

SERIES HR5510
IMPACT RESISTANT HORIZONTAL ROLLER

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST TEMPERED.
- 3) 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, (EOR) OR ARCHITECT OF RECORD, (AOR).
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 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. FOR INTEGRAL FIN FRAMES INSTALL SHIMS AT MAX. 18" O.C.
- 6) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL/CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL/ CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 7) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 8) REFER TO CURRENT FLORIDA BUILDING CODE FOR EGRESS REQUIREMENTS.
- 9) FRAME FLANGES OR INTEGRAL FINES MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

SEE SHEET 2 FOR USER INSTRUCTIONS.

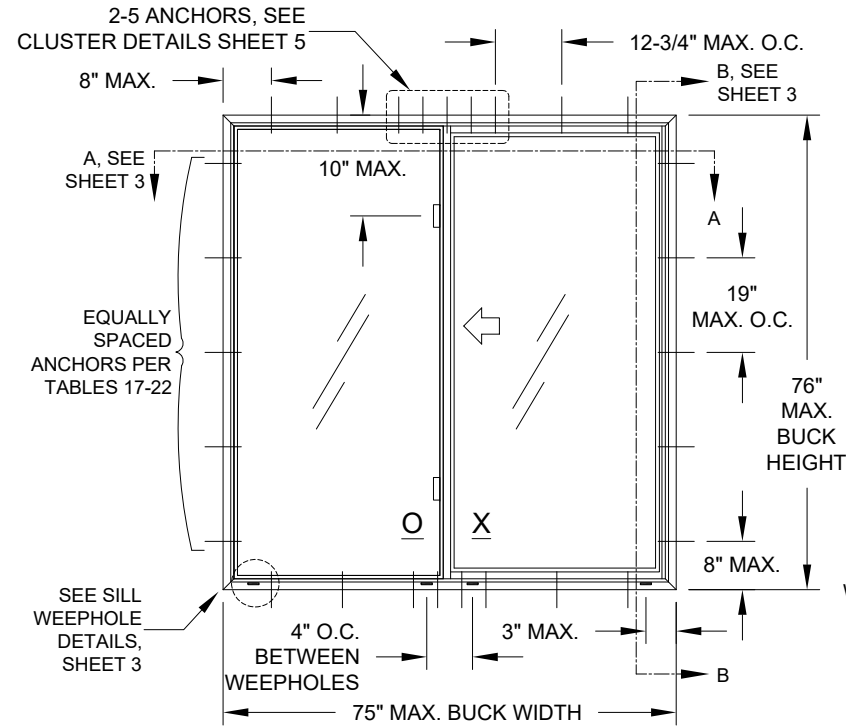
WHERE THE PRODUCT WILL BE INSTALLED WITHIN 3,000 FEET OF A SALTWATER COASTLINE, IT MUST COMPLY WITH SECTION 1711 OF THE FBC, BUILDING OR R332 OF THE FBC, RESIDENTIAL.

GENERAL NOTES.....	1
ELEVATIONS.....	1
FRAME, GLASS & ANCHOR OPTIONS.....	2
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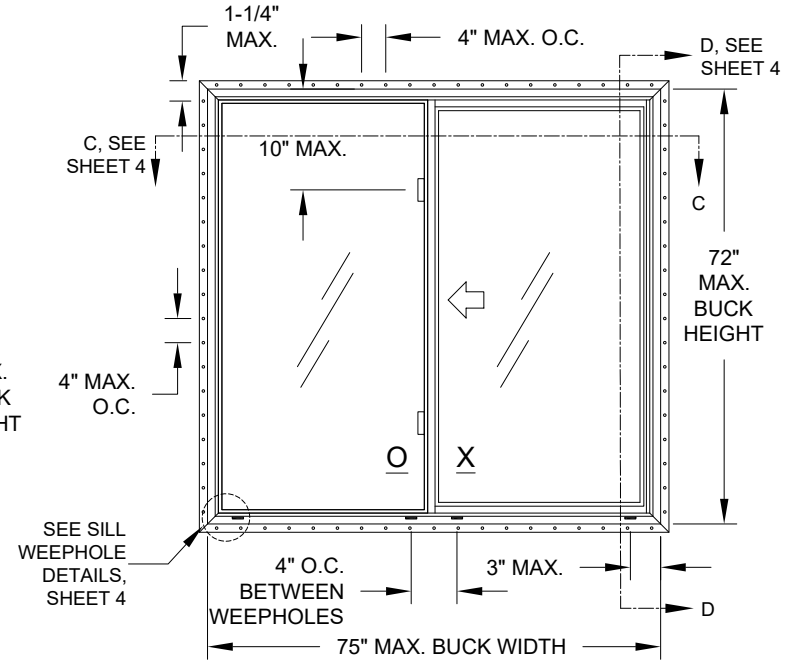
VISIBLE LIGHT FORMULAS
(EQUAL-LITE, XO & OX)

WIDTH: BUCK WIDTH / 2 - 4-1/4"
HEIGHT: BUCK HEIGHT - 7-1/4"

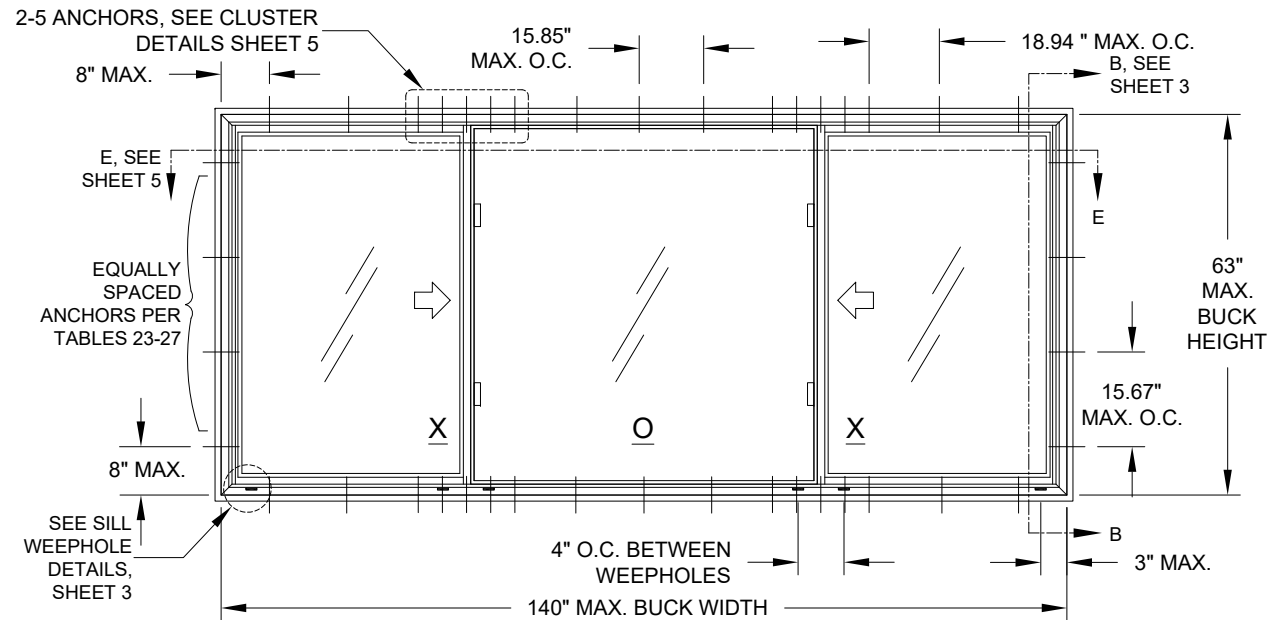
FLORIDA PRODUCT APPROVAL #1844



ELEVATION FOR TYP. EQUAL LEG FRAME
SHOWN AS OX CONFIGURATION



ELEVATION FOR TYP. FIN OR J-CHANNEL
FRAME SHOWN AS OX CONFIGURATION
ANCHORED THROUGH THE NAIL-FIN



ELEVATION FOR TYP. FLANGE FRAME
SHOWN AS XO CONFIGURATION

DESIGN PRESSURE RATING VARIES, SEE SHEETS 7-8
WATER TEST PRESSURE 15% OF (+) DP
IMPACT RATING LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D

PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
Title	VINYL HORIZONTAL ROLLER WINDOW			Date	07/07/26		
Desc.	GENERAL NOTES & ELEVATION			By	JENS ROSOWSKI		
Series	HR5510	Sheet	1 OF 18	DWG No.	HR5510-LM-HVHZ		

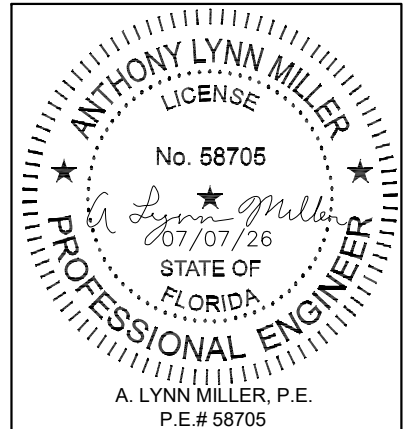


TABLE 1: ALLOWABLE GLASS TYPES

Glass Type	Description
5	7/8" LIG: 1/8" AN Cap + 7/16" AIR + 1/8" AN + 0.090" PVB + 1/8" AN
6	7/8" LIG: 1/8" TP Cap + 7/16" AIR + 1/8" AN + 0.090" PVB + 1/8" AN
7	7/8" LIG: 3/16" AN Cap + 3/8" AIR + 1/8" AN + 0.090" PVB + 1/8" AN
8	7/8" LIG: 3/16" TP Cap + 3/8" AIR + 1/8" AN + 0.090" PVB + 1/8" AN
10	7/8" LIG: 1/8" TP Cap + 7/16" AIR + 1/8" HS + 0.090" SG + 1/8" HS
11	7/8" LIG: 3/16" AN Cap + 3/8" AIR + 1/8" HS + 0.090" SG + 1/8" HS
12	7/8" LIG: 3/16" TP Cap + 3/8" AIR + 1/8" HS + 0.090" SG + 1/8" HS
14	7/8" LIG: 1/8" TP Cap + 5/16" AIR + 3/16" AN + 0.090" SG + 3/16" AN
15	7/8" LIG: 3/16" AN Cap + 1/4" AIR + 3/16" AN + 0.090" SG + 3/16" AN
16	7/8" LIG: 3/16" TP Cap + 1/4" AIR + 3/16" AN + 0.090" SG + 3/16" AN

TABLE 2: ANCHORS INSTALLED THROUGH FRAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
A	#10 SMS Carbon Steel or 18-8, 316, 410 SS	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+	Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 3 ksi)	1"	1-3/8"
B	#12 SMS Carbon Steel or 18-8, 316, 410 SS	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
		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+ 1/4" 410 SS Creteflex 1/4" 304 SS Aggre-Gator	Aluminum, 6063-T5*	3/8"	0.063"
		Southern Pine (SG=0.55)	1"	1-3/8"
		Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" Steel Ultracon+	Southern Pine (SG=0.55)	1"	1-3/8"
		Concrete (min. 3 ksi)	1-3/16"	1-3/4"
	1/4" 410 SS Creteflex	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
D	1/4" Steel Ultracon+	Concrete (min. 3.35 ksi)	1"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" 410 SS Creteflex	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
		Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	1/4" 304 SS Aggre-Gator	Grouted CMU, (ASTM C-90)	2"	2"

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
E	2-1/2" x 0.131" Common Nail	Southern Pine (SG=0.55)	3/8"	2-7/16"
F	2-1/2" Ring-shank Roofing Nail	Southern Pine (SG=0.55)	3/8"	2-7/16"
		Southern Pine (SG=0.55)	1/2"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.050"
		Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ga.)
	#10 SMS Carbon Steel or 18-8, 316 or 410 SS	Steel, A36*	3/8"	0.050"
		Southern Pine (SG=0.55)	9/16"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.063"
		Steel Stud, Gr. 33*	3/8"	0.050"
	#12 SMS Carbon Steel or 18-8, 316 or 410 SS	Steel, A36*	3/8"	0.050"

GLASS TYPES 10 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

GLASS TYPES 5, 7, 11 & 15 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

"AN" = ANNEALED
"HS" = HEAT STRENGTHENED
"TP" = TEMPERED
"PVB" = 0.090" TROSIFOL PVB BY KURARAY AMERICA, INC.
"SG" = 0.090" SENTRYGLAS BY KURARAY AMERICA, INC.

