

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

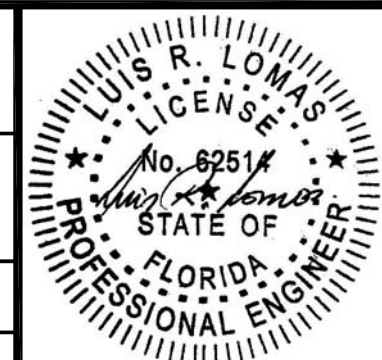
NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
6. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: CELLULAR PVC.
12. PANEL SKIN MATERIAL: SMC FIBERGLASS .075" THICK.
13. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 2 FOR GLASS DETAILS.
14. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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
  - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
  - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
  - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .060" THICK MINIMUM
20. APPROVED CONFIGURATIONS: O/XO, OX/O, OX, XO.

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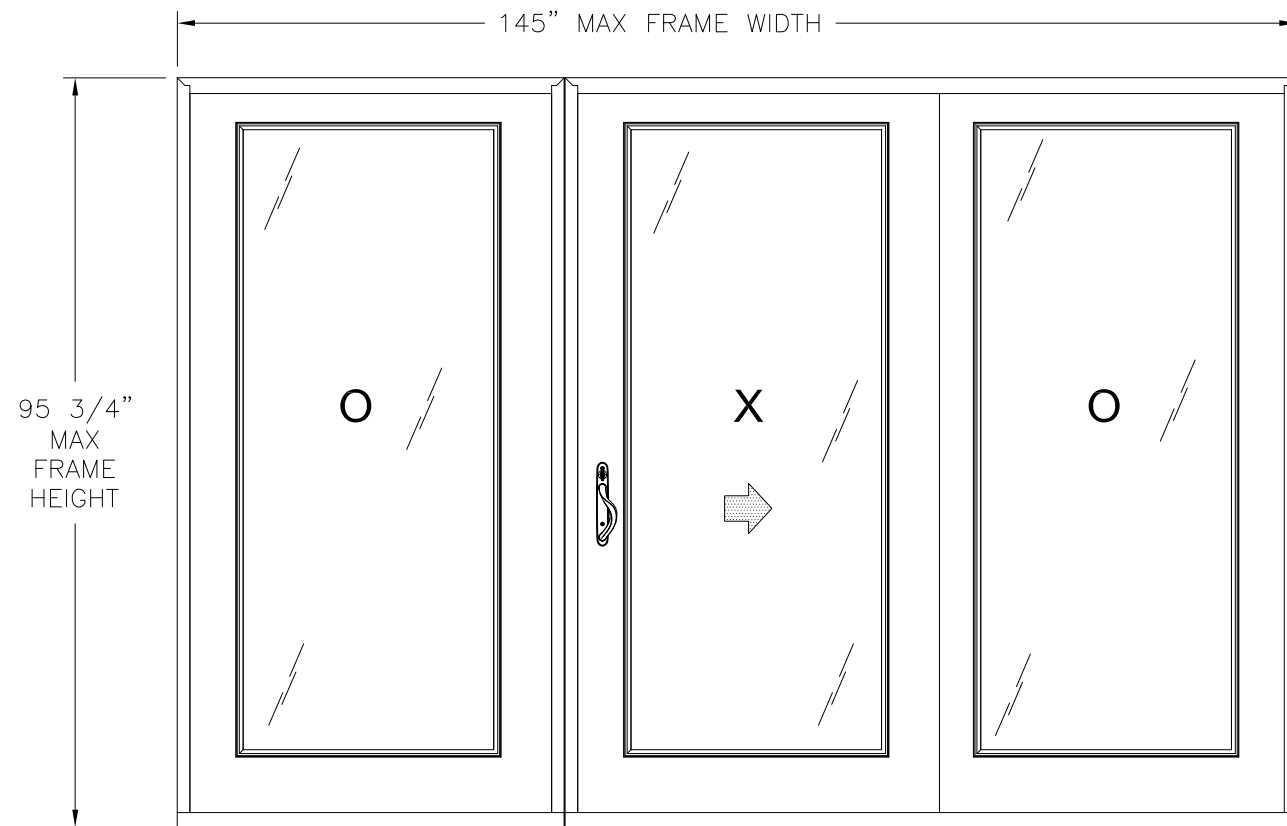
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NAN YA PLASTICS CORP. USA 8909 NORTH LOOP EAST, SUITE 800 HOUSTON, TX 77029		
DISTINCTION GLIDING FRENCH DOOR IMPACT HVHZ NOTES		
DRAWN: V.L.	DWG NO. 08-02989	REV -
SCALE NTS	DATE 11/02/16	SHEET 1 OF 7
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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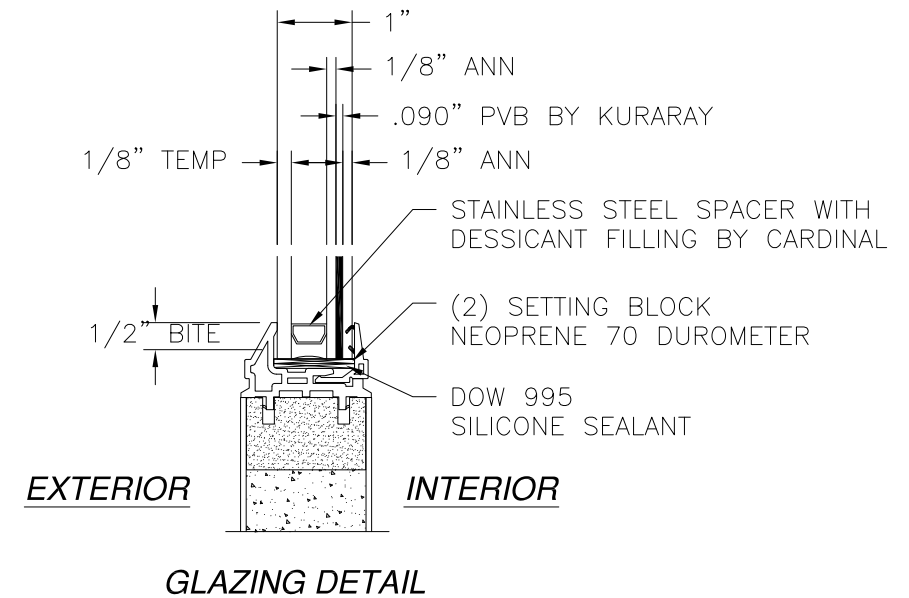
**DISTINCTION GLIDING FRENCH DOOR**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

