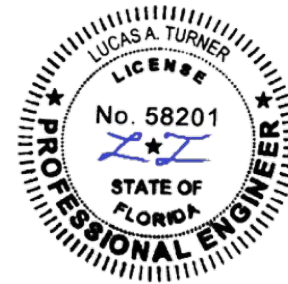


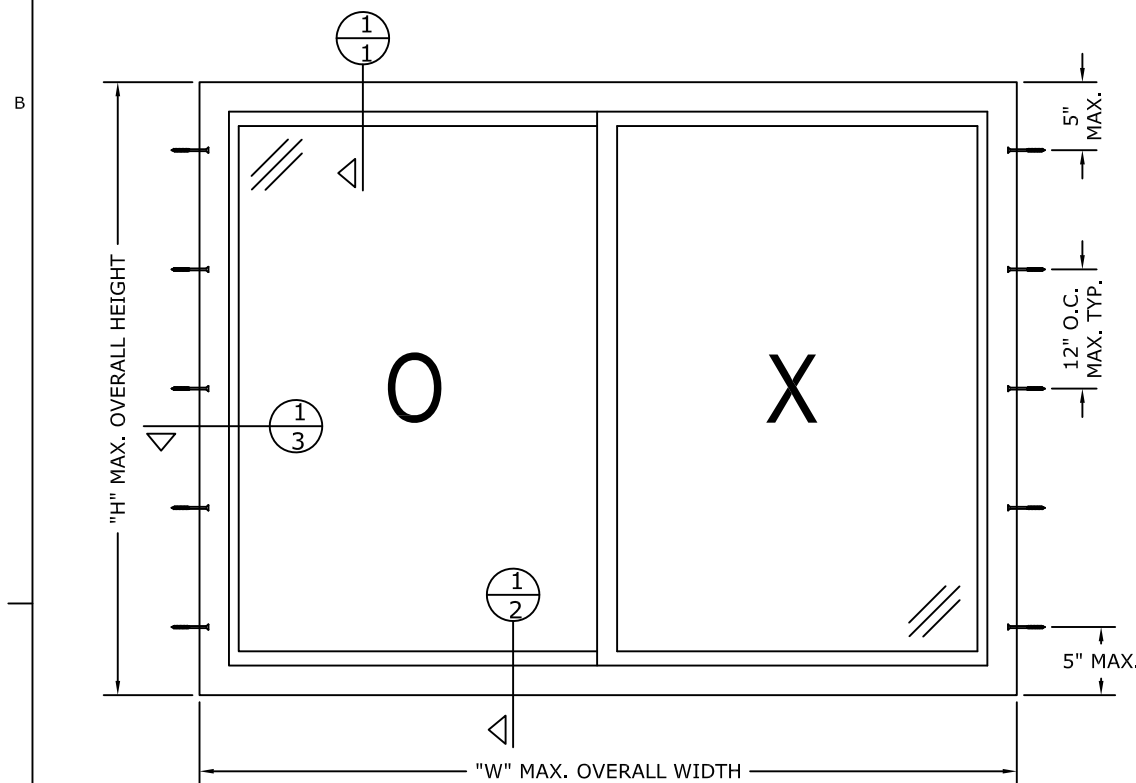
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

Lucas Turner,
PE 58201
2024.08.30
11:03:21 -05'00'



8/19/2024
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

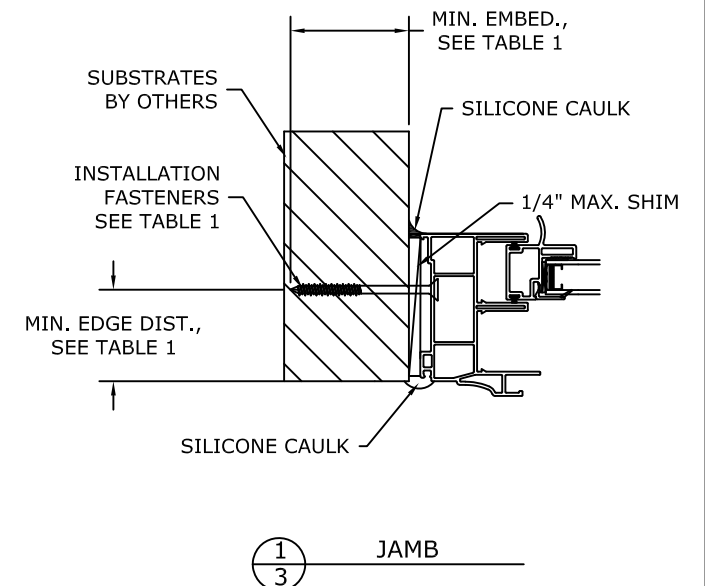
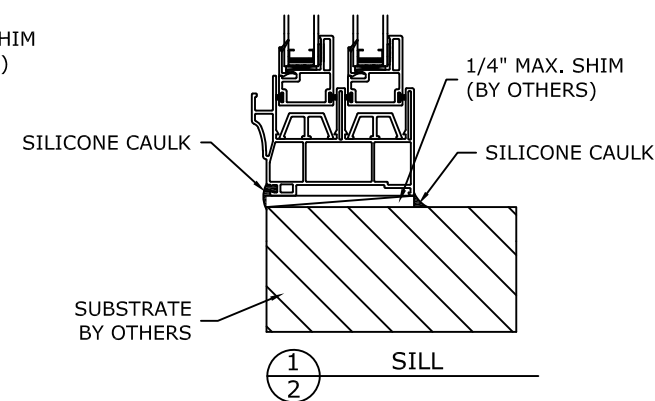
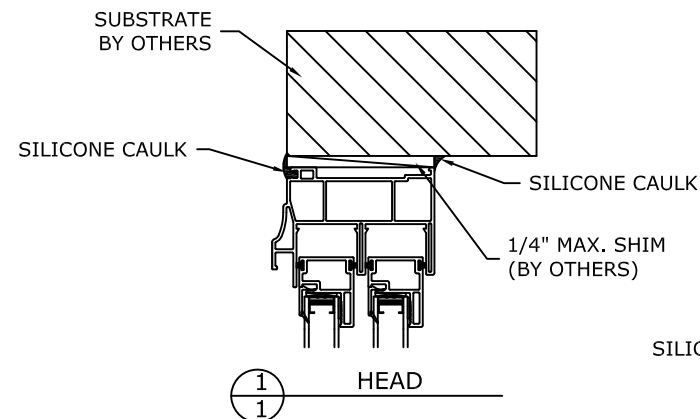
REV. #:	REVISIONS:	REVISED BY:	DATE:
6	UPDATED PER NEW TESTING.	T.D.D.	03/20/14
7	ADDED MIN. EDGE DIST. NOTE.	B.J.S.	06/19/15
8	ADDED NOTES 15 & 16, UPDATED SIZE CHART	LMH	05/09/18
9	UPDATED TO 7TH EDITION (2020) FBC	LMH	02/18/21
10	UPDATED TO CURRENT FBC	LMH	08/19/24



SIZE CHART		
OVERALL SIZE		DP RATING
WIDTH "W"	HEIGHT "H"	
78"	63"	±25 PSF
69"	65"	
72"	36"	±35 PSF
72"	54"	±30 PSF
72"	36"	±40 PSF

TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DISTANCE
A	CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1"	1"
B	HOLLOW OR GROUT-FILLED CMU (ASTM C90)	3/16" DEWALT ULTRACON+	1-1/4"	2 1/2"
C	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	#10-16 ITW TEKS SELF-DRILLING SCREW	FULL THREAD	1/2"
D	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/ DRILLING SCREW	FULL THREAD	1/2"



NOTES:

1. 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.
2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
3. ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ELCO ULTRACONS IN ANY DIRECTION.
4. 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.
5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
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, THIS PRODUCT REQUIRES 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 PRODUCT IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT ADDRESSED IN THIS DRAWING AND IS THE RESPONSIBILITY OF OTHERS.
10. GLAZING SHALL COMPLY WITH ASTM E 1300-04.
11. 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.
12. A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
13. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS ATI-D3259.01-501-47, ATI-B6479.01-109-47, ATI-D3260.01-501-47, C0841.01-109-47-R0 AND ATI-C5629.01-109-47.
14. DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING: X: OPERABLE PANEL - O: FIXED PANEL.
15. 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.

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	RMS FINISH:			
	EXCEPT AS NOTED			
	ALLOY & TEMPER:			
	WEIGHT:	VOLUME:		
	SURFACE AREA:	PERIMETER:		
FINISH TREATMENT:				