1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

2) ALL SCREWHEAD TYPES ARE APPLICABLE.

3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.

4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.

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

1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.

2) ALL SCREWHEAD TYPES ARE APPLICABLE.

3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.

4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.

TABLE 4: INDEX OF INSTALLATION METHODS PER FRAME TYPE

Frame Types	Glass Options (see Table 1)	Installation Conditions	Substrate Option Detail Sheet
J-Channel	1 - 4	Through the integral fin.....	into 2X Wood Frame/Buckstrip - sheet 4, option 5
			into Metal - sheet 5, option 8
		Through the frame of the window.....	into 2X Wood Frame/Buckstrip - sheet 4, option 6
			into Metal - sheet 4, option 7
Flange	1 - 4	Through the frame of the window.....	into 2X Wood Frame/Buckstrip - sheet 3, option 1
			into Concrete/CMU - sheet 3, option 2
			through 1X Buckstrip into Concrete/CMU - sheet 3, option 3
			into Metal - sheet 3, option 4
Integral Fin	1 - 4	Through the integral fin.....	into 2X Wood Frame/Buckstrip - sheet 4, option 5
			into Metal - sheet 5, option 8
		Through the frame of the window.....	into 2X Wood Frame/Buckstrip - sheet 5, option 6
			into Metal - sheet 4, option 7
Box / Equal-Leg	1 - 4	Through the frame of the window.....	into 2X Wood Frame/Buckstrip - sheet 3, option 1
			into Concrete/CMU - sheet 3, option 2
			through 1X Buckstrip into Concrete/CMU - sheet 3, option 3
			into Metal - sheet 3, option 4

TABLE 5:

Index to All Design Pressure and Anchor Quantity Tables								
Config.	Max. Width	Max. Height	Glass Type	Reinf. Level	Design Pressure		Anchor Quantity	
					Table #	Sheet #	Table #	Sheet #
XO or OX	75"	54"	5 - 8	1	6	6	17	9
		54"		2	7	6	18	9
		63"		3	8	7	19	10
		63"		4	11	8	21	11
		72"		4	10	8	20	10
	75"	76"	6 - 8	10 - 12	4	12	8	22
				14 - 16	4	12	8	22
XOX	120"	63"	5 - 8	3	9	7	23	12
			5 & 6	4	13	8	24	13
			7 & 8	4	14	8	25	14
	140"	63"	10 - 12	4	15	8	26	15
			14 - 16	4	16	8	27	16

USER INSTRUCTIONS:

1) DETERMINE THE SITE SPECIFIC, WINDOW OPENING'S DESIGN PRESSURE REQUIREMENT USING WINDLOAD STANDARD ASCE 7.

2) KNOWING YOUR FRAME TYPE, WINDOW CONFIGURATION (OX, XO, XOX), SIZE, GLAZING OPTION FROM (TABLE 1) AND REINFORCEMENT LEVEL, DETERMINE YOUR WINDOW'S DESIGN PRESSURE REQUIREMENT FOR THE WINDOW OPENING USING TABLES 6-16 (SHEETS 7-8). IT MUST EQUAL OR EXCEED THE DESIGN PRESSURE REQUIREMENT FOR THE WINDOW OPENING OBTAINED IN STEP 1. USE INDEX TABLE 5 TO HELP FIND THE APPROPRIATE TABLE.

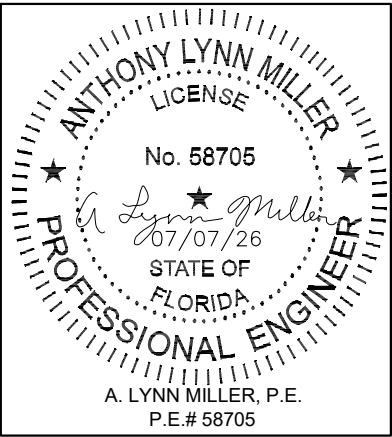
3) DETERMINE THE MOST SUITABLE ANCHOR GROUP FROM TABLES 2 AND 3 ACCORDING TO THE INSTALLATION CONDITIONS.

4) DETERMINE THE ANCHOR QUANTITY FROM TABLES 17-27, VERIFY THE ANCHOR/SUBSTRATE WILL MEET REQUIREMENTS FOR YOUR OPENING'S CONDITION FROM TABLES 2 OR 3, AND THAT ALL MIN. REQUIREMENTS FROM THIS SHEET-SET ARE MET.

5)INSTALL AS PER SHEETS 3-5. USE TABLE 4 ON TO FIND THE APPROPRIATE DETAILS.

NOTE: DESIGN PRESSURE RATING DETERMINATION IS THE SAME PROCESS FOR ALL FRAME TYPES (J-CHANNEL, FLANGE, INTEGRAL FIN OR EQUAL LEG/BOX).

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VINYL HORIZONTAL ROLLER WINDOW		07/07/26		JENS ROSOWSKI	
GLZ DETAIL/ANCHOR/ASSEMBLY		DWN		HR5510-LM-HVHZ	
HR5510		2 OF 18		Sheet	
Title		Desc.		Series	



Rev.	
Date	
Rev. #	

ANTHONY LYNN MILLER

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No. 58705

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07/07/26

STATE OF FLORIDA

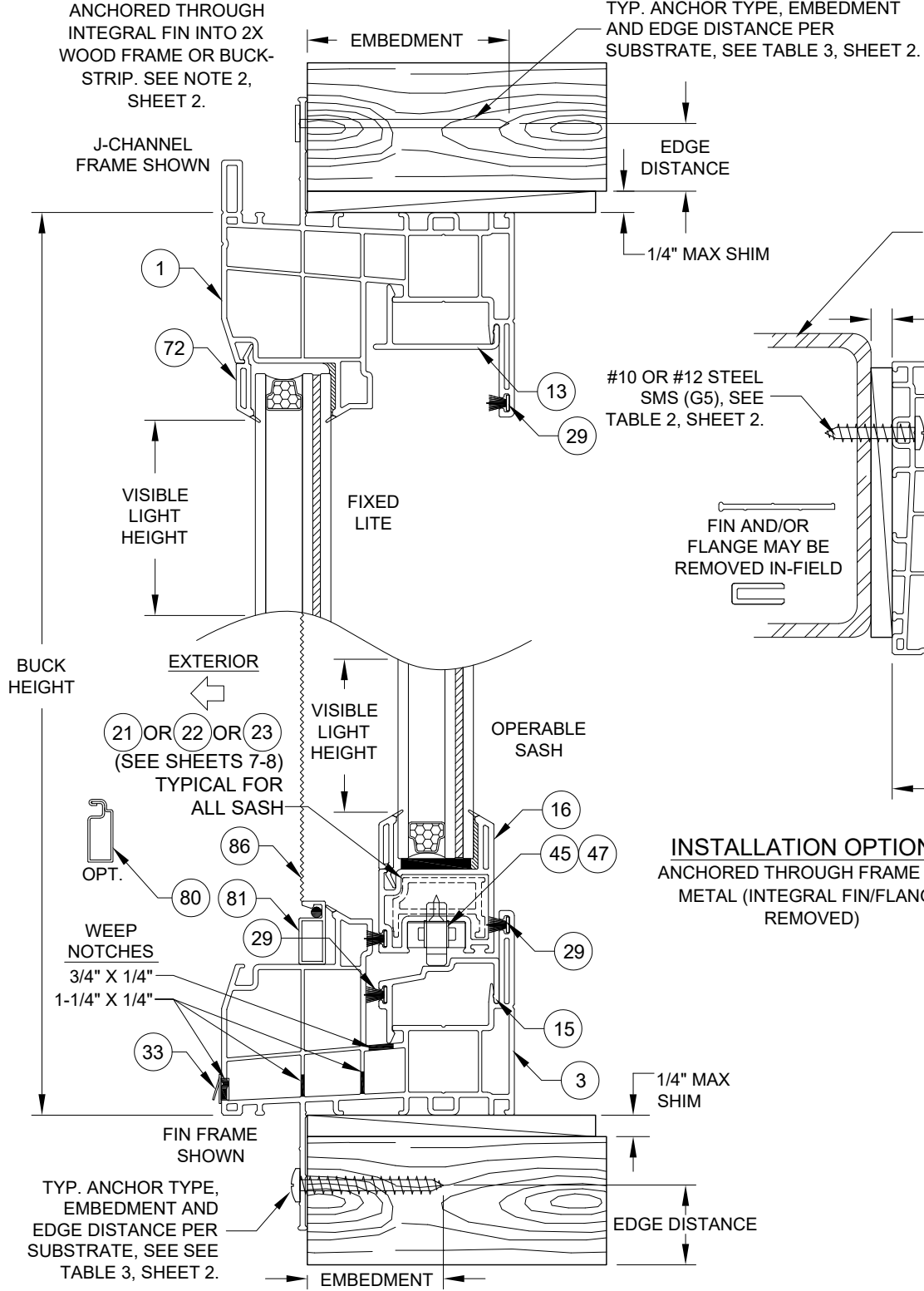
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.

P.E.# 58705

INSTALLATION DETAILS FOR FIN AND J-CCHANNEL FRAMES

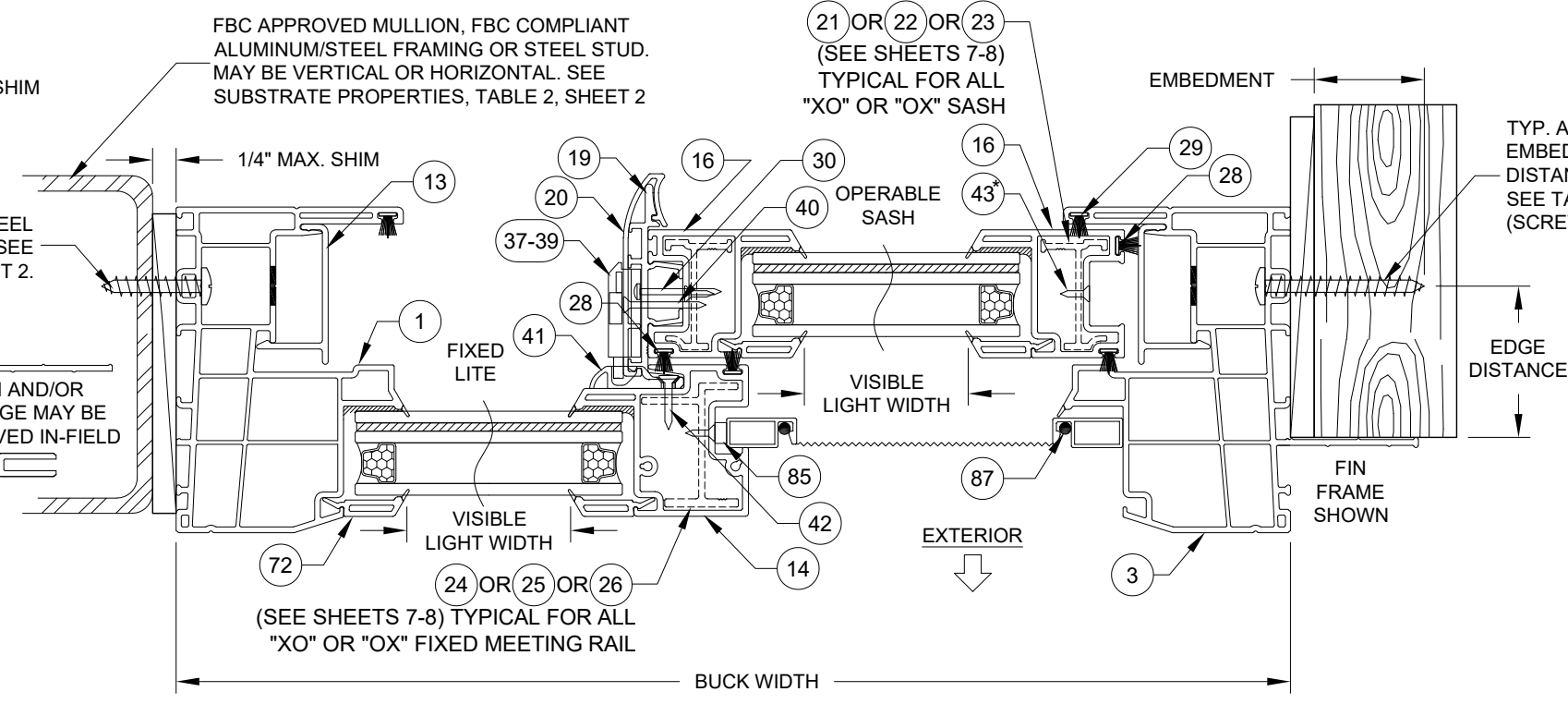
INSTALLATION OPTION 5



INSTALLATION OPTION 5
ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCK-STRIP. SEE NOTE 2, SHEET 2.