- NOTES:  
 1. MAXIMUM PANEL SIZE: 48" X 92 1/2"  
 2. MAXIMUM D.L.O.: 37" X 83"

HARDWARE SCHEDULE	
A.	(1) STEEL SINGLE POINT LOCK (SS730) LOCATED 41" FROM BOTTOM OF PANEL
B.	(1) CAST ZINC KEEPER LOCATED 40 3/4" FROM ROLLER TRACK
C.	(2) STAINLESS STEEL TANDEM ADJUSTABLE ROLLERS (SS734) LOCATED 4 3/8" & 43 1/2" FROM EDGE OF LOCK STILE
D.	(1) CAST ZINC PIVOTING DEVICE CENTERED 23 3/4" FROM JAMB
E.	1/8"X1 1/4" STEEL FLAT REINFORCEMENT LAMINATED INTO STILES 3 1/4" FROM EACH EDGE



**GLAZING DETAIL**

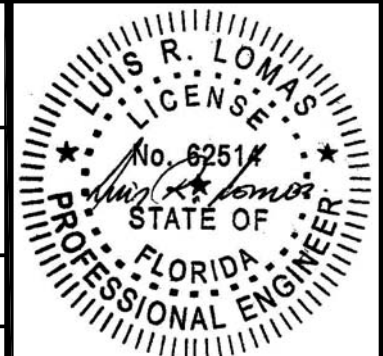
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DISTINCTION GLIDING FRENCH DOOR  
 IMPACT HVHZ  
 ELEVATION & GLAZING DETAIL

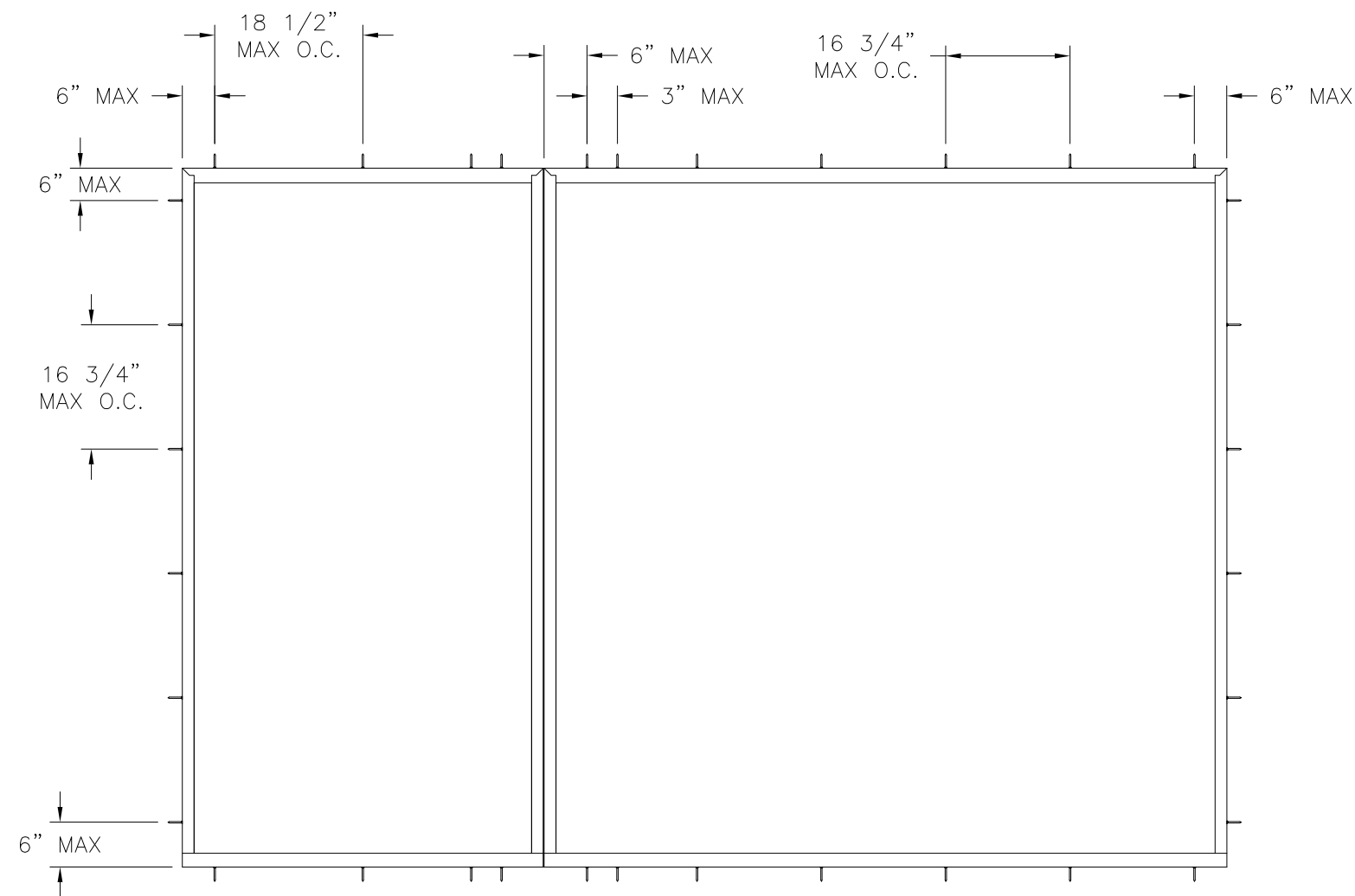
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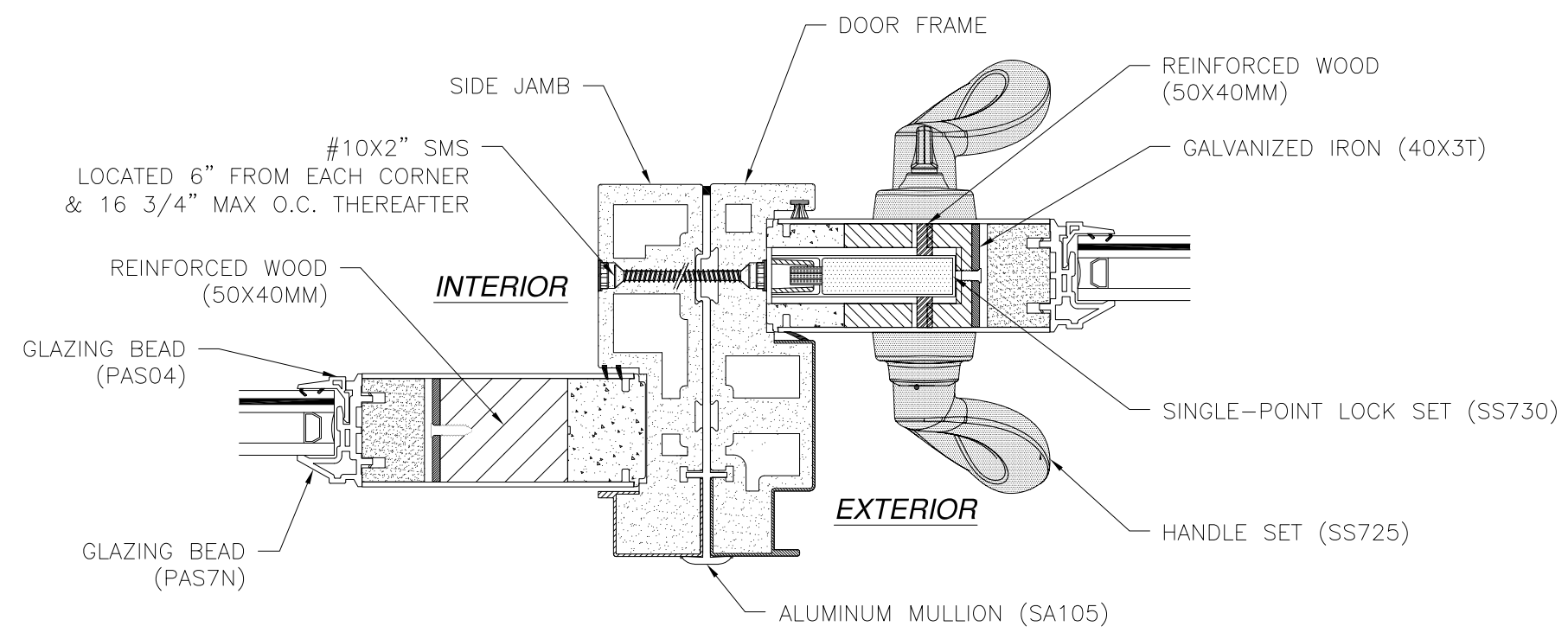


