

MODEL DESIGNATION: Simonton Series 07-07 Center Hinge Inswing Garden Door

MAXIMUM OVERALL NOMINAL SIZE: Single up to 71" x 80"

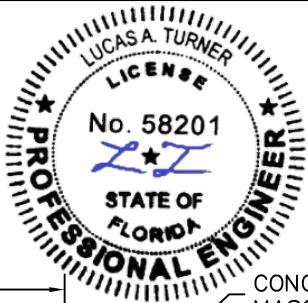
DESIGN PRESSURE RATING: Positive: 35.0 PSF
Negative: 35.0 PSF

USABLE CONFIGURATIONS: OX, XO

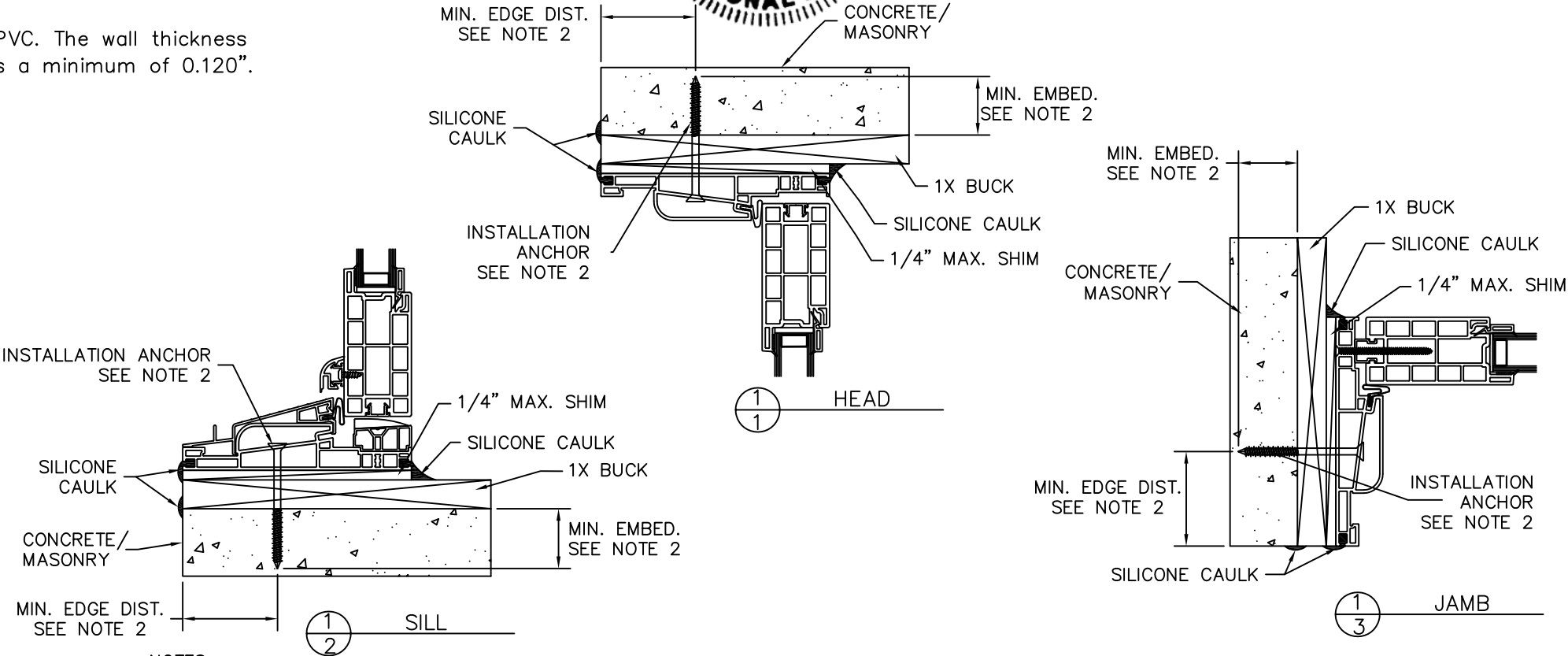
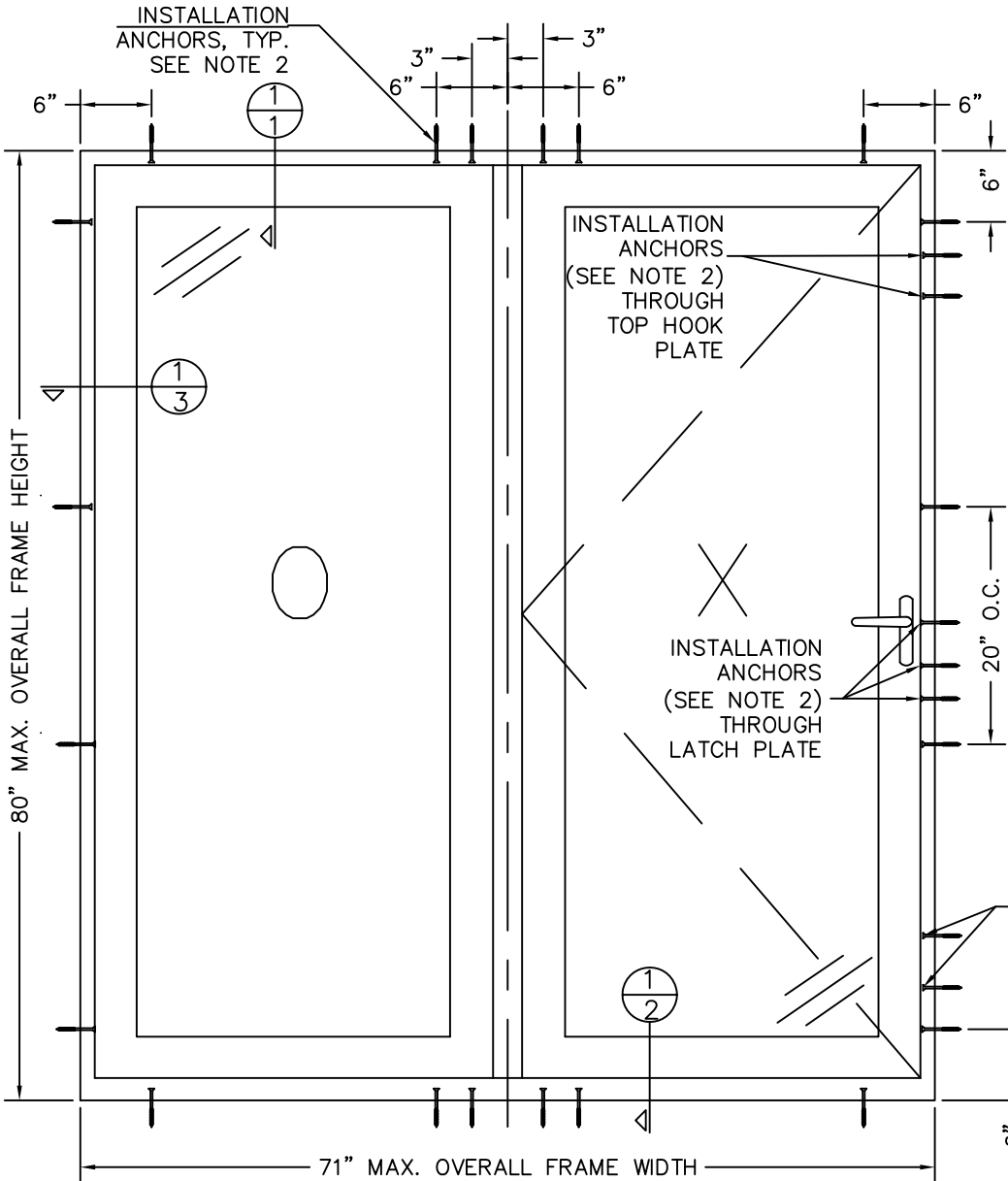
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.120".

11/16/2021
Lucas Turner
2021.11.16
13:57:17
-06'00'

LUCAS TURNER, FL PE 58201
TURNER ENGINEERING & CONSULTING, INC.,
FBPE COA 29779
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574



REV. #	REVISIONS:	REVISED BY:	DATE:
1	UPDATED NOTES, GENERAL DESCRIPTION, AND ANCHOR LOCATIONS.	T.D.D.	02/03/10
2	ADDED HEAD AND SILL ANCHORS.	T.D.D.	02/08/10
3	ADDED NOTE 15.	T.D.D.	11/27/11
4	UPDATE ANCHOR NOTES	LMH	06/16/15
5	UPDATED TO 7TH EDITION 2020 FBC	LMH	11/15/21



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. 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, 117 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.
3. All interior and exterior perimeter surfaces of the window must be caulked.
4. Anchor type, size, spacing, embedment, and edge distance shall be as specified in these drawings.
5. 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.
6. Wood or masonry openings, bucks, and buck fasteners, by others, shall be properly designed and installed to transfer wind loads to the structure.
7. 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.
8. 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.
9. When used in areas requiring impact protection, this product requires the use of approved impact resistant shutters or other external protection.
10. 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.
11. Glazing shall comply with ASTM E 1300.
12. 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.
13. A wind load duration factor Cd = 1.6 was used for the analysis of wood screws only.
14. Products shall be constructed as specified in test reports c3519.01-501-47-r0, by Architectural Testing, Inc.

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FILE: FL 5198

MATERIAL:

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

VOLUME:
PERIMETER:

Dimensional Tolerances
Unless Otherwise Specified

Decimals Angles
.X ± .03
.XX ± .01
.XXX ± .005
0° 30 min.



SIZE: B	DRAWING NO.: IN0451	REV.: 5
DRAWN BY: T.D.D.	DATE: 09/21/09	
CHECKED BY:	DATE:	
SCALE: FIT	SHEET: 1 of 1	APPR'VD BY: DATE:
SERIES: 07-07 CENTER HINGE INSWING GARDEN DOOR		
TITLE: 1X BUCK INSTALLATION		