VERTICAL
SECTION D-D

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



HORIZONTAL SECTION C-C (OX)

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

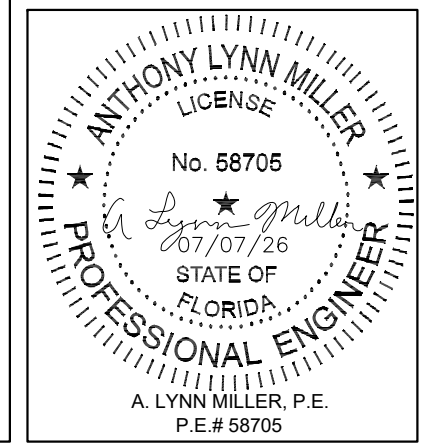
INSTALLATION OPTION 7
ANCHORED THROUGH FRAME INTO METAL (INTEGRAL FIN/FLANGE REMOVED)

INSTALLATION NOTES:

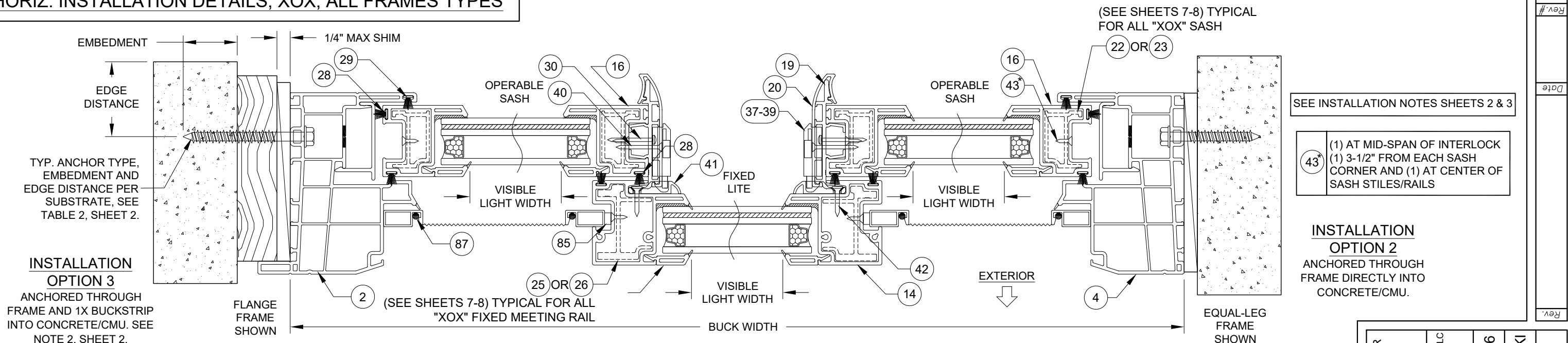
- 1) USE ONLY ANCHORS LISTED ON THIS SHEET. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
- 3) IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION APPROVAL APPLIES TO WHOLE SYSTEM.

(1) AT MID-SPAN OF INTERLOCK
(1) 3-1/2" FROM EACH SASH CORNER AND (1) AT CENTER OF SASH STILES/RAILS

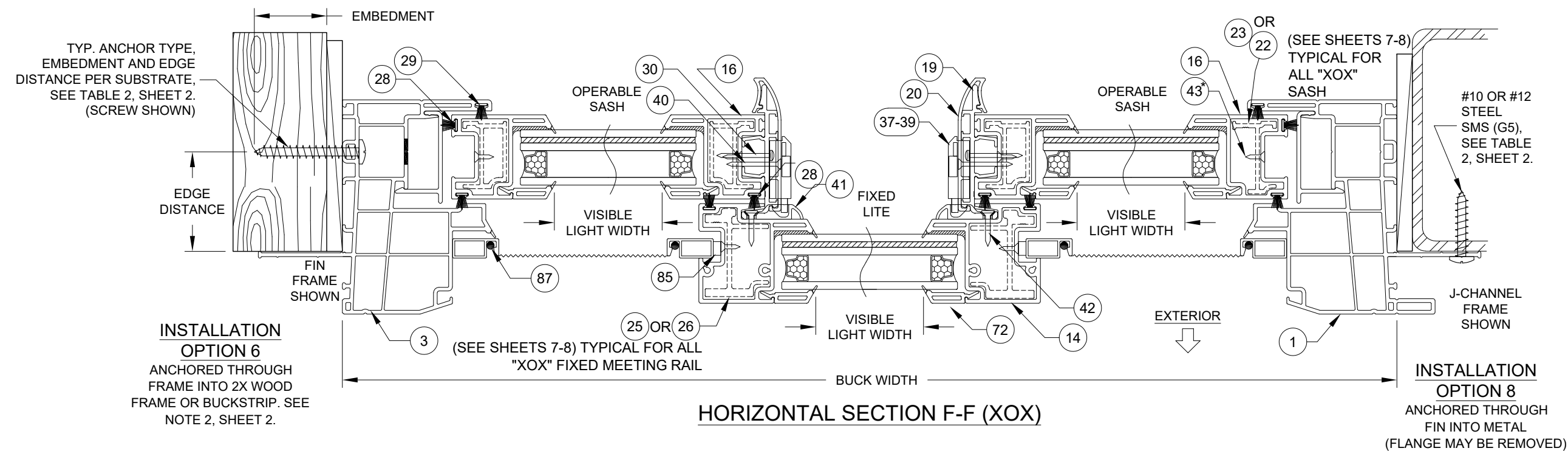
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INST., INTEGRAL FIN & J-CHAN.		JENS ROSOWSKI		HR5510-LM-HVHZ	
HR5510		4 OF 18		Sheet	
Title		Desc.		Series	



HORIZ. INSTALLATION DETAILS, XOX, ALL FRAMES TYPES

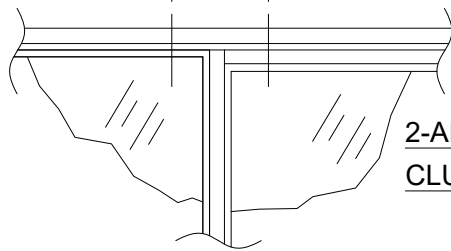


HORIZONTAL SECTION E-E (XOX)



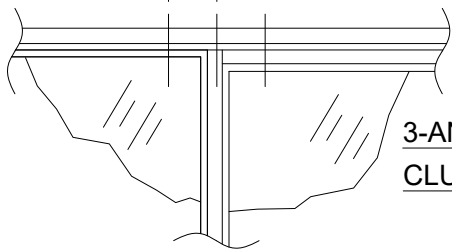
HORIZONTAL SECTION F-F (XOX)

8" MAX. O.C.
4" MIN. O.C.



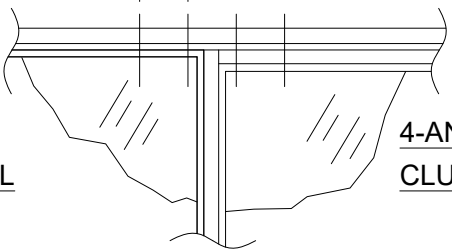
2-ANCHOR
CLUSTER DETAIL

4" MAX. O.C.



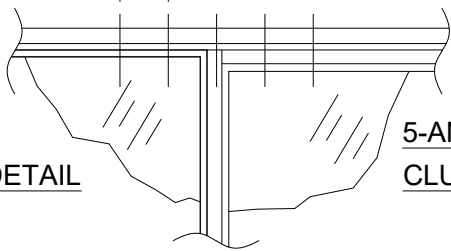
3-ANCHOR
CLUSTER DETAIL

4" MAX. O.C.



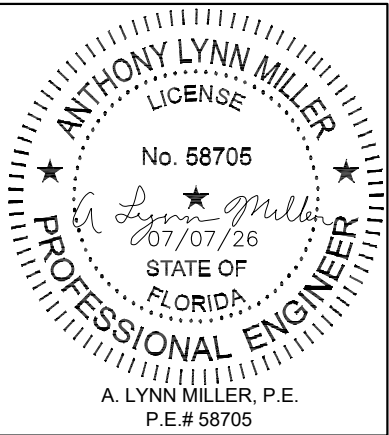
4-ANCHOR
CLUSTER DETAIL

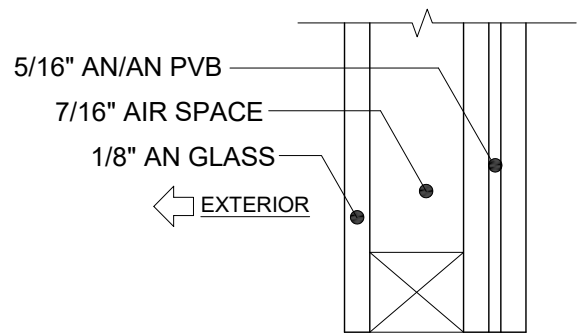
4" MAX. O.C.