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**ANCHORING LAYOUT**



**MULLION DETAIL**

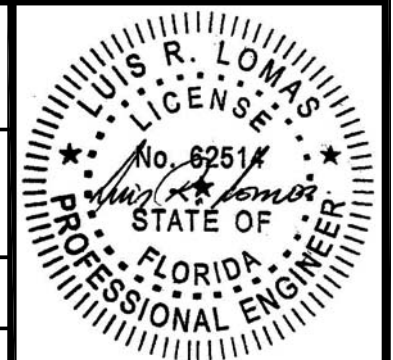
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DISTINCTION GLIDING FRENCH DOOR  
 IMPACT HVHZ  
 ANCHORING LAYOUT & MULLION DETAIL

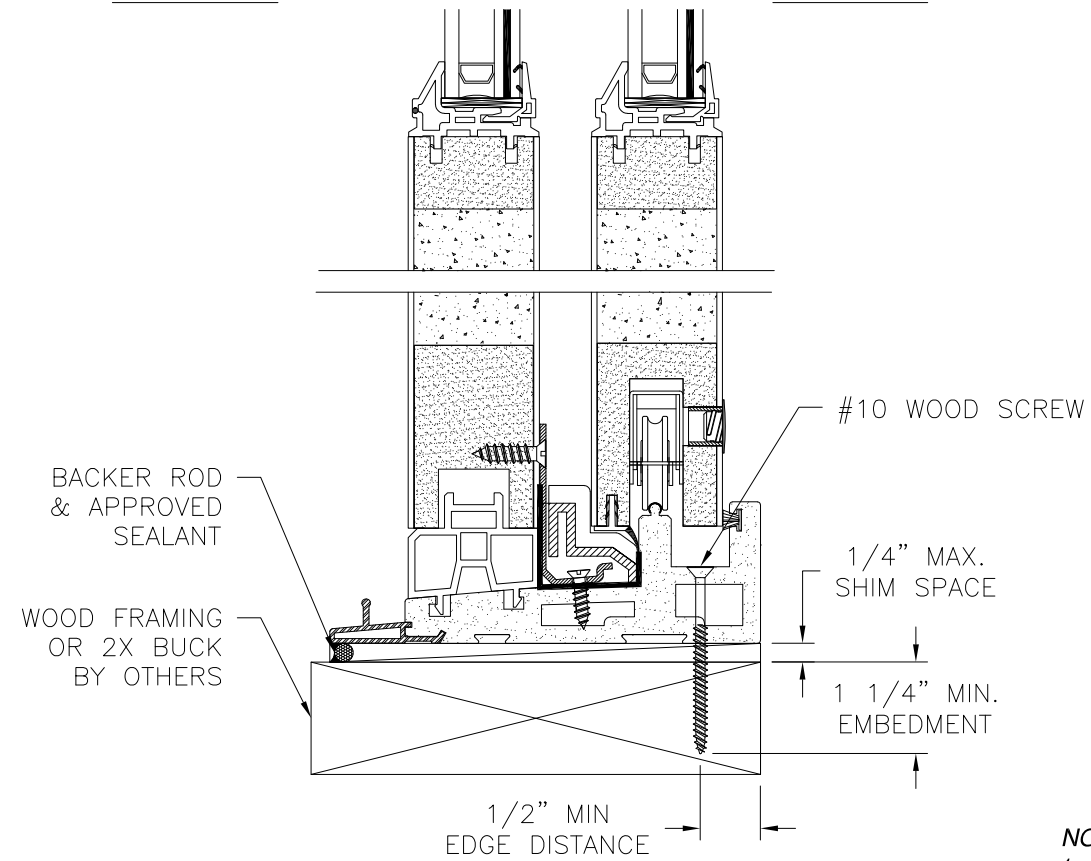
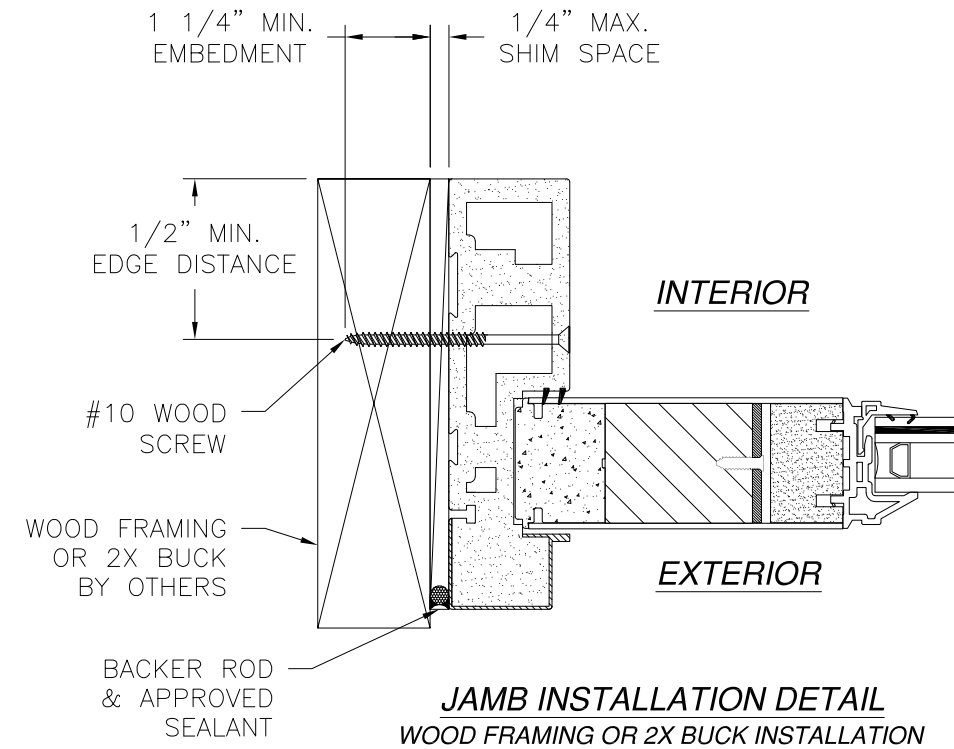
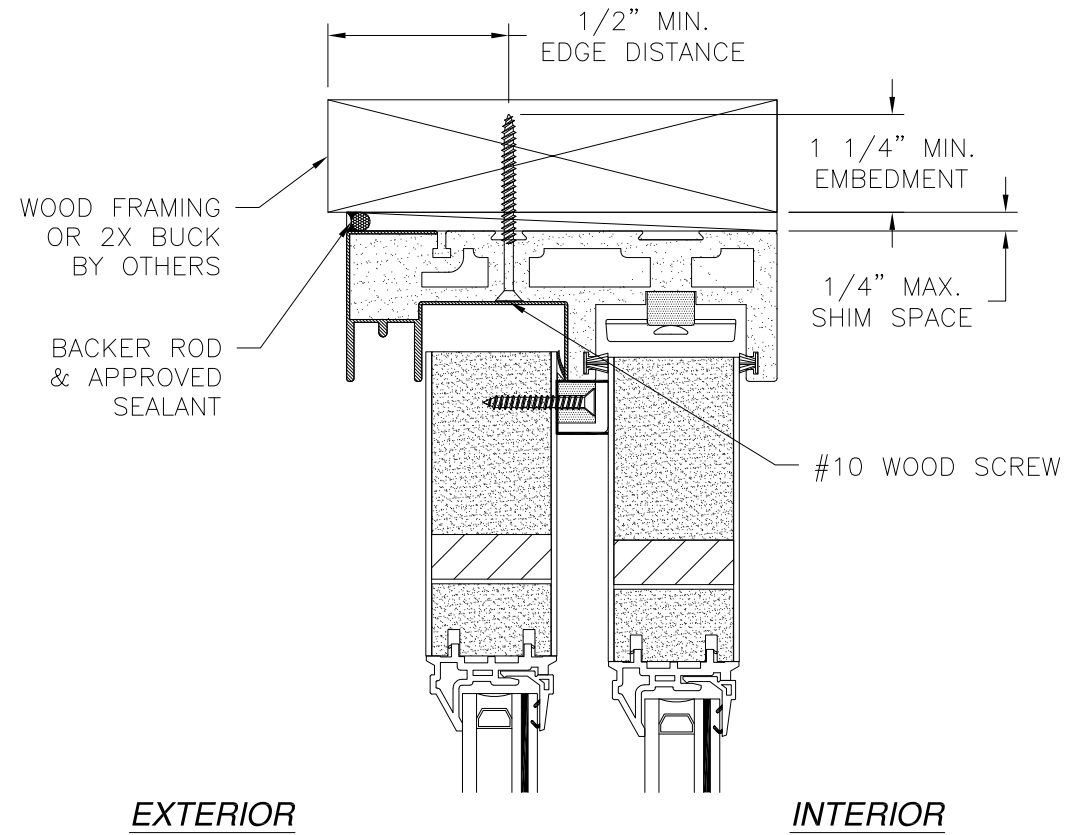
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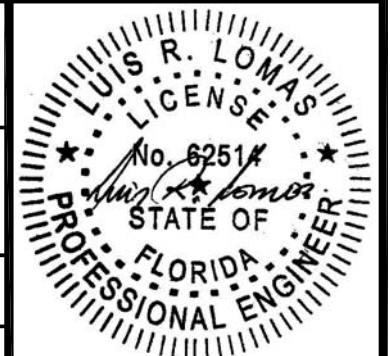


