

SERIES 1632 VINYL HORIZONTAL SLIDING WINDOW
NON-IMPACT RESISTANT

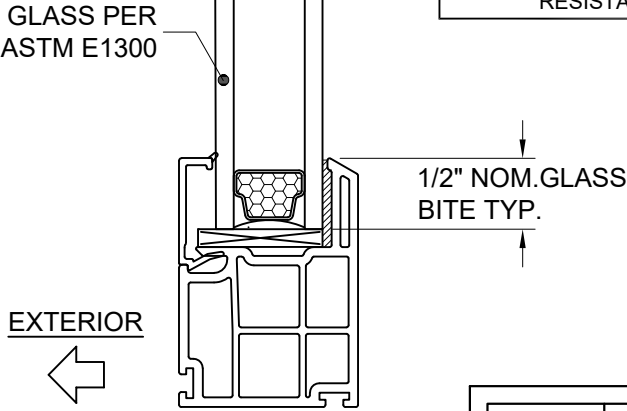
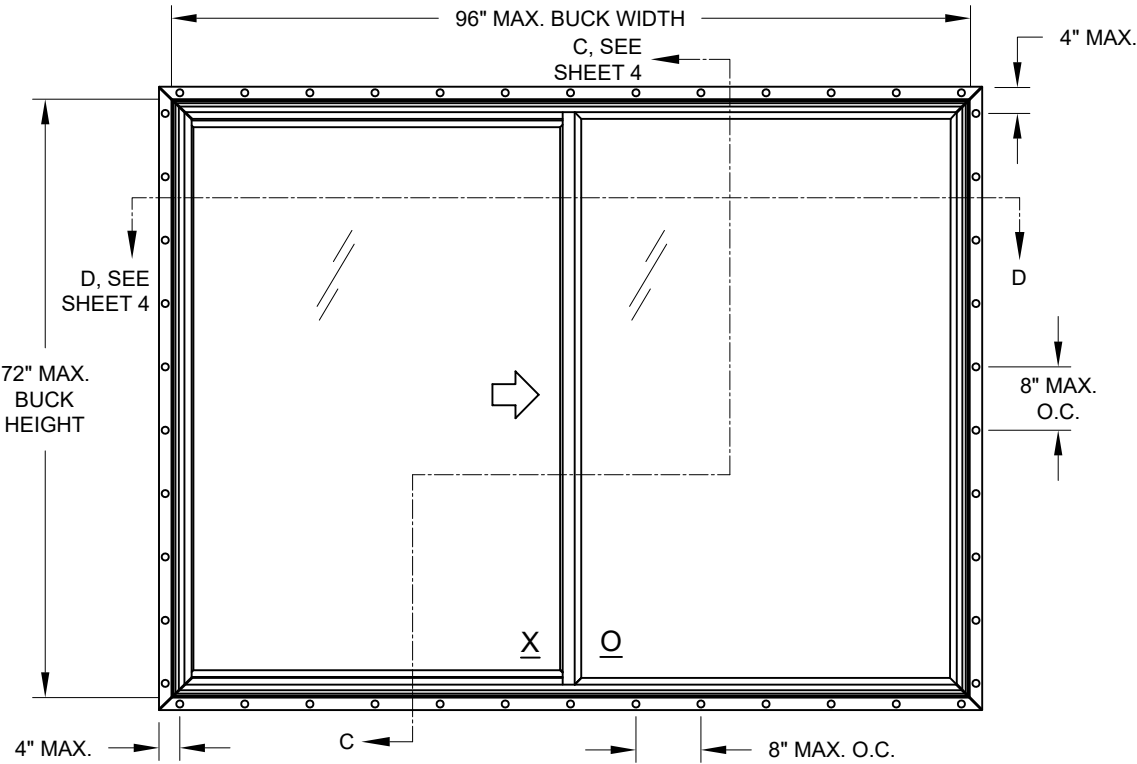
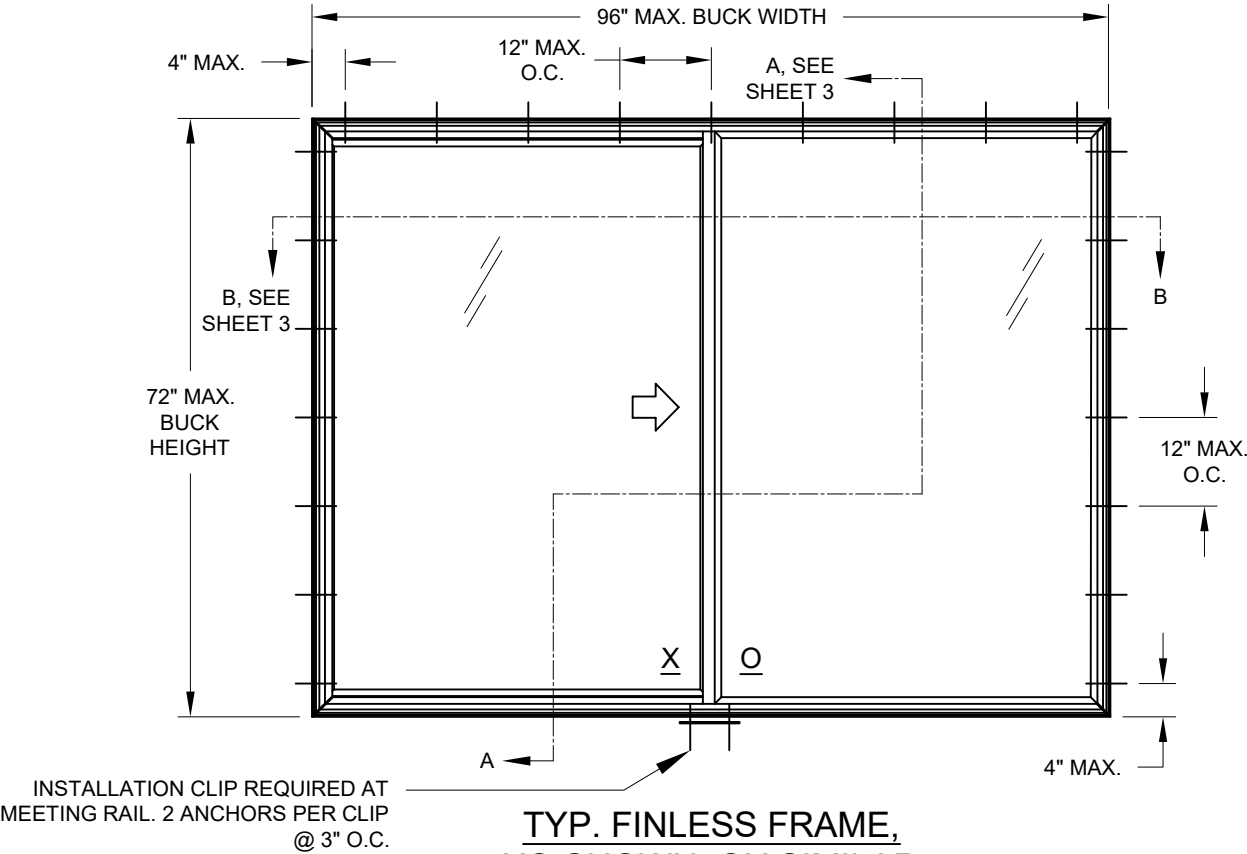
FLORIDA PRODUCT APPROVAL #47080