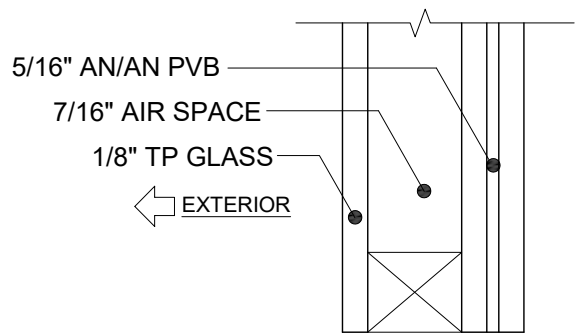
5-ANCHOR
CLUSTER DETAIL

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		VINYL HORIZONTAL ROLLER WINDOW		HR5510		Series Desc. Title	

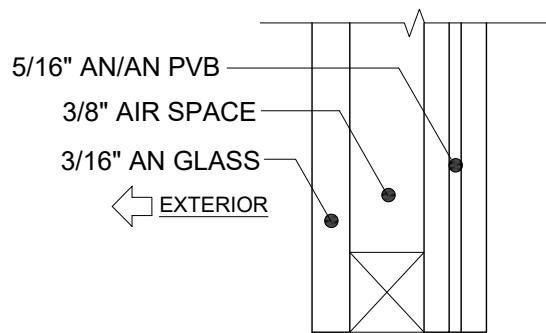




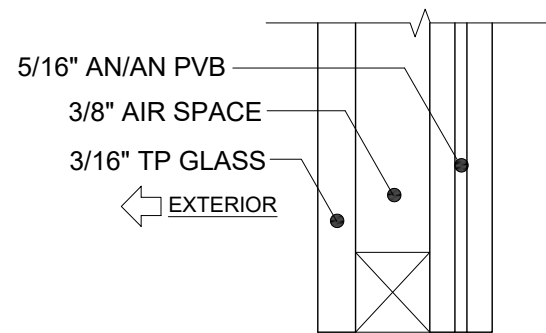
GLASS TYPE 5
7/8" NOM. GLASS STACK



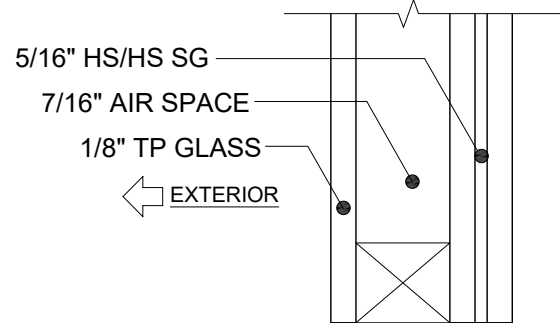
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7/8" NOM. GLASS STACK



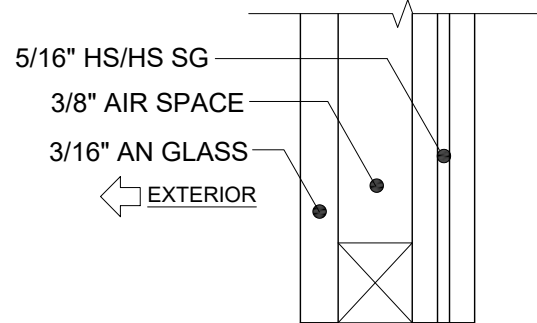
GLASS TYPE 7
7/8" NOM. GLASS STACK



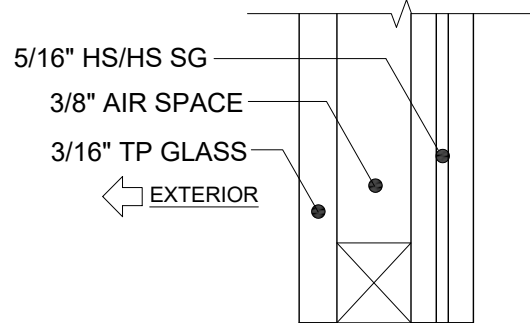
GLASS TYPE 8
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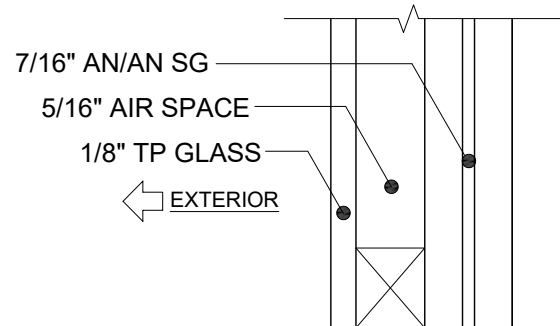
GLASS TYPE 10
7/8" NOM. GLASS STACK



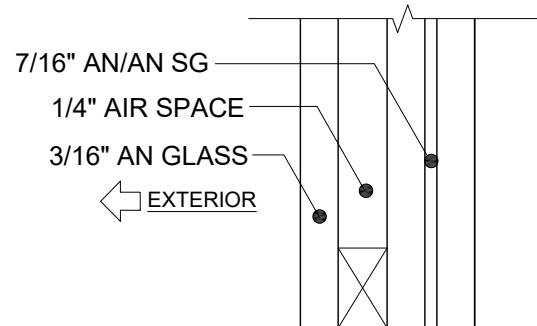
GLASS TYPE 11
7/8" NOM. GLASS STACK



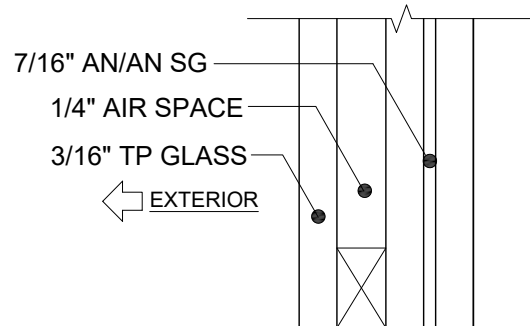
GLASS TYPE 12
7/8" NOM. GLASS STACK



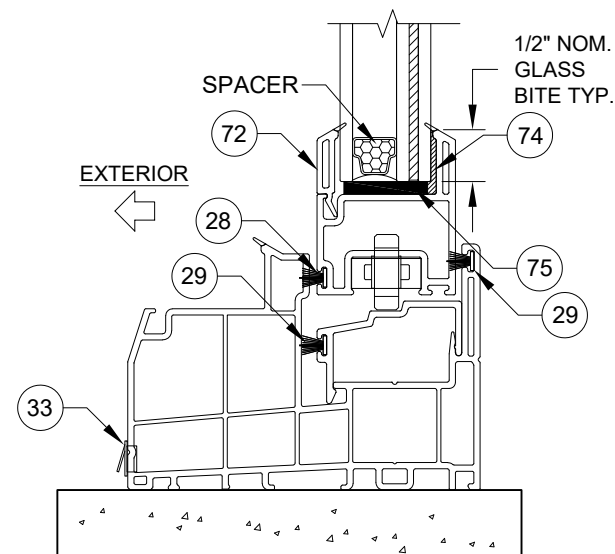
GLASS TYPE 14
7/8" NOM. GLASS STACK



GLASS TYPE 15
7/8" NOM. GLASS STACK



GLASS TYPE 16
7/8" NOM. GLASS STACK

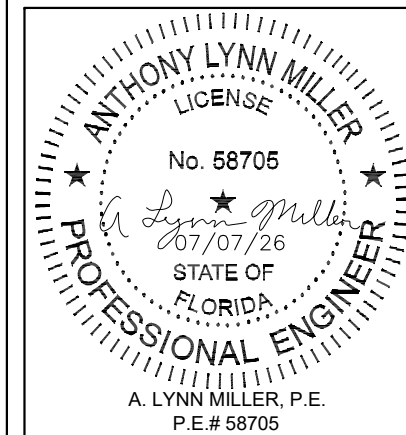


TYP. GLAZING DETAIL

GLASS TYPES 10 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

GLASS TYPES 5, 7, 11 & 15 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

PREPARED BY A LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		07/07/26 Date
PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		VINYL HORIZONTAL ROLLER WINDOW Title
HR5510		6 OF 18		JENS ROSOWSKI Drawn By
HR5510		6 OF 18		HR5510-LM-HVHZ



Glass Types 5 - 8	Design Pressure (lbs/ft²) for XO or OX Windows
Reinf. Level R1	All Buck Heights up to 54"
All Buck Widths up to 75"	+50 / -50

HEADER

SASH HEIGHT

21

21

SILL

EXTERIOR

Glass Types 5 - 8	Design Pressure (lbs/ft²) for XO or OX Windows
Reinf. Level R2	All Buck Heights up to 54"
All Buck Widths up to 75"	+65 / -70

Diagram illustrating the cross-section of a window assembly. The diagram shows the header, sash height, and sill. The exterior is indicated by an arrow pointing left. The sash height is marked with a vertical dimension line. The sill is marked with a horizontal dimension line. The diagram also shows the interior and exterior panes of the window.

Glass Types 5 - 8	Design Pressure (lbs/ft²) for XO or OX Windows
Reinf. Level R3	All Buck Heights up to 63"
All Buck Widths up to 75"	+50 / -50

SECTION DETAIL FOR
WINDOWS WITH LEVEL R3
REINFORCEMENT

Glass Types 5 - 8		Sash Configuration	Sash Width Range (in)	Design Pressure (lbs/ft ²) for XOX Windows					
				Window Buck Height					
				48"		54"		63"	
Window Buck Width	35-1/4"	1/3-1/2-1/3	11.391 - 11.391	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	38"	1/3-1/2-1/3	12.308 - 12.308	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	45-1/8"	1/4-1/2-1/4	11.391 - 13.397	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/3-1/2-1/3	13.398 - 14.683	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	47-3/4"	1/4-1/2-1/4	11.391 - 12.297	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/3-1/2-1/3	12.298 - 15.558	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	52-1/8"	Custom	11.391 - 12.016	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/4-1/2-1/4	12.017 - 13.397	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/3-1/2-1/3	13.398 - 17.016	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	60"	Custom	11.391 - 13.397	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/4-1/2-1/4	13.398 - 15.360	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/3-1/2-1/3	15.361 - 19.641	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	75"	Custom	11.391 - 13.397	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/4-1/2-1/4	13.398 - 19.110	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		1/3-1/2-1/3	19.111 - 24.641	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	96"	Custom	18.360 - 19.397	+50.0	-50.0	+50.0	-50.0	+49.1*	-49.1*
		1/4-1/2-1/4	19.398 - 24.360	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
		Custom	24.361 - 30.360	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
120"	1/4-1/2-1/4	** - 30.360	+50.0	-50.0	+50.0	-50.0	+49.1*	-49.1*	

* +50/-50 FOR GLASS TYPES 7-8
SEE TABLE 23 FOR ANCHORAGE

		WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
REGISTRATION #29296		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.			
VINYL HORIZONTAL ROLLER WINDOW		07/07/26 Date		JENS ROSOWSKI Drawn By	
DP TABLES		HR5510 Sheet		7 OF 18 DWG No.	
Title		Desc.		Series	

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

TABLE 10:

Glass Types 6 - 8	Design Pressure (lbs/ft ²) for XO or OX Windows
Reinf. Level R4	All Buck Heights up to 72"
All Buck Widths up to 75"	+50 / -50

SEE TABLE 20 FOR ANCHORAGE

TABLE 11:

Glass Types 5 - 8	Design Pressure (lbs/ft ²) for XO or OX Windows					
Reinf. Level R4	Window Buck Height					
	48"	54"	63"			
Window Buck Width	25-1/2"	+65.0	-70.0	+65.0	-70.0	+65.0
	28"	+65.0	-70.0	+65.0	-70.0	+65.0
	36"	+65.0	-70.0	+65.0	-70.0	+65.0
	42"	+65.0	-70.0	+65.0	-70.0	+65.0
	48"	+65.0	-70.0	+65.0	-70.0	+65.0
	60"	+65.0	-70.0	+65.0	-70.0	+65.0
	75"	+65.0	-70.0	+65.0	-70.0	+64.3*

* +65/-70 FOR GLASS TYPES 7-8
SEE TABLE 21 FOR ANCHORAGE

TABLE 12:

Glass Types 10-12 & 14-16	Design Pressure (lbs/ft ²) for XO or OX Windows					
Reinf. Level R4	Window Buck Height					
	54"	63"	76"			
Window Buck Width	25-1/2"	+65.0	-110.0	+65.0	-110.0	+65.0
	28"	+65.0	-110.0	+65.0	-110.0	+65.0
	36"	+65.0	-110.0	+65.0	-110.0	+65.0
	42"	+65.0	-110.0	+65.0	-110.0	+65.0
	48"	+65.0	-110.0	+65.0	-110.0	+65.0
	60"	+65.0	-110.0	+65.0	-110.0	+93.9
	75"	+65.0	-110.0	+65.0	-103.5	+80.0

