

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED TO CURRENT FBC	9/12/2025	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR FIN INSTALLATION 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.

15. FOR FRAME ANCHORING 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 FRAME ANCHORING INTO MASONRY/CONCRETE USE 3/16” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1–1/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2–1/2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR FRAME ANCHORING 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 3,192 PSI.

C. MASONRY – STRENGTH CONFORMANCE TO ASTM C–90, GRADE N, TYPE 1 (OR GREATER).

D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063–T5 1/8” THICK MINIMUM

SIGNED: 04/07/2026

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Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE
FORT MYERS, FLORIDA 33912
800-432-2204

SERIES 176 VINYL SINGLE HUNG WINDOW
NON-IMPACT – 54”x77”
NOTES

DRAWN:
V.L.

DWG NO.
08-03044

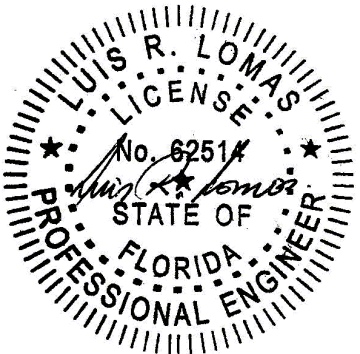
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SCALE NTS

DATE 02/06/17

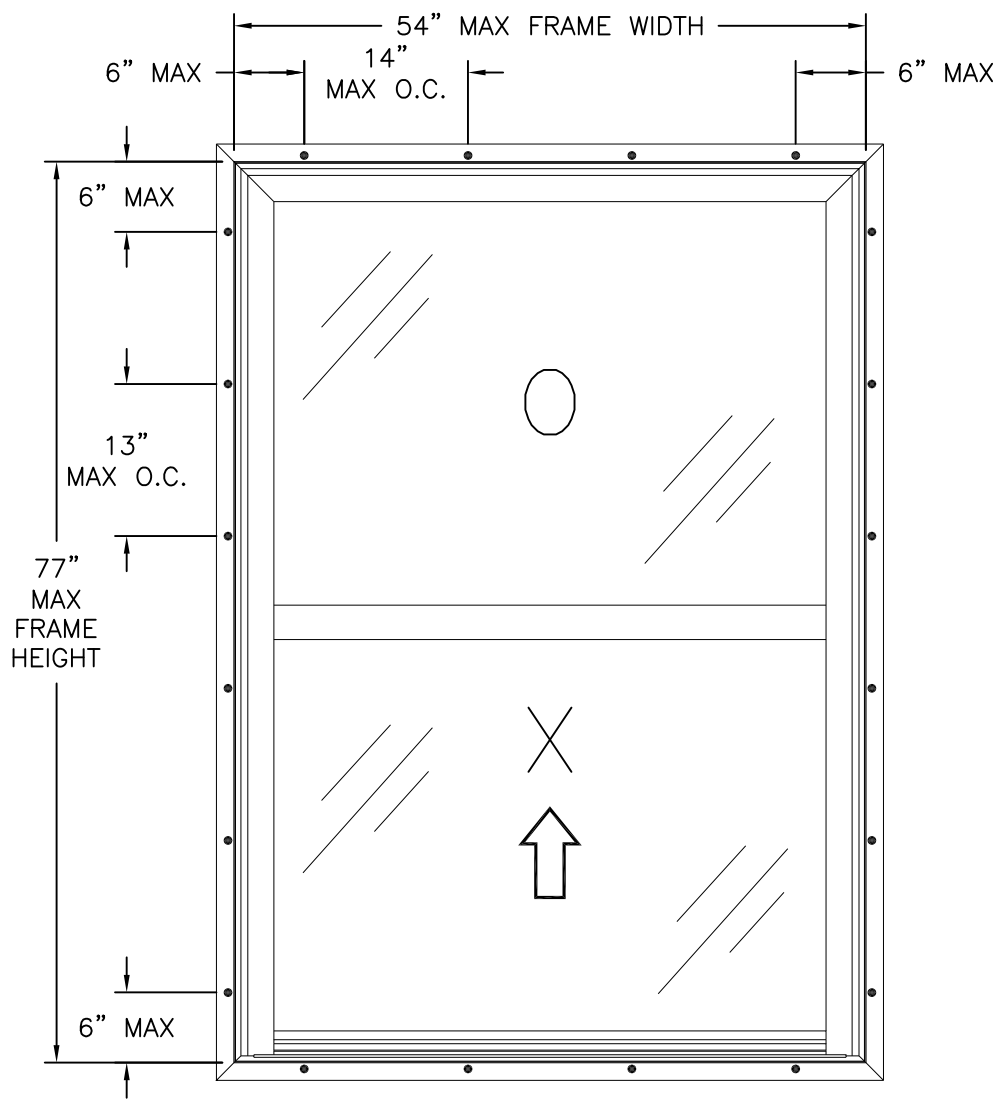
SHEET 1 OF 6

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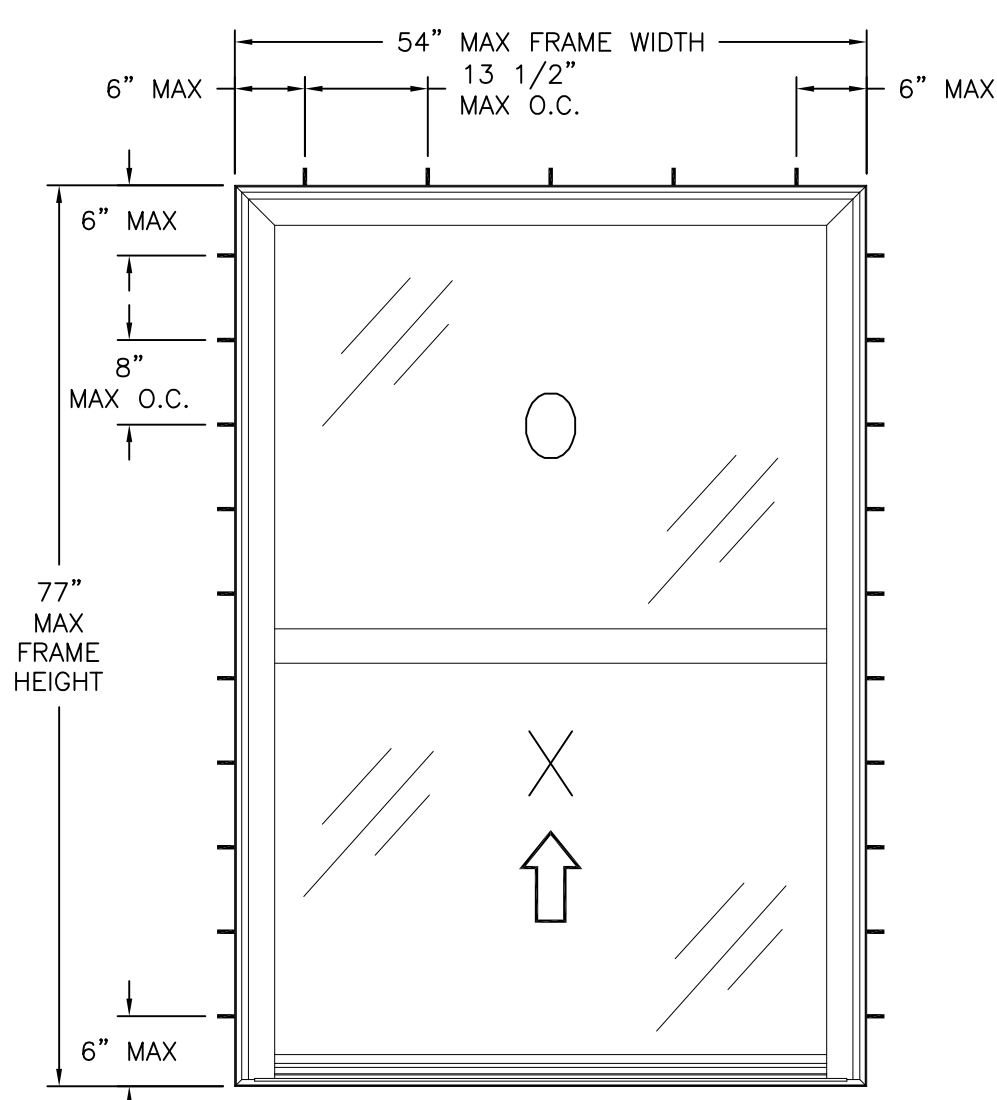


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SERIES 176 SH VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION



SERIES 176 SH VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
THROUGH FRAME INSTALLATION

- NOTES:
1. MAXIMUM SASH SIZE: 50-3/8" X 37-3/4".
 2. MAXIMUM D.L.O.: 49-1/8" X 34-3/4".