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 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. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW. FOR INTEGRAL FIN FRAMES INSTALL SHIMS AT MAX. 18" O.C.
- 6) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL 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 FINNS MAY BE TRIMMED IN-FIELD TO CREATE A FINLESS FRAME.

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.

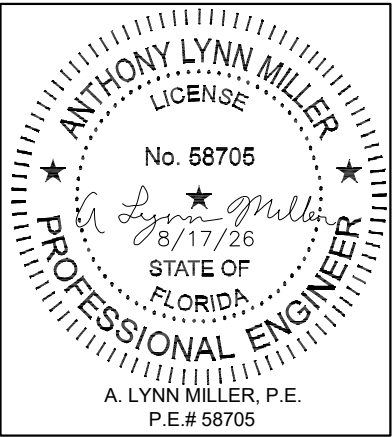
TABLE 1:

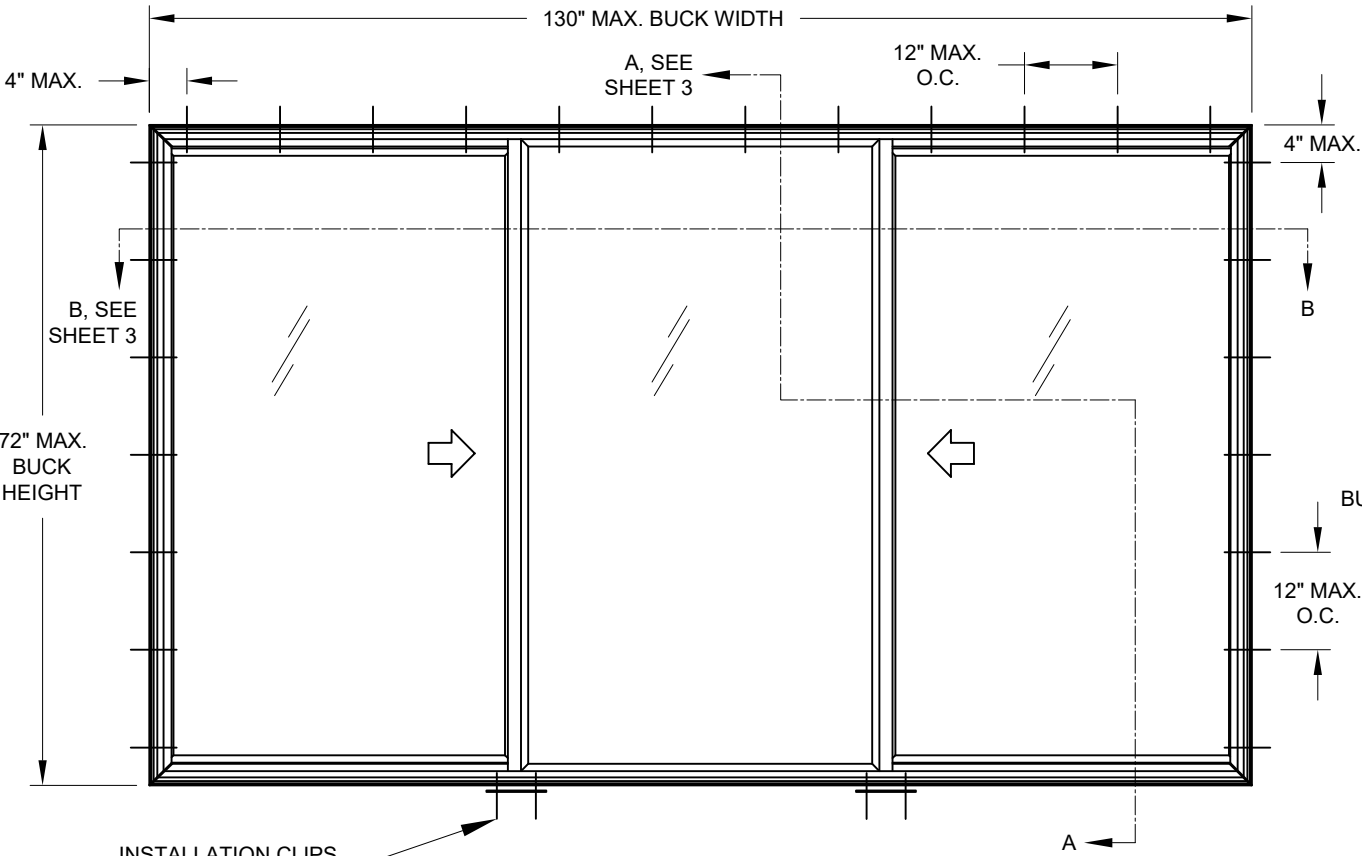
Buck Size	Configuration	Rating	Design Pressure	CPD No.
96" x 72"	XO/OX	R-PG20	+/-20	23195



DESIGN PRESSURE RATING
VARIABLES, SEE TABLES 1 & 2
WATER TEST PRESSURE
15% OF (+) DP
IMPACT RATING
NOT RATED FOR IMPACT RESISTANCE

