## HR910V HORIZONTAL ROLLER WINDOW, LM/SM IMPACT RESISTANT, FLANGE, EQUAL-LEG & FIN FRAMES

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.

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

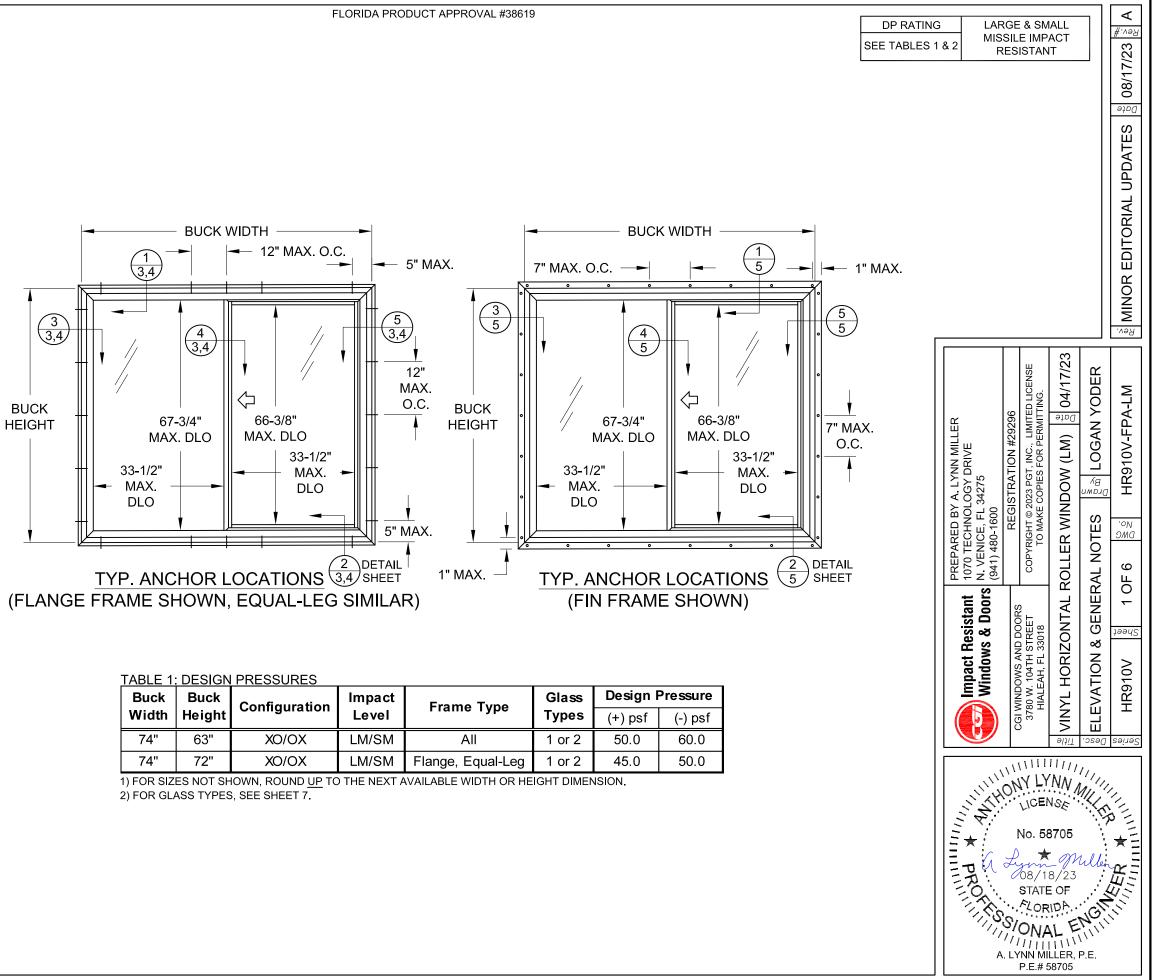


TABLE 1:	DESIGN	PRESSURES

Buck	Configuration L Frame Type	Glass Design Pres		Pressure			
Width		conngulation	Level	Traine Type	Types	(+) psf	(-) psf
74"	63"	XO/OX	LM/SM	All	1 or 2	50.0	60.0
74"	72"	XO/OX	LM/SM	Flange, Equal-Leg	1 or 2	45.0	50.0