**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
  2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

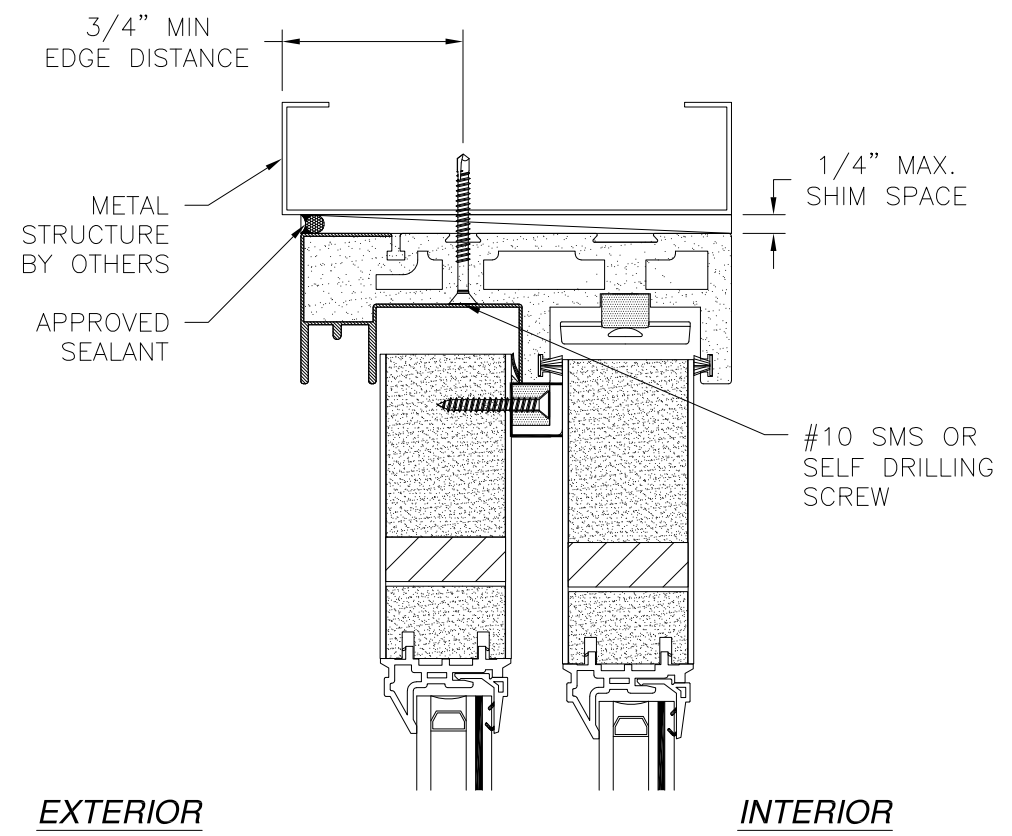
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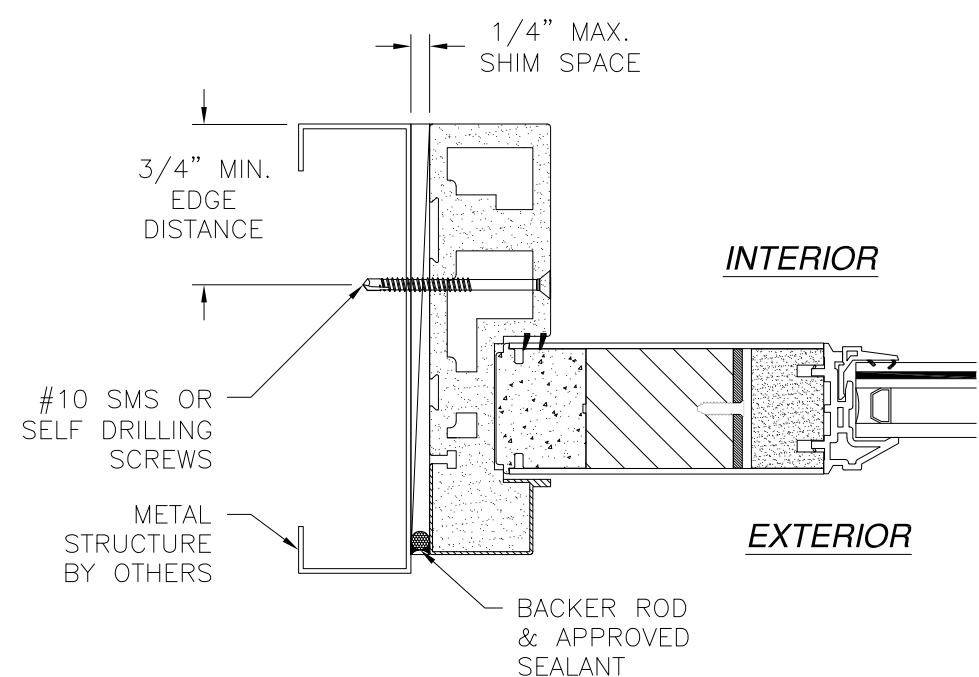