DESIGN PRESSURE RATING	IMPACT RATING
+70.0/-85.0PSF	NONE

HARDWARE SCHEDULE	
A.	(4) ASHLAND DUAL LOCKS WITH KEEPERS (D2100AL/R) AT MEETING RAIL 8 1/4" FROM EACH JAMB
B.	(2) CALDWELL COIL BALANCE SYSTEM (880) ONE AT EACH JAMB
C.	(2) CALDWELL TILT LATCH (20F00041) 1 1/2" FROM EACH SASH TOP RAIL CORNER
D.	(2) CALDWELL PIVOT BAR (16Y513) ONE AT EACH END OF OPERABLE SASH BOTTOM RAIL
E.	ALUMINUM REINFORCEMENT (10300265-SH) IN FIXED MEETING RAIL
F.	ALUMINUM REINFORCEMENT (10300266-SH) AT SASH RAILS AND STILES

FL 22203



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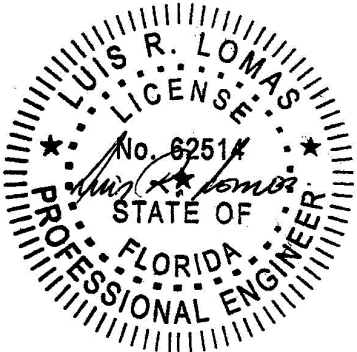
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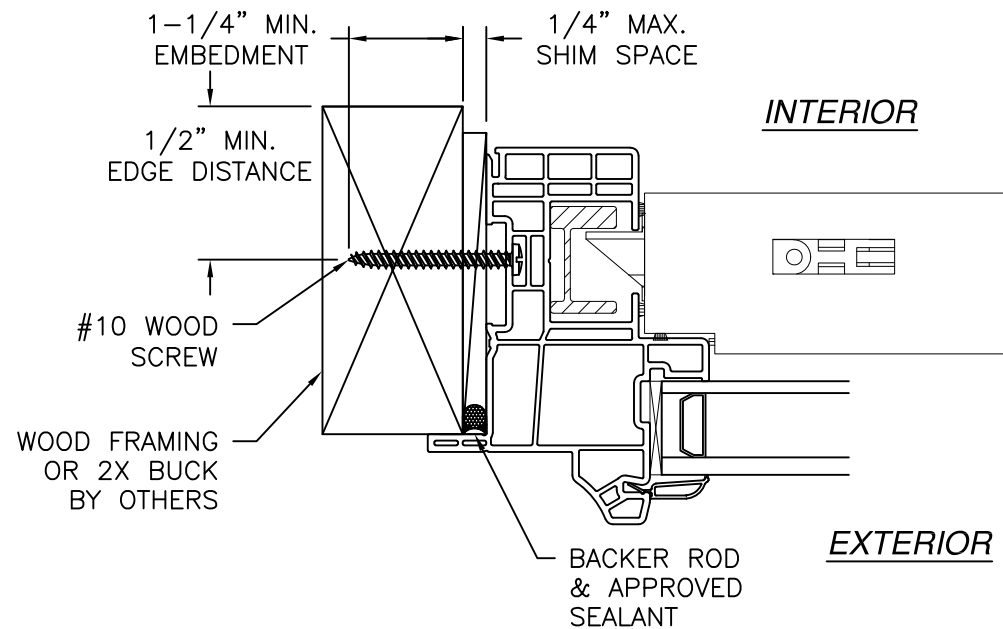
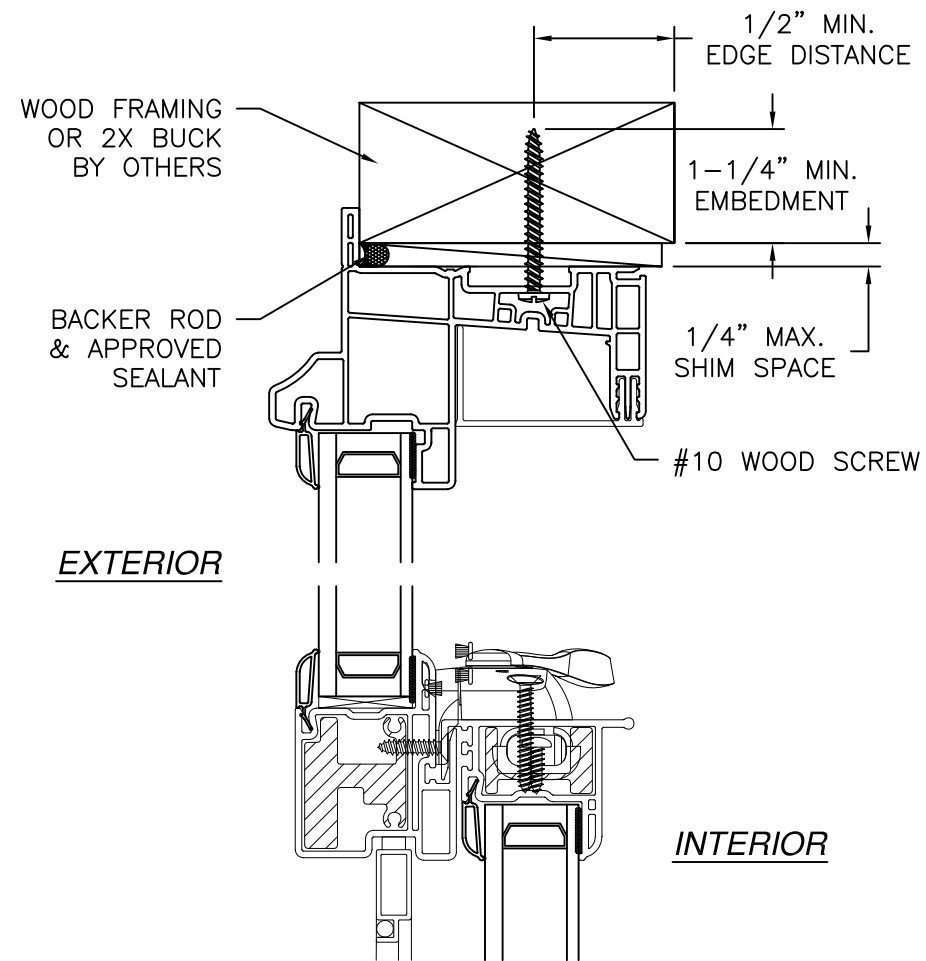
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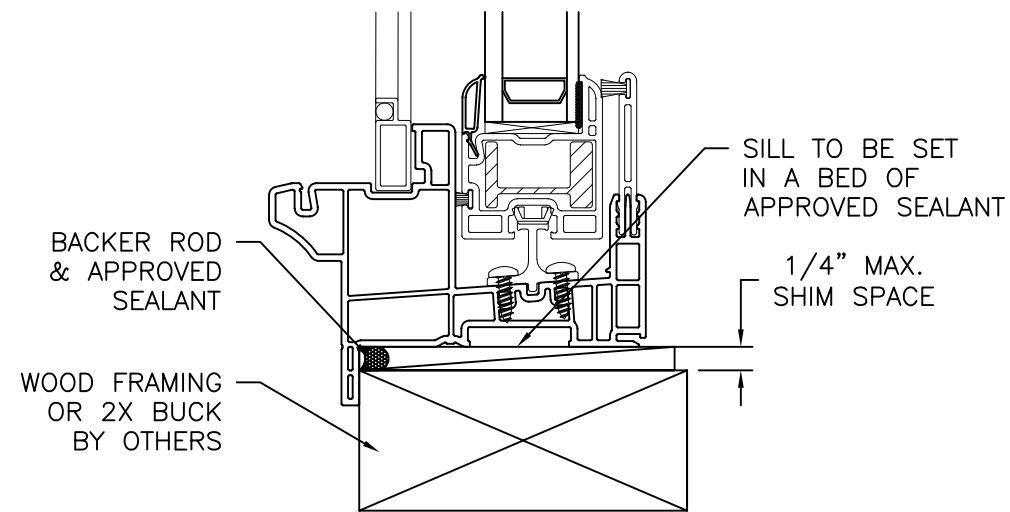


