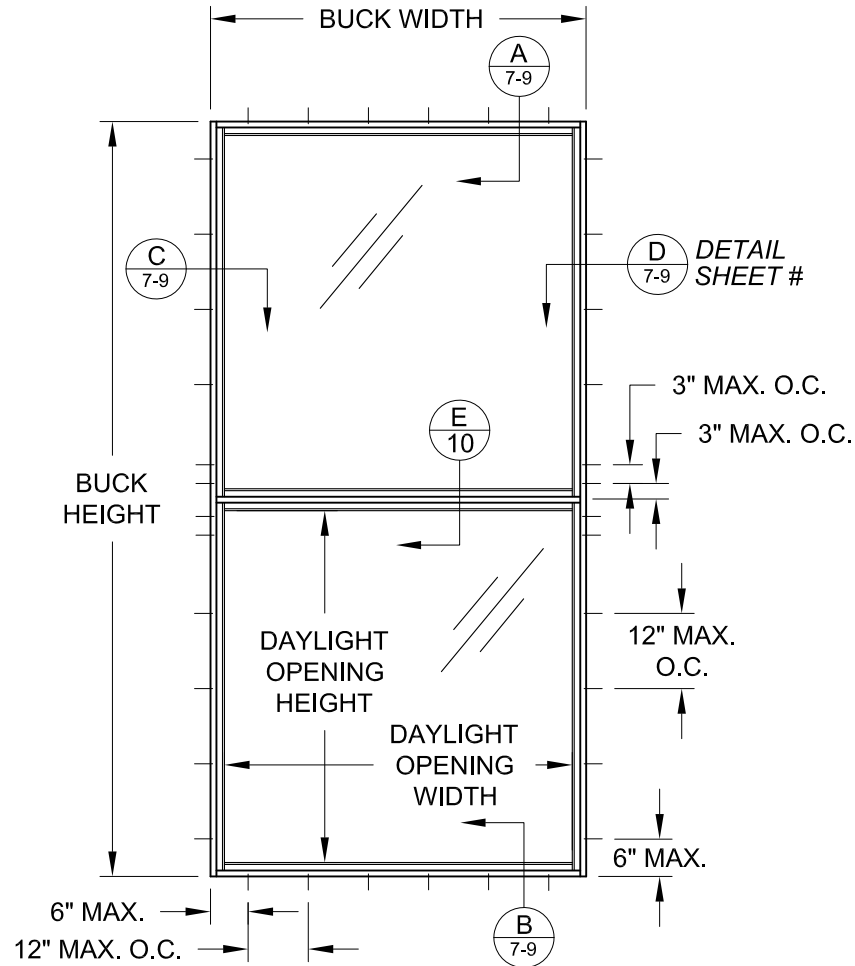
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PW9020A

DWG No.

9020FPA-LM-1





ANCHOR SPACING

SEE TABLES 7-8 FOR DP & MAX. SIZES. MAY BE
TURNED 90° TO CREATE A SINGLE, VERTICAL
MULLION.

TABLE 7:

Buck Height (in)	Maximum Design Pressure (psf) for Units with Glass Types A or B													
	Buck Width (in)													
	24		30		36		42		48		54		60	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
30	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
36	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
42	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
48	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
54	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	143.4	150.0
60	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	133.3	150.0
66	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	145.5	150.0	125.4
72	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	138.9	150.0	119.0
78	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	133.8	150.0	114.0
84	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	129.9	150.0	109.9
90	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	127.0	150.0	106.7
96	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	125.0	150.0	104.2
102	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	123.8	148.6	102.3
108	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	123.5	148.1	101.0
114	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	123.5	148.1	100.3
120	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	123.5	148.1	100.0

TABLE 8:

Buck Height (in)	Maximum Design Pressure (psf) for Units with Glass Types D & E													
	Buck Width (in)													
	24		30		36		42		48		54		60	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
30	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
36	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
42	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
48	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
54	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
60	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
66	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
72	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
78	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
84	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
90	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
96	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
102	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
108	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
114	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
120	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0

NOTES:

1) FOR SIZES NOT SHOWN, ROUND
UP TO THE NEXT AVAILABLE
DIMENSION.

2) THE WIDTH AND HEIGHT ON THE
TABLE MAY BE TRANSPOSED TO
MATCH WINDOW DIMENSIONS.

SEE SHEET 12 FOR MULLION &
FRAME MEMBER DEDUCTIONS
REQUIRED TO CALCULATE DLO.

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ALUMINUM FIXED WINDOW (LM)

DESIGN PRESSURE TABLES

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5 OF 13

Sheet

5 OF 13

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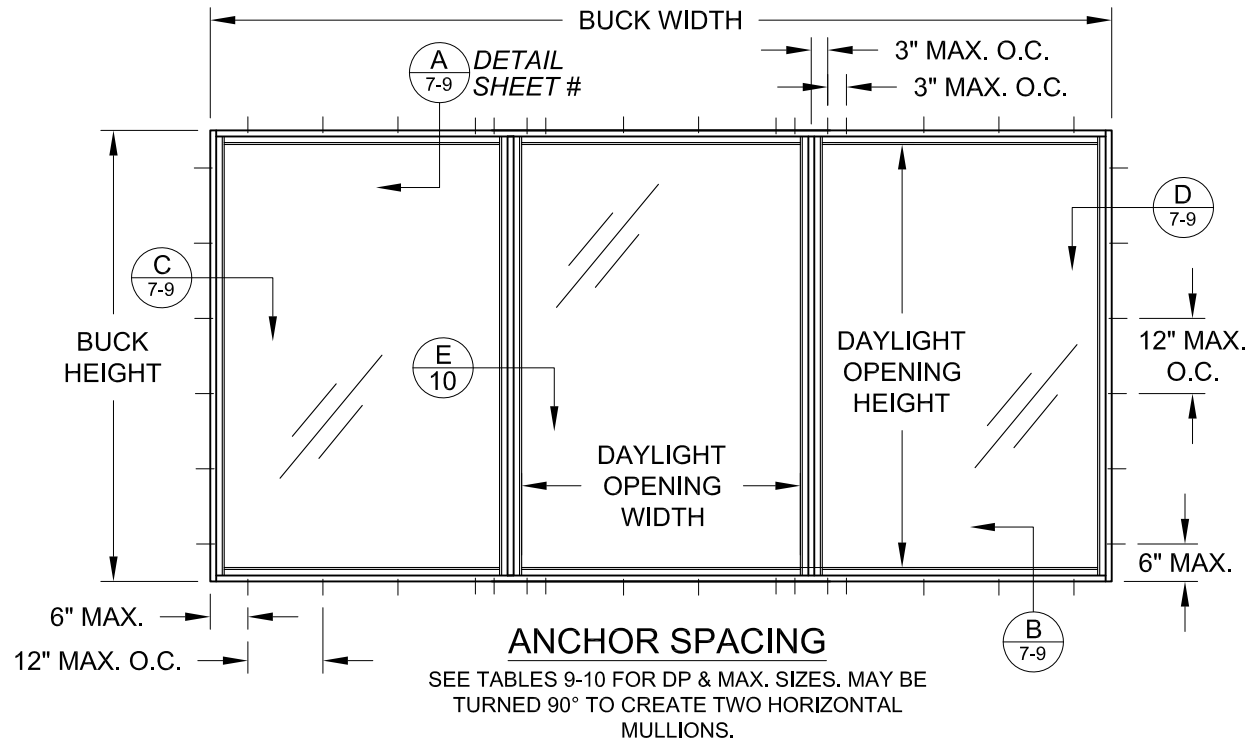


TABLE 9:

Buck Height (in)	Maximum Design Pressure (psf) for Units with Glass Types A or B									
	Buck Width (in)									
	72		90		108		126		144	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
30	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
36	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
42	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
48	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
54	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0	100.0	125.0
60	100.0	125.0	100.0	125.0	100.0	125.0	100.0	119.6	100.0	113.3
66	100.0	125.0	100.0	125.0	100.0	113.3	100.0	103.6	97.1	97.1
72	100.0	125.0	100.0	114.5	100.0	100.7	91.4	91.4	85.0	85.0

TABLE 10:

Buck Height (in)	Maximum Design Pressure (psf) for Units with Glass Types D & E									
	Buck Width (in)									
	72		90		108		126		144	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
30	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
36	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
42	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
48	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
54	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
60	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
66	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
72	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0

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

2) THE WIDTH AND HEIGHT ON THE TABLE MAY BE TRANSPOSED TO MATCH WINDOW DIMENSIONS.