SEE TABLE 22 FOR ANCHORAGE

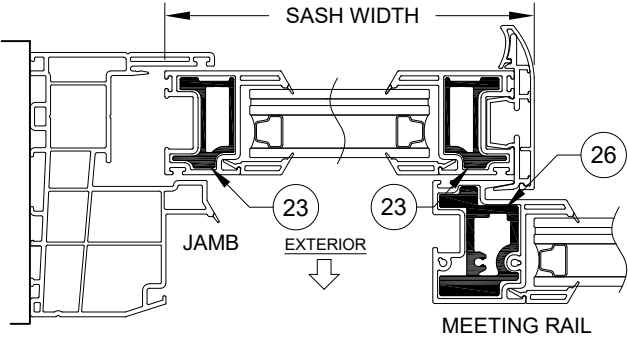
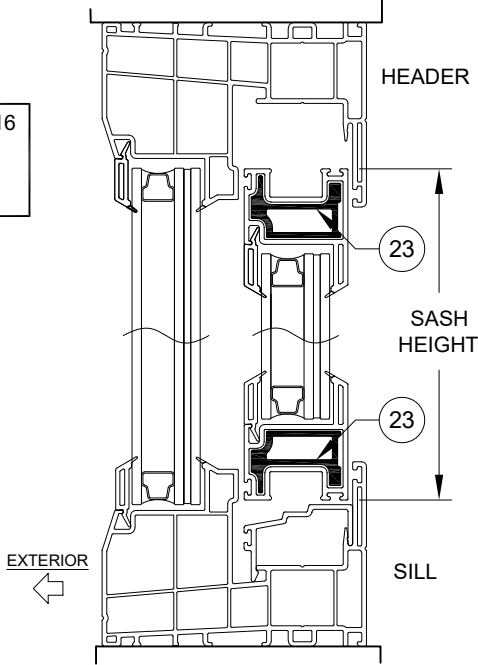
TABLE 13:

Glass Types 5 & 6		Sash Configuration	Sash Width Range (in)	Design Pressure (lbs/ft ²) for XOX Windows							
Reinf. Level R4	Window Buck Height										
	36"			48"		54"		63"			
Window Buck Width	60"	Custom	11.391 - 13.397	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-65.3
		¼-½-¾	13.398 - 15.360	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
		⅓-⅔-⅞	15.361 - 19.641	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
	75"	Custom	11.391 - 13.397	+65.0	-70.0	+65.0	-69.6	+63.3	-63.3	+53.2	-53.2
		¼-½-¾	13.398 - 19.110	+65.0	-70.0	+65.0	-70.0	+65.0	-66.5	+56.2	-56.2
		⅓-⅔-⅞	19.111 - 24.641	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-66.0
	96"	Custom	18.360 - 19.397	+65.0	-70.0	+59.9	-59.9	+55.5	-55.5	+49.1	-49.1
		¼-½-¾	19.398 - 24.360	+65.0	-70.0	+62.1	-62.1	+58.0	-58.0	+50.3	-50.3
		Custom	24.361 - 30.360	+65.0	-70.0	+65.0	-70.0	+65.0	-67.3	+57.0	-57.0
	120"	¼-½-¾	** - 30.360	+65.0	-70.0	+59.9	-59.9	+55.5	-55.5	+49.1*	-49.1*

** MIN. SASH SIZE = WINDOW WIDTH - 59.28
2

* +54.6/-54.6 FOR GLASS TYPE 6
SEE TABLE 24 FOR ANCHORAGE

GLASS TYPES 10-12 & 14-16
MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES



SECTION DETAIL FOR
WINDOWS WITH LEVEL R4
REINFORCEMENT

- NOTES:
- 1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME OR INTEGRAL FIN.
 - 2) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURE.
 - 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
 - 4) "1/4-1/2-1/4" AND "1/3-1/3-1/3" INDICATE THAT THOSE STANDARD SASH CONFIGURATIONS FALL WITHIN THE SASH WIDTH RANGE IN THE ADJACENT COLUMN. "CUSTOM" INDICATES THAT NO STANDARD SASH CONFIGURATIONS FALL WITHIN THE RANGE.
 - 5) REINFORCEMENTS SHOWN IN FIGURES APPLY TO ALL FRAME TYPES & CONFIGURATIONS.

TABLE 14:

Glass Types 7 & 8		Sash Configuration	Sash Width Range (in)	Design Pressure (lbs/ft ²) for XOX Windows							
Reinf. Level R4	Window Buck Height										
	36"			48"		54"		63"			
Window Buck Width	60"	Custom	11.391 - 13.397	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
		¼-½-¾	13.398 - 15.360	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
		⅓-⅔-⅞	15.361 - 19.641	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
	75"	Custom	11.391 - 13.397	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
		¼-½-¾	13.398 - 19.110	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
		⅓-⅔-⅞	19.111 - 24.641	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
	96"	Custom	18.360 - 19.397	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0*	-67.2*
		¼-½-¾	19.398 - 24.360	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0*	-68.8*
		Custom	24.361 - 30.360	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0
	120"	¼-½-¾	** - 30.360	+65.0	-70.0	+65.0	-70.0	+65.0	-70.0	+65.0*	-67.2*

** MIN. SASH SIZE = WINDOW WIDTH - 59.28
2

* +65/-70 FOR GLASS TYPE 8
SEE TABLE 25 FOR ANCHORAGE

TABLE 15:

Glass Types 10 - 12		Sash Configuration	Sash Width Range (in)	Design Pressure (lbs/ft ²) for XOX Windows					
				Window Buck Height					
				48"		54"		63"	
Window Buck Width	60"	Custom	11.391 - 13.397	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		¼-½-¾	13.398 - 15.360	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		⅓-⅓-⅓	15.361 - 19.641	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
	75"	Custom	11.391 - 13.397	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		¼-½-¾	13.398 - 19.110	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		⅓-⅓-⅓	19.111 - 24.641	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
	96"	Custom	17.641 - 19.397	+65.0	-110.0	+65.0	-110.0	+65.0*	-104.6*
		¼-½-¾	19.398 - 24.360	+65.0	-110.0	+65.0	-110.0	+65.0*	-109.5*
		Custom	24.361 - 31.641	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
	120"	¼-½-¾	29.641 - 32.515	+65.0	-110.0	+65.0	-110.0	+65.0*	-104.6*
		⅓-⅓-⅓	32.516 - 39.641	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
	140"	Custom	** - 39.641	+65.0	-110.0	+65.0	-110.0	+65.0*	-104.6*

** MIN. SASH SIZE = WINDOW WIDTH - 60.72
2

* +65/-110 FOR GLASS TYPES 11 & 12
SEE TABLE 26 FOR ANCHORAGE

TABLE 16:

Glass Types 14 - 16		Sash Configuration	Sash Width Range (in)	Design Pressure (lbs/ft ²) for XOX Windows					
				Window Buck Height					
Reinf. Level R4				48"		54"		63"	
Window Buck Width	60"	Custom	11.391 - 13.397	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		¼-½-¾	13.398 - 15.360	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
		⅓-⅔-⅞	15.361 - 19.641	+65.0	-110.0	+65.0	-110.0	+65.0	-110.0
	75"	Custom	11.391 - 13.397	+65.0	-110.0	+65.0	-110.0	+65.0	-109.3
		¼-½-¾	13.398 - 19.110	+65.0	-110.0	+65.0	-110.0	+65.0	-102.0
		⅓-⅔-⅞	19.111 - 24.641	+65.0	-110.0	+65.0	-110.0	+65.0	-102.9
	96"	Custom	17.641 - 19.397	+65.0	-110.0	+65.0	-110.0	+65.0	-97.4
		¼-½-¾	19.398 - 24.360	+65.0	-110.0	+65.0	-110.0	+65.0	-92.0
		Custom	24.361 - 31.641	+65.0	-110.0	+65.0	-110.0	+65.0	-88.4
	120"	¼-½-¾	29.641 - 32.515	+65.0	-110.0	+65.0	-109.8	+65.0	-84.3
		⅓-⅔-⅞	32.516 - 39.641	+65.0	-110.0	+65.0	-105.0	+65.0	-80.8
	140"	Custom	** - 39.641	+65.0	-110.0	+65.0	-105.0	+65.0	-80.0

SEE TABLE 27 FOR ANCHORAGE

PREPARED BY A LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

PGT[®] WINDOWS and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

DATE 07/07/26
BY JENS ROSOWSKI
TITLE DP TABLES

VINYL HORIZONTAL ROLLER WINDOW

DWG No. 8 OF 18
Sheet

HR5510

HR5510-LM-HVHZ

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 17:

Glass Types 5 - 8		Sash Width (in)	Anchor Quantities for XO or OX Windows																	
			30" Height		36" Height		48" Height		54" Height		30" Height		36" Height		48" Height		54" Height			
Reinf. Level R1			Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb		
Anchor Group A										Anchor Group C										
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		
			Anchor Group B										Anchor Group D							
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		

SEE TABLE 6 FOR DESIGN PRESSURE

TABLE 18:

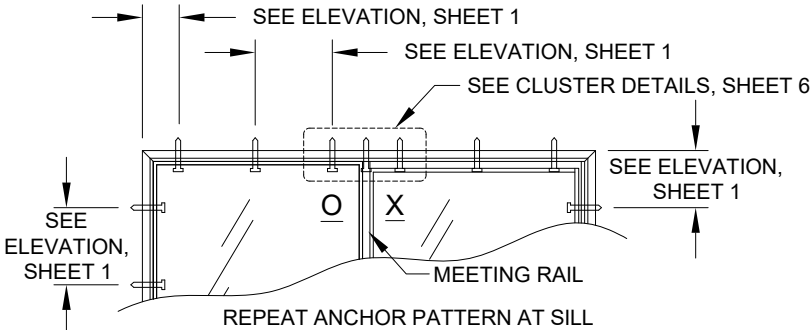
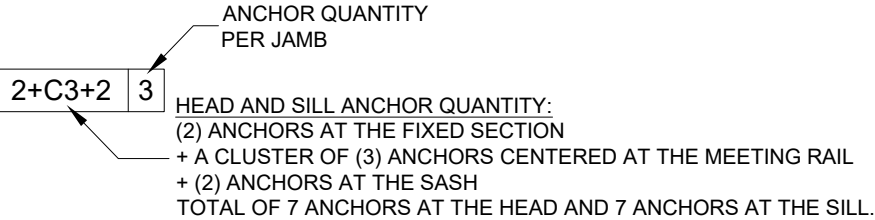
Glass Types 5 - 8		Sash Width (in)	Anchor Quantities for XO or OX Windows																	
			30" Height		36" Height		48" Height		54" Height		30" Height		36" Height		48" Height		54" Height			
Reinf. Level R2			Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb		
Anchor Group A										Anchor Group C										
Window Buck Width	25-1/2"	12.147	Not Allowed										1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3
	28"	13.397											1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3
	36"	17.397											1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3
	42"	20.397											1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3
	48"	23.397											1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3
	60"	29.397											2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3
	75"	36.897											2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3
			Anchor Group B										Anchor Group D							
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3	1+C2+1	2	1+C2+1	3	1+C2+1	3	1+C2+1	3		
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3	2+C2+2	2	2+C2+2	3	2+C2+2	3	2+C2+2	3		

SEE TABLE 7 FOR DESIGN PRESSURE

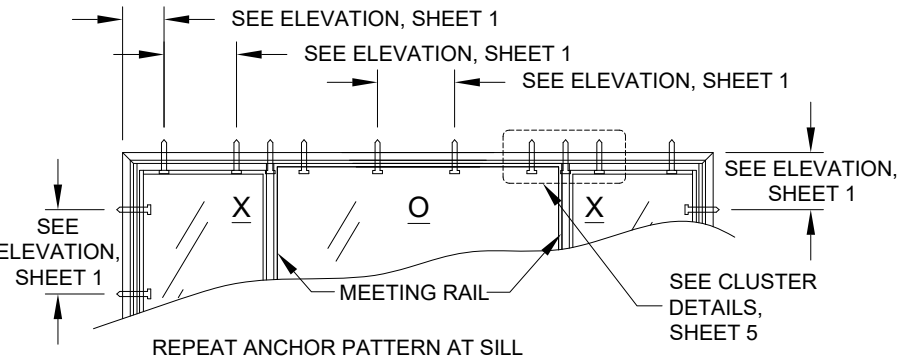
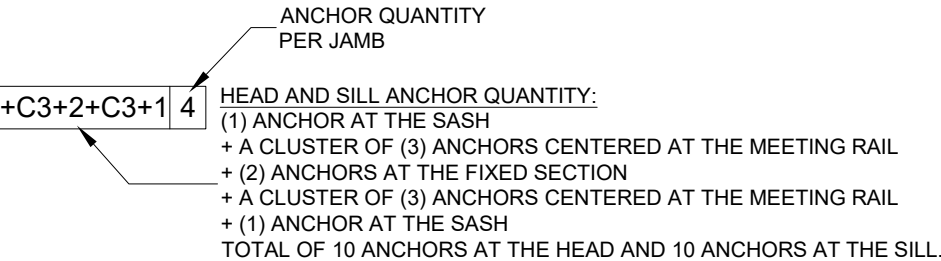
Max. Anchor O.C. Spacing for "Integral- Fin" Installation	Anchor Group E	Anchor Group F
	3.8"	4"

GUIDE TO USING ANCHOR QUANTITY TABLES

FOR OX WINDOWS (XO SIMILAR):



FOR XOX WINDOWS:



Max. Anchor O.C. Spacing for "Integral- Fin" Installation	Anchor Group F
	4"

NOTES:
1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8.

