

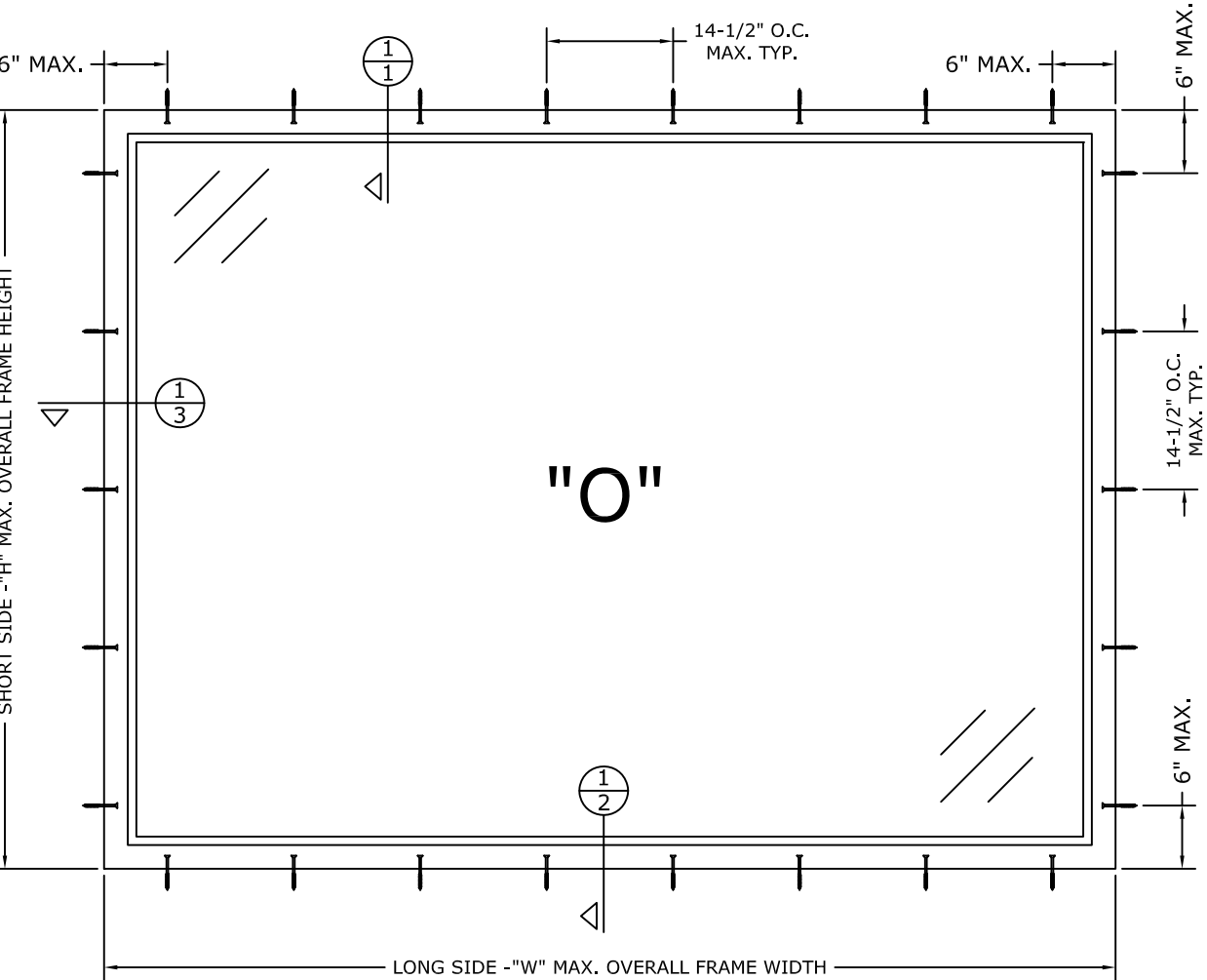
MODEL DESIGNATION: Simonton Series 43-35 / 43-40 Vinyl Fixed Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: O

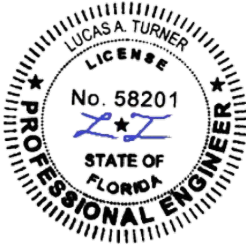
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



SIZE CHART		
OVERALL SIZE		DP RATING
WIDTH "W"	HEIGHT "H"	
96"	72"	±40 PSF
74"	63"	±50 PSF
80"	48"	