SEE SHEET 12 FOR MULLION & FRAME MEMBER DEDUCTIONS REQUIRED TO CALCULATE DLO.

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(941) 480-1600

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WINDOOR

WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N. VENICE, FL 34275
(833) 554-5432

ALUMINUM FIXED WINDOW (LM)

DESIGN PRESSURE TABLES

PW9020A

06/26/23

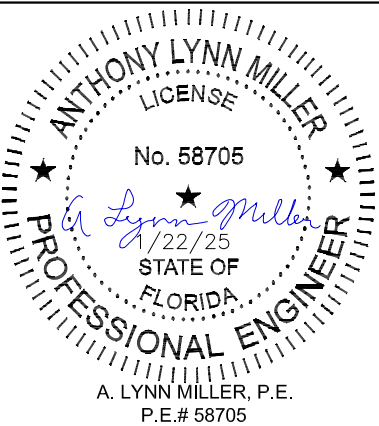
JENS ROSOWSKI

9020FPA-LM-1

6 OF 13

6 OF 13

6 OF 13



EDGE DISTANCE

WOOD, METAL OR CONCRETE

1/4" MAX. SHIM

7

EMBEDMENT

1

11

26

40

EXTERIOR

BUCK HEIGHT

DAYLIGHT OPENING HEIGHT

ANCHOR PER TABLE 1

This technical cross-section diagram illustrates the assembly of a window unit into a wall. The wall material, labeled 'WOOD, METAL OR CONCRETE', is shown with diagonal hatching. A vertical anchor bolt, labeled 'ANCHOR PER TABLE 1', passes through the wall and the window frame. The distance from the edge of the wall to the center of the anchor is marked as 'EDGE DISTANCE'. The portion of the anchor embedded in the wall is labeled 'EMBEDMENT'. A '1/4" MAX. SHIM' is placed between the wall and the window frame. Various components of the window frame are identified with circled numbers: 7 points to the top flange, 1 points to the side flange, 11 points to the bottom flange, 26 points to the bottom sash channel, and 40 points to the bottom sash. The diagram also shows the 'EXTERIOR' side with an arrow pointing left. Two vertical dimensions are indicated: 'BUCK HEIGHT' for the total height of the window assembly and 'DAYLIGHT OPENING HEIGHT' for the height of the opening between the sashes.

22

40

FOR HEAD OPTION, #16 ANCHORS ARE REQUIRED IN ANY CASE. SEE SHEET 10.

1/4" MAX. SHIM

WOOD, METAL OR CONCRETE

EDGE DISTANCE

EMBEDMENT

ANCHOR PER TABLE 1

B **FLANGE FRAME @ SILL**
 INSTALLED DIRECTLY TO SUBSTRATE

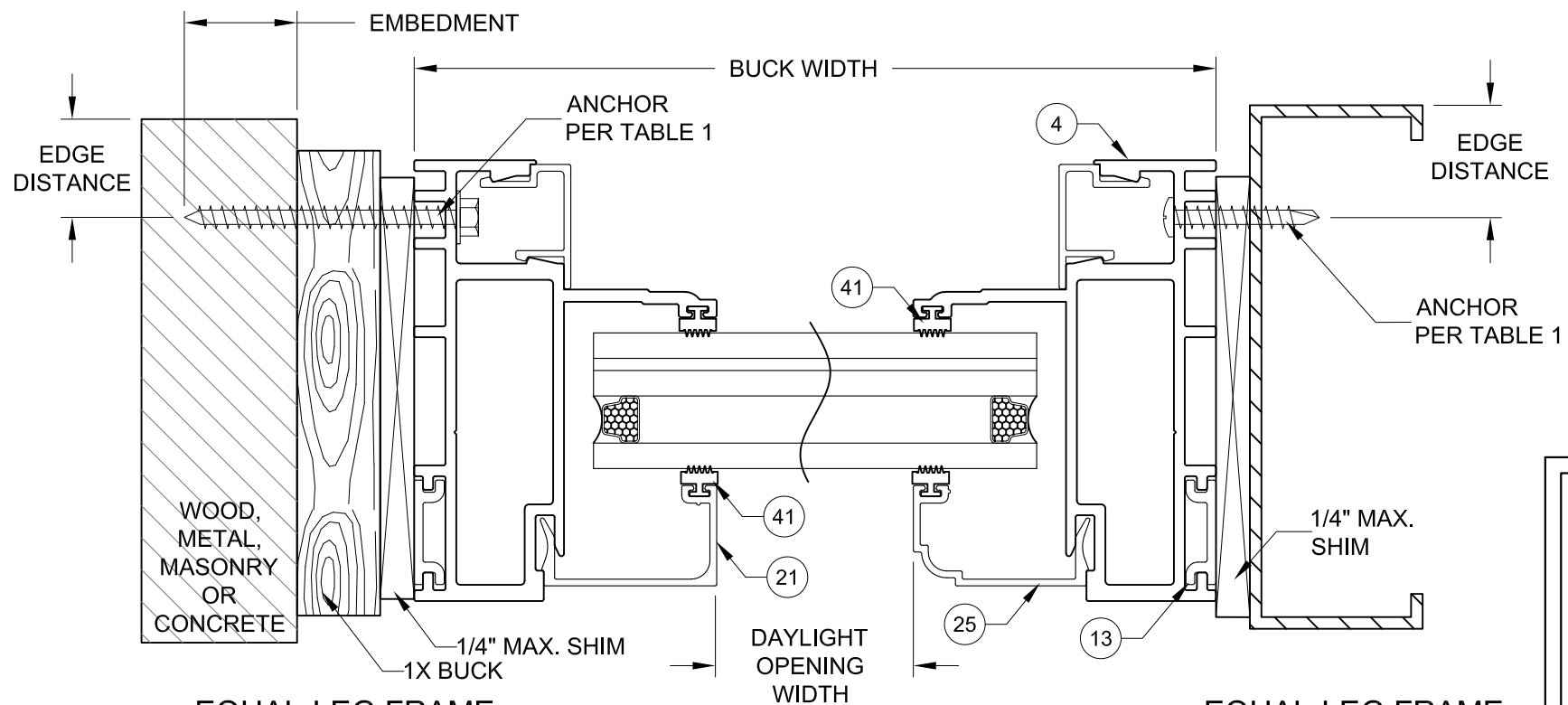
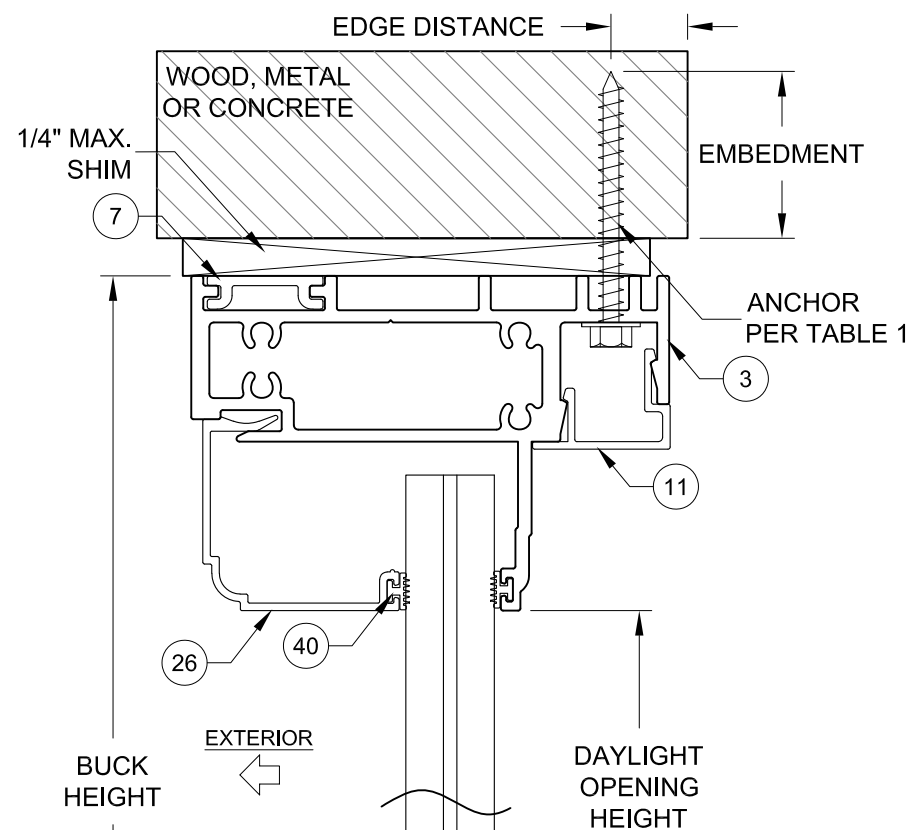
7) CONCRETE ANCHOR LOCATIONS MUST BE ADJUSTED TO MAINTAIN THE MINIMUM EDGE DISTANCE TO MORTAR JOINTS. ADDITIONAL CONCRETE ANCHORS MAY BE REQUIRED TO ENSURE THE O.C. DIMENSION IS NOT EXCEEDED.