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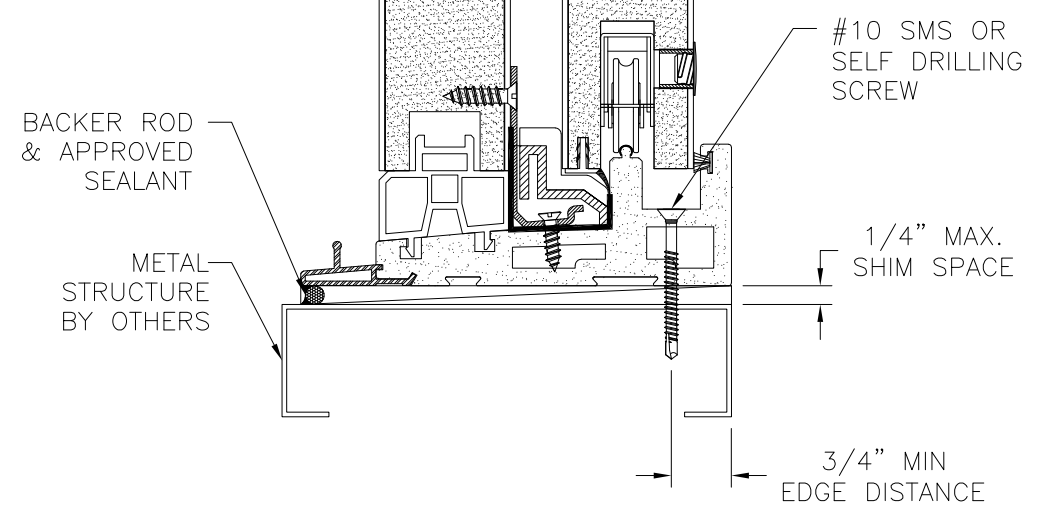
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**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



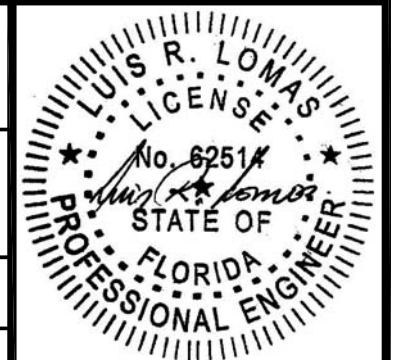
**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION



- NOTES:**
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  2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