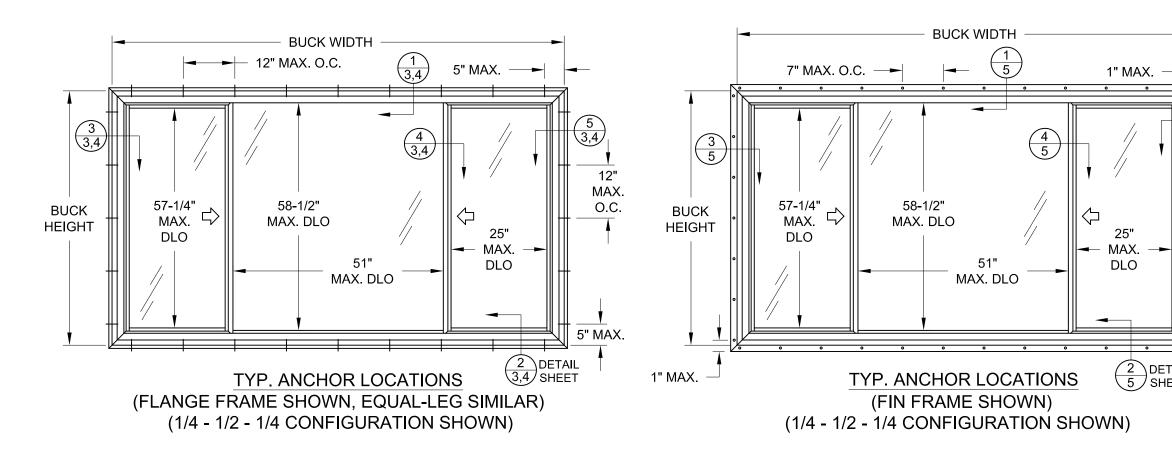


TABLE 2: XOX DESIGN PRESSURES

Buck	Buck	Buck Configuration Impact Frame Glass Types		Design Pressure			
Width	Height	Configuration	Level	Туре	Glass Types	(+) psf	(-) psf
82-7/8"	63"	1/3 - 1/3 - 1/3 XOX	LM/SM	All	1, 2, 3 or 4 (operable) 3 or 4 (fixed lite)	50.0	55.0
111"	63"	1/4 - 1/2 - 1/4 XOX	LM/SM	All	1, 2, 3 or 4 (operable) 4 (fixed lite)	50.0	55.0
111"	63"	1/4 - 1/2 - 1/4 XOX	LM/SM	All	1, 2, 3 or 4 (operable) 3 (fixed lite)	See Table 2A	

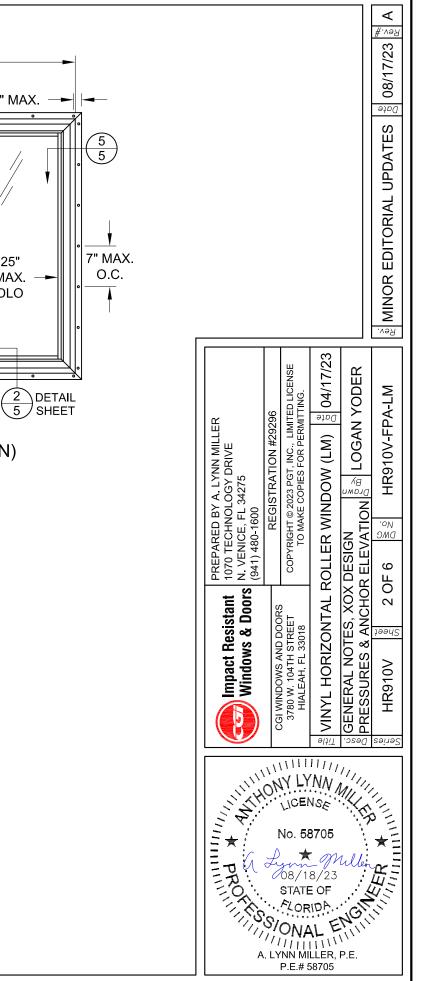
1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