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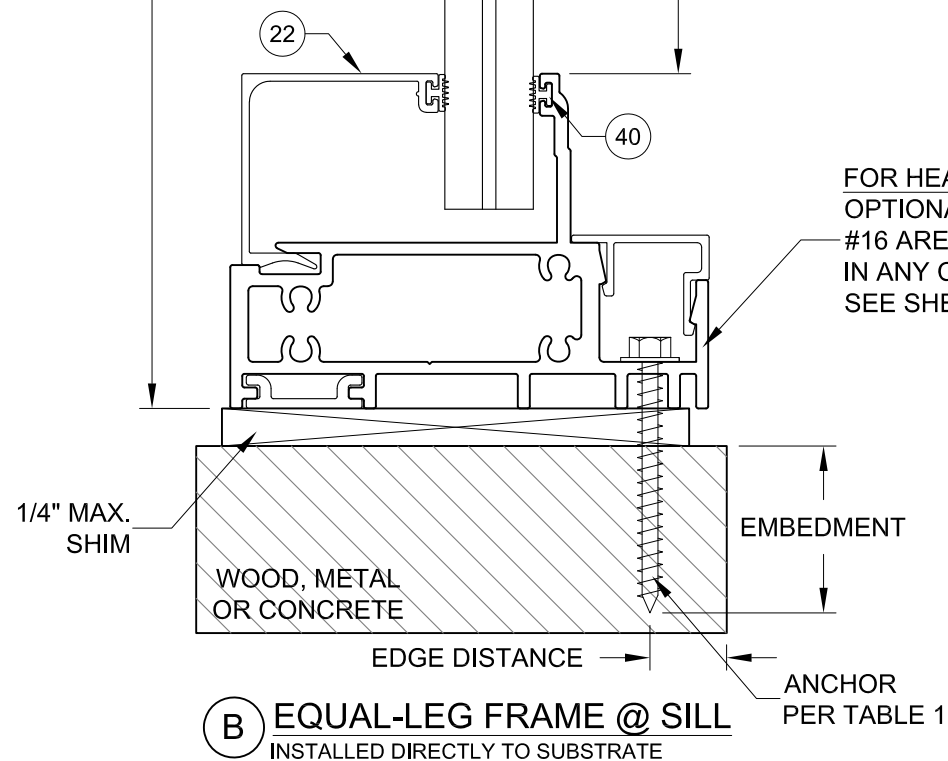
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P.E.# 58705

A EQUAL-LEG FRAME @ HEAD
INSTALLED DIRECTLY TO SUBSTRATE



C EQUAL-LEG FRAME @ LEFT JAMB
USING 1X BUCK

D EQUAL-LEG FRAME @ RIGHT JAMB
METAL SUBSTRATE



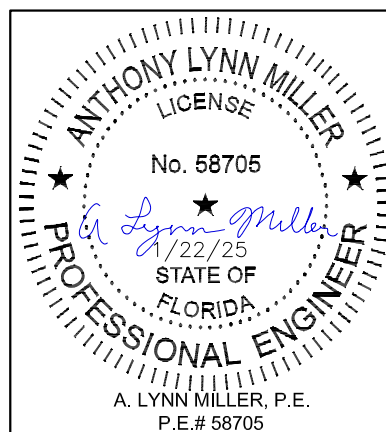
B EQUAL-LEG FRAME @ SILL
INSTALLED DIRECTLY TO SUBSTRATE

FOR HEAD AND SILL:
OPTIONAL RAILS #14, #15 &
#16 ARE ALSO APPROVED
IN ANY COMBINATIONS.
SEE SHEET 12.

