

**V102 uPVC TILT AND TURN - NAIL FIN**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+70.0/-80.0PSF	NONE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC, 2006 IRC WITH TEXAS STATE MODIFICATIONS.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 4) FRAME MATERIAL: EXTRUDED RIGID PVC.
- 5) UNITS MUST BE GLAZED PER ASTM E1300.
- 6) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 7) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 8) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 9) ALL FASTENERS TO BE CORROSION RESISTANT.
- 10) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:  
A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42

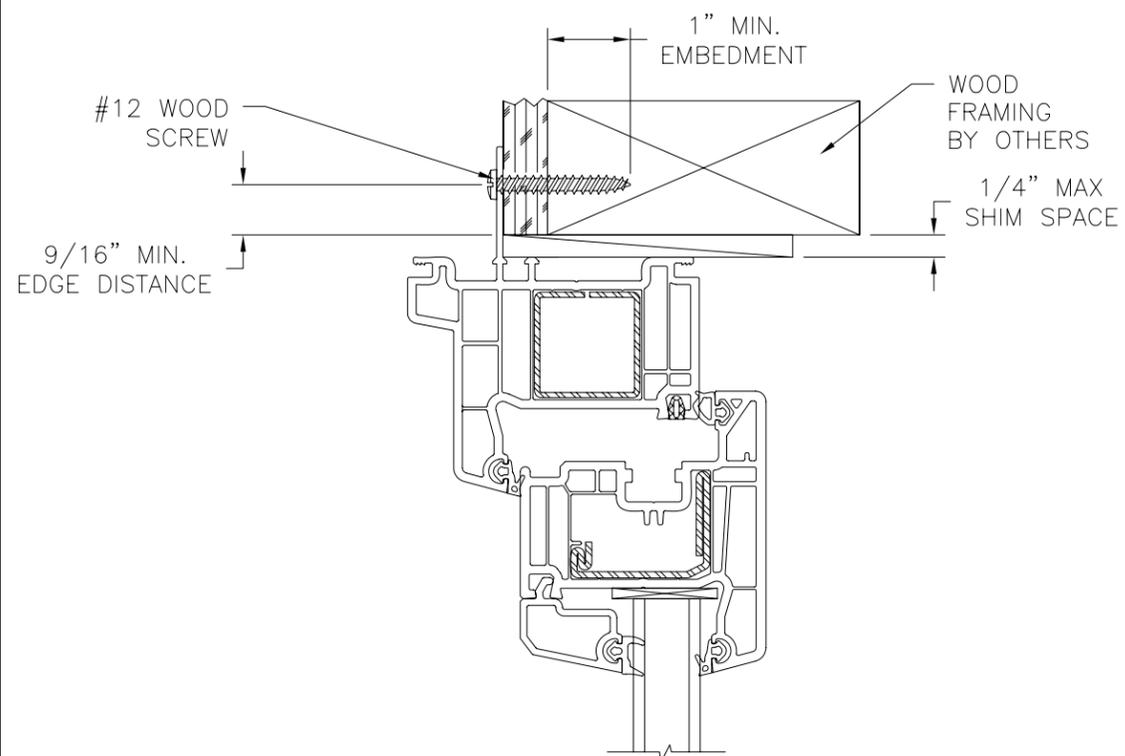
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3	HARDWARE LOCATION AND COMPONENTS

<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
V102 uPVC TILT AND TURN - NAIL FIN 48 X 78 ELEVATION AND NOTES			
DRAWN: V.L.	DWG NO. 08-01312	REV -	
SCALE NTS	DATE 07/20/11	SHEET 1 OF 3	