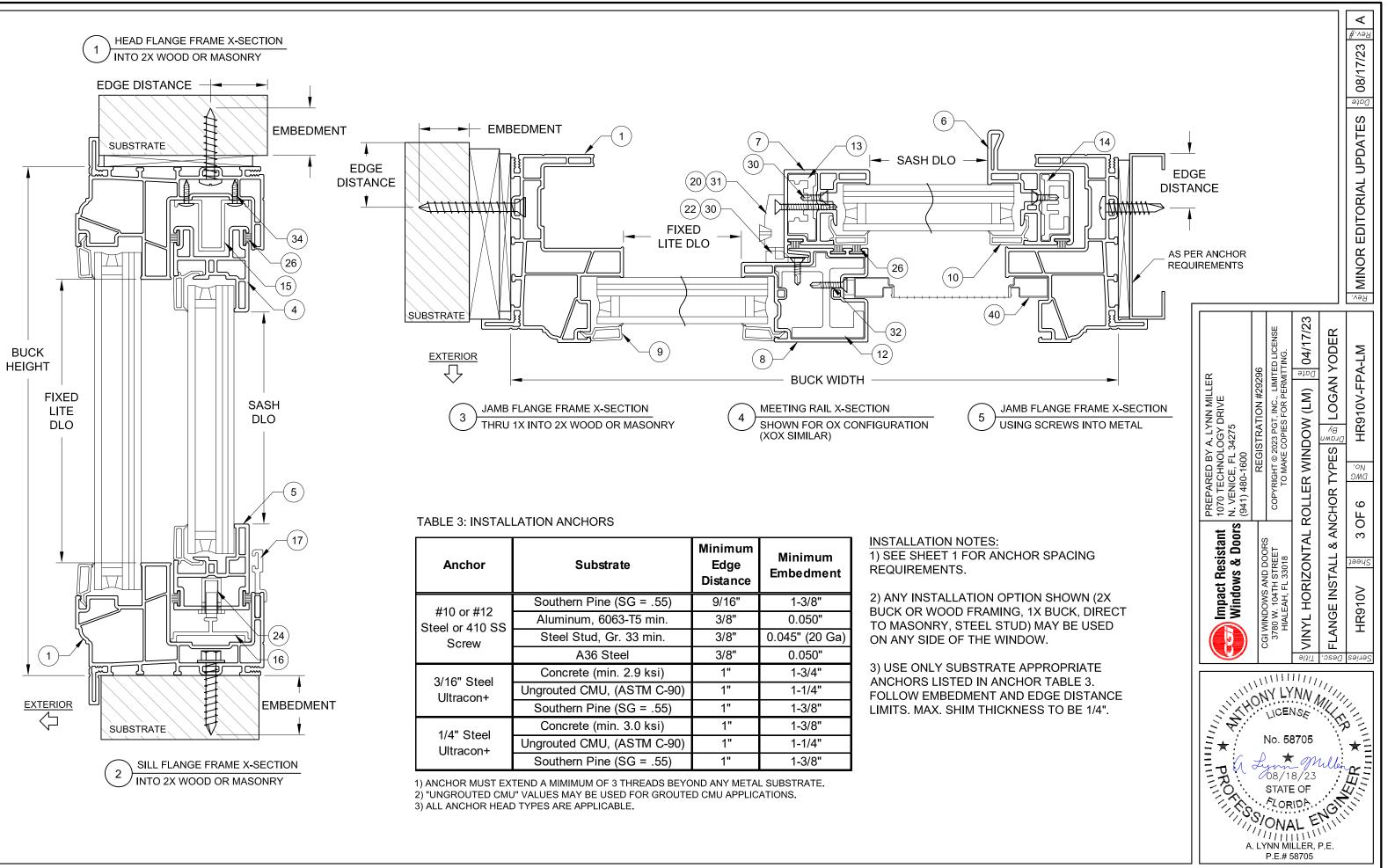
2) FOR GLASS DESCRIPTIONS, SEE SHEET 7.