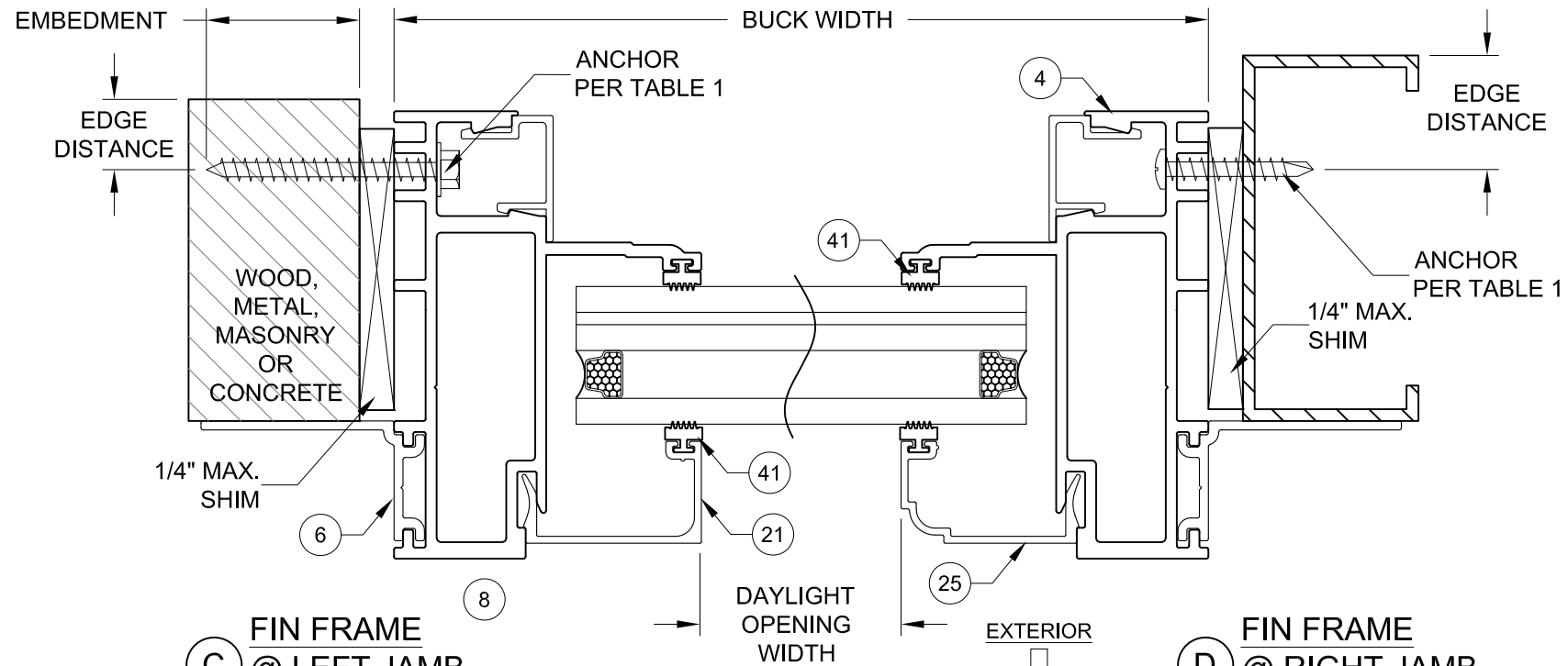
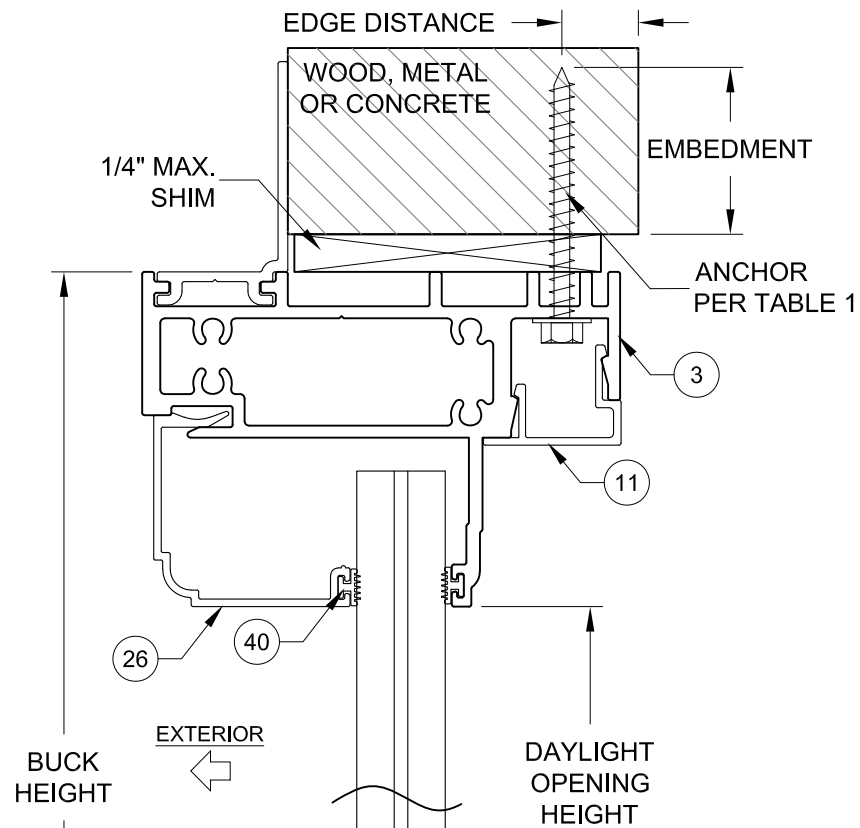
INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT AND EDGE DISTANCE DIMENSIONS FROM TABLE 1 AND O.C. DIMENSION FROM THE ELEVATION ON SHEETS 1 OR 5-6.
- 3) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
- 4) GLASS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER TO MEET DESIGN REQUIREMENTS.
- 5) MAX. SHIM THICKNESS TO BE 1/4". IF SHIMS ARE REQUIRED, SHIM AT EACH ANCHOR LOCATION.
- 6) CONCRETE ANCHOR LOCATIONS MUST BE ADJUSTED TO MAINTAIN THE MINIMUM EDGE DISTANCE TO MORTAR JOINTS. ADDITIONAL CONCRETE ANCHORS MAY BE REQUIRED TO ENSURE THE O.C. DIMENSION IS NOT EXCEEDED.

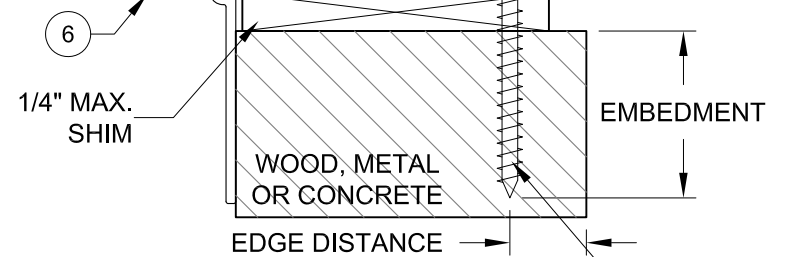
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		By	JENS ROSOWSKI
		DWG No.	9020FPA-LM-1
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432	ALUMINUM FIXED WINDOW (LM)	Sheet	8 OF 13
		Desc.	EQUAL-LEG FRAME INSTAL.
		Series	PW9020A



A FIN FRAME @ HEAD
INSTALLED DIRECTLY TO SUBSTRATE



B FIN FRAME @ SILL
INSTALLED DIRECTLY TO SUBSTRATE

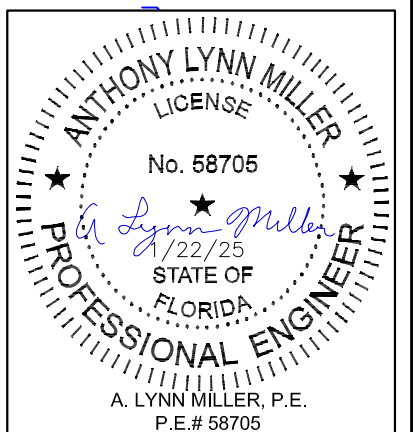


FOR HEAD AND SILL:
OPTIONAL RAILS #14, #15 &
#16 ARE ALSO APPROVED
IN ANY COMBINATIONS.
SEE SHEET 12.