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

3) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATIONS.

PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.			
REGISTRATION #29296				VINYL HORIZONTAL ROLLER WINDOW		Date	07/07/26
ANCHOR QUANTITY TABLES		Drawn By		JENS ROSOWSKI			
Sheet		9 OF 18		DWC No.		HR5510-LM-HVHZ	
Series Desc.		Title		HR5510			

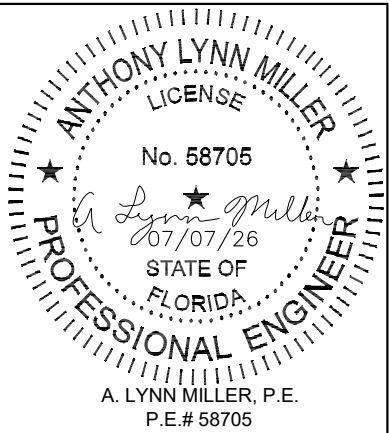


TABLE 19:

Glass Types 5 - 8		Sash Width (in)	Anchor Quantities for XO or OX Windows																			
			30" Height		36" Height		48" Height		54" Height		63" Height		30" Height		36" Height		48" Height		54" Height		63" Height	
Reinf. Level R3			Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb
			Anchor Group A										Anchor Group C									
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C3+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4
			Anchor Group B										Anchor Group D									
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C2+2	4

SEE TABLE 8 FOR DESIGN PRESSURE

Max. Anchor O.C. Spacing for "Integral- Fin" Installation	Anchor Group E & F
	4"

- NOTES:
- 1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) SEE SHEET 9 FOR A GUIDE TO USING THESE TABLES.
- 4) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATIONS.

TABLE 20:

Glass Types 6 - 8			Sash Width (in)	Anchor Quantities for XO or OX Windows																							
				30" Height		36" Height		48" Height		54" Height		63" Height		72" Height		30" Height		36" Height		48" Height		54" Height		63" Height		72" Height	
Head & Sill	Jamb	Head & Sill		Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	
Anchor Group A												Anchor Group C															
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5	
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5	
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C3+1	5	
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C3+2	4	2+C3+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C3+2	4	2+C3+2	5	2+C4+2	5	
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5	
			Anchor Group B												Anchor Group D												
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C2+1	5	
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5	
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5	
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C3+1	5	
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C3+2	4	2+C3+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C3+2	4	2+C3+2	5	2+C4+2	5	
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5	

SEE TABLE 10 FOR DESIGN PRESSURE

Max. Anchor O.C. Spacing for "Integral- Fin" Installation
Anchor Group E & F
4"

PGT[®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		
REGISTRATION #29296				
Title	VINYL HORIZONTAL ROLLER WINDOW		Date	07/07/26
Desc.	ANCHOR QUANTITY TABLES		By	JENS ROSOWSKI
Series	HR5510	Sheet	10 OF 18	
		DWG No.	HR5510-LM-HVHZ	

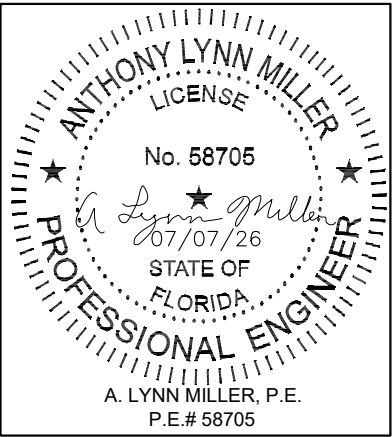


TABLE 21:

Glass Types 5 - 8		Sash Width (in)	Anchor Quantities for XO or OX Windows																			
			30" Height		36" Height		48" Height		54" Height		63" Height		30" Height		36" Height		48" Height		54" Height		63" Height	
Head & Sill	Jamb		Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb		
Anchor Group A										Anchor Group C												
Window Buck Width	25-1/2"	12.147	Not Allowed										1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4
	28"	13.397											1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	36"	17.397											1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	42"	20.397											1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	48"	23.397											1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	60"	29.397											2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4		
	75"	36.897											2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C3+2	4		
		Anchor Group B										Anchor Group D										
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	4	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4		
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C3+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4		
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4	2+C3+2	4	2+C2+2	2	2+C2+2	3	2+C2+2	4	2+C2+2	4		

Max. Anchor O.C. Spacing for "Integral-Fin" Installation	Anchor Group F
	4"

- NOTES:
- 1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) SEE SHEET 9 FOR A GUIDE TO USING THESE TABLES.
- 4) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATIONS.

SEE TABLE 11 FOR DESIGN PRESSURE

TABLE 22:

Glass Types 10-12 & 14-16		Sash Width (in)	Anchor Quantities for XO or OX Windows																							
			30" Height		36" Height		48" Height		54" Height		63" Height		76" Height		30" Height		36" Height		48" Height		54" Height		63" Height		76" Height	
Head & Sill	Jamb		Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb		
Anchor Group A												Anchor Group C														
Window Buck Width	25-1/2"	12.147	Not Allowed												1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5
	28"	13.397													1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5
	36"	17.397													1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5
	42"	20.397													1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5
	48"	23.397													1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5
	60"	29.397													2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5
	75"	36.897													2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C4+2	4	2+C4+2	5	2+C4+2	5
			Anchor Group B												Anchor Group D											
Window Buck Width	25-1/2"	12.147	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C2+1	5	1+C3+1	5
	28"	13.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C2+1	4	1+C3+1	5	1+C3+1	5
	36"	17.397	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5	1+C2+1	2	1+C2+1	3	1+C2+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5
	42"	20.397	1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5	1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C3+1	5	1+C4+1	5
	48"	23.397	1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C4+1	5	1+C4+1	5	1+C2+1	2	1+C2+1	3	1+C3+1	4	1+C3+1	4	1+C4+1	5	1+C4+1	5
	60"	29.397	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C3+2	4	2+C4+2	5	2+C4+2	5
	75"	36.897	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C4+2	4	2+C4+2	5	2+C4+2	5	2+C2+2	2	2+C2+2	3	2+C3+2	4	2+C4+2	4	2+C4+2	5	2+C4+2	5

SEE TABLE 12 FOR DESIGN PRESSURE



GLASS TYPES
10-12 & 14-16 MAY
NOT BE USED
WITH J-CHANNEL
OR INTEGRAL FIN
FRAMES

PREPARED BY A. LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

PGT® **WINDOWS and DOORS**
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

VINYL HORIZONTAL ROLLER WINDOW

ANCHOR QUANTITY TABLES

07/07/26

JENS ROSOWSKI

HR5510-LM-HVHZ

11 OF 18

HR5510

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Glass Types 5 - 8		Sash Configuration	Sash Width Range (in)	Anchor Quantities for XOX Windows																									
				24" Height		30" Height		36" Height		48" Height		54" Height		63" Height		24" Height		30" Height		36" Height		48" Height		54" Height		63" Height			
				Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb
Reinf. Level R3				Anchor Group A												Anchor Group C													
Window Buck Width	35-1/4"	⅓-⅓-⅓	11.391 - 11.391	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	38"	⅓-⅓-⅓	12.308 - 12.308	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	45-1/8"	¼-½-¼	11.391 - 13.397	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
		⅓-⅓-⅓	13.398 - 14.683	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	47-3/4"	¼-½-¼	11.391 - 12.297	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	12.298 - 15.558	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	52-1/8"	Custom	11.391 - 12.016	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		¼-½-¼	12.017 - 13.397	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	13.398 - 17.016	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	60"	Custom	11.391 - 13.397	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		¼-½-¼	13.398 - 15.360	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	15.361 - 19.641	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1</	

Max. Anchor O.C. Spacing for "Integral- Fin" Installation	Anchor Group E & F
	4"

- 1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) SEE SHEET 9 FOR A GUIDE TO USING THESE TABLES.
- 4) "1/4-1/2-1/4" AND "1/3-1/3-1/3" INDICATE THAT THOSE STANDARD SASH CONFIGURATIONS FALL WITHIN THE SASH WIDTH RANGE IN THE ADJACENT COLUMN. "CUSTOM" INDICATES THAT NO STANDARD SASH CONFIGURATIONS FALL WITHIN THE RANGE.
- 5) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATIONS.

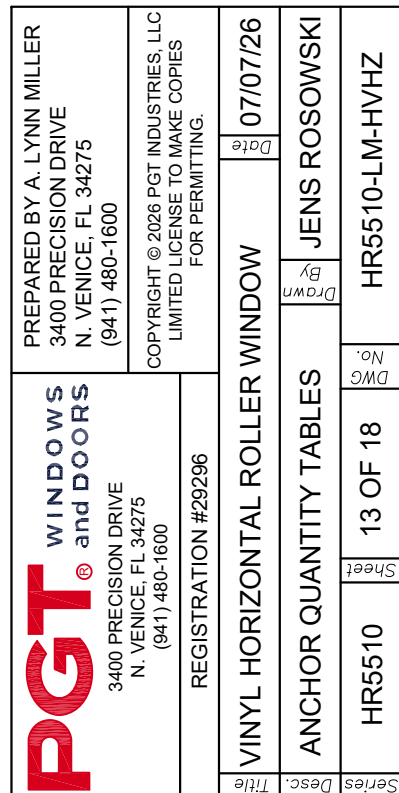
SEE TABLE 9 FOR DESIGN PRESSURE

		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
REGISTRATION #29296		VINYL HORIZONTAL ROLLER WINDOW	
ANCHOR QUANTITY TABLES		Drawn By	Date 07/07/26
HR5510	12 OF 18	JENS ROSOWSKI	
Series Desc.	Sheet No.	HR5510-LM-HVHZ	

Glass Types 5 & 6		Sash Configuration	Sash Width Range (in)	Anchor Quantities for XOX Windows																															
				24" Height		30" Height		36" Height		48" Height		54" Height		63" Height		24" Height		30" Height		36" Height		48" Height		54" Height		63" Height									
				Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb								
Reinf. Level R4				Anchor Group A												Anchor Group C																			
Window Buck Width	35-1/4"	⅓-⅓-⅓	11.391 - 11.391	Not Allowed												1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4						
	38"	⅓-⅓-⅓	12.308 - 12.308													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	45-1/8"	¼-½-¼	11.391 - 13.397													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
		⅓-⅓-⅓	13.398 - 14.683													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	47-3/4"	¼-½-¼	11.391 - 12.297													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	12.298 - 15.558													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	52-1/8"	Custom	11.391 - 12.016													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		¼-½-¼	12.017 - 13.397													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	13.398 - 17.016													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	60"	Custom	11.391 - 13.397													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		¼-½-¼	13.398 - 15.360													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
		⅓-⅓-⅓	15.361 - 19.641													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	75"	Custom	11.391 - 13.397													1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4
		¼-½-¼	13.398 - 19.110													1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4
		⅓-⅓-⅓	19.111 - 24.641													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4
	96"	Custom	18.360 - 19.397													1+C2+3+C2+1	2	1+C																	

$$** \text{ MIN. SASH SIZE} = \frac{\text{WINDOW WIDTH} - 59.28}{2}$$

- SEE TABLE 13 FOR DESIGN PRESSURE



Rev.	Date	Rev. #
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TABLE 25:

Glass Types 7 & 8		Sash Configuration	Sash Width Range (in)	Anchor Quantities for XOX Windows																																	
				24" Height		30" Height		36" Height		48" Height		54" Height		63" Height		24" Height		30" Height		36" Height		48" Height		54" Height		63" Height											
				Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb	Head & Sill	Jamb										
				Anchor Group A												Anchor Group C																					
Window Buck Width	35-1/4"	⅓-⅓-⅓	11.391 - 11.391	Not Allowed												1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4								
	38"	⅓-⅓-⅓	12.308 - 12.308													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4		
	45-1/8"	¼-½-¼	11.391 - 13.397													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4		
		⅓-⅓-⅓	13.398 - 14.683													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4		
	47-3/4"	¼-½-¼	11.391 - 12.297													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4		
		⅓-⅓-⅓	12.298 - 15.558													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4		
	52-1/8"	Custom	11.391 - 12.016													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4		
		¼-½-¼	12.017 - 13.397													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4		
		⅓-⅓-⅓	13.398 - 17.016													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4		
	60"	Custom	11.391 - 13.397													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4		
		¼-½-¼	13.398 - 15.360													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4		
		⅓-⅓-⅓	15.361 - 19.641													1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C3+0+C3+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4
	75"	Custom	11.391 - 13.397													1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4
		¼-½-¼	13.398 - 19.110													1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C3+2+C3+1	4	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4
		⅓-⅓-⅓	19.111 - 24.641													1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C3+1+C3+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4
	96"	Custom	18.360 - 19.397													1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4
¼-½-¼		19.398 - 24.360	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4													
Custom		24.361 - 30.360	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C3+2+C3+1	4	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4													
120"	¼-½-¼	** - 30.360	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4													
				Anchor Group B												Anchor Group D																					
Window Buck Width	35-1/4"	⅓-⅓-⅓	11.391 - 11.391	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	38"	⅓-⅓-⅓	12.308 - 12.308	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	45-1/8"	¼-½-¼	11.391 - 13.397	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
		⅓-⅓-⅓	13.398 - 14.683	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	47-3/4"	¼-½-¼	11.391 - 12.297	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
		⅓-⅓-⅓	12.298 - 15.558	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	52-1/8"	Custom	11.391 - 12.016	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
		¼-½-¼	12.017 - 13.397	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
		⅓-⅓-⅓	13.398 - 17.016	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	60"	Custom	11.391 - 13.397	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
		¼-½-¼	13.398 - 15.360	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
		⅓-⅓-⅓	15.361 - 19.641	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C3+0+C3+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4										
	75"	Custom	11.391 - 13.397	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4										
		¼-½-¼	13.398 - 19.110	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C3+2+C3+1	4	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4										
		⅓-⅓-⅓	19.111 - 24.641	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C3+1+C3+1	4	1+C2+1+C2+1	2	1+C2+1+C2+1	2	1+C2+1+C2+1	3	1+C2+1+C2+1	4	1+C2+1+C2+1	4	1+C2+1+C2+1	4										
	96"	Custom	18.360 - 19.397	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4										
¼-½-¼		19.398 - 24.360	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4											
Custom		24.361 - 30.360	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C3+2+C3+1	4	1+C2+2+C2+1	2	1+C2+2+C2+1	2	1+C2+2+C2+1	3	1+C2+2+C2+1	4	1+C2+2+C2+1	4	1+C2+2+C2+1	4											
120"	¼-½-¼	** - 30.360	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C3+3+C3+1	4	1+C2+3+C2+1	2	1+C2+3+C2+1	2	1+C2+3+C2+1	3	1+C2+3+C2+1	4	1+C2+3+C2+1	4	1+C2+3+C2+1	4											

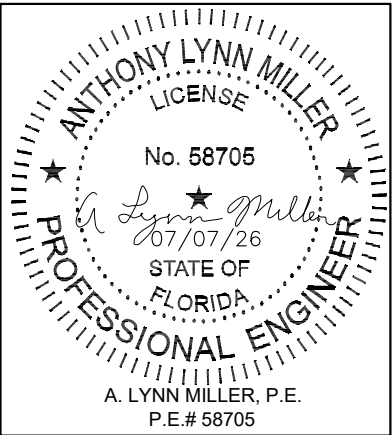
SEE TABLE 14 FOR DESIGN PRESSURE

Max. Anchor O.C. Spacing for "Integral- Fin" Installation	Anchor Group F
	4"

$$^{**} \text{ MIN. SASH SIZE} = \frac{\text{WINDOW WIDTH} - 59.28}{2}$$

- 1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) SEE SHEET 9 FOR A GUIDE TO USING THESE TABLES.
- 4) "1/4-1/2-1/4" AND "1/3-1/3-1/3" INDICATE THAT THOSE STANDARD SASH CONFIGURATIONS FALL WITHIN THE SASH WIDTH RANGE IN THE ADJACENT COLUMN. "CUSTOM" INDICATES THAT NO STANDARD SASH CONFIGURATIONS FALL WITHIN THE RANGE.
- 5) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATIONS.

		WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
REGISTRATION #29296				COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
Title	VINYL HORIZONTAL ROLLER WINDOW			Date	07/07/26
Desc.	ANCHOR QUANTITY TABLES		Drawn By	JENS ROSOWSKI	
Series	HR5510	Sheet	14 OF 18	DWG No.	HR5510-LM-HVHZ



Rev.	Date	Rev.#
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Glass Types 10 - 12		Sash Configuration	Sash Width Range (in)
Reinf. Level R4			
Window Buck Width	35-1/4"	1/3-1/3-1/3	11.391 - 11.391
	38"	1/3-1/3-1/3	12.308 - 12.308
	45-1/8"	1/4-1/2-1/4	11.391 - 13.397
		1/3-1/3-1/3	13.398 - 14.683
	47-3/4"	1/4-1/2-1/4	11.391 - 12.297
		1/3-1/3-1/3	12.298 - 15.558
	52-1/8"	Custom	11.391 - 12.016
		1/4-1/2-1/4	12.017 - 13.397
		1/3-1/3-1/3	13.398 - 17.016
	60"	Custom	11.391 - 13.397
		1/4-1/2-1/4	13.398 - 15.360
		1/3-1/3-1/3	15.361 - 19.641
	75"	Custom	11.391 - 13.397
		1/4-1/2-1/4	13.398 - 19.110
		1/3-1/3-1/3	19.111 - 24.641
	96"	Custom	17.641 - 19.397
		1/4-1/2-1/4	19.398 - 24.360
		1/3-1/3-1/3	24.361 - 31.641
	120"	1/4-1/2-1/4	29.641 - 32.515
		1/3-1/3-1/3	32.516 - 39.641
140"	Custom	** - 39.641	
Window Buck Width	35-1/4"	1/3-1/3-1/3	11.391 - 11.391
	38"	1/3-1/3-1/3	12.308 - 12.308
	45-1/8"	1/4-1/2-1/4	11.391 - 13.397
		1/3-1/3-1/3	13.398 - 14.683
	47-3/4"	1/4-1/2-1/4	11.391 - 12.297
		1/3-1/3-1/3	12.298 - 15.558
	52-1/8"	Custom	11.391 - 12.016
		1/4-1/2-1/4	12.017 - 13.397
		1/3-1/3-1/3	13.398 - 17.016
	60"	Custom	11.391 - 13.397
		1/4-1/2-1/4	13.398 - 15.360
		1/3-1/3-1/3	15.361 - 19.641
	75"	Custom	11.391 - 13.397
		1/4-1/2-1/4	13.398 - 19.110
		1/3-1/3-1/3	19.111 - 24.641
	96"	Custom	17.641 - 19.397
		1/4-1/2-1/4	19.398 - 24.360
		1/3-1/3-1/3	24.361 - 31.641
	120"	1/4-1/2-1/4	29.641 - 32.515
		1/3-1/3-1/3	32.516 - 39.641
140"	Custom	** - 39.641	

 GLASS TYPES 10-12 & 14-16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES	** MIN. SASH SIZE = $\frac{\text{WINDOW WIDTH} - 60.72}{2}$	SEE TABLE 15 FOR DESIGN PRESSURE 1) FRAME DIMENSIONS ARE BUCK WIDTH AND BUCK HEIGHT (SEE SHEETS 3-5). SASH SIZE IS AS PER THE FIGURES ON SHEETS 7-8. 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE. 3) SEE SHEET 9 FOR A GUIDE TO USING THESE TABLES. 4) "1/4-1/2-1/4" AND "1/3-1/3-1/3" INDICATE THAT THOSE STANDARD SASH CONFIGURATIONS FALL WITHIN THE SASH WIDTH RANGE IN THE ADJACENT COLUMN. "CUSTOM" INDICATES THAT NO STANDARD SASH CONFIGURATIONS FALL WITHIN THE RANGE. 5) MINIMUM ANCHOR QUANTITIES SHOWN. ALL ANCHORAGE MUST ALSO COMPLY WITH THE MAX. O.C. SPACING SHOWN ON THE ELEVATION
--	---	--

$$** \text{ MIN. SASH SIZE} = \frac{\text{WINDOW WIDTH} - 60.72}{2}$$

SEE TABLE 15 FOR DESIGN PRESSURE

HR5510-LM-HVHZ

REV.