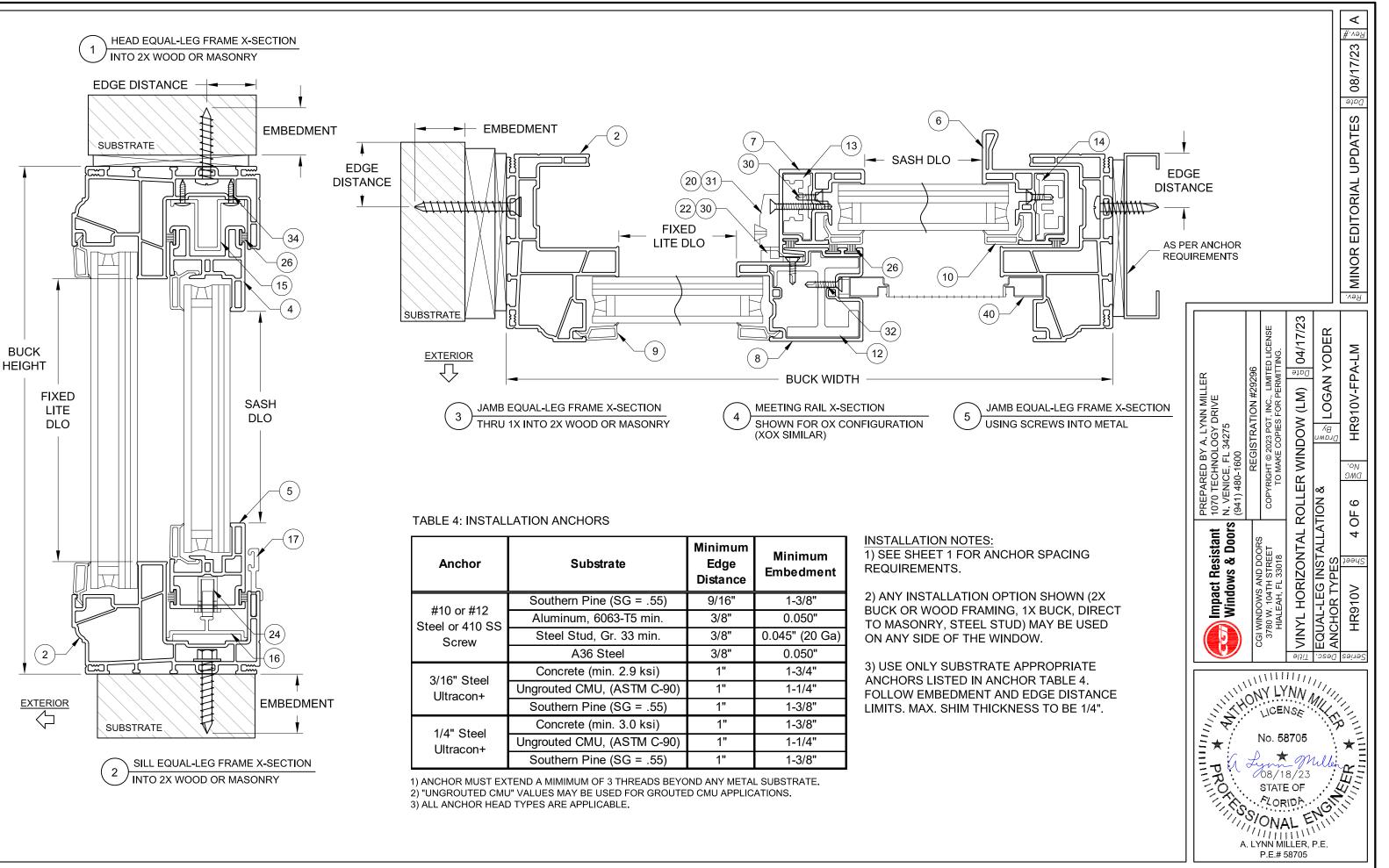
TABLE 2A:

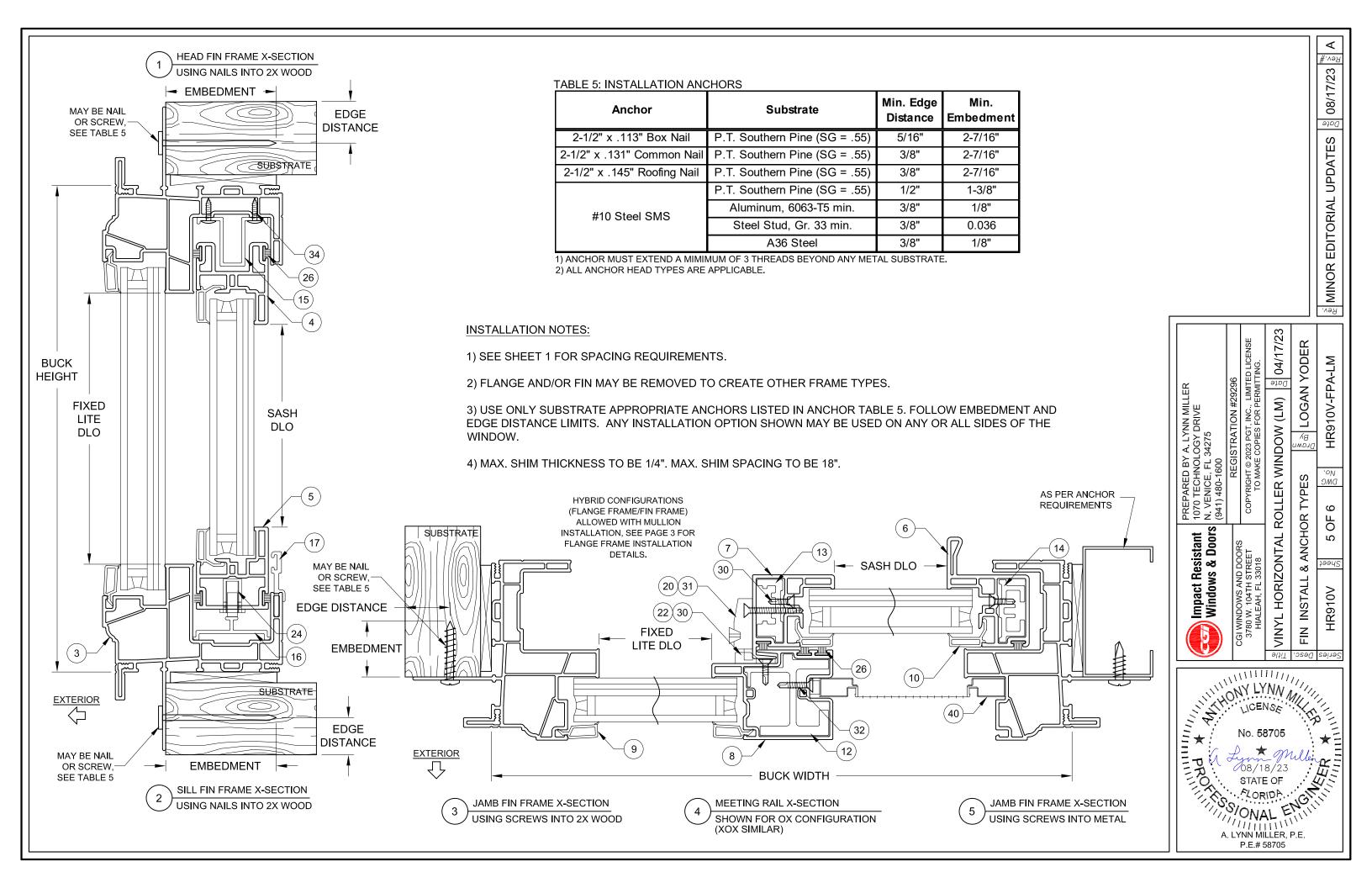
Design Pressure		XOX 1/4 - 1/2 - 1/4 using Glass Types 3 at Fixed Lite							
		Width							
		60"	72"	84"	96"	108"	111"		
	36"	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55		
Ţ	48"	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55		
Height	54"	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55	+50/-55		
Ш	60"	+50/-55	+50/-55	+50/-55	+50/-55	+50.0/-52.9	+50.0/-52.2		
	63"	+50/-55	+50/-55	+50/-55	+50.0/-54.2	+50.0/-50.4	+/-49.6		