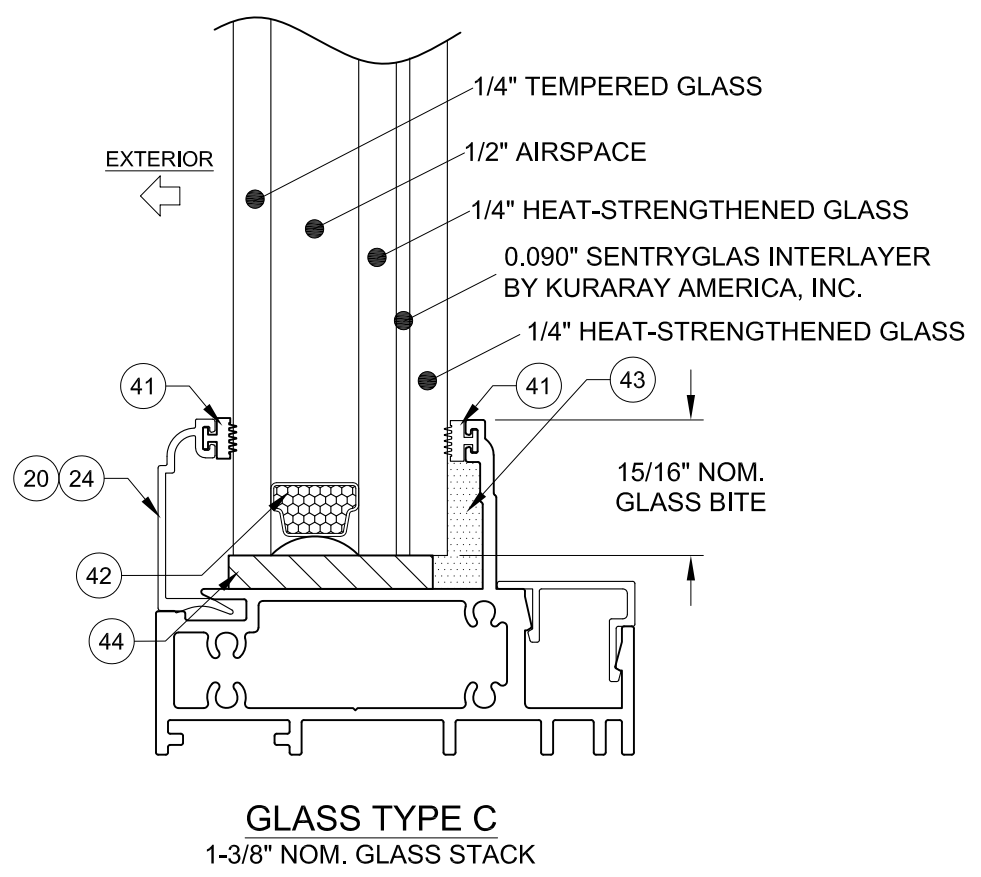
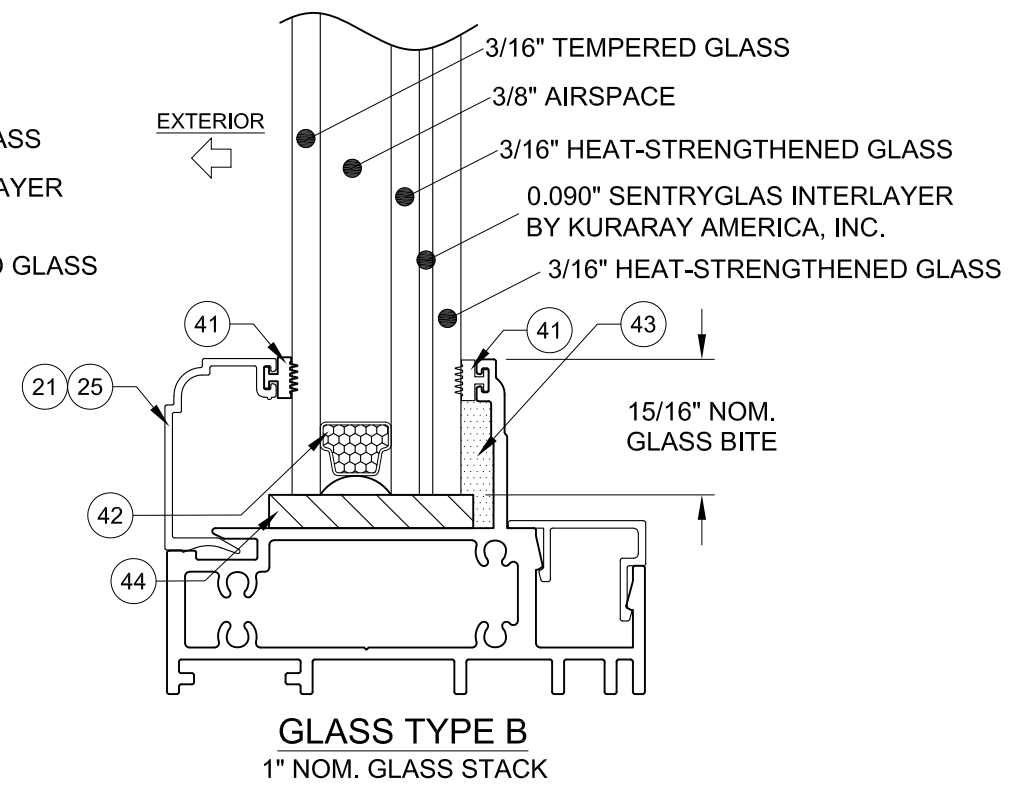
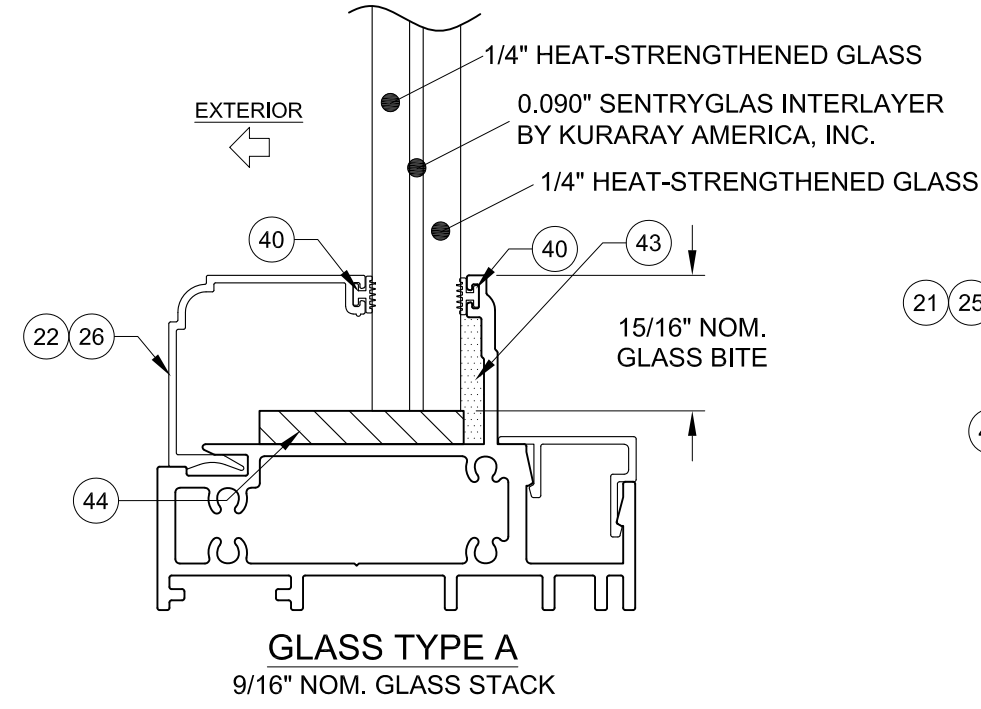
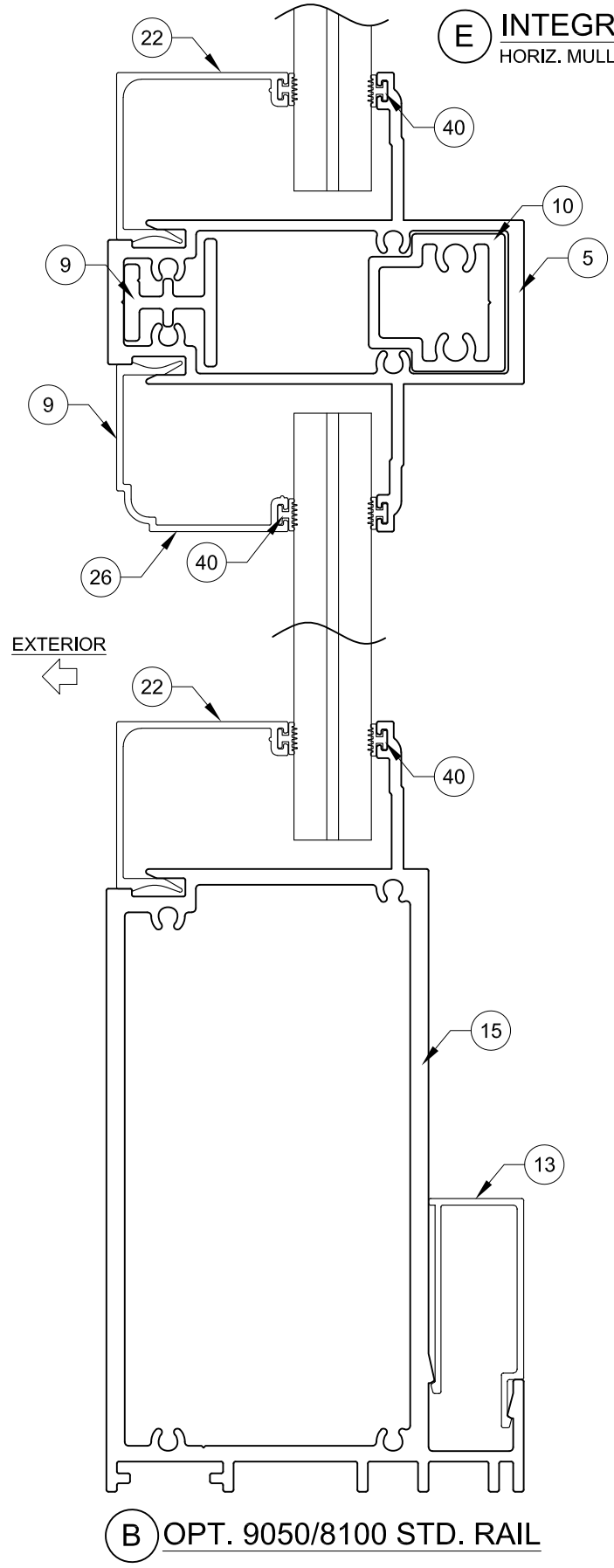
INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT AND EDGE DISTANCE DIMENSIONS FROM TABLE 1 AND O.C. DIMENSION FROM THE ELEVATION ON SHEETS 1 OR 5-6.
- 3) ANY INSTALLATION OPTION SHOWN (2X BUCK, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
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Series		PW9020A		Sheet		9 OF 13		DWC No.	
Desc.		FIN FRAME INSTALLATION		Date		By		JENS ROSOWSKI	
Title		ALUMINUM FIXED WINDOW (LM)		06/26/23		Drawn			

