

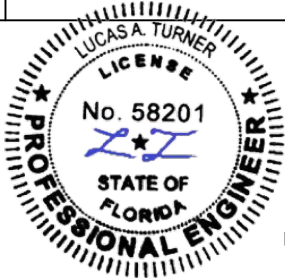
MODEL DESIGNATION: Simonton Series 06-05 3-Panel Vinyl Patio Door

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: OXO

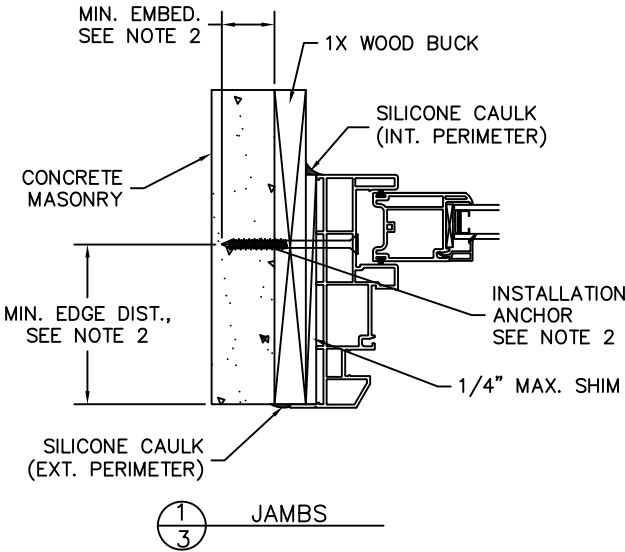
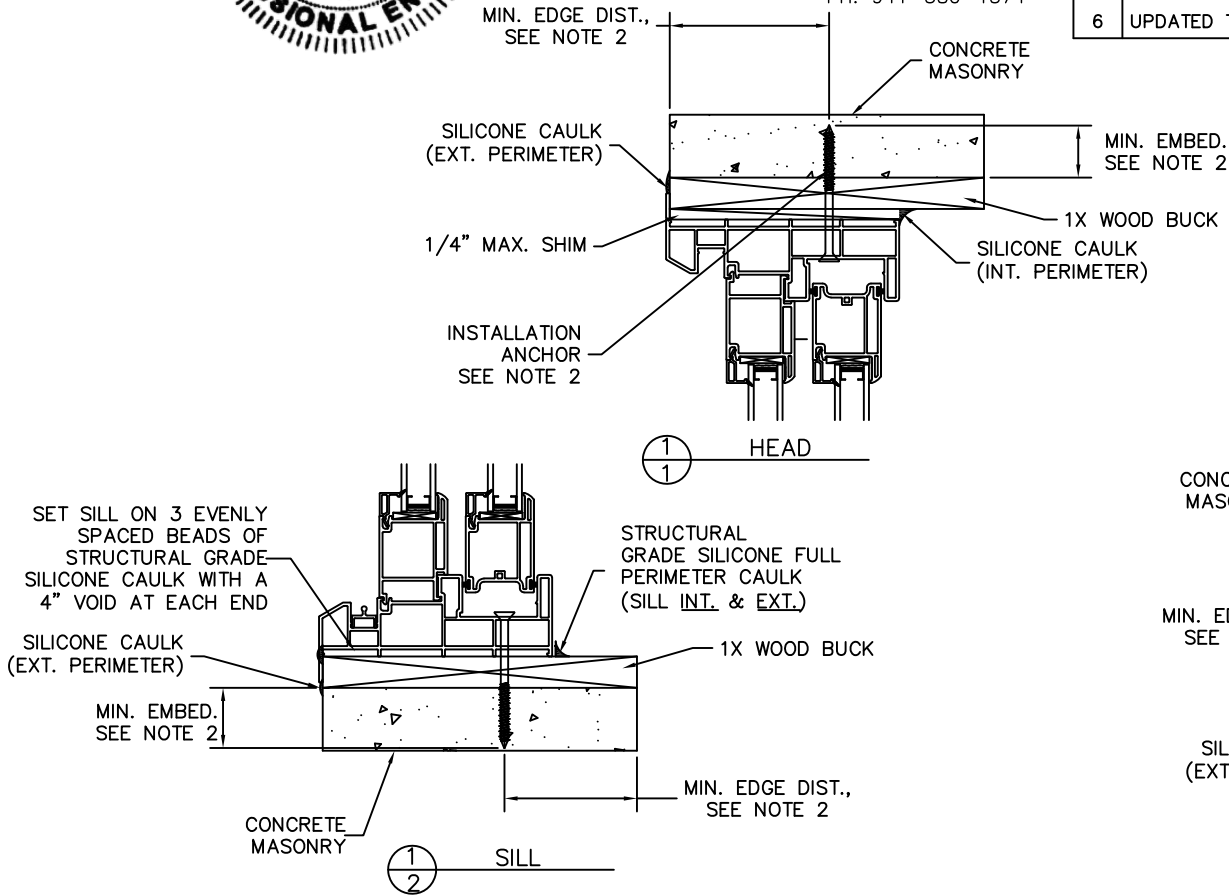
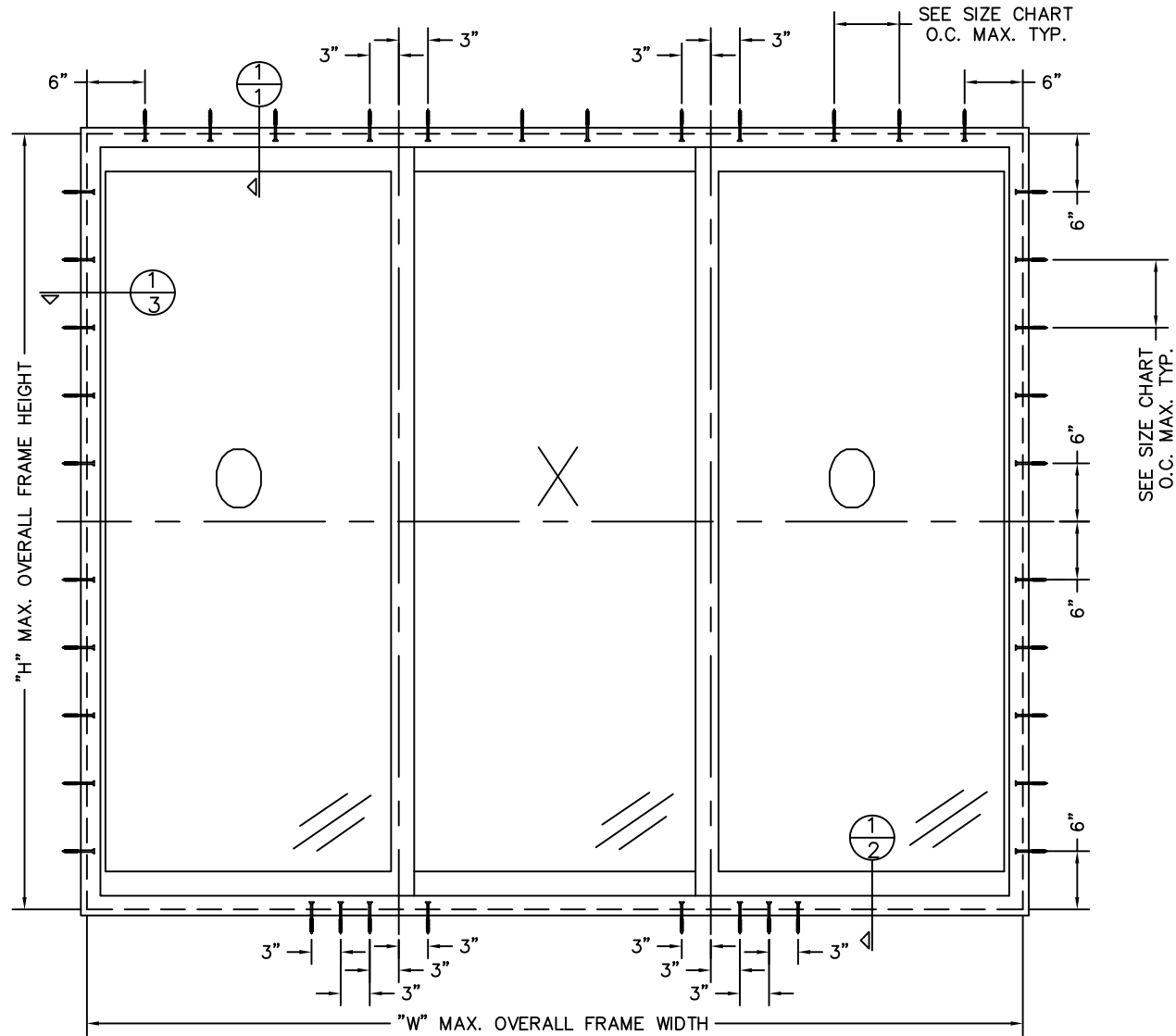
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.157".