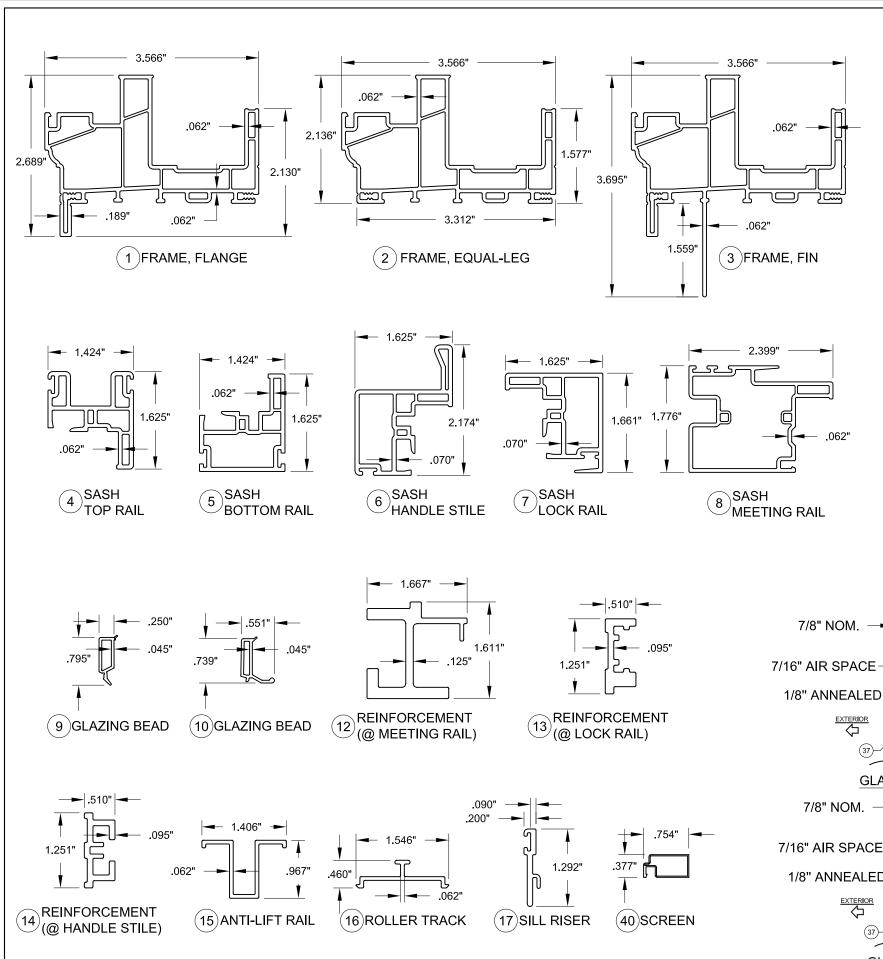
1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION. 2) FOR GLASS DESCRIPTIONS, SEE SHEET 7.