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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



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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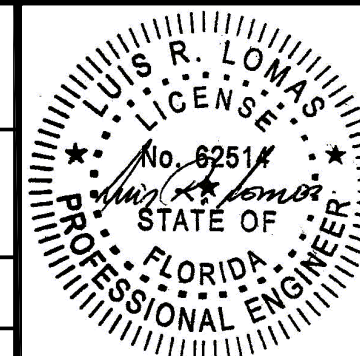
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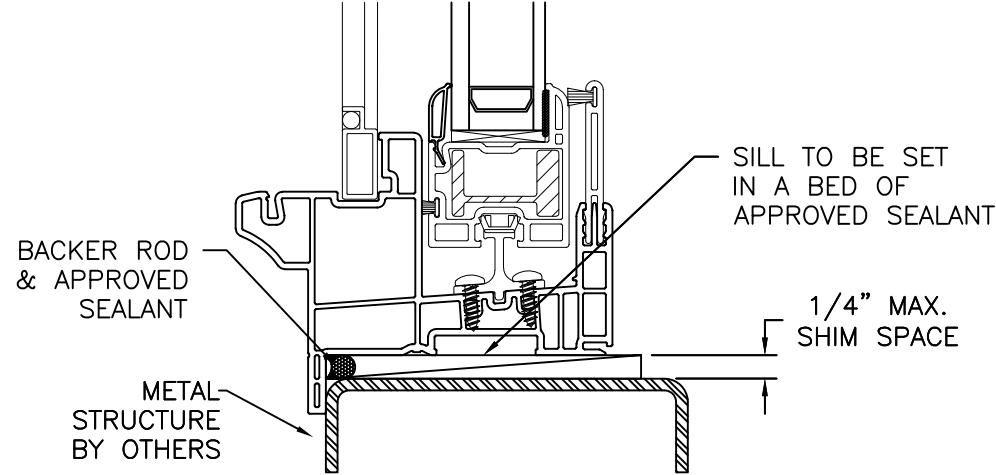
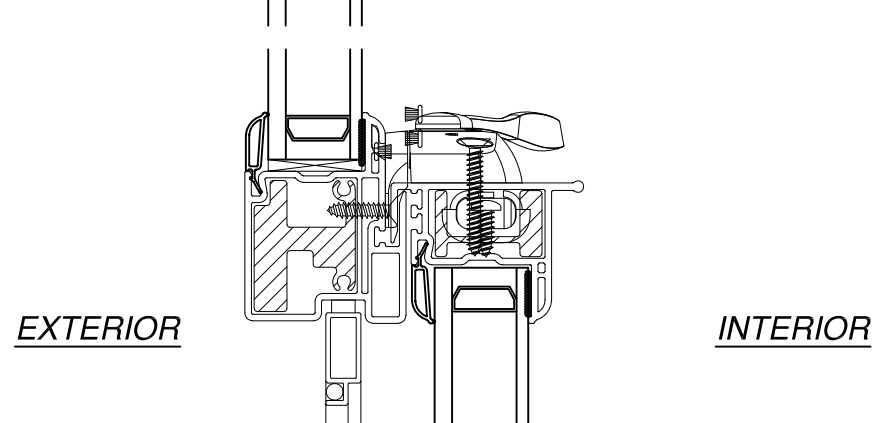
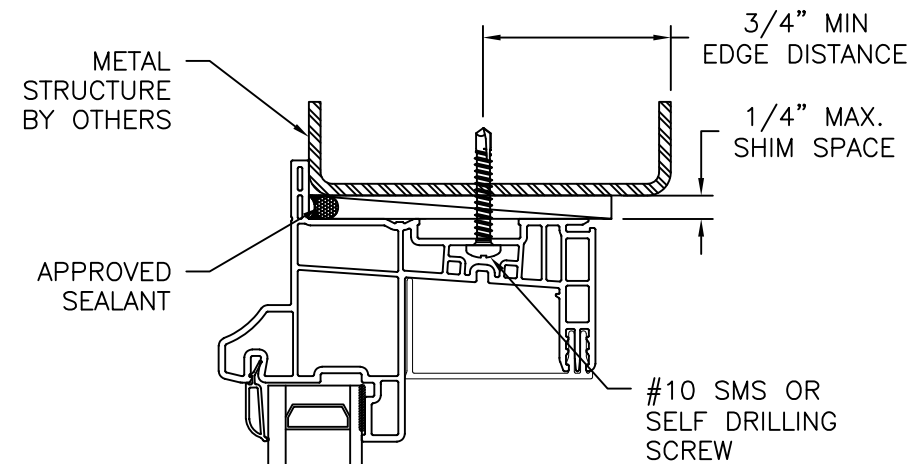
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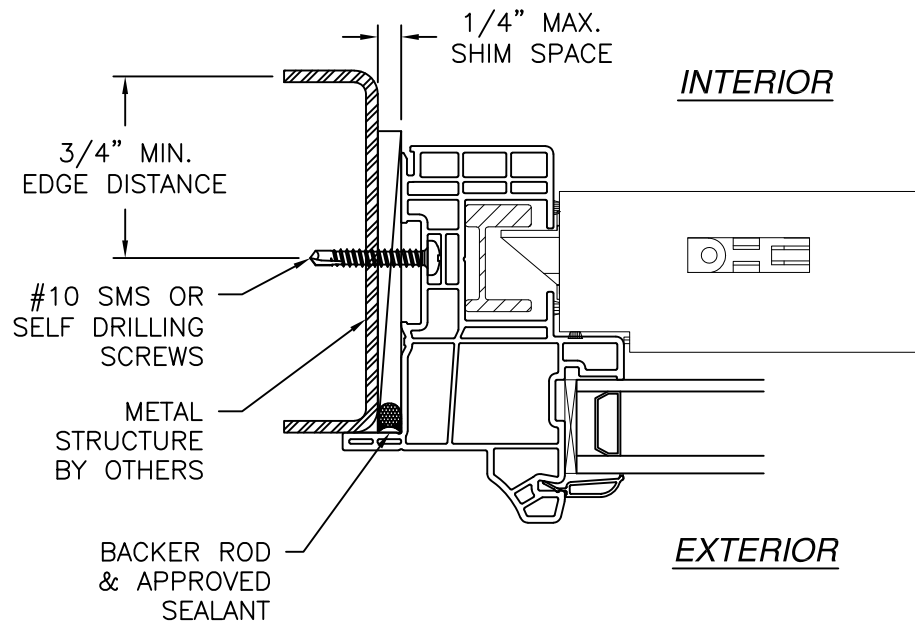
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



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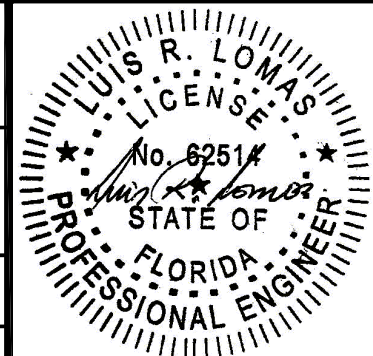
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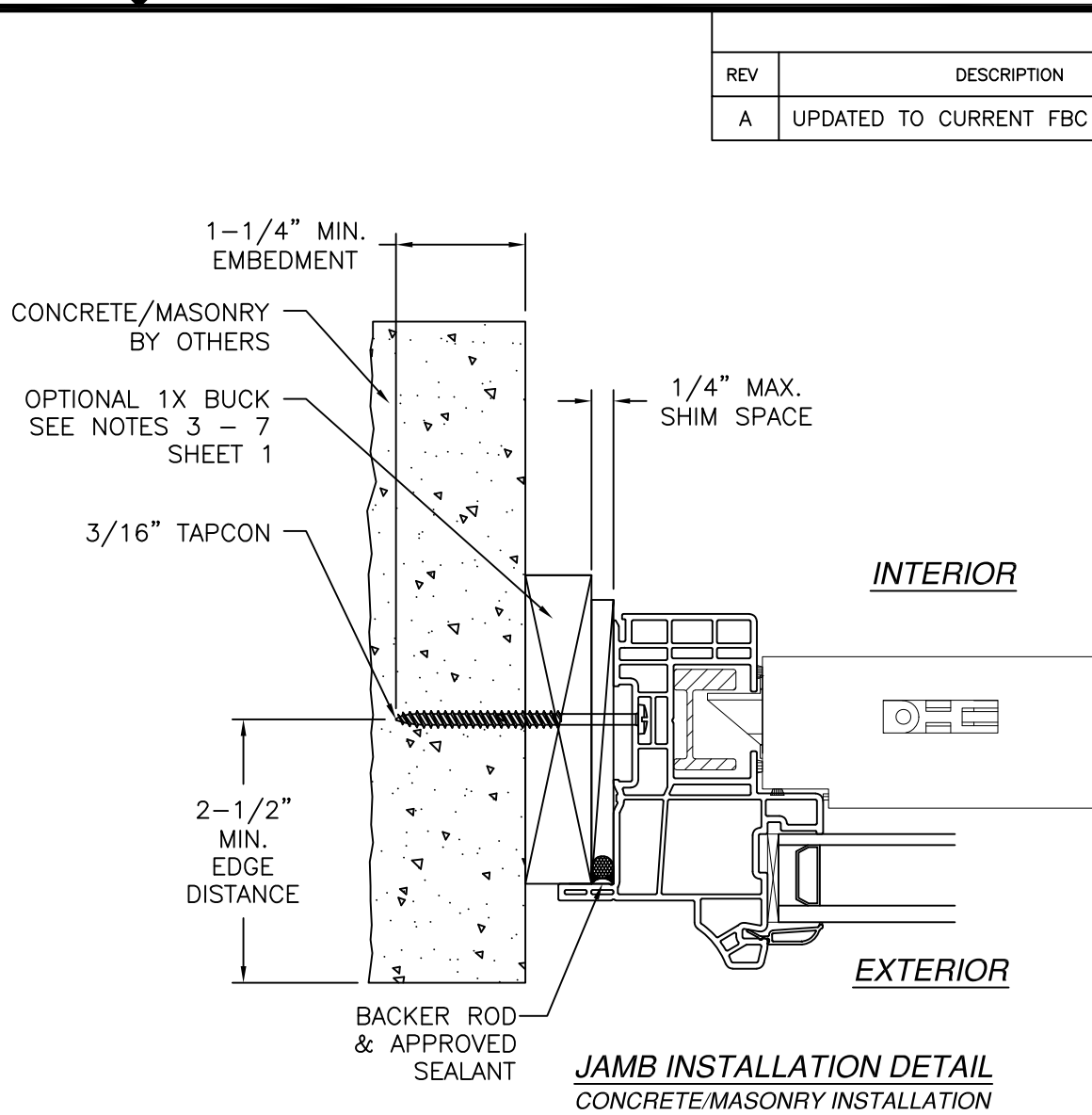
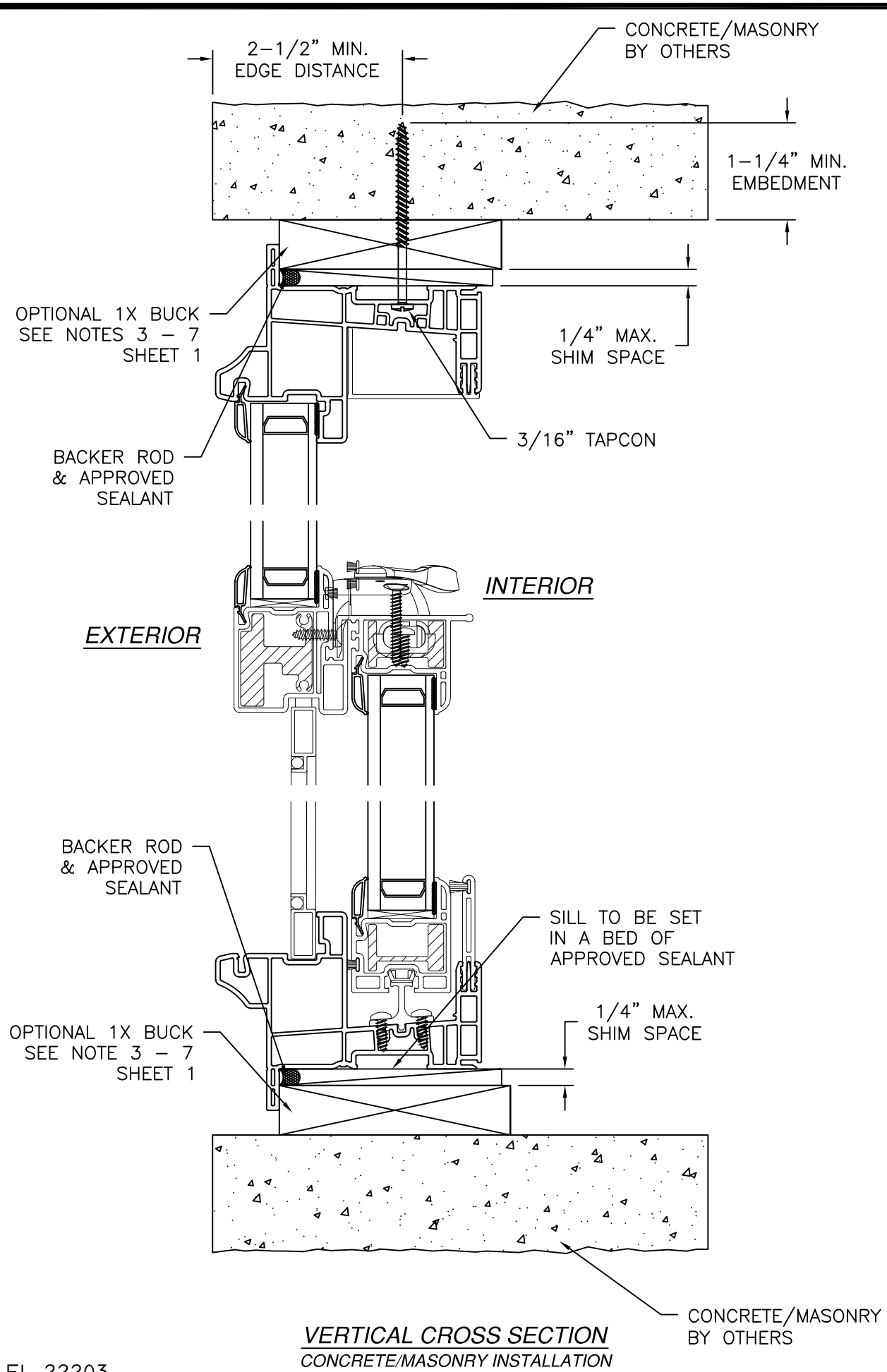
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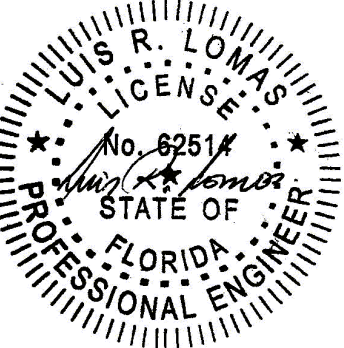
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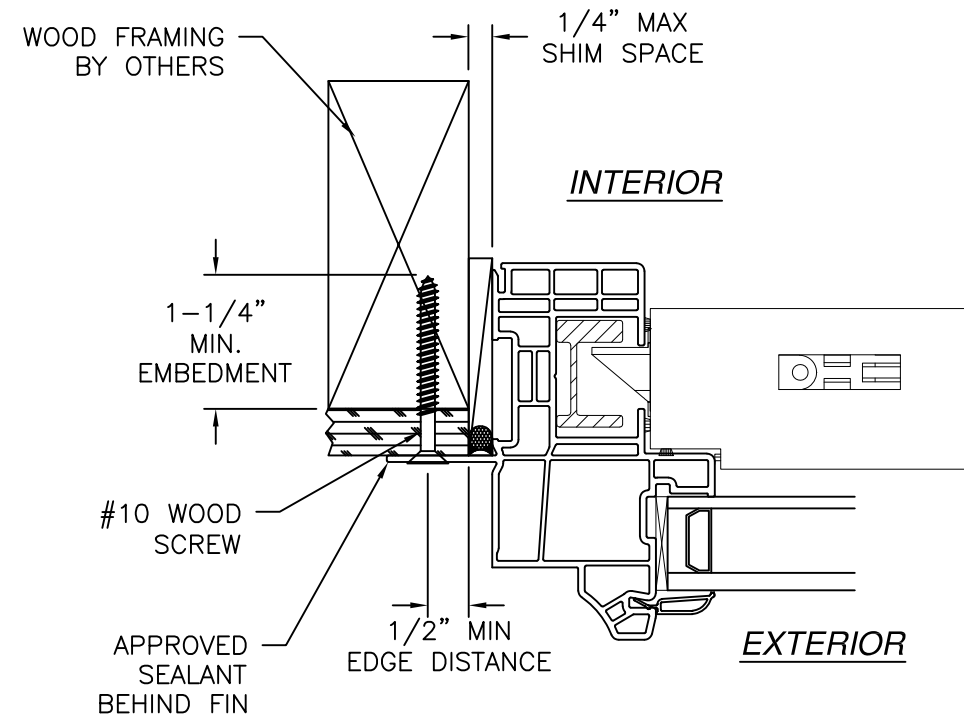
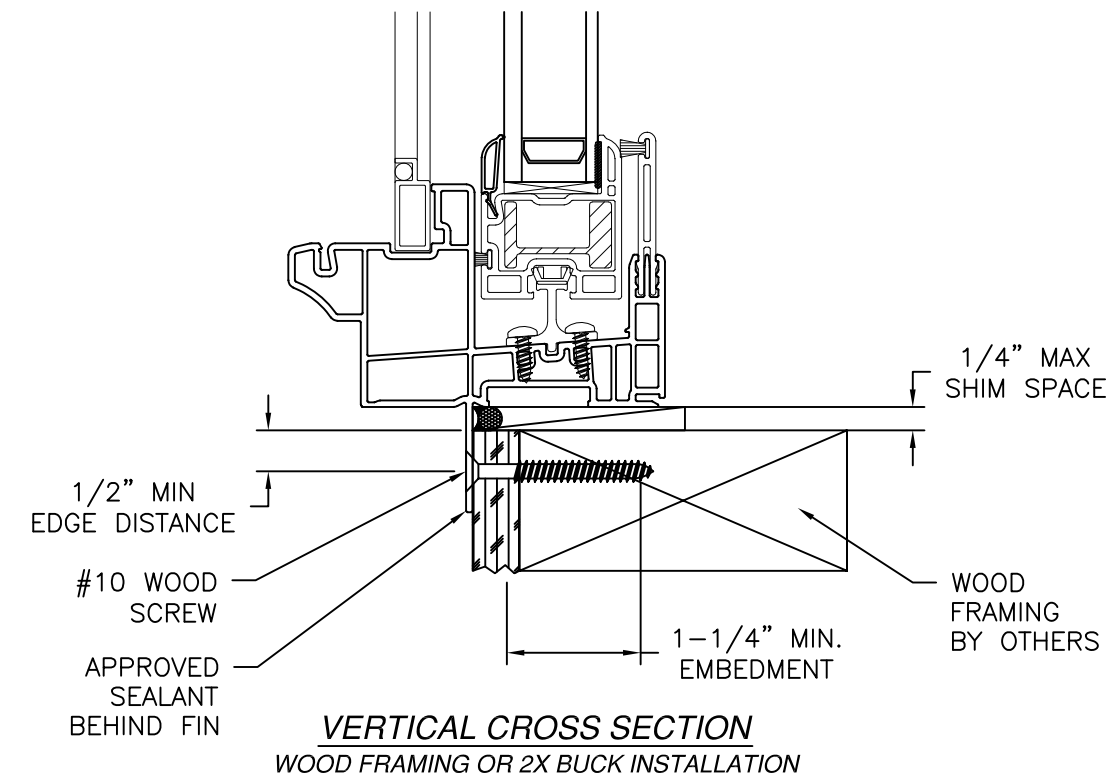