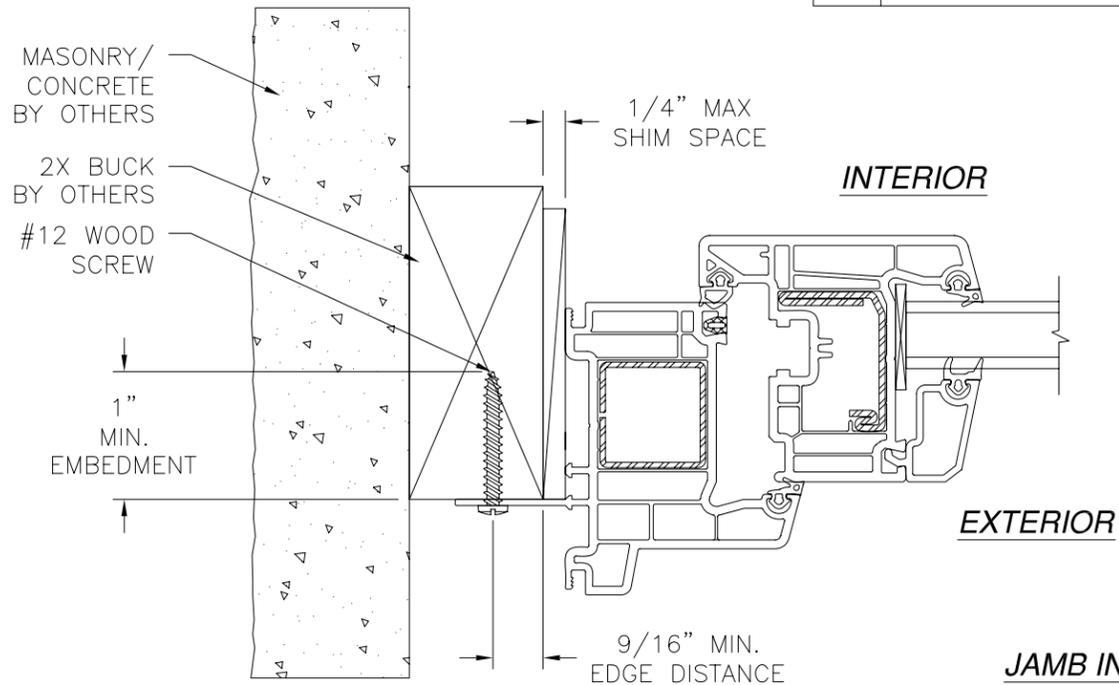
Luis R. Lomas P.E.  
Texas No. 101889

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**EXTERIOR**

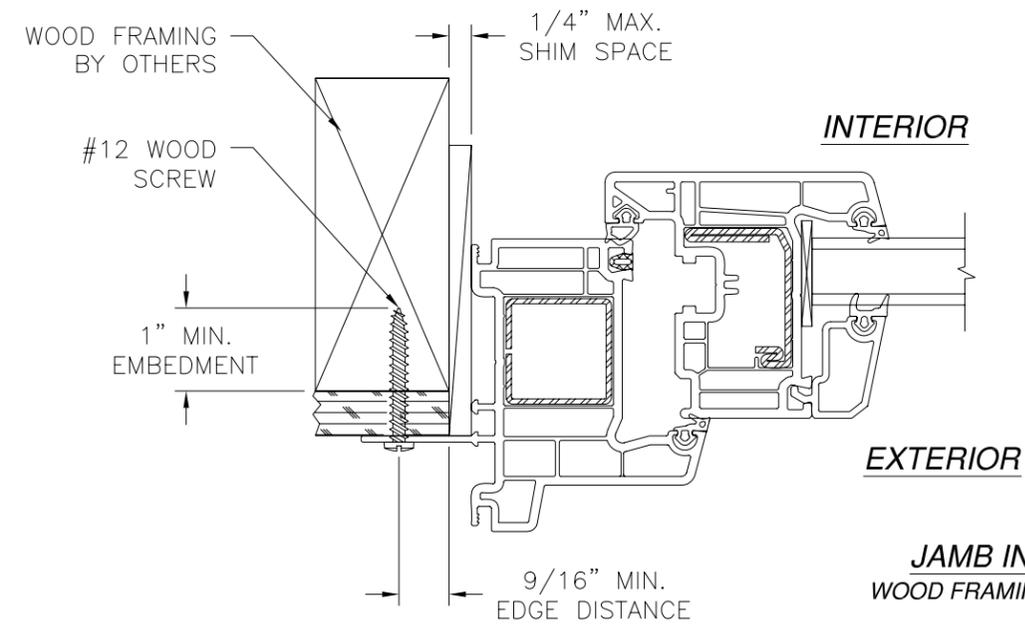
**INTERIOR**



**INTERIOR**

**EXTERIOR**

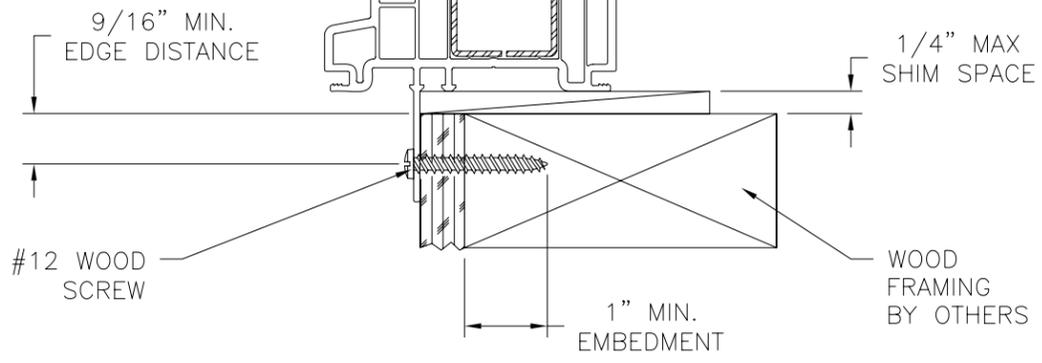
**JAMB INSTALLATION DETAIL  
2X BUCK INSTALLATION**



**INTERIOR**

**EXTERIOR**

**JAMB INSTALLATION DETAIL  
WOOD FRAMING OR 2X BUCK INSTALLATION**



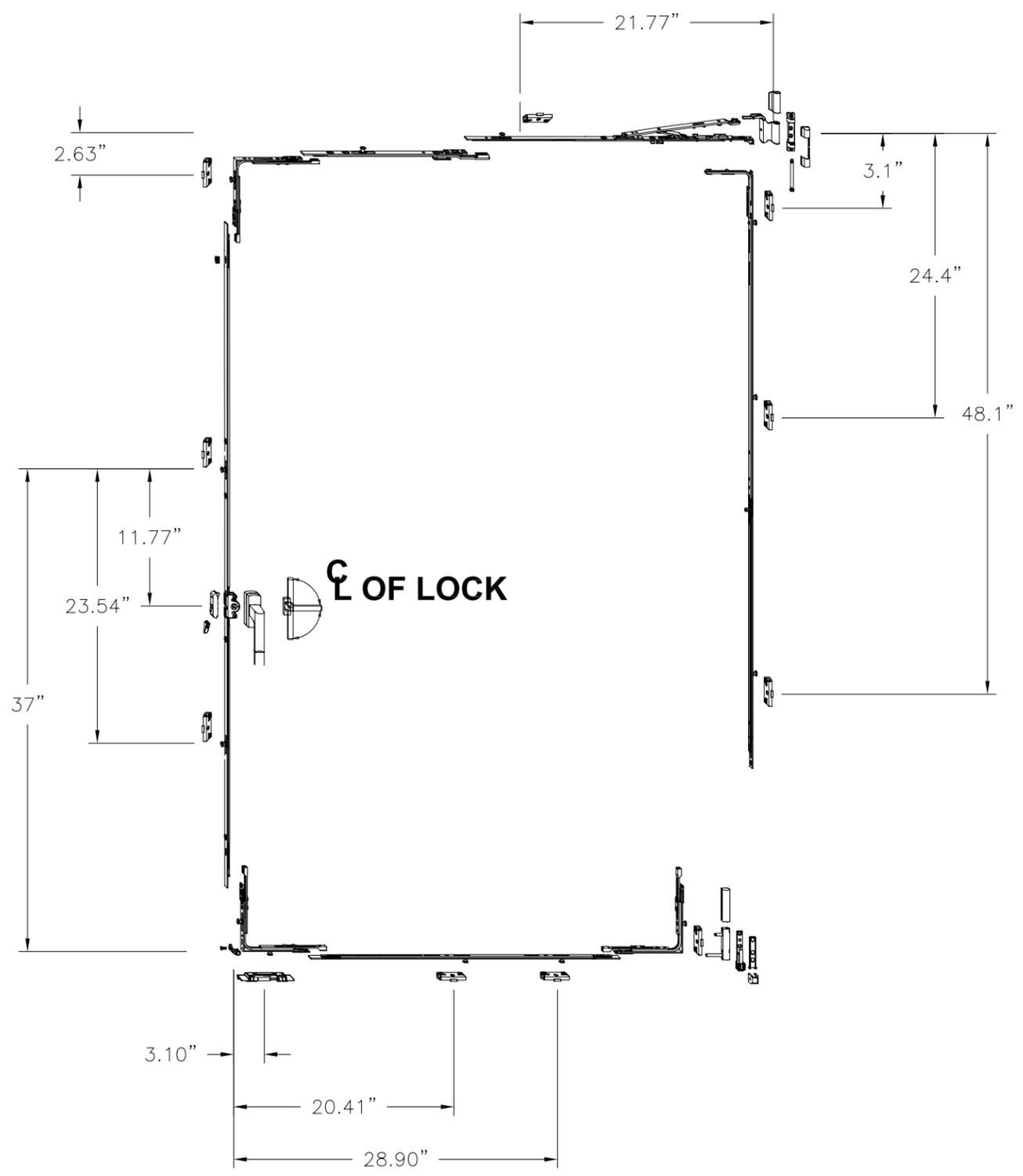
**VERTICAL CROSS SECTION  
WOOD FRAMING OR 2X BUCK INSTALLATION**

**NOTE: INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.**

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DRAWN: V.L.	DWG NO. 08-01312	REV -
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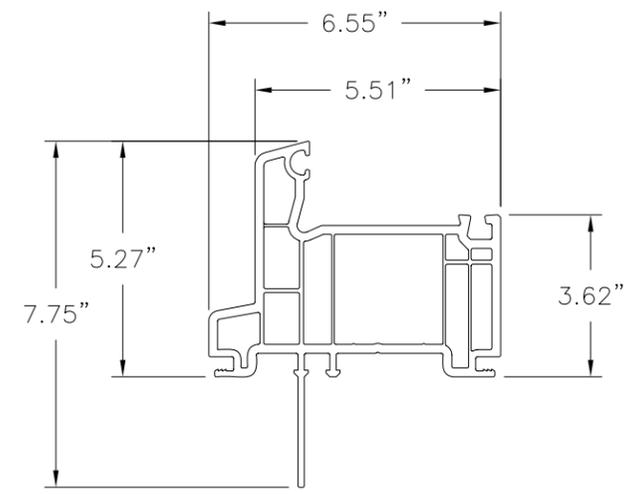


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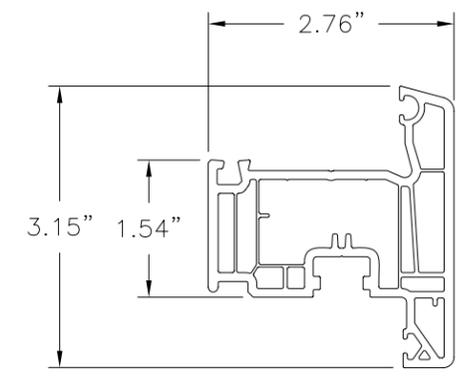


HARDWARE LOCATION

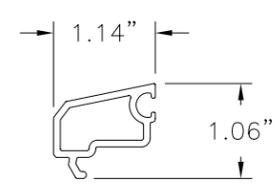
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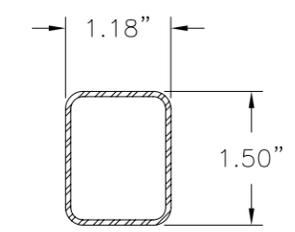
**FRAME**  
RIGID PVC .110" THICK



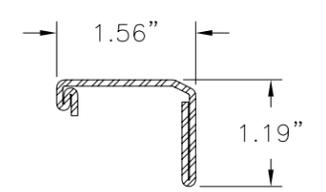
**SASH**  
RIGID PVC .110" THICK



**GLAZING BEAD**  
RIGID PVC .075" THICK



**REINFORCEMENT**  
16GA G90 GALVANIZED STEEL



**REINFORCEMENT**  
15GA G90 GALVANIZED STEEL

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