

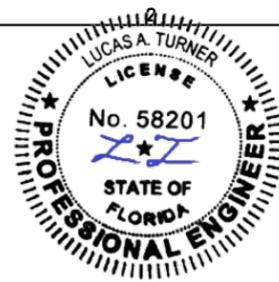
MODEL DESIGNATION: Simonton Double Hung Series 07-09 / 07-10 / 07-20 Vinyl Impact Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

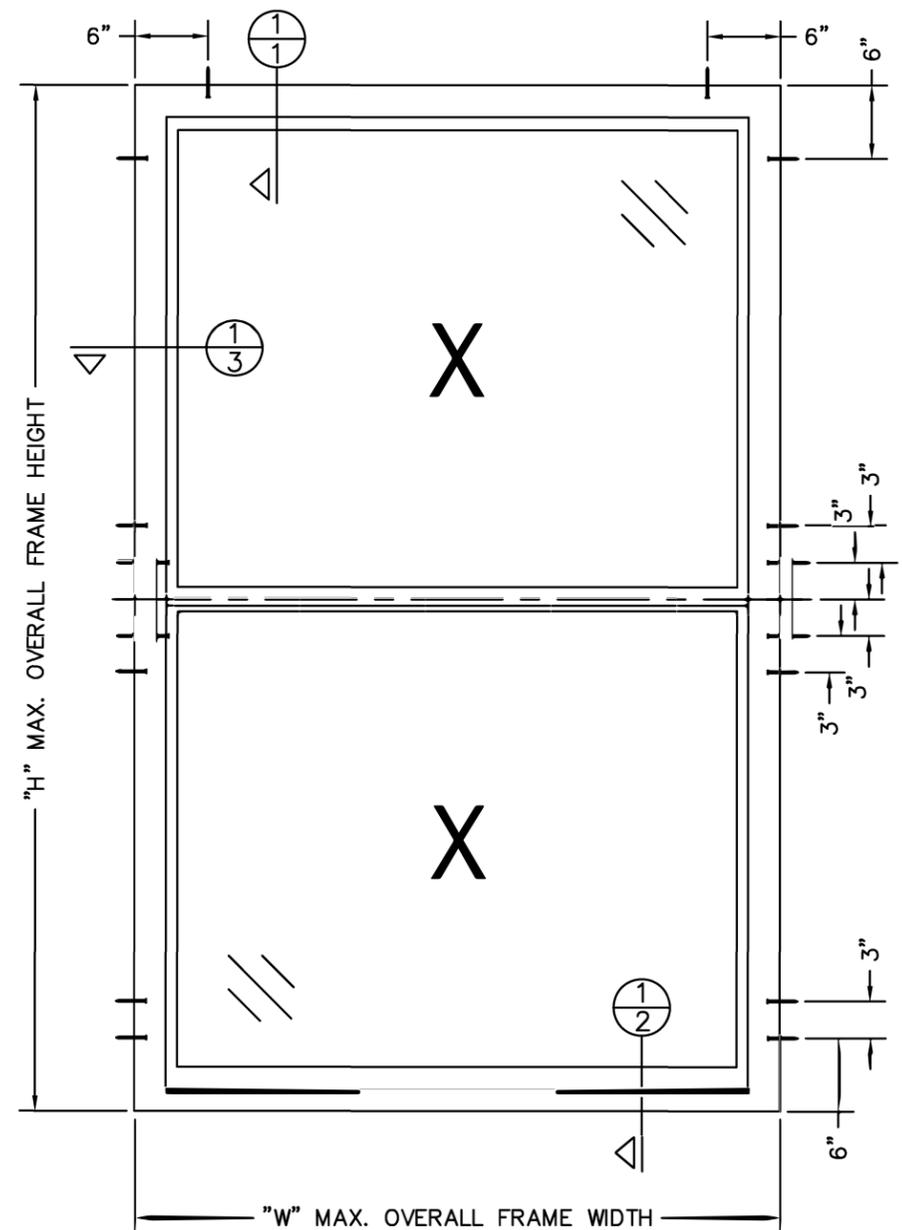
USABLE CONFIGURATIONS: X

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

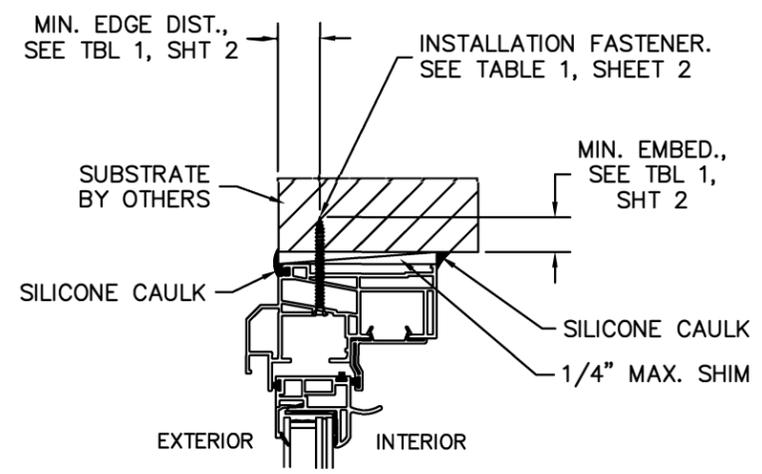


12/19/2023
 LUCAS A. TURNER, P.E.
 FL PE # 58201
 TURNER ENGINEERING & CONSULTING, INC.
 (COA # 29779)
 2428 OLD NATCHEZ TRACE TRAIL, CAMDEN, TN 38320
 PH. 941-380-1574

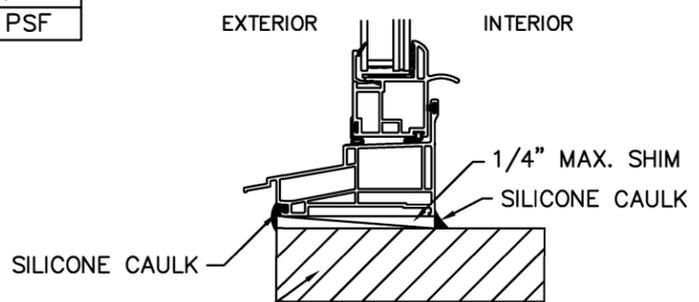
REV. #	REVISIONS:	REVISED BY:	DATE:
9	ADDED TEST REPORT NUMBER TO NOTE 15.	LMH	4/18/17
10	REMOVED PRE-DRILLED HOLES.	LMH	10/27/17
11	UPDATED SIZE CHART-DESIGN PRESSURES.	LMH	7/10/19
12	UPDATED SIZE CHART-NEW TESTING	LMH	11/09/20
13	UPDATED FOR 8TH EDITION 2023 FBC.	LMH	12/19/23



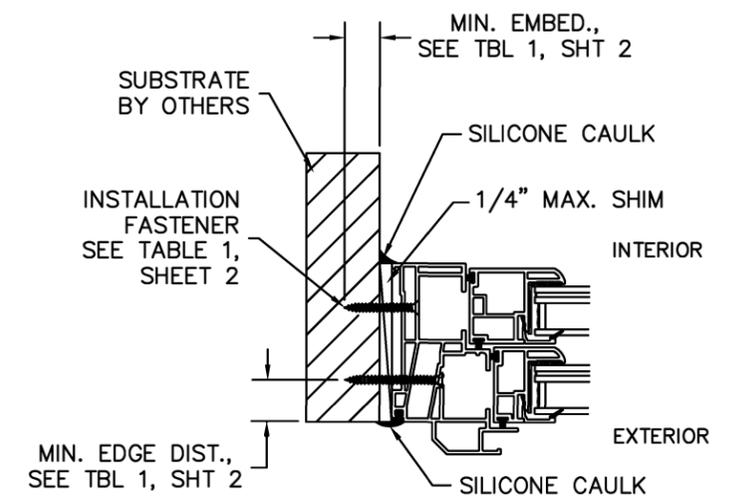
SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"	HEIGHT "H"	
53"	76"	±50 PSF
53"	76"	+55/-60 PSF
37"	84"	±60 PSF
37"	76"	+65/-70 PSF



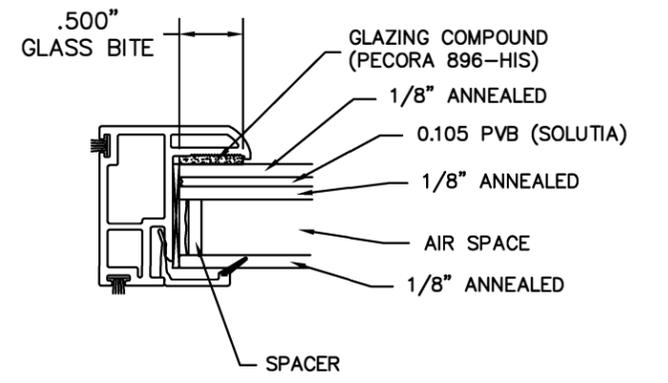
1
1 HEAD



2
1 SILL



3
1 JAMB



1" INSULATED ANNEALED IMPACT GLASS WITH 0.105" PVB INTERLAYER

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FILE: FL 5419

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

Dimensional Tolerances Unless Otherwise Specified	
Decimals	Angles
.X ± .03	0° 30 min.
.XX ± .01	
.XXX ± .005	

SIMONTON WINDOWS
 1 Cochrane Avenue
 Pennsboro, WV 26415

SIZE: DRAWING NO.: B IN0364
 REV.: 13

DRAWN BY: T.D.D. DATE: 11/13/08
 CHECKED BY: DATE:

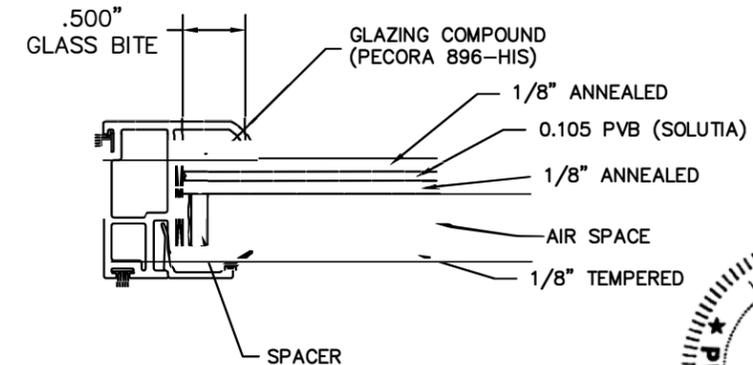
SCALE: FIT SHEET: 1 of 2 APPRVD BY: DATE:

SERIES: 07-09 / 07-10 / 07-20 IMPACT DOUBLE HUNG
 TITLE: ELEVATION, INSTALLATION DETAILS, STND. GLAZING DETAIL

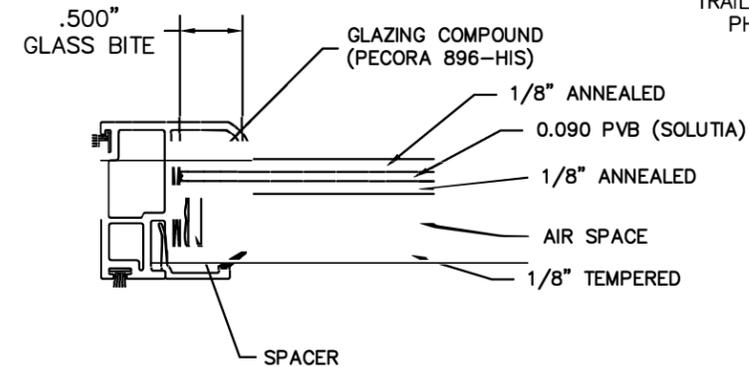
NOTES:

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE TEXAS & 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.
- ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
- ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS.
- 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 1X WOOD BUCKS BETWEEN PRODUCT AND SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN PRODUCT AND SUBSTRATE.
- 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.
- 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 DOES NOT REQUIRE 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 DOOR IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS THE RESPONSIBILITY OF OTHERS.
- GLAZING SHALL COMPLY WITH ASTM E 1300.
- 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.
- A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL DEWALT ULTRACONS IN ANY DIRECTION.
- 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.
- WINDOWS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS A8088.01-501-47-R0, A9235.01-501-47-R0, A9261.01-501-47-RI, C7745.01-109-47-R0, D0296.01-501-47-R0, D0962.01-501-47-R0, D0963.01-501-47-R0, D0964.01-501-47-R0, D8119.01-109-47-R0, D8118.01-109-47-R0 AND D8120.01-109-47 BY ARCHITECTURAL TESTING, INC AND T259-10 BY FARABAUGH ENGINEERING & TESTING INC.
- 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.

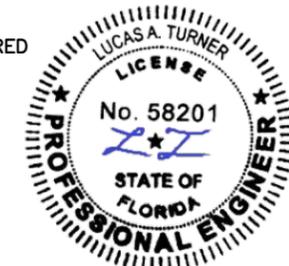
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10	REMOVED PRE-DRILLED HOLES. ADDED NOTES 16 & 17 - AAMA 800.	LMH	10/27/17
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13	UPDATED FOR 8TH EDITION 2023 FBC.	LMH	12/19/23



1" INSULATED TEMPERED/ANNEALED IMPACT GLASS WITH 0.105" PVB INTERLAYER 37" X 76" AND 53" X 76" DOUBLE HUNG (OPTIONAL)



1" INSULATED TEMPERED/ANNEALED IMPACT GLASS WITH 0.090" PVB INTERLAYER 37" X 84" DOUBLE HUNG (OPTIONAL)



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TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DIST.
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	2X MIN. SOUTHERN PINE WOOD (G=0.55)	3/16" DEWALT ULTRACON+	1-3/8"	3/4"
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#10 WOOD SCREW	1-3/8"	3/4"
E	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	#10-16 ITW TEKS SELF-DRILLING SCREW	SEE NOTE 11	1/2"
F	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/DRILLING SCREW	SEE NOTE 11	1/2"

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