

MODEL DESIGNATION: Simonton Casement Series 42-19 Vinyl Window

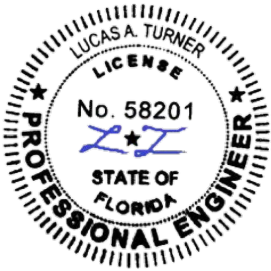
MAXIMUM OVERALL NOMINAL SIZE: Single up to 36" X 72"

DESIGN PRESSURE RATING: Positive: 60.0 PSF  
Negative: 60.0 PSF

USABLE CONFIGURATIONS: X

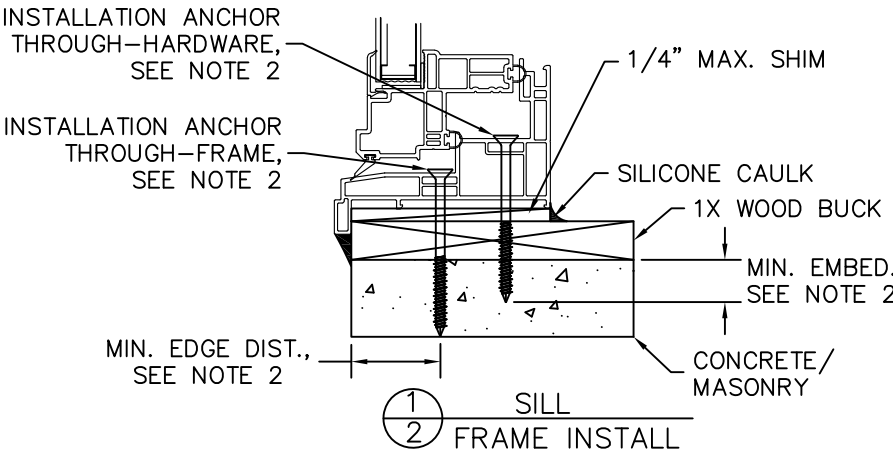
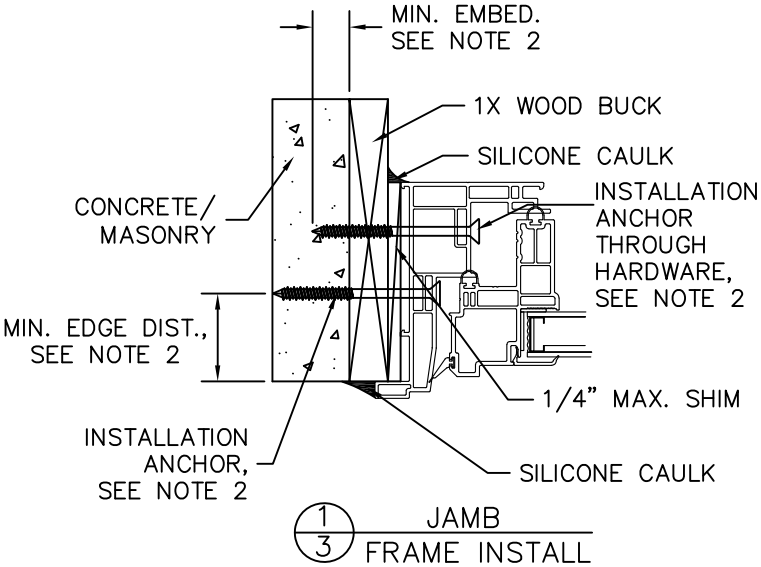
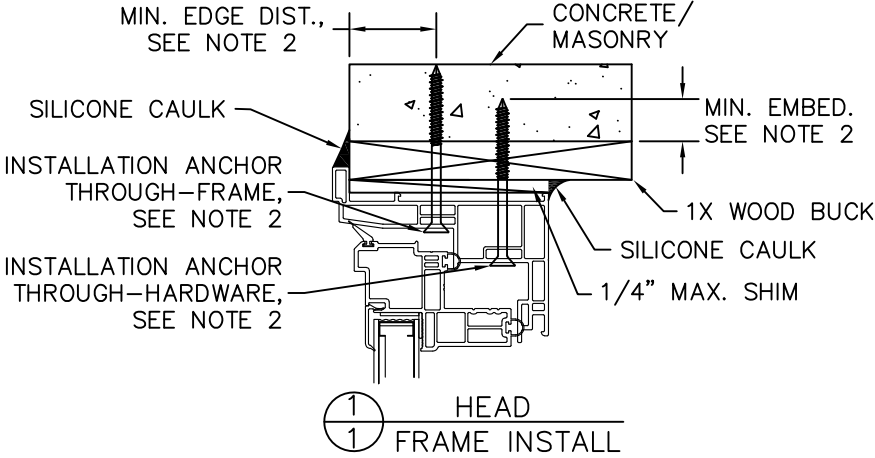
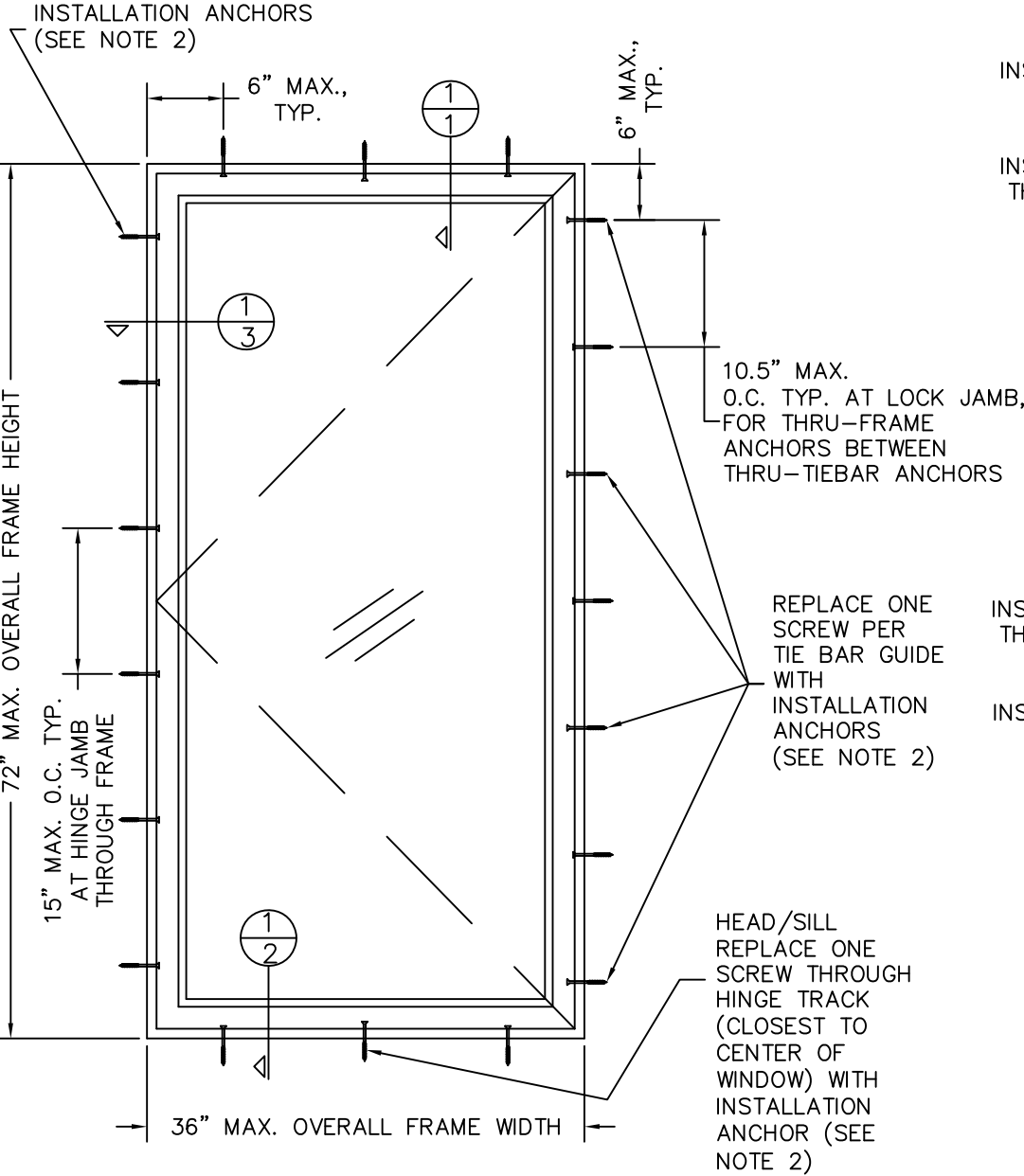
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