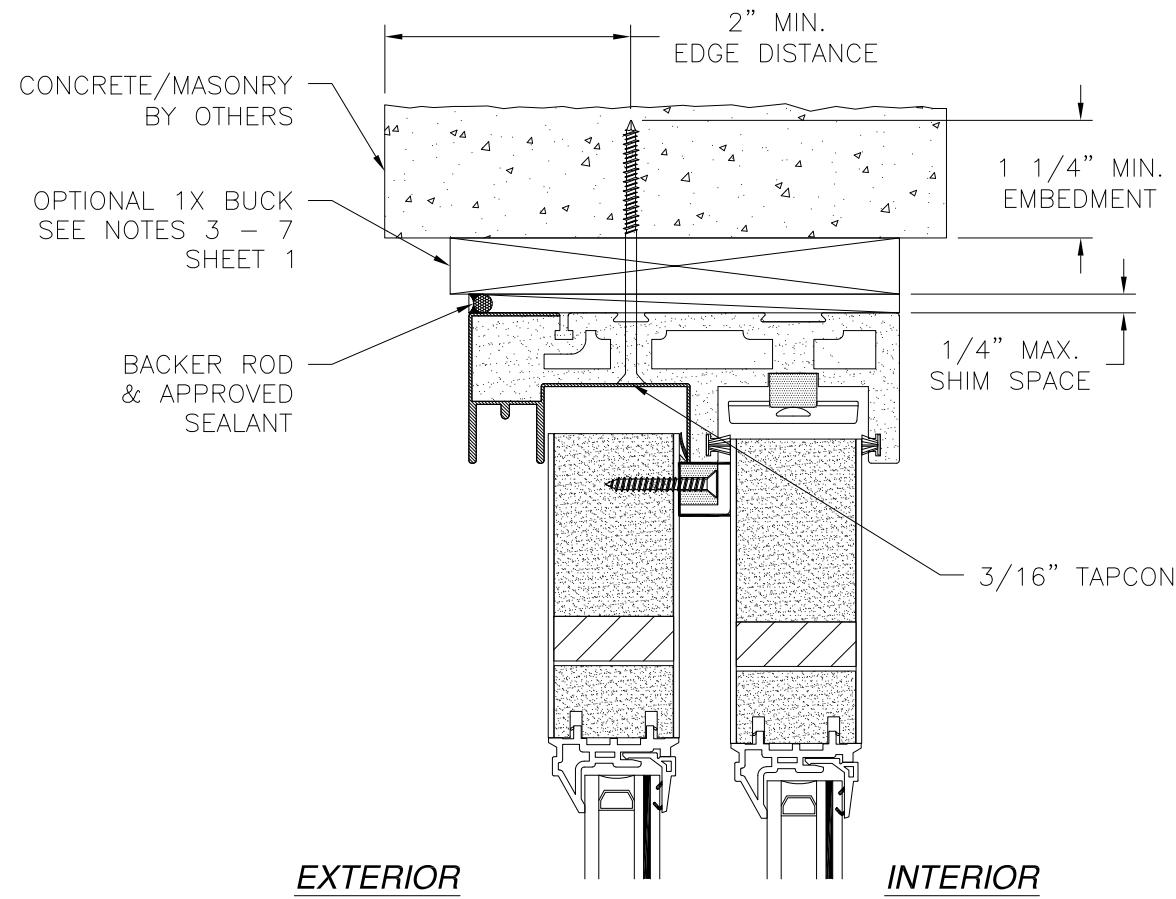
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<p>DISTINCTION GLIDING FRENCH DOOR IMPACT HVHZ INSTALLATION DETAILS</p>		
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<p>SCALE NTS</p>	<p>DATE 11/02/16</p>	<p>SHEET 5 OF 7</p>
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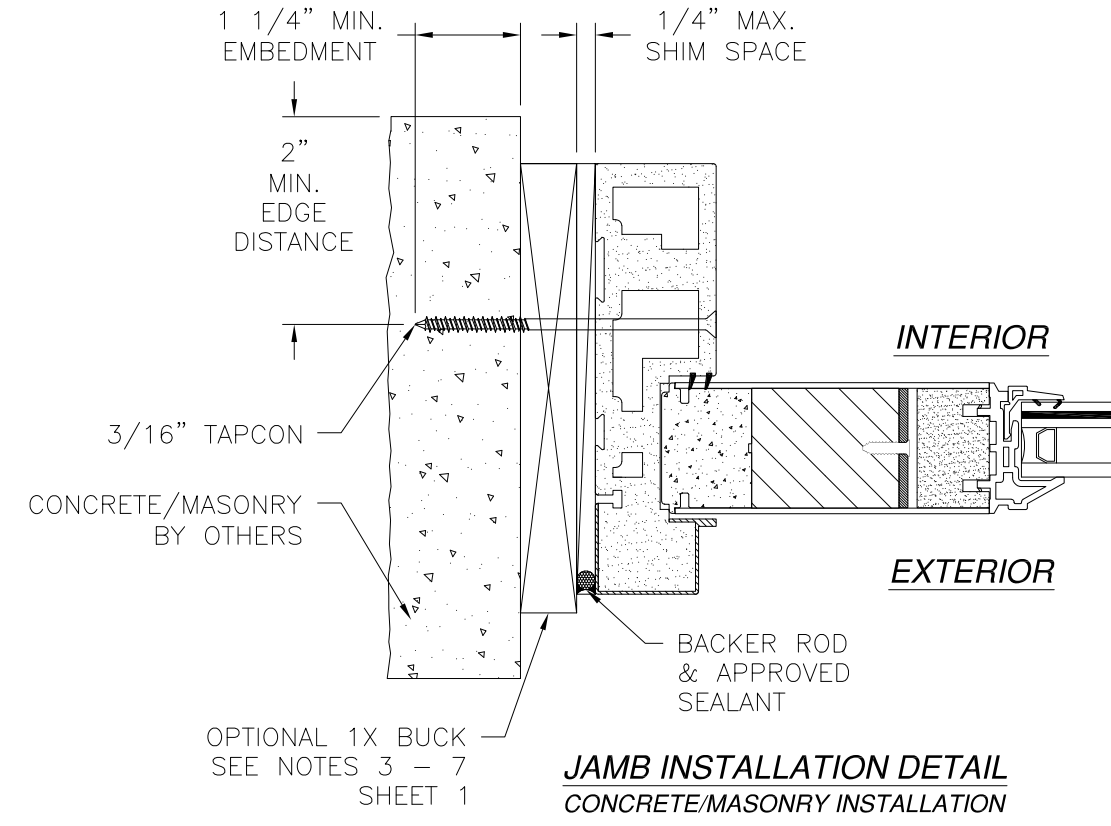


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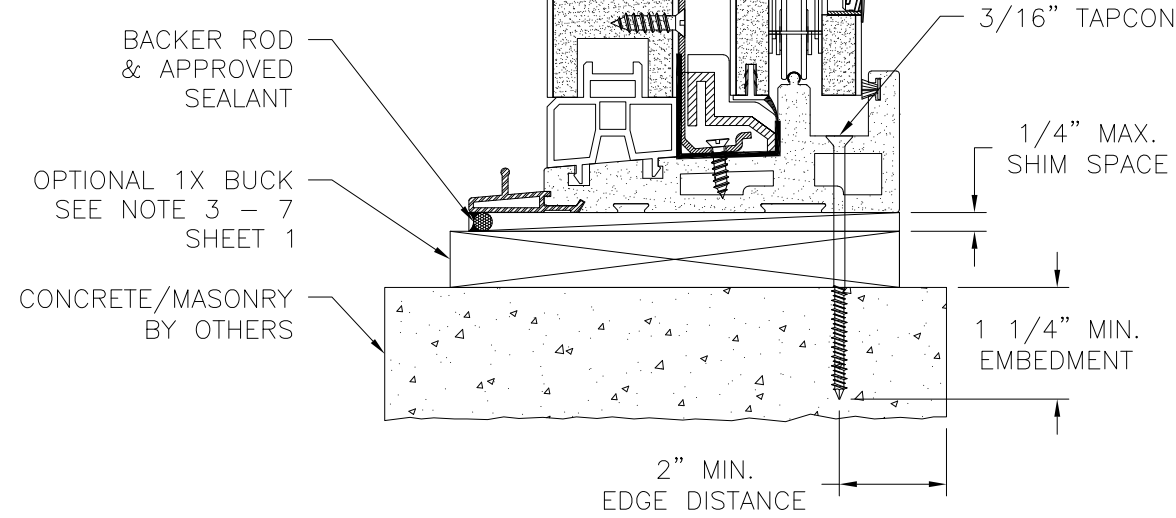
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**EXTERIOR**                      **INTERIOR**



