

MODEL DESIGNATION:

Simonton Awning Series 42-19 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATING:

See Size Chart

USABLE CONFIGURATIONS:

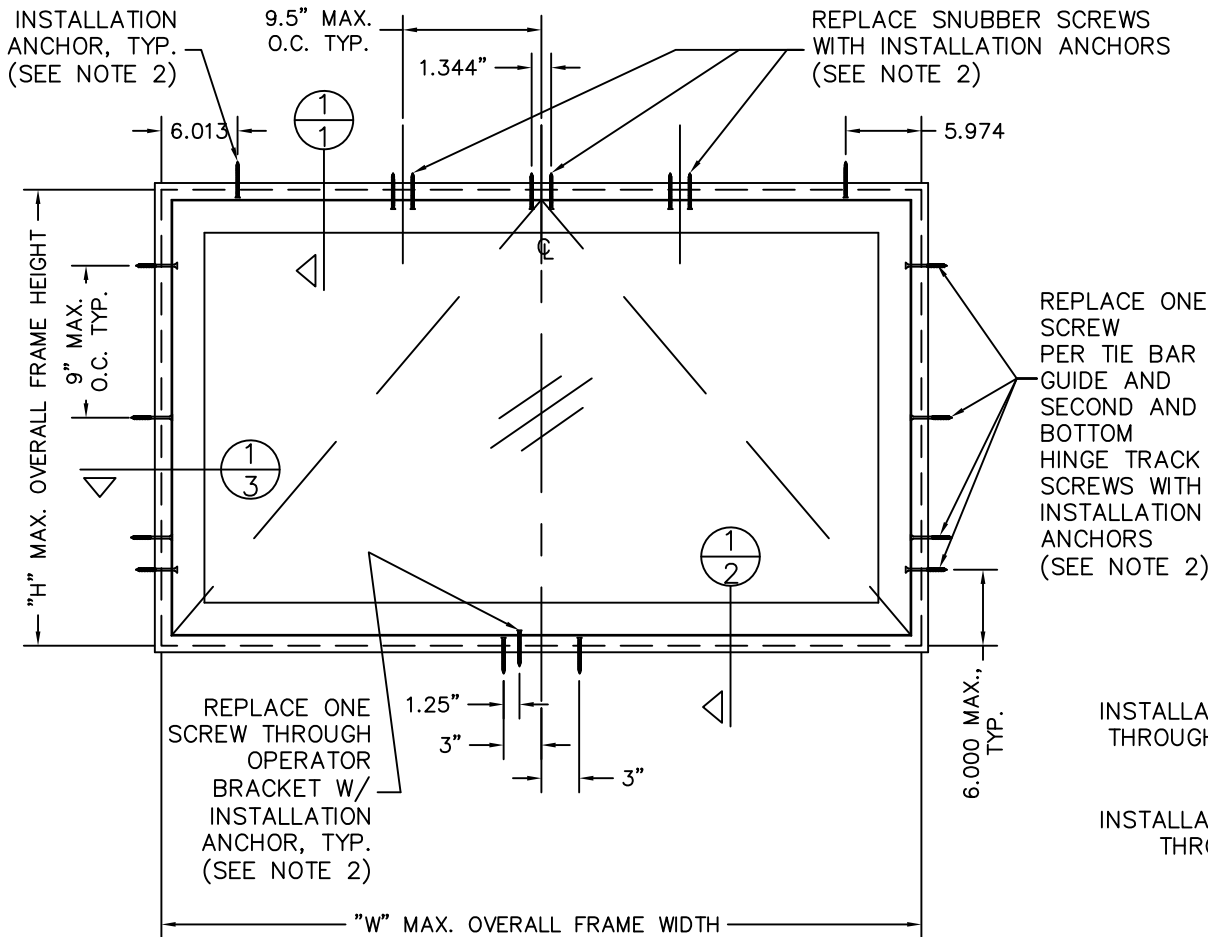
X

GENERAL DESCRIPTION:

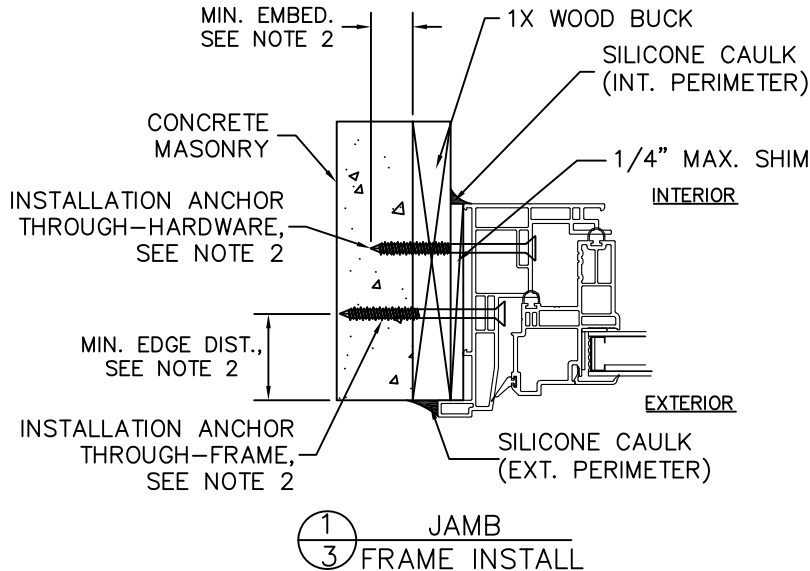
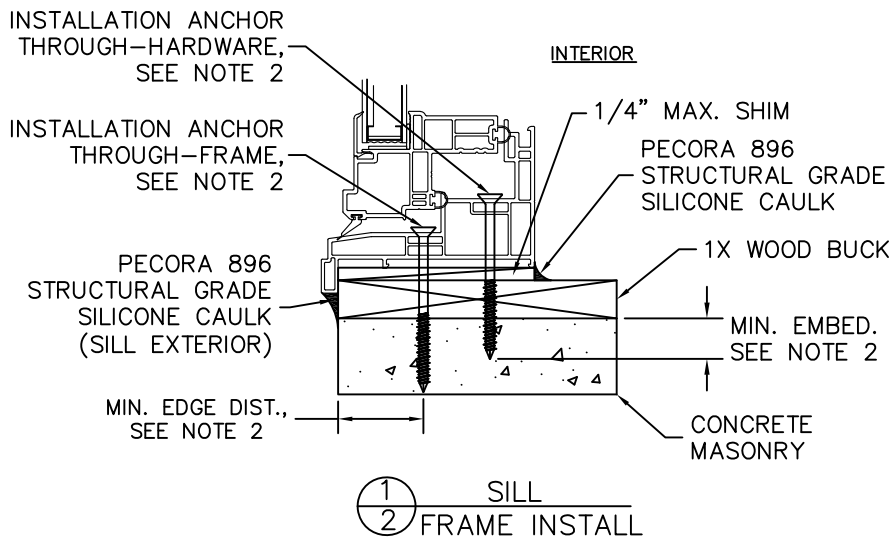
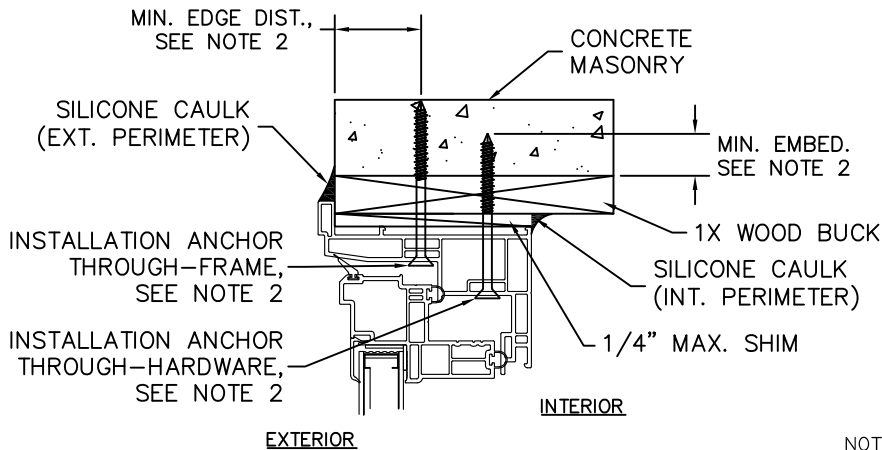
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.209".

12/26/2024
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRC TRL
CAMDEN, TN 38320
PH. 941-380-1574

REV. #	REVISIONS:	REVISED BY:	DATE:
1	UPDATED SASH AND FRAME PROFILES PER ECA #133.	T.D.D.	01/21/10
2	UPDATES NOTES, GENERAL DESCRIPTION, AND SIZE CHART.	T.D.D.	03/25/10
3	UPDATE ANCHOR NOTES	LMH	06/18/15
4	UPDATED TO CURRENT FBC.	LMH	12/26/24
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SIZE CHART		
OVERALL SIZE		
WIDTH "W"	HEIGHT "H"	DP RATING
53"	26"	±60 PSF
48"	42"	±55 PSF
60"	36"	±50 PSF

**NOTES:**

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, 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 ANCHORING TO SOLID UNCRACKED CONCRETE (MIN. COMPRESSIVE STRENGTH OF 2900 PSI), USE 3/16" DEWALT ULTRA-CON+ WITH 1-3/4" MIN. EMBEDMENT AND 1-1/8" MIN. EDGE DISTANCE. FOR ANCHORING TO UNCRACKED HOLLOW OR GROUT-FILLED CONCRETE MASONRY UNITS, JAMB ONLY, (CONFORMING WITH STRENGTH REQUIREMENTS OF ASTM C90), USE 3/16" ELCO ULTRA-CONS WITH 1-1/4" MIN. EMBEDMENT AND 2-1/2" MIN. EDGE DISTANCE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL DEWALT ULTRA-CON+ IN ANY DIRECTION. FOR ANCHORING TO WOOD (SOUTHERN PINE OR G=0.55 MIN.), FOR THROUGH-FRAME LOCATIONS USE #10 WOOD SCREWS WITH 1-3/8" MIN. EMBEDMENT AND 7/8" MIN. EDGE DISTANCE, AND FOR THROUGH-HARDWARE LOCATIONS USE #8 WOOD SCREWS WITH 1-3/8" MIN. EMBEDMENT AND 7/8" MIN. EDGE DIST.
- ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
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- ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS.
- ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.
- WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- 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.
- 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.
- WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
- SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE PRODUCT IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT ADDRESSED IN THIS DRAWING AND IS THE RESPONSIBILITY OF OTHERS.
- GLAZING SHALL COMPLY WITH ASTM E 1300.
- 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.
- A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
- PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS A6990.01-501-47-R0, BY ARCHITECTURAL TESTING, INC.
- DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL.
- 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.

DISCLOSURE STATEMENT		MATERIAL:		Dimensional Tolerances Unless Otherwise Specified		SIMONTON® WINDOWS 1 Cochrane Avenue Pennsboro, WV 26415	SIZE: DRAWING NO.: B IN0441		REV.: 4
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		EXCEPT AS NOTED					T.D.D.	09/17/09	
		ALLOY & TEMPER:					CHECKED BY:	DATE:	
		WEIGHT:	VOLUME:				SCALE:	SHEET:	APPRV'D BY:
		SURFACE AREA:	PERIMETER:				FIT	1 of 1	DATE:
		FINISH TREATMENT:					SERIES:	42-19 - AWNING WINDOW SINGLE	
							TITLE:	1X BUCK INSTALLATION	

FILE: FL 5185