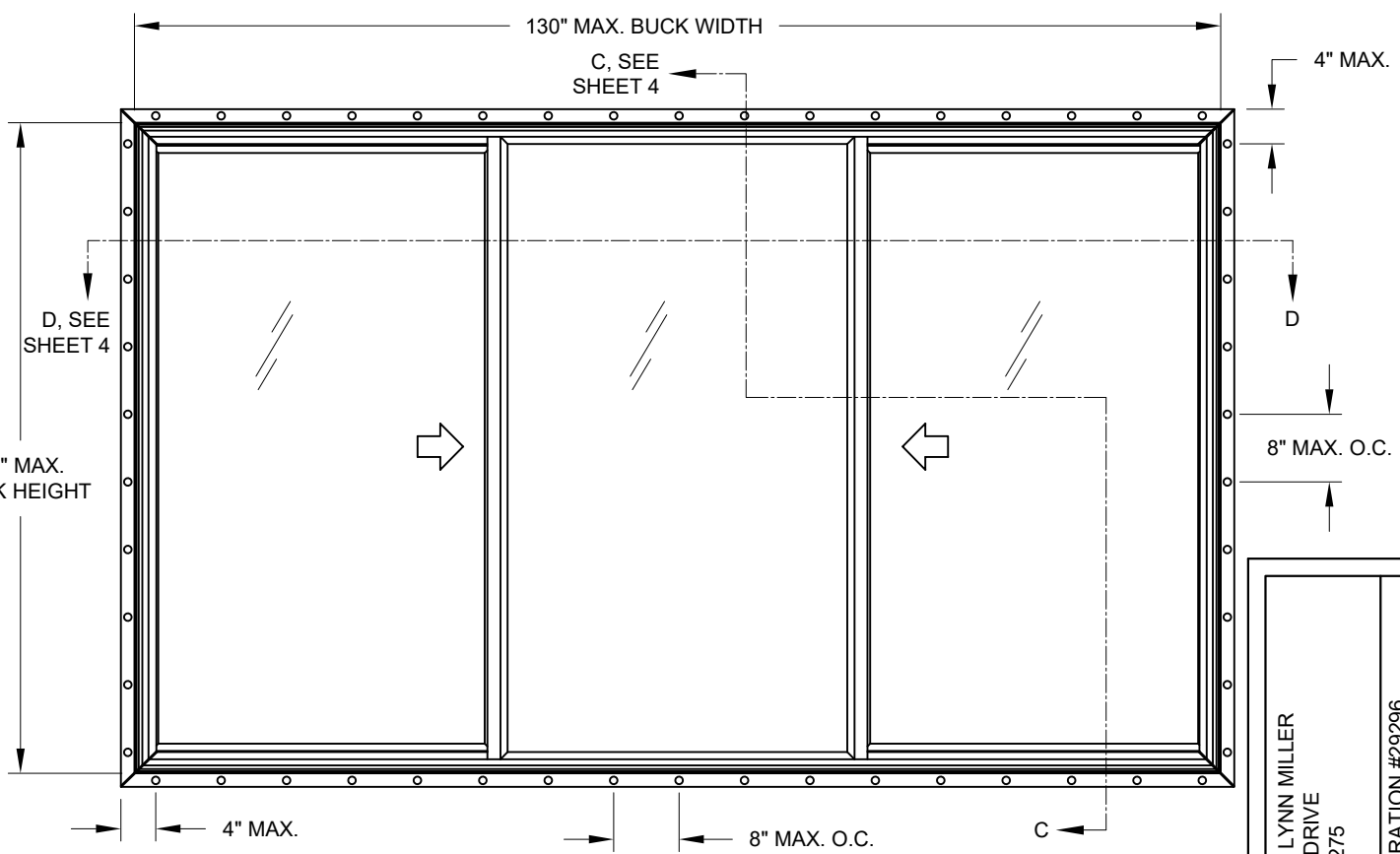
 WINDOWS and DOORS		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		COPYRIGHT © 2026 MI WINDOWS AND DOORS, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
650 WEST MARKET STREET GRATZ, PA 17030 (717) 365-3300		VINYL HORIZONTAL SLIDING WINDOW (NI)				8/17/26	
Series Desc.		XO ELEVATION & GENERAL NOTES		Drawn By		COLTON KEMP	
		1632 HS		Sheet		1 OF 4	
DWG No.		1632HS-NI					





INSTALLATION CLIPS
REQUIRED AT MEETING RAILS.
2 ANCHORS PER CLIP @ 3" O.C.