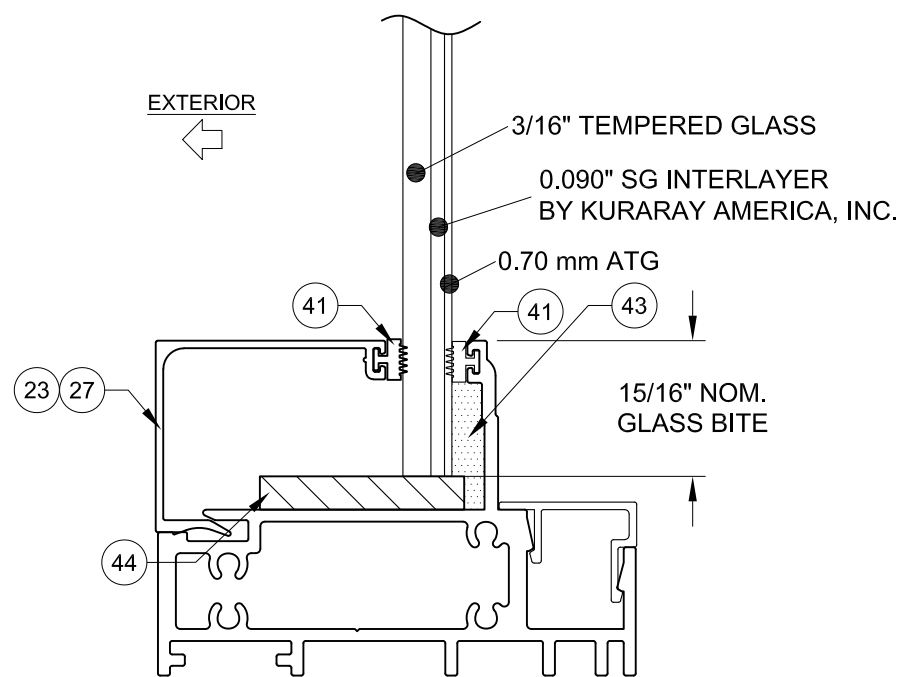


Rev.	1/7/25	F
Date	1/7/25	F
Update Sheet References	1/7/25	F

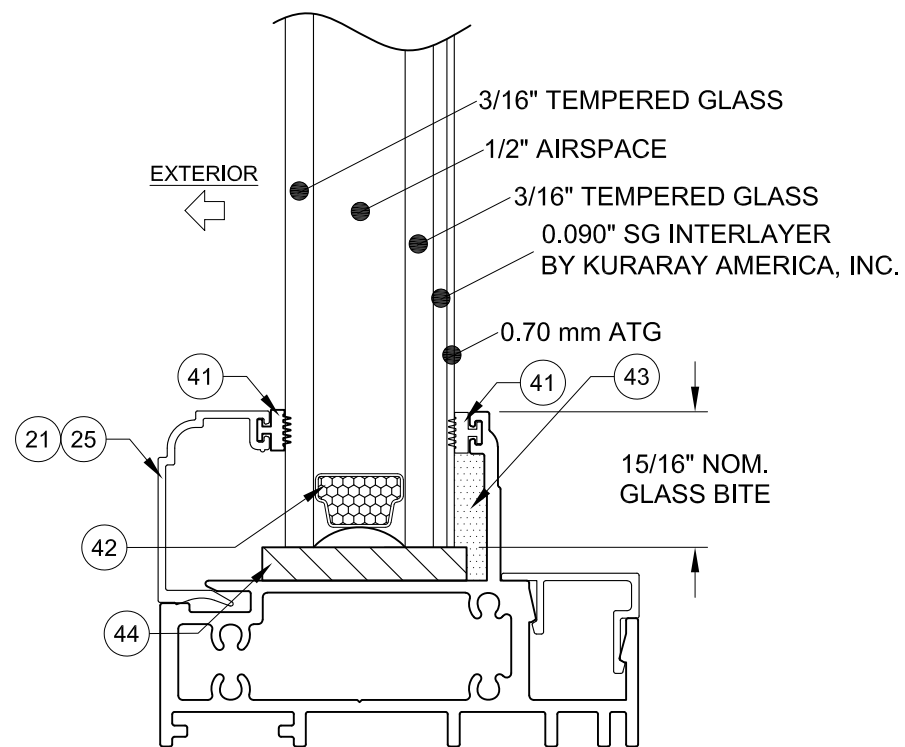


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MULLION & GLAZING DETAILS		10 OF 13		9020FPA-LM-1	
PW9020A		Sheet		DWG No.	