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TABLE	6:							∦.v9Я
	BILL OF MATERIALS							08/17/23
ITEM #	PART #		MATERIAL					117
1	0.400	Frame, Flange	PVC					80
2	9439	Frame, Equal-Leg	PVC PVC					Date
3	9478	Frame, Fin Sash Top Rail	PVC PVC					G
4	9478	Sash Top Rail Sash Bottom Rail	PVC					ΪÜ
6	9424 9475	Sash Handle Stile	PVC					MINOR EDITORIAL UPDATES
7	9476	Sash Lock Rail	PVC					日
8	9477	Sash Meeting Rail	PVC					
9	9436	Glazing Bead	PVC					¥
10	9425	Glazing Bead	PVC					<u> </u>
12	6165	Reinforcement @ Meeting Rail	6063-T6					[ [ ]
13	6163	Reinforcement @ Lock Rail	6063-T6					
14	6166	Reinforcement @ Handle Stile	6063-T6					Ш
15	6162	Anti-Lift Rail	6063-T6					L R
16	6161	Roller Track	6063-T6					<u>z</u>
17	6158	Sill Riser	6063-T6					Σ
20	8097	Lock						Rev.
22	8302	Keeper						
24	8153	Roller Assm.			Щ	04/17/23	Ŷ	
25	8223	Weep Cover	Composite		ENS ENS	17	LOGAN YODER	_
26	4007	Weatherstrip, .270" x .250" Polyfin			N LO	4	Image: Displayed state	HR910V-FPA-LM
30	1003	Screw, #6 x 1/2" PFH	Steel		98 HE	Date	$\tilde{\succ}$	
31	1007	Screw, #6 x 1-1/4" PFH	Steel	山山	ERM ERM		Z	#
32	1012	Screw, #6 x 3/4" PFH	Steel			Σ	Q	
33	1015	Screw, #8 x 1/2" PTRUSS	Steel			L L	2	10
34	1067	Screw, #6 x 3/8" PPH	Steel	1405	PGT RAT	$\geq$	λg	<u>ଥ</u> ା ଅ
35		RGS7700, Sika 552, Dow 791,983,995 Backbedding		A 1 842	STF 231	B	บหฉีมบ	<b>エ</b>
36 37		IG Spacer	varies	≿j°,s	REGISTRATION #29296 4T © 2023 PGT, INC., LIMITE MAKE COPIES FOR PERMITI	WINDOW (LM)		
40	6244	Setting Block Screen	varies		MALT R	≥		.oN
40	0244	Screen	Nylon		10,80	ER		DMC
PRODUC	CED BY EX	RIGID PVC EXTERIOR EXTRUSIONS ARE TO B XTRUDERS' LICENSEES UNDER "AAMA PROGRAMS FOR RIGID BVC EXTRUSIONS"	ЗE	PREPARED BY A. LYNN MILLER istant 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2023 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	ROLLE		OF 6
CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS". 7/8" NOM. 1/8" ANNEALED 0.090" PVB 7/16" AIR 0.090" PVB 7/16" AIR 0.090" PVB 1/8" ANNEALED 1/8" ANNEALED 1/8" TEMPERED 1/8" TEMPERED 1/8" ANNEALED 1/8" A					CGI WINDOWS AND DOORS 3780 W. 104TH STREET HIALEAH, FL 33018		EXTRUSIONS & BOM	Series Sheet Sheet
36 1/2" NOM.   GLASS BITE   ASS TYPE 1								
7/8" NOM. 1/8" ANNEALED 0.105" PVB 7/16" AIR 0.105" PVB 1/8" ANNEALED 1/8" ANNEALED 1/8" ANNEALED 1/8" TEMPERED 1/8" ANNEALED 1/8" ANNEALED 1/2" NOM. EXTERIOR GLASS BITE 30 GLASS TYPE 3 31 31 31 31 31 31 31 31 31 3				What A PROPULATION AND A PROPU	No. 59 No. 59 08/1 STATE SON/ 1/1/111 LYNN MI P.E.#5	NSE 3705 8/23 E OF 10 A. E 11111 LLER, F	Ille Ille	