TYP. FINLESS & FLANGE FRAME, XOX

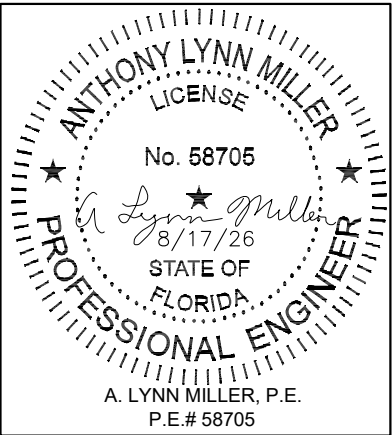


TYP. FIN & J-CHANNEL FRAME, XOX

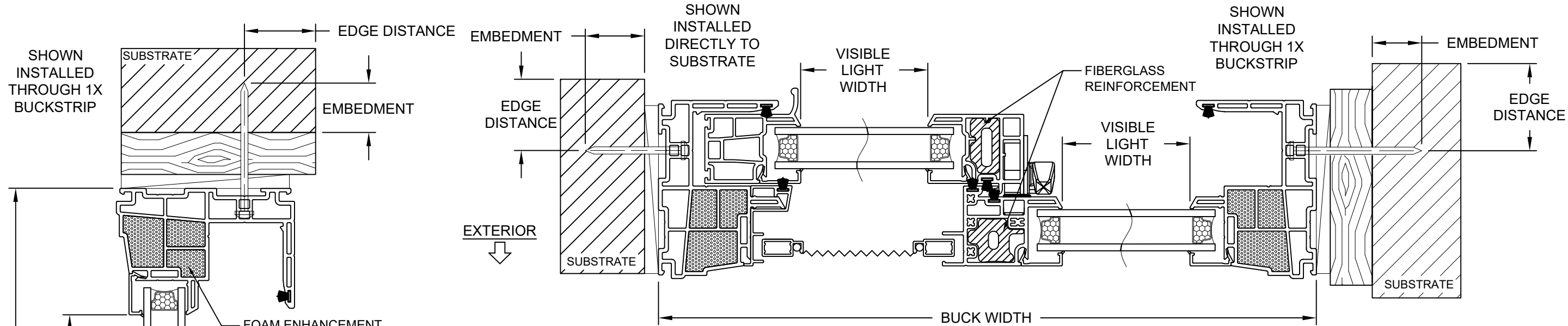
TABLE 2:

Buck Size	Configuration	Rating	Design Pressure	CPD No.
130" x 72"	XOX 1/3-1/3-1/3	LC-PG25	+/-25	23194

MI[®] WINDOWS and DOORS		650 WEST MARKET STREET GRATZ, PA 17030 (717) 365-3300		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		COPYRIGHT © 2026 MI WINDOWS AND DOORS, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
Series		Desc.		Title		VINYL HORIZONTAL SLIDING WINDOW (NI)		8/17/26	
1632 HS						XOX ELEVATIONS		COLTON KEMPFF	
Sheet		2 OF 4		DWG No.		Drawn By		1632HS-NI	



Rev.	Date	Rev.#

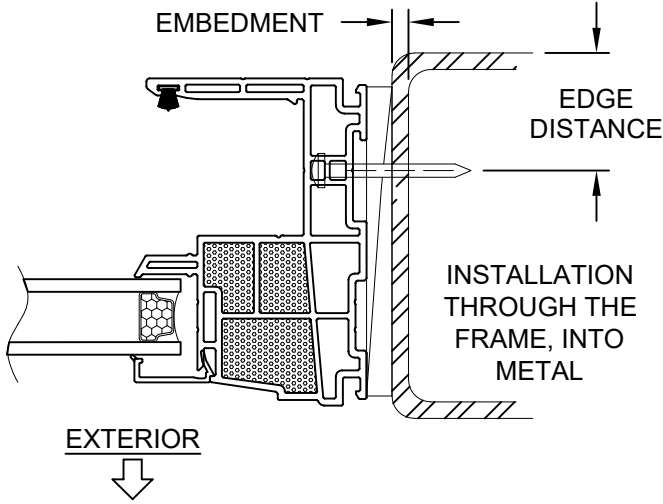


HORIZONTAL SECTION B-B (XO)
(OX & XOX SIMILAR)

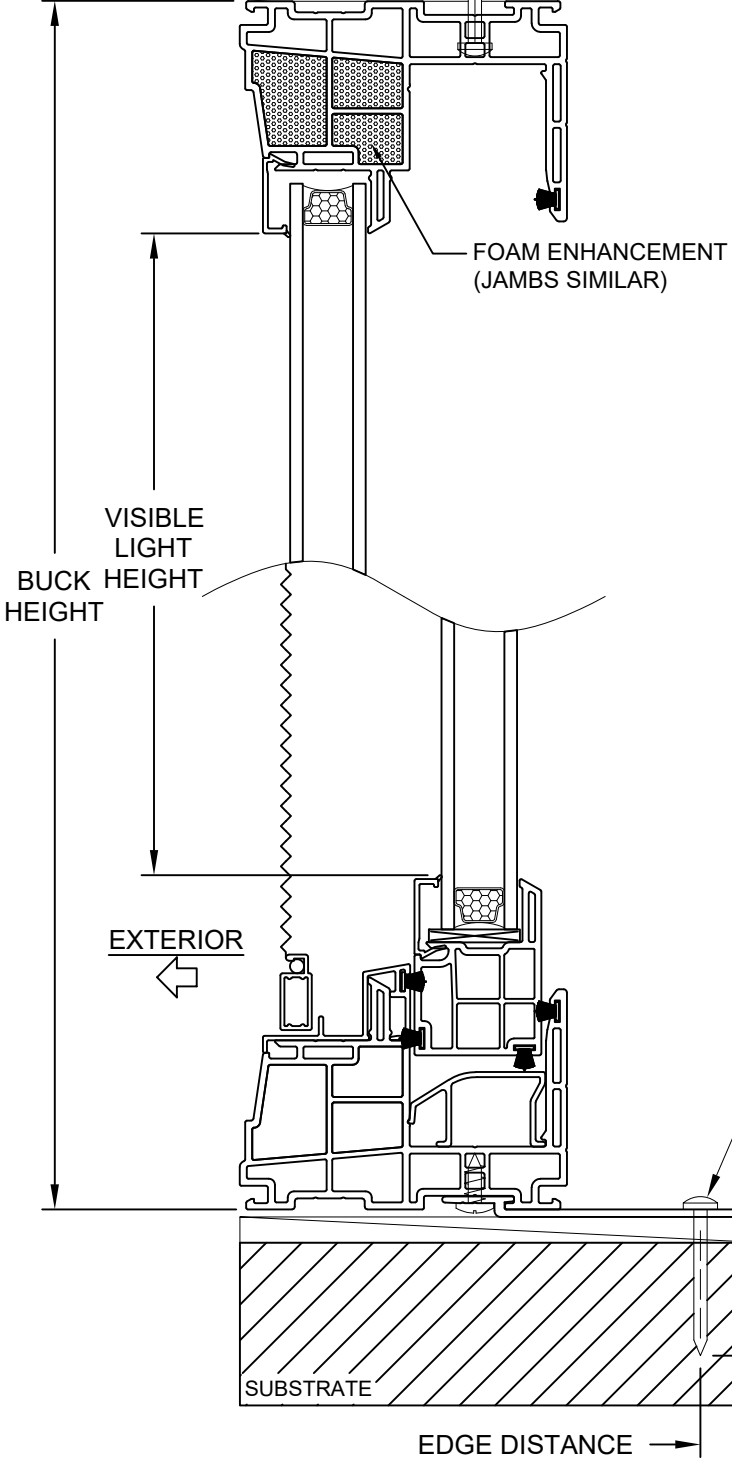
TABLE 3:

Anchor	Substrate	Min. Edge Distance	Min. Embedment
#8 SMS Carbon Steel or 18-8, 316, 410 SS	Spruce-Pine-Fir (SG=0.42)	7/16"	1-3/8"
	Steel, A36	1/4"	0.0346" (20 Ga)
	Steel Stud, A653 Gr. 33	1/4"	0.0346" (20 Ga)
	Aluminum, 6063-T5	1/4"	0.0451" (18 Ga)
3/16" Steel Ultracon+	Spruce-Pine-Fir (SG=0.42)	1/2"	1-3/8"
	Concrete (min. 3.00 ksi)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
1/4" 304 SS Aggre-Gator	Spruce-Pine-Fir (SG=0.42)	1"	1-3/8"
	Concrete (min. 2.22 ksi)	1-1/2"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	2"	1-1/4"
1/4" 410 SS Creteflex	Spruce-Pine-Fir (SG=0.42)	1"	1-3/8"
	Concrete (min. 3.35 ksi)	1"	1-3/4"
	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"

- 1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
2) MIN. OF 3 THREADS BEYOND METAL SUBSTRATE.
3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
4) ALL SCREWHEAD TYPES ARE APPLICABLE.



HORIZONTAL SECTION B-B (2)

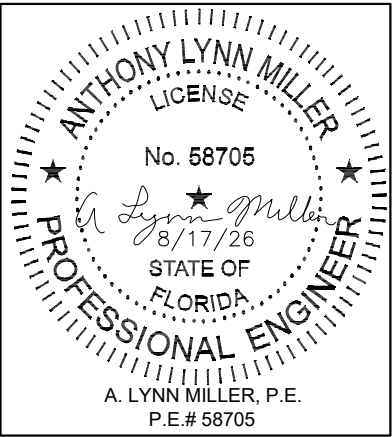


VERTICAL SECTION A-A

INSTALLATION NOTES:

- 1) SEE SHEETS 1 & 2 FOR ANCHOR SPACING REQUIREMENTS
2) SEE TABLE 3 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS
3) MAXIMUM SHIM THICKNESS TO BE 1/4"

 MI[®] WINDOWS and DOORS		650 WEST MARKET STREET GRATZ, PA 17030 (717) 365-3300		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
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VINYL HORIZONTAL SLIDING WINDOW (NI)		8/17/26		Date	
FINLESS INSTALL. DETAILS		COLTON KEMPFF		By	
1632 HS		3 OF 4		DWG No.	
Sheet		1632HS-NI		Drawn	
Series Desc.		Title		Date	



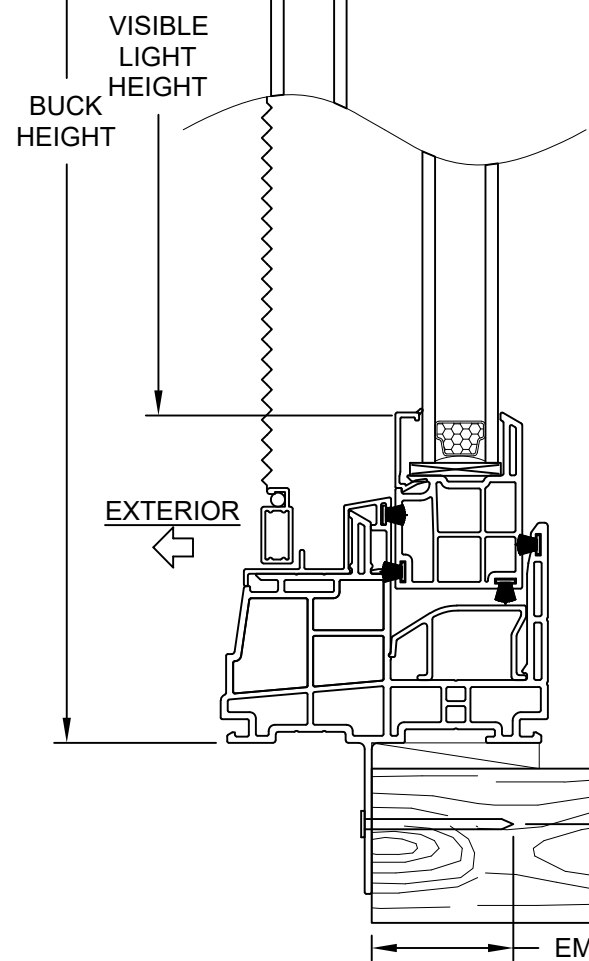
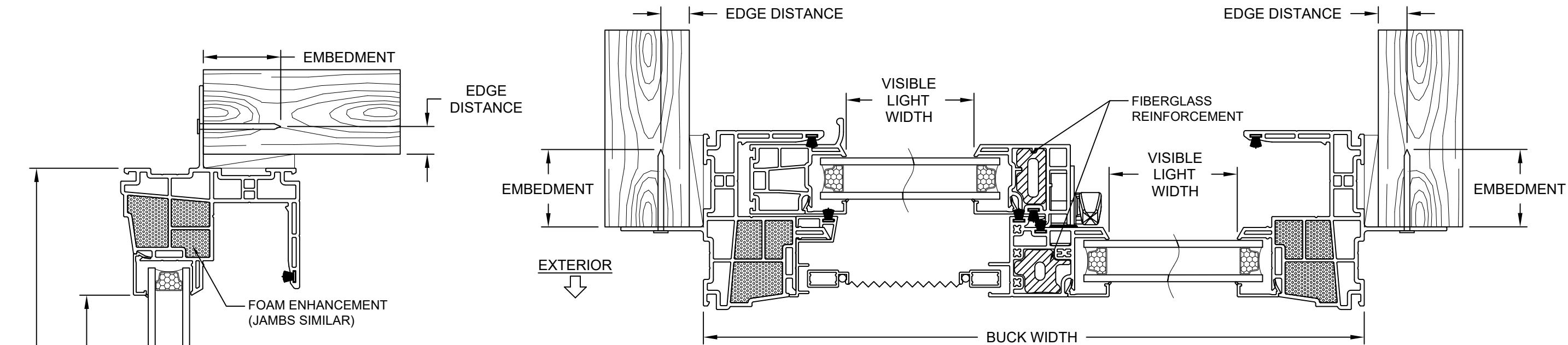


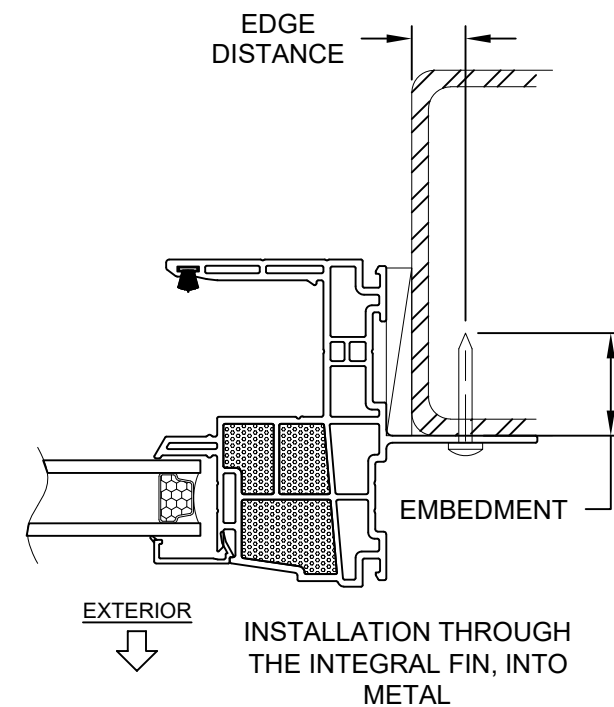
TABLE 4:

Anchor	Substrate	Min. Edge Distance	Min. Embedment
#8 SMS Carbon Steel or 18-8, 316, 410 SS	Spruce-Pine-Fir (SG=0.42)	7/16"	1-3/8"
	Steel, A36	1/4"	0.0346" (20 Ga)
	Steel Stud, A653 Gr. 33	1/4"	0.0346" (20 Ga)
	Aluminum, 6063-T5	3/8"	0.0451" (18 Ga)

- 1) MIN. OF 3 THREADS BEYOND METAL SUBSTRATE.
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MI WINDOWS and DOORS 650 WEST MARKET STREET GRATZ, PA 17030 (717) 365-3300		VINYL HORIZONTAL SLIDING WINDOW (NI) NAIL FIN INSTALL. DETAILS		DWG No. 4 OF 4	Sheet 1632 HS

ANTHONY LYNN MILLER
LICENSE
No. 58705
8/17/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
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