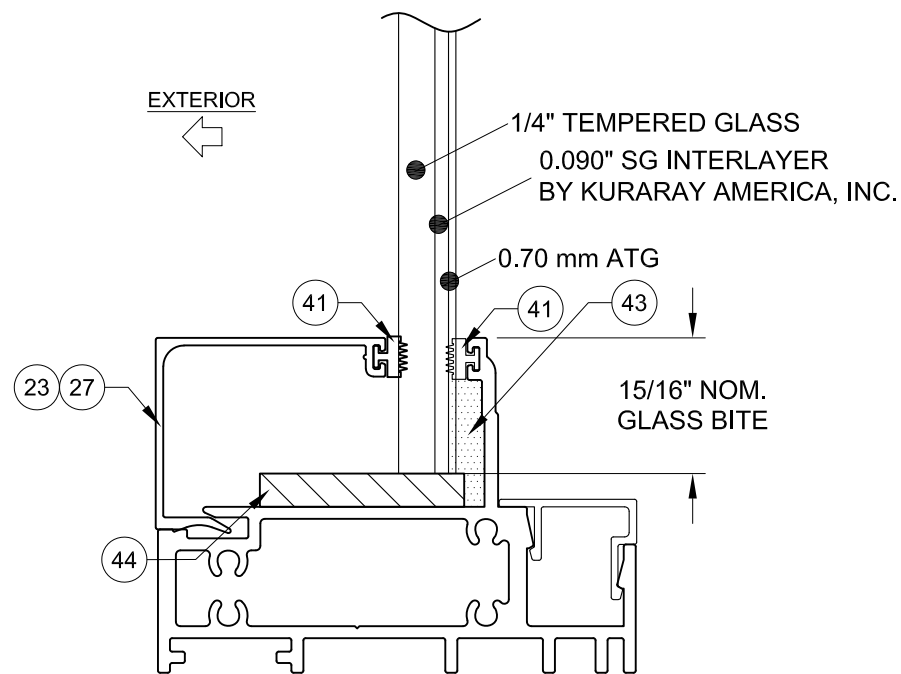
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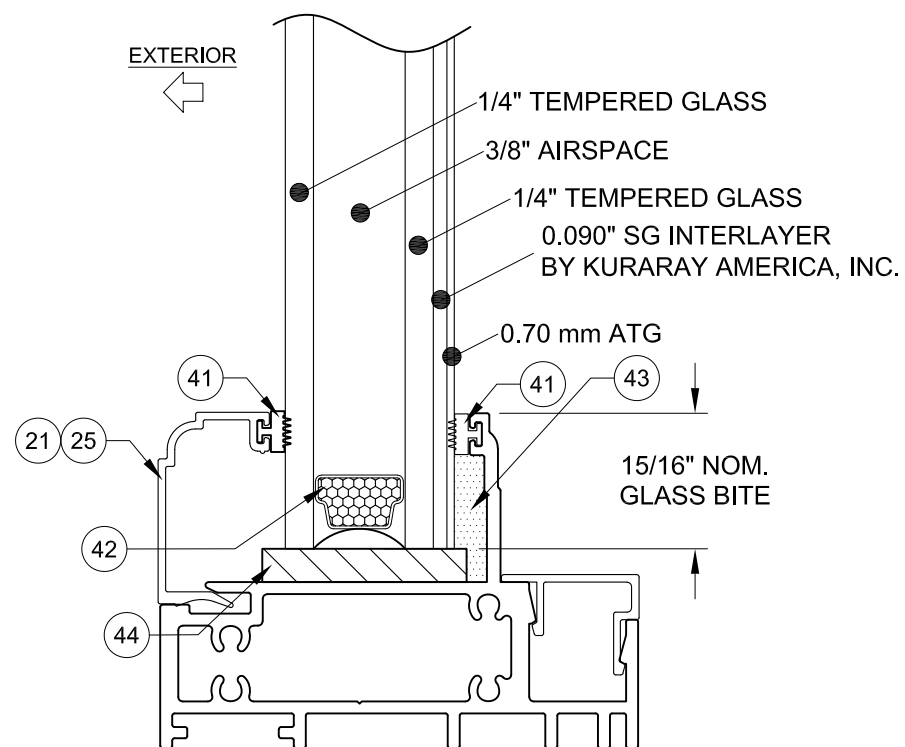
GLASS TYPE D
5/16" NOM. GLASS STACK



GLASS TYPE E
1" NOM. GLASS STACK



GLASS TYPE F
3/8" NOM. GLASS STACK



GLASS TYPE G
1" NOM. GLASS STACK

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ALUMINUM FIXED WINDOW (LM)		Date	06/26/23
MULLION & GLAZING DETAILS		Drawn By	JENS ROSOWSKI
Series	PW9020A	DWG No.	9020FFA-LM-1
Sheet	11 OF 13		