Lucas Turner,
PE 58201
2025.06.10
12:09:14 -05'00'

5/21/2025
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

REV. #	REVISIONS:	REVISED BY:	DATE:
2	UPDATE ANCHOR NOTES	LMH	06/17/15
3	UPDATED NOTE 14, SIZE CHART AND SPACING PER NEW TEST REPORT..	LMH	12/03/15
4	ADDED NOTES IS 15 & 16 - AAMA 800	LMH	11/08/17
5	UPDATED TO 7TH EDITION (2020) FBC.	LMH	03/22/21
6	UPDATED TO CURRENT FBC.	LMH	05/21/25



- 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 2000 PSI), USE 3/16" ITW TAPCONS WITH 1" MIN. EMBEDMENT AND 1-1/8" MIN. EDGE DISTANCE. FOR ANCHORING TO UNCRACKED HOLLOW OR GROUT-FILLED CONCRETE MASONRY UNITS (CONFORMING WITH STRENGTH REQUIREMENTS OF ASTM C90, I17 PCF MIN. DENSITY), USE 3/16" ITW TAPCONS WITH 1" MIN. EMBEDMENT AND 2" MIN. EDGE DISTANCE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ITW TAPCONS IN ANY DIRECTION. FOR ANCHORING TO WOOD (SOUTHERN PINE OR G=0.55 MIN.), USE #10 WOOD SCREWS WITH 1-3/8" MIN. EMBEDMENT AND 7/8" MIN. EDGE DISTANCE.
 - ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
 - 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 CD = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
 - PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS D2901.01-109-47-R0 AND D2903.01-109-47-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.

SIZE CHART			
OVERALL SIZE		SPACING O.C.	DP RATING
WIDTH "W"	HEIGHT "H"		
107"	80"	9"	±30 PSF
* 107"	80"	8"	±45 PSF

*THIS UNIT WAS TESTED WITH HIGH PERFORMANCE REINFORCEMENT "H5."

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	RMS FINISH:				DRAWN BY: T.D.D.	DATE: 09/18/09
	ALLOY & TEMPER:				CHECKED BY:	DATE:
	WEIGHT:	VOLUME:			APPR'VD BY:	DATE:
	SURFACE AREA:	PERIMETER:			06-05 3-PANEL PATIO DOOR	
FILE: FL 7612	FINISH TREATMENT:		Decimals Angles .X ± .03 .XX ± .01 .XXX ± .005	SCALE: FIT SHEET: 1 of 1	1X BUCK INSTALLATION	