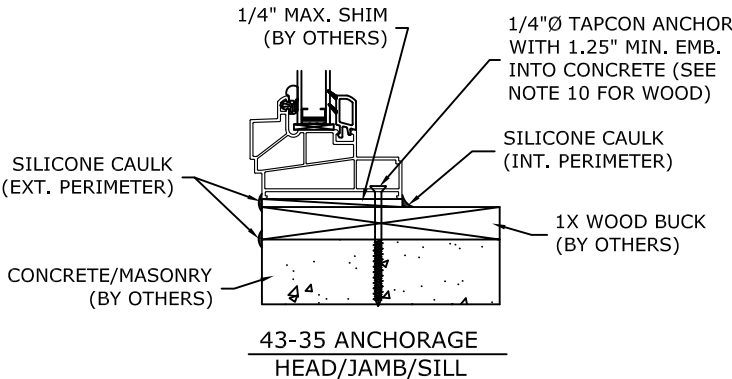
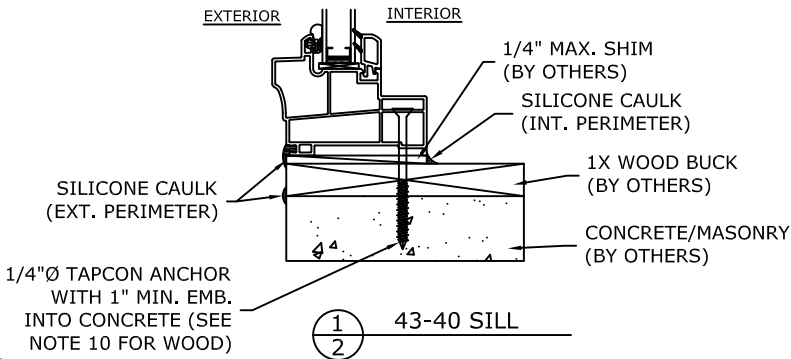
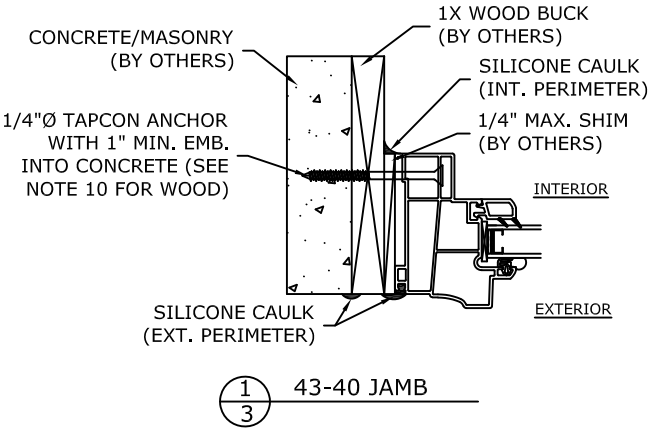
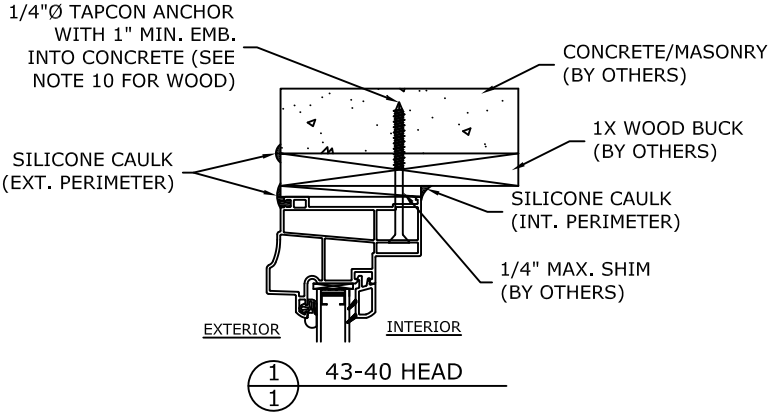
*WIDTH AND HEIGHT CAN BE TRANSPOSED.

Lucas Turner
2024.05.15
10:49:06
-05'00'



5/02/2024
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 GENERAL DESCRIPTION, NOTES AND SIZE CHART.	T.D.D.	03/02/10
2	UPDATED ANCHOR SPACING AND ADDED NOTES 15 & 16.	T.D.D.	11/27/11
3	UPDATED NOTES 10 & 13, ANCHOR SIZE.	LMH	04/12/18
4	UPDATED TO 7TH EDITION (2020) FBC	LMH	03/02/21
5	UPDATED TO CURRENT FBC.	LMH	05/02/24



- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Code and where design pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein.
 - For installation where the sub-buck is less than 1 1/2" (FBC chapter 17 Anchorage Methods) Tapcon type concrete anchors must be used and the length must be such that a minimum 1" embedment of the Tapcon into the concrete or concrete block is obtained, unless otherwise noted. Anchors should be a minimum of 2" from the edge of the concrete, hollow block CMU, or concrete block.
 - All interior and exterior perimeter surfaces of the window must be caulked.
 - Adjust Tapcon anchor locations, if necessary, to maintain a minimum of 2.0" clearance from mortar joints.
 - When the optional head expanders are used, the INSTALLER MUST ADJUST the anchor lengths to maintain the required minimum embedment into the substrate.
 - Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood or concrete.
 - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure. Bucks shall extend beyond interior face of frame such that full support of the frame is provided.
 - Follow ITW Tapcon anchoring instructions.
 - 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.
 - For wood buck substrates, use #12 wood screws with 1 1/2" min. embedment into wood, unless otherwise noted. Screws should be a minimum of 1" from the edge of the wood.
 - A. Concrete compressive strength = 3000 PSI at 28 days -B. Concrete Masonry Units shall conform with strength requirements of ASTM C90 - C. Wood Minimum Specific Gravity = 0.55
 - Shims are optional. Max. shim stack is 1/4".
 - When using a 1/4"Ø Tapcon or #12 wood screw through the window frame, pre-drill the thru hole at specified installation screw locations.
 - When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
 - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
 - Glazing shall comply with ASTM E 1300.
 - Products shall be constructed as specified in test reports ATI-C2272.01-109-47-r0 and ATI-C2274.02-501-47-r0 .

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	RMS FINISH:				B	IN0095	5
	EXCEPT AS NOTED				DRAWN BY:		DATE:
	ALLOY & TEMPER:				T.D.D.		12/01/09
	WEIGHT:	VOLUME:			CHECKED BY:		DATE:
	SURFACE AREA:	PERIMETER:			APPRV'D BY:		DATE:
FINISH TREATMENT:							
FILE: FL 5177							