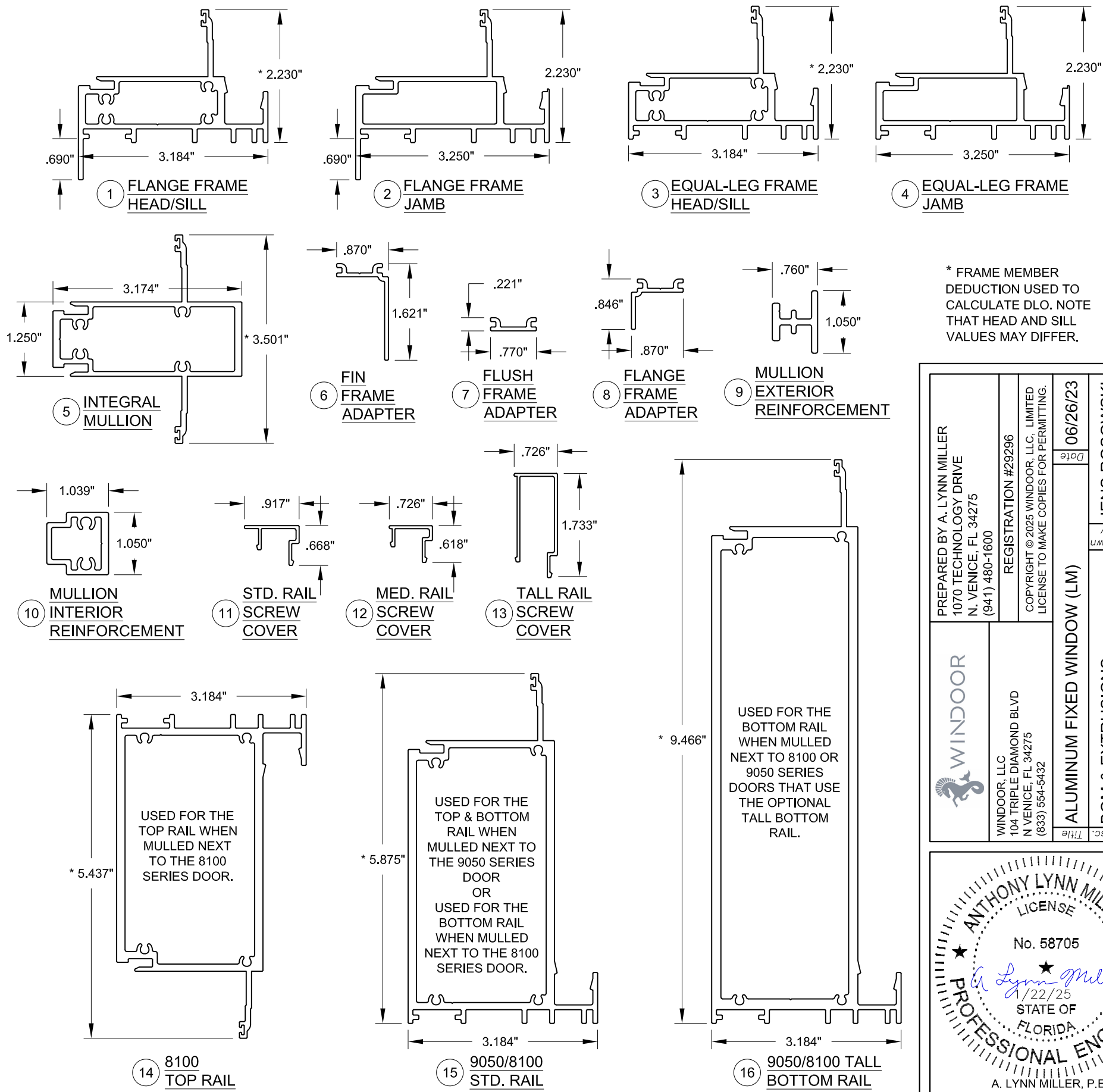
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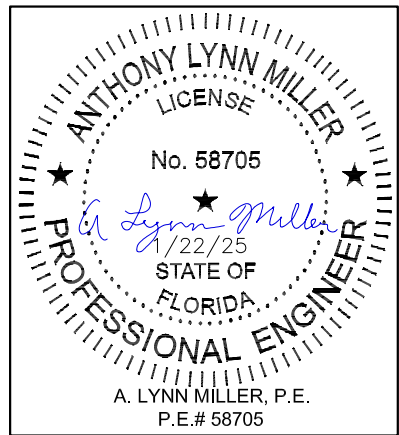
Rev.	UPDATED GLASS TYPE OPTIONS	Date	1/7/25	Rev.#	F
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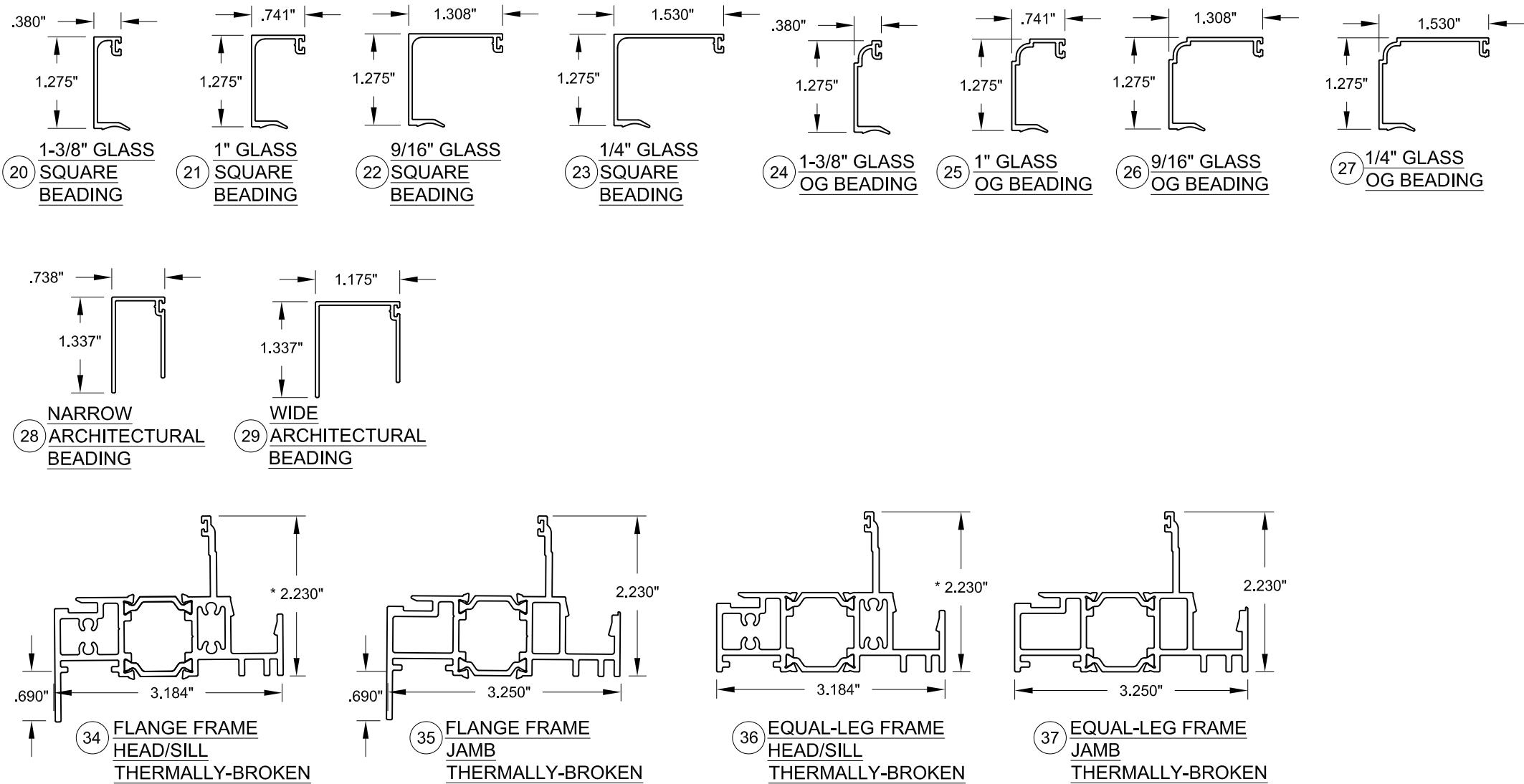
TABLE 11:

ITEM #	PART #	DESCRIPTION	MATERIAL
1	12012616	Flange Frame Head & Sill	ALUM. 6063-T6
2	12012615	Flange Frame Jamb	ALUM. 6063-T6
3	12012475	Equal-leg Frame Head & Sill	ALUM. 6063-T6
4	12012476	Equal-leg Frame Jamb	ALUM. 6063-T6
5	12012620	Integral Mullion	ALUM. 6063-T6
6	11049332	Fin Frame Adapter	ALUM. 6063-T6
7	11049330	Flush Frame Adapter	ALUM. 6063-T6
8	11049331	Flange Frame Adapter	ALUM. 6063-T6
9	11006558	Mullion Exterior Reinforcement	ALUM. 6063-T6
10	11006559	Mullion Interior Reinforcement	ALUM. 6063-T6
11	11049328	Std. Screw Cover	ALUM. 6063-T6
12	11052614	Med. Rail Screw Cover	ALUM. 6063-T6
13	11010417	Tall Rail Screw Cover	ALUM. 6063-T6
14	12012619	8100 Top Rail	ALUM. 6063-T6
15	12012617	9050/8100 Std. Rail	ALUM. 6063-T6
16	12012618	9050/8100 Tall Bottom Rail	ALUM. 6063-T6
20	11053909	1-3/8" Square Glass Beading	ALUM. 6063-T6
21	11052598	1" Square Glass Beading	ALUM. 6063-T6
22	11052597	9/16" Square Glass Beading	ALUM. 6063-T6
23	11052596	1/4" Square Glass Beading	ALUM. 6063-T6
24	11046083	1-3/8" OG Glass Beading	ALUM. 6063-T6
25	11046084	1" OG Glass Beading	ALUM. 6063-T6
26	11049329	9/16" OG Glass Beading	ALUM. 6063-T6
27	11046082	1/4" OG Glass Beading	ALUM. 6063-T6
28	11055400	Narrow Architectural Beading	ALUM. 6063-T6
29	11055399	Wide Architectural Beading	ALUM. 6063-T6
30	131014	#8 x 1" SMS (Frame Assembly)	Stainless Steel
31		#8 x 1-3/4" SMS (Mullion Assembly)	Stainless Steel
34	9020A1-WDI	Flange Frame Head & Sill, TB	ALUM. 6063-T6
35	9020A2-WDI	Flange Frame Jamb, TB	ALUM. 6063-T6
36	902A03-WDI	Equal-leg Frame Head & Sill, TB	ALUM. 6063-T6
37	902A11-WDI	Equal-leg Frame Jamb, TB	ALUM. 6063-T6
40	121005	Thin Glazing Vinyl, 80 +/-5 Duro.	Vinyl
41	121006	Thick Glazing Vinyl, 80 +/-5 Duro.	Vinyl
42		IG Spacer	varies
43		SikaFlex 552, Dow 791/983 Backbedding	Silicone
44		Setting Block, 85 +/-5 Duro.	Rubber



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		DWG No.	9020FPA-LM-1
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432	ALUMINUM FIXED WINDOW (LM)	Sheet	12 OF 13
		Desc.	BOM & EXTRUSIONS
		Series	PW9020A





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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 564-5432		ALUMINUM FIXED WINDOW (LM)		13 OF 13 Sheet		BOM & EXTRUSIONS		PW9020A	
WINDOOR		ALUMINUM FIXED WINDOW (LM)		13 OF 13 Sheet		BOM & EXTRUSIONS		PW9020A	

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