No. 58201 REVISIONS: 05/20/2024 MODEL DESIGNATION: Simonton Horizontal Slider Series 07-09 / 07-10 / 07-20 Vinyl Impact Window LUCAS Á. TÚRNER, P.E. ADDED TEST REPORT AND NOTES 15 & 16. FL PE # 58201 MAXIMUM OVERALL NOMINAL SIZE: Single up to 73" x 62" ADDED SEALING GASKET. TURNER ENGINEERING & CONSULTING, INC. UPDATED FOR 7TH EDITION 2020 FBC **DESIGN PRESSURE RATING:** Positive: 50.0 PSF (COA # 29779) UPDATED NOTES AND ELEVATION & ANCHOR Negative: 50.0 PSF 2428 OLD NATCHEZ TRACE LAYOUT VIEW TRAIL, CAMDEN, TN 38320 12 UPDATED TO CURRENT FBC.. **USABLE CONFIGURATIONS:** OX or XO PH. 941-380-1574 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". INSTALLATION FASTENER THROUGH L-BRACKET, SUBSTRATE SEE TBL 1, SHT 2 SEE TABLE 1, SHEET 2 BY OTHERS THROUGH L-BRACKET INTERIOR INSTALLATION **FASTENER TRACK** INSTALLATION FASTENER. **EXTERIOR** SEE TABLE 1, SEE TBL 1, SHT 2 **TRACK** MIN. EDGE DIST. SHEET 2 SEE TBL 1, SHT 2 MIN. EMBED. 5" MAX. FROM 5" MAX. SEE TBL 1, SHT 2 CORNER, TYP. 5" MAX, FROM $\frac{1}{1}$ FROM CORNER, TYP. CORNER, TYP. MIN. EDGE DIST., SUBSTRATE SEE TBL 1, SHT 2 BY OTHERS SILICONE CAULK SILICONE CAULK 1/4" MAX. SHIM **JAMB** INTERIOR FRAME HEIGHT HEAD 12" O.C. OVERALL MAX. TYP. SILICONE CAULK INTERIOR INTEGRAL MASONRY FLANGE SILICONE CAULK IN INSTALLATION HOLE (ANCHORAGE SIMILAR TO 07-09) SEALING WASHER 1/4" MAX, SHIM SILICONE CAULK - SILICONE CAULK SUBSTRATE BY OTHERS 5"MAX. FROM MIN. EMBED., SILICONE CAULK -CORNER, TYP. SEE TBL 1, SHT 2 MIN. EDGE DIST. SEE TBL 1, SHT 2 07-20 FRAME WITH INTEGRAL **INSTALLATION FASTENER** NAILING FIN (REMOVED) & J-CHANNEL SEE TABLE 1, SHEET 2 SILL 73" MAX. OVERALL FRAME WIDTH DISCLOSURE STATEMENT Dimensional Tolerances Unless Otherwise Specified **ELEVATION & ANCHOR PATTERN** This document is the property of Simonton Windows, which retains all proprietary and other rights to its subject matter. This document is provided to the recipient 1 Cochrane Avenue on the expressed condition that it is not to be disclosed, reproduced in whole or **EXTERIOR VIEW** part, nor used in conjunction with the design, manufacture or repair of goods for Decimals Angles anyone other than Simonton Windows without its consent. This restriction does

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FILE: FL 10160

which is properly obtained from another source.

X ± .03

0° 30 min.

.XX ± .01

 $XXX \pm .005$

(ANCHORAGE SIMILAR TO 07-09) IZE: DRAWING NO.: 12 SIMON TON' IN0365 T.D.D. 11/13/08 HECKED BY: DATE: Pennsboro, WV 26415 07-09 / 07-10 / 07-20 IMPACT HORIZONTAL SLIDER TITLE: 1X BUCK INSTALLATION

REVISED BY:

LMH

LMH

LMH

KKB

SILICONE CAULK

- 1/4" MAX. SHIM

SILICONE CAULK

- SILICONE CAULK

- SILICONE CAULK

MIN. EMBED.,

DATE:

08/08/17

12/05/17

12/06/20

09/05/21

05/20/24

INTERIOR

EXTERIOR

NOTES:

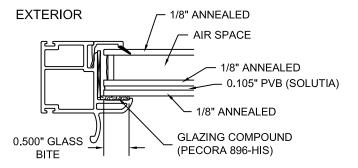
- I. THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODES AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN, FOR USE OUTSIDE THE H.V.H.Z.
- 2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
- 3. ALL SCREWS SHALL HAVE MOD. TRUSS HEAD, PAN HEAD, FLAT HEAD OR INTEGRATED OR SEPARATE WASHERS, WITH .042" MIN. HEAD OR WASHER DIAMETER.
- 4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I ACCORDING TO SUBSTRATE TYPE.
- 5. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE IX WOOD BUCKS BETWEEN PRODUCT AND SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF IX BUCKS BETWEEN PRODUCT AND SUBSTRATE.
- 6. 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. Concrete or masonry substrates shall not be cracked.
- 7. 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.
- 8. Shims are required at each anchor 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.
- 9. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT DOES NOT REQUIRE THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
- 10. SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE WINDOW IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS THE RESPONSIBILITY OF OTHERS.
- II. GLAZING SHALL COMPLY WITH ASTM E 1300.
- 12. 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.
- 13. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ELCO ULTRACONS/DEWALT ULTRACON+ IN ANY DIRECTION. (EXCEPTION L-BRACKET ANCHOR).
- 14. 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.
- 15. A WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
- 16. WINDOWS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS A9263.0I-50I-47-R0, B0676.0I-50I-47-R0-UD, D0967.0I-50I-47-R0, D8020.0I-I09-47-R0 AND D0968.0I-50I-47-R0, BY ARCHITECTURAL TESTING, INC.
- 17. 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.
- 18. DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.

TABLE I: INSTALLATION FASTENERS TABLE									
<u>ID</u>	SUBSTRATE TYPE	SUBSTRATE TYPE ANCHOR TYPE		MIN. EDGE DISTANCE					
Α	2X MIN. SOUTHERN PINE WOOD (G=0.55)	DEWALT ULTRACON+	I-3/8"	7/8"					
В	CONCRETE (3.05 KSI MIN.)	DEWALT ULTRACON+	1-3/4"	l"					
С	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	DEWALT ULTRACON+	1-1/4"	2-1/2"					
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#IO GRADE 5 WOOD SCREW	1-3/8"	7/8"					
Е	16 GAUGE (0.060"), MIN. STEEL STUD, 33 KSI YIELD MIN.	1#10-10 11W 1EV2 2ELE-DRU 1NG 2CREW		1/2"					
F	1/8" ALUM. 6063-T5 MIN. or 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/DRILLING SCREW	FULL, PLUS 3 THREADS MIN.	1/2"					



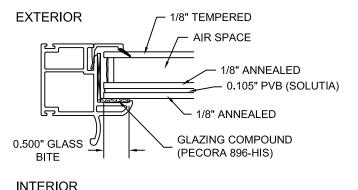
05/20/2024
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

	1						
REV. #:	REVISIONS:	REVISED BY:	DATE:				
8	ADDED TEST REPORT AND NOTES 15 & 16.	LMH	08/08/17				
9	ADDED SEALING GASKET.	LMH	12/05/17				
10	UPDATED FOR 7TH EDITION 2020 FBC.	LMH	12/06/20				
11	UPDATED NOTES AND ELEVATION & ANCHOR LAYOUT VIEW	LMH	09/05/21				
12	UPDATED TO CURRENT FBC.	KKB	05/20/24				



INTERIOR

1" INSULATED ANNEALED IMPACT RESISTANT GLASS WITH 0.105" PVB INTERLAYER



1" INSULATED TEMPERED/ANNEALED IMPACT RESISTANT GLASS WITH 0.105" PVB INTERLAYER (OPTIONAL)

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Dimensional Tolerances
Unless Otherwise Specified

Decimals Angles

.X ± .03

.XX ± .01 0° 30 min.

.XXX ± .005

A GIVEN TONE		SIZE DRAWING NO.		REV.				
SIMO)	$NTON^{2}$	l B	IN0;	IN0365				
WIN	7/8		VN BY:	DATE:				
	T.D.D.		11/13/08					
1 Cochrane Avenue			KED BY:	DATE:				
Pennsboro, w	Pennsboro, WV 26415							
SCALE:	SHEET	APPR	RV'D BY:	DATE:				
FIT	2 of 2							
SERIES:								
07-09 / 07-10 / 07-20	SLIDER							
TITLE:								

NOTES, GLAZING DETAILS, INSTALL ANCHOR TABLE

FILE: FL 10160