**JAMB INSTALLATION DETAIL**  
CONCRETE/MASONRY INSTALLATION



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION

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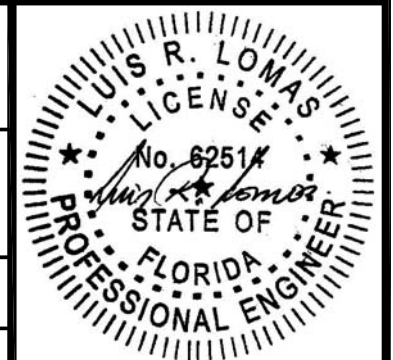
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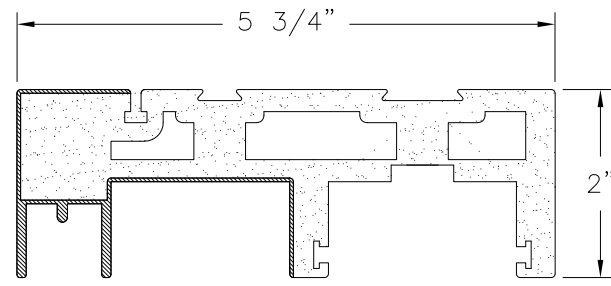
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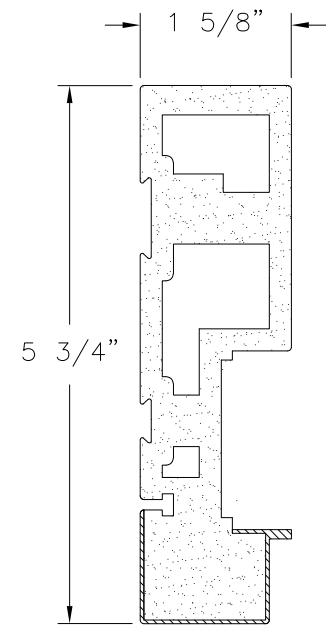


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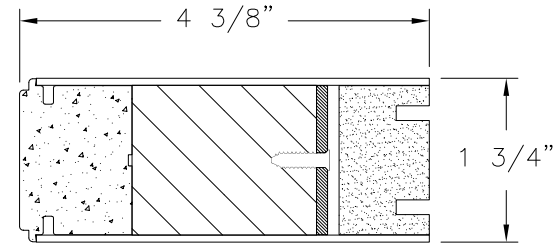
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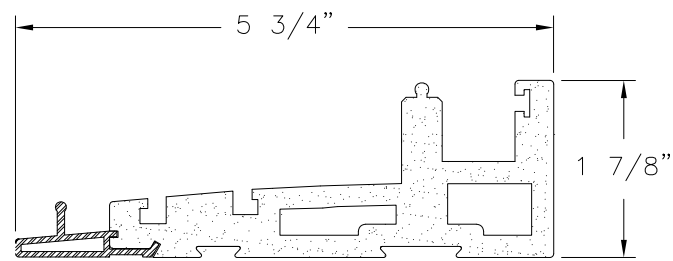
**FRAME HEAD**  
PS711, COMPOSITE FOAM



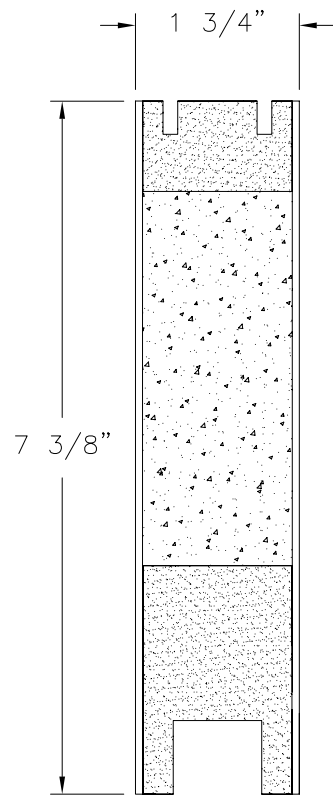
**SIDE JAMB**  
PS715, COMPOSITE FOAM



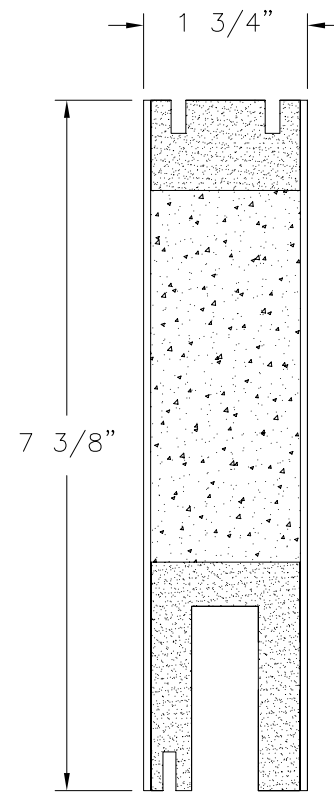
**STILE**  
PU FOAM AND WOOD



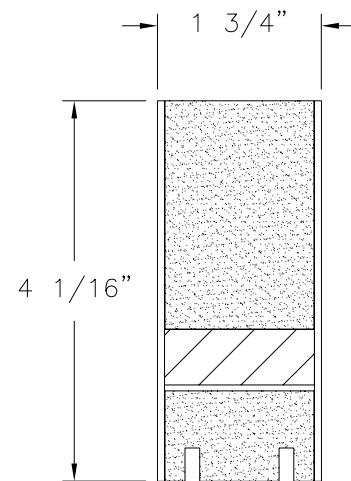
**SILL**  
PS713, COMPOSITE FOAM & ALUMINUM



**FIXED PANEL BOTTOM RAIL**  
PU FOAM AND WOOD



**OPERABLE PANEL BOTTOM RAIL**  
PU FOAM AND WOOD



**OPERABLE AND FIXED PANEL TOP RAIL**  
PU FOAM AND WOOD

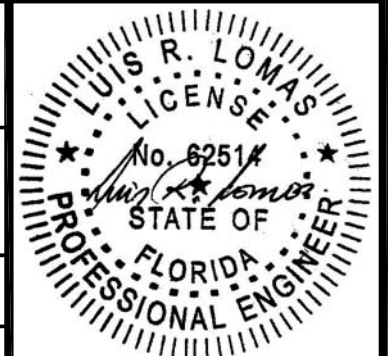
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