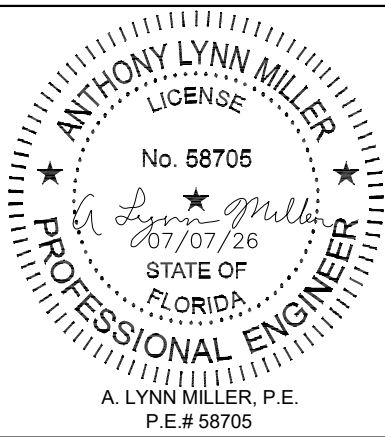
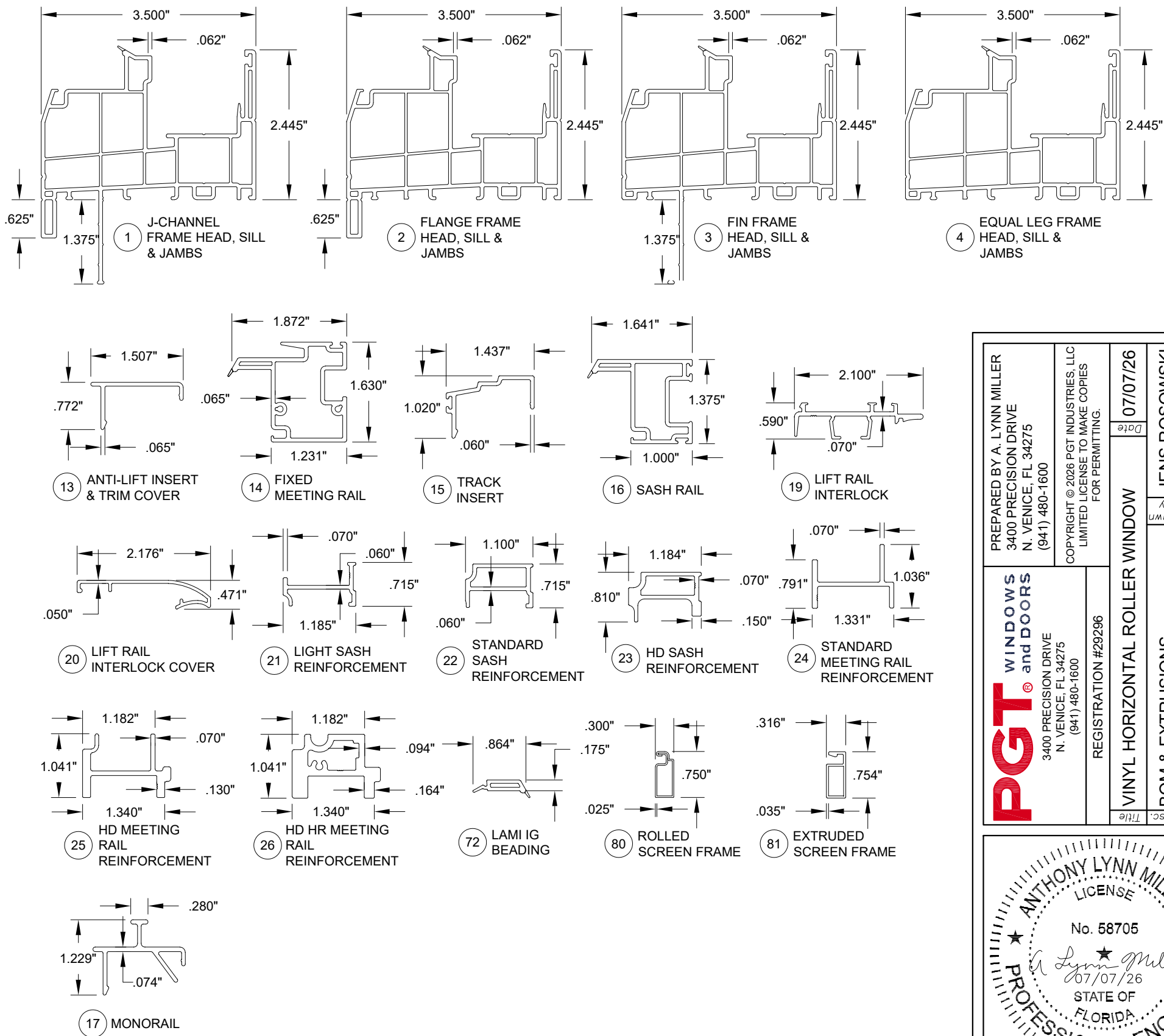


TABLE 27:

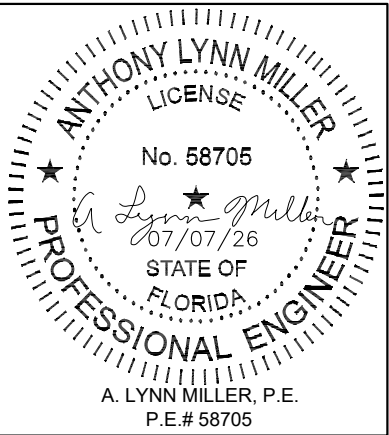
Glass Types 14 - 16				Sash Configuration				Sash Width Range (in)				Anchor Quantities for XOX Windows																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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												Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb	Head & Sill		Jamb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Window Buck Width	35-1/4"	⅓-⅓-⅓	11.391 - 11.391	Not Allowed																1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	2	1+C2+0+C2+1	3	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+1	4	1+C2+0+C2+

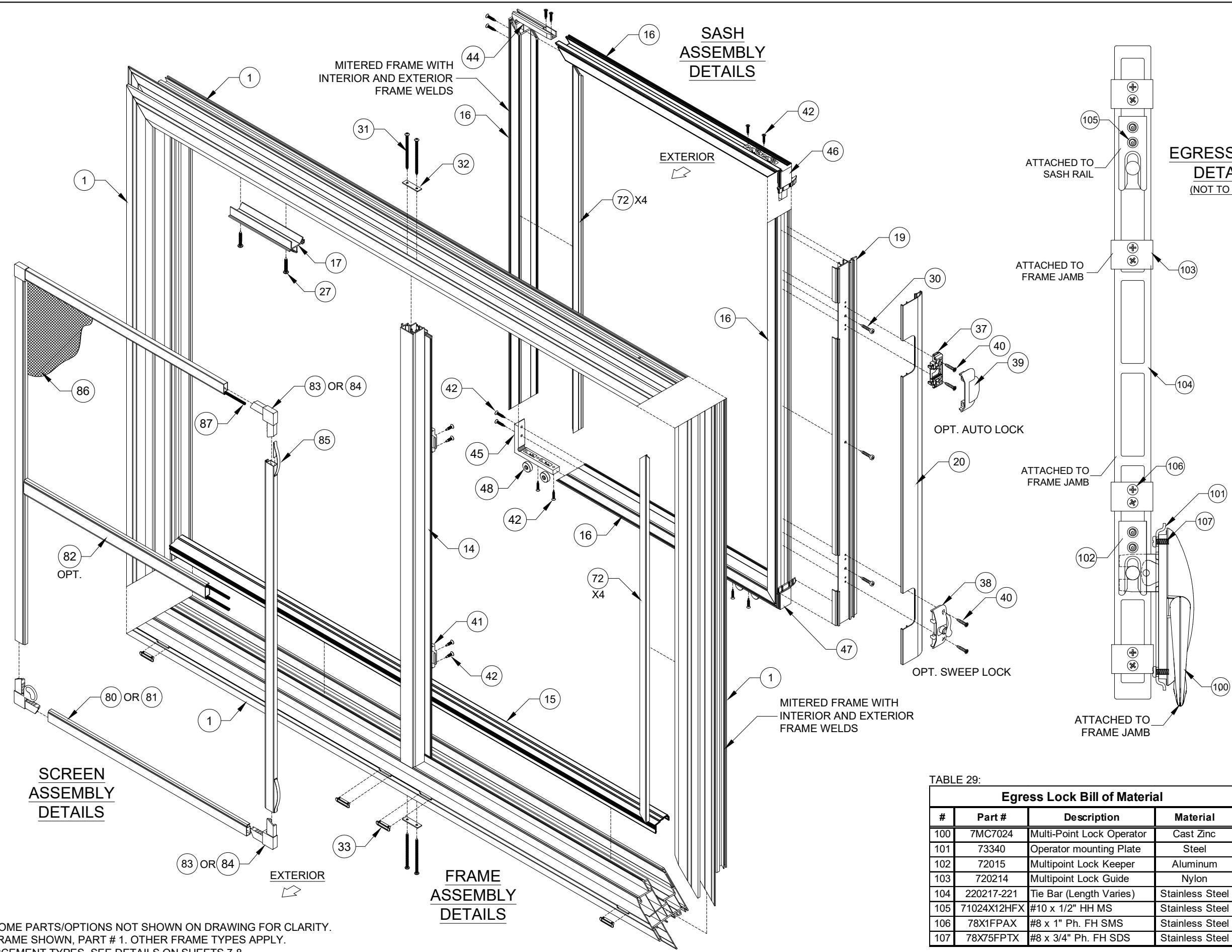
TABLE 28:

Bill of Material			
#	Part #	Description	Material
1	620121	Frame Head, Sill and Jambs - J-Channel	PVC
2	620122	Frame Head, Sill and Jambs - Flange	PVC
3	620123	Frame Head, Sill and Jambs - Fin	PVC
4	620124	Frame Head, Sill and Jambs - Equal Leg	PVC
13	620172	Anti-Lift Insert / Trim Cover	PVC
14	620131	Fixed Meeting Rail	PVC
15	620158	Track Insert	6063 T6 Al
16	620129	Sash Rail (Sides, Top & Bottom)	PVC
17	620166	Monorail	6063 T6 Al
19	620156	Pull Rail Interlock	6063 T6 Al
20	620144	Pull Rail Interlock Cover	PVC
21	620150	Light Sash Reinforcement	6063 T6 Al
22	620151	Standard Sash Reinforcement	6063 T6 Al
23	620152	HD Sash Reinforcement	6063 T6 Al
24	620153	Standard Meeting Rail Reinforcement	6005 T5 Al
25	620154	HD Meeting Rail Reinforcement	6005 T5 Al
26	620155	H.D. Horiz. Roller Meeting Rail Reinforcement	6005 T5 Al
27	710X114PPA	#10 x 1-1/4" PH. PH SDS (Monorail Screw)	410 SS
28	61644	Weatherstrip, .187" x .270" Fin Pile	
29	61719	Weatherstrip, .187" x .220" Poly Pile	
30		#8 x 1" Ph. PH SDS (Interlock Mounting Screw)	410 SS
31	78X312PPA	#8 x 3-1/2" Ph. PH SMS (Fixed Meeting Rail Screw)	410 SS
32	71669SP	Meeting Rail Screw Support Plate	6063 T5 Al
33	720210	Weep Hole Cover	PVC
34	720187	Installation Screw Hole Plug	PVC
37	720197	Auto Lock	C Steel
38	720199	Sweep Lock	Cast Zinc
39	720196	Auto Lock Cover Assembly	Cast Zinc
40		#6 x 1-1/8" Ph. FH SDS (Auto and Sweep Lock Screw)	SS
41	720200	Auto and Sweep Lock Keeper	Cast Zinc
42	76X34PPA	#6 x 3/4" PH. PH SDS (Keeper Screw)	SS
43	7612FPTX	#6 x 1/2" FPH Tek (Reinforcement Screw)	SS
44		Leadstile Top Corner Key	Nylon
45		Leadstile Bottom Corner Key	Nylon
46		Lockstile Top Corner Key	Nylon
47		Lockstile Bottom Corner Key	Nylon
48	720204	Wheel	Nylon
72	620396	Lami. I.G. Bead	PVC
74		Backbedding, GE 7700 or Dow 791 or Dow 983	Silicone
75	71684/5	Setting Block (7/8" x 2" x 1/8"), 85 +/- 5 duro.	EPDM
80	61011	Roll-formed Screen	Alum
81	61012	Extruded Screen Frame	Alum
82		Extruded Screen Spreader Bar	Alum
83	47042W	Screen Corner Key with Pull Ring	PVC
84	47041W/CKGLB	Screen Corner Key No Pull Ring	PVC
85	7CASPM	Tension Spring	SS
86	61816C48	Screen Cloth	Fiberglass
87	61635/61614	0.140" Screen Spline (Machine/Hand Rolled)	Vinyl



PGT[®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		VINYL HORIZONTAL ROLLER WINDOW		JENS ROSOWSKI		HR5510-LM-HVHZ	
	By		Date		07/07/26		Date	
	Title		Desc.		BOM & EXTRUSIONS		17 OF 18	
	Sheet		DWG		No.		Rev.	





NOTES:
1) GLASS AND SOME PARTS/OPTIONS NOT SHOWN ON DRAWING FOR CLARITY.
2) J-CHANNEL FRAME SHOWN, PART # 1. OTHER FRAME TYPES APPLY.
3) FOR REINFORCEMENT TYPES, SEE DETAILS ON SHEETS 7-8.

TABLE 29:

Egress Lock Bill of Material			
#	Part #	Description	Material
100	7MC7024	Multi-Point Lock Operator	Cast Zinc
101	73340	Operator mounting Plate	Steel
102	72015	Multipoint Lock Keeper	Aluminum
103	720214	Multipoint Lock Guide	Nylon
104	220217-221	Tie Bar (Length Varies)	Stainless Steel
105	71024X12HFX	#10 x 1/2" HH MS	Stainless Steel
106	78X1FPAX	#8 x 1" Ph. FH SMS	Stainless Steel
107	78X75FPTX	#8 x 3/4" Ph. FH SDS	Stainless Steel

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VINYL HORIZONTAL ROLLER WINDOW

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