MODEL DESIGNATION:

Simonton Impact Resistant Horizontal Slider Series 42—19 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

Single up to 60" x 52"

DESIGN PRESSURE RATING:

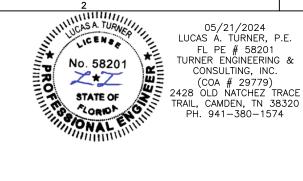
Positive: 50.0 PSF

Negative: 50.0 PSF

USABLE CONFIGURATIONS:

GENERAL DESCRIPTION:

The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



EV. #:	REVISIONS:	REVISED BY:	DATE:
1	ADDED 1X INSTALLATION	L.A.T.	01/31/15
2	ADDED TEMPERED OPTION	LMH	03/03/16
3	UPDATED FOR 7TH EDITION 2020 FBC.	LMH	12/06/20
4	UPDATED TO CURRENT FBC.	ккв	05/21/24
	•		

PECORA 896-HIS

1/8" ANNEALED

AIR SPACE

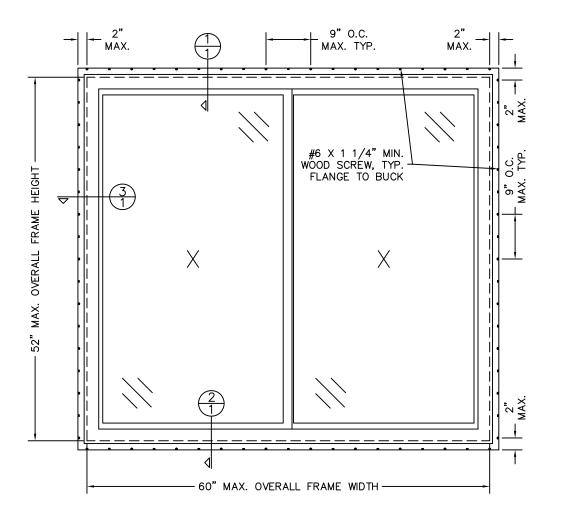
7/8" INSULATED ANNEALED/TEMPERED IMPACT GLASS

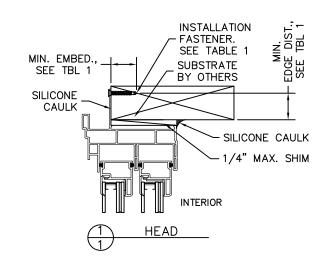
GLAZING COMPOUND

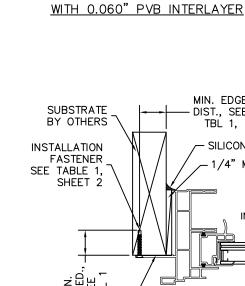
- 0.060" SOLUTIA PVB - 1/8" ANNEALED

WITH SINGLE BUTYL SEAL

- 1/8" ANNEALED or TEMPERED INTERCEPT STEEL SPACER SYSTEM

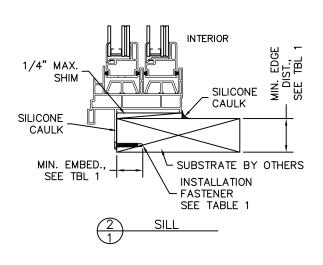






0.500"

GLASS BITE



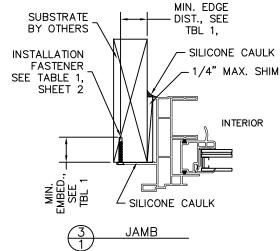


	TABLE	1:	FIN	INSTALLATION	FASTENERS	TABLE
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ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DISTANCE
		ANCHOR THROUGH FIN:		
Α	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#6 WOOD SCREW	1"	3/8"

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	MATERIAL:		
ter. sed	RMS FINISH: <u>EXCEPT AS NOTED</u> ALLOY & TEMPER:		Dimensiono <u>Unless Other</u>
S	WEIGHT:	VOLUME:	Decimals
e e.		PERIMETER:	.X ± .03 .XX ± .01 .XXX ± .005
	FINISH TREATMENT:		1 .000

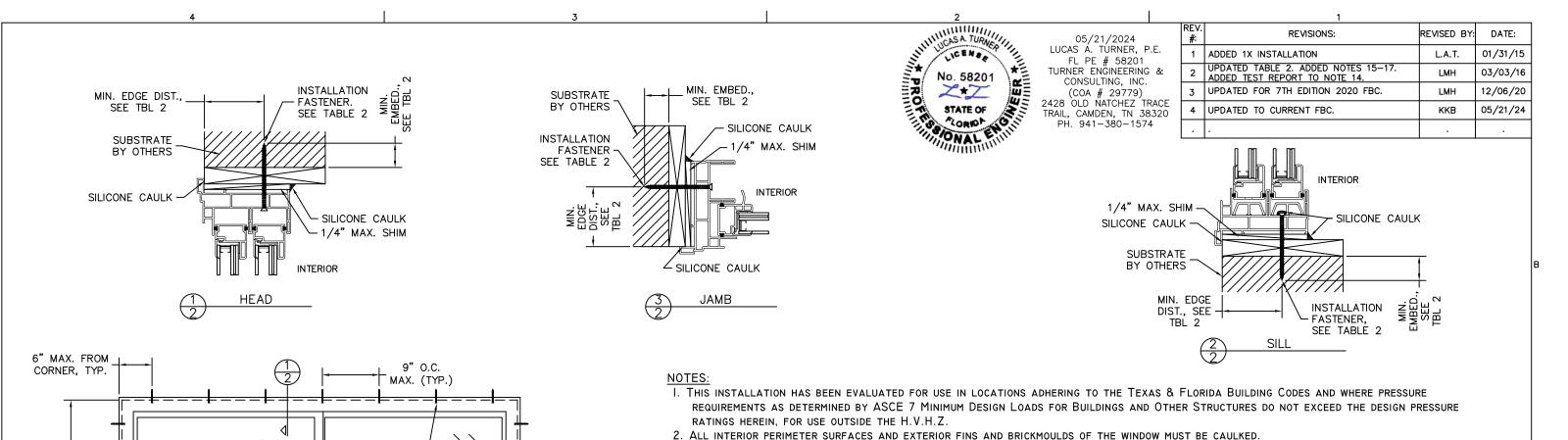
Dimensional Tolerances Unless Otherwise Specified

Decimals Angles $.x \pm .03$.XX ± .01 0° 30 min.

SIMO"	N TON°	SIZE: B	DRAWING INO:	: NO.: 545	REV.
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Pennsboro, W	V 26415				
ALE:	SHEET:	APPR	V'D BY:	DATE:	
FIT	1 of 2				
RIFS:					

42-19 IMPACT RESISTANT HORIZONTAL SLIDER THROUGH-FIN 2X BUCK INSTALLATION

FILE: FL 10160



3. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS. 4. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FIN INSTALLATIONS TO CONCRETE/MASONRY OPENINGS REQUIRE THE USE OF 2X WOOD BUCKS BETWEEN PRODUCT AND SUBSTRATE, WITH PRODUCT INSTALLATION TO 2X BUCK AS INDICATED ON SHEET I. FOR FLANGE INSTALLATIONS TO CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO SUBSTRATE, SEE SHEET 2. FLANGE INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE IX WOOD BUCKS BETWEEN PRODUCT AND SUBSTRATE. FLANGE INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF IX BUCKS BETWEEN PRODUCT AND SUBSTRATE.

- 5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE I, THIS SHEET, AND TABLE 2, SHEET 2.
- 6. THE RESPONSIBILITY FOR SELECTION OF SIMONTON PRODUCTS TO MEET ANY APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES, OR OTHER SAFETY REQUIREMENTS RESTS SOLELY WITH THE ARCHITECT, BUILDING OWNER, OR CONTRACTOR.
- 7. Shims are required where gaps of greater than 1/16" exist between opening and frame. Max. shim stack is 1/4". Shims shall be load-bearing and capable of transferring loads to the substrate.
- 8. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION CONFORMING TO MISSILE LEVEL C, WIND ZONE 2, THIS PRODUCT DOES NOT REQUIRE THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
- 9. SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE DOOR IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS THE RESPONSIBILITY OF OTHERS.
- GLAZING SHALL COMPLY WITH ASTM E 1300.
- II. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ELCO ULTRACONS IN ANY DIRECTION.
- 12. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
- 13. A WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
- 14. WINDOWS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS B7595.01-501-47-RI, A6990.01-501-47-RO AND E0148.01-109-RO BY ARCHITECTURAL TESTING, INC.
- 15. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.
- 16. USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.
- 17. DESIGNATION X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.

TABLE 2: 1X INSTALLATION FASTENERS TABLE						
ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DIST.		
Α	CONCRETE (3.05 KSI MIN.)	DEWALT ULTRACON+	1-3/4"	1"		
В	HOLLOW OR GROUT-FILLED CMU (ASTM C90)	DEWALT ULTRACON+	1-1/4"	2 1/2"		
С	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF— TAPPING/DRILLING SCREW	SEE NOTE 15	1/2"		
	· · · · · · · · · · · · · · · · · · ·					

60" MAX. OVERALL FRAME WIDTH

INSTALLATION

ANCHOR, TYP,

SEE TABLE 2

,6 X

HEIGHT

FRAME

OVERALL

MATERIAL: DISCLOSURE STATEMENT Dimensional Tolerances This document is the property of Simonton Windows, which Unless Otherwise Specified retains all proprietary and other rights to its subject matter This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole o part, nor used in conjunction with the design, manufacture or VOLUME: Decimals Angles repair of goods for anyone other than Simonton Windows without its consent. This restriction does not limit the SURFACE AREA: PERIMETER: .x + .03recipient's rights to utilize information contained in this $.XX \pm .01$ 0° 30 min. document which is properly obtained from another source. $.XXX \pm .005$ INISH TREATMENT: FILE: FL 10160

7	SIZE: DRAWING NO.:		NO.:	REV.:			
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Pennsboro, W	CHECKED BY:		DATE:				
SCALE:	SHEET:	APPF	RV'D BY:	DATE:			
FIT	2 of 2						
SERIES:							
42-19 IMPACT RESISTANT HORIZONTAL SLIDER							
TITLE:							
NOTES, THROUGH-FRAME 1X BUCK INSTALLATION							