Lucas Turner,  
PE 58201  
2025.01.09  
15:56:18  
-06'00'



12/26/2024  
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:    |
|--------|-----------------------------------------------|-------------|----------|
| 1      | UPDATED SASH AND FRAME PROFILES PER ECA #133. | T.D.D.      | 01/21/10 |
| 2      | UPDATE ANCHOR NOTES                           | LMH         | 06/18/15 |
| 3      | UPDATED TO CURRENT FBC.                       | LMH         | 12/26/24 |
| .      | .                                             | .           | .        |
| .      | .                                             | .           | .        |



- 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.), FOR THROUGH-FRAME LOCATIONS USE #10 WOOD SCREWS WITH 1-3/8" MIN. EMBEDMENT AND 7/8" MIN. EDGE DISTANCE, AND FOR THROUGH-HARDWARE LOCATIONS USE #8 WOOD SCREWS WITH 1-3/8" MIN. EMBEDMENT AND 7/8" MIN. EDGE DIST.
  - 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 A6992.01-501-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.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                      |                                                                                                                                                                            |                                                                                                                                                                           |                    |              |       |
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| <div>DISCLOSURE STATEMENT</div> <p>This document is the property of Simonton Windows, which retains all proprietary and other rights to its subject matter. This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole or part, nor used in conjunction with the design, manufacture or repair of goods for anyone other than Simonton Windows without its consent. This restriction does not limit the recipient's rights to utilize information contained in this document which is properly obtained from another source.</p> <div>FILE: FL 107</div> | MATERIAL:       |                      | <div>Dimensional Tolerances<br/>Unless Otherwise Specified</div> <div>Decimals      Angles</div> <div>.X ± .03<br/>.XX ± .01<br/>.XXX ± .005</div> <div>0°   30 min.</div> | <div>SIMONTON®<br/>W I N D O W S<br/>1 Cochrane Avenue<br/>Pennsboro, WV 26415</div> | SIZE:              | DRAWING NO.: | REV.: |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RMS FINISH:     |                      |                                                                                                                                                                            |                                                                                                                                                                           | B                  | INO438       | 3     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EXCEPT AS NOTED |                      |                                                                                                                                                                            |                                                                                                                                                                           | DRAWN BY: DATE:    |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ALLOY & TEMPER: |                      |                                                                                                                                                                            |                                                                                                                                                                           | T.D.D. 09/17/09    |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WEIGHT:         | VOLUME:              |                                                                                                                                                                            |                                                                                                                                                                           | CHECKED BY: DATE:  |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SURFACE AREA:   | PERIMETER:           |                                                                                                                                                                            |                                                                                                                                                                           | APPR'V'D BY: DATE: |              |       |
| FINISH TREATMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | SCALE:               | SHEET:                                                                                                                                                                     | SERIES:                                                                                                                                                                   |                    |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | FIT                  | 1 of 1                                                                                                                                                                     | 42-19 - CASEMENT WINDOW SINGLE                                                                                                                                            |                    |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | TITLE:               |                                                                                                                                                                            |                                                                                                                                                                           |                    |              |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | 1X BUCK INSTALLATION |                                                                                                                                                                            |                                                                                                                                                                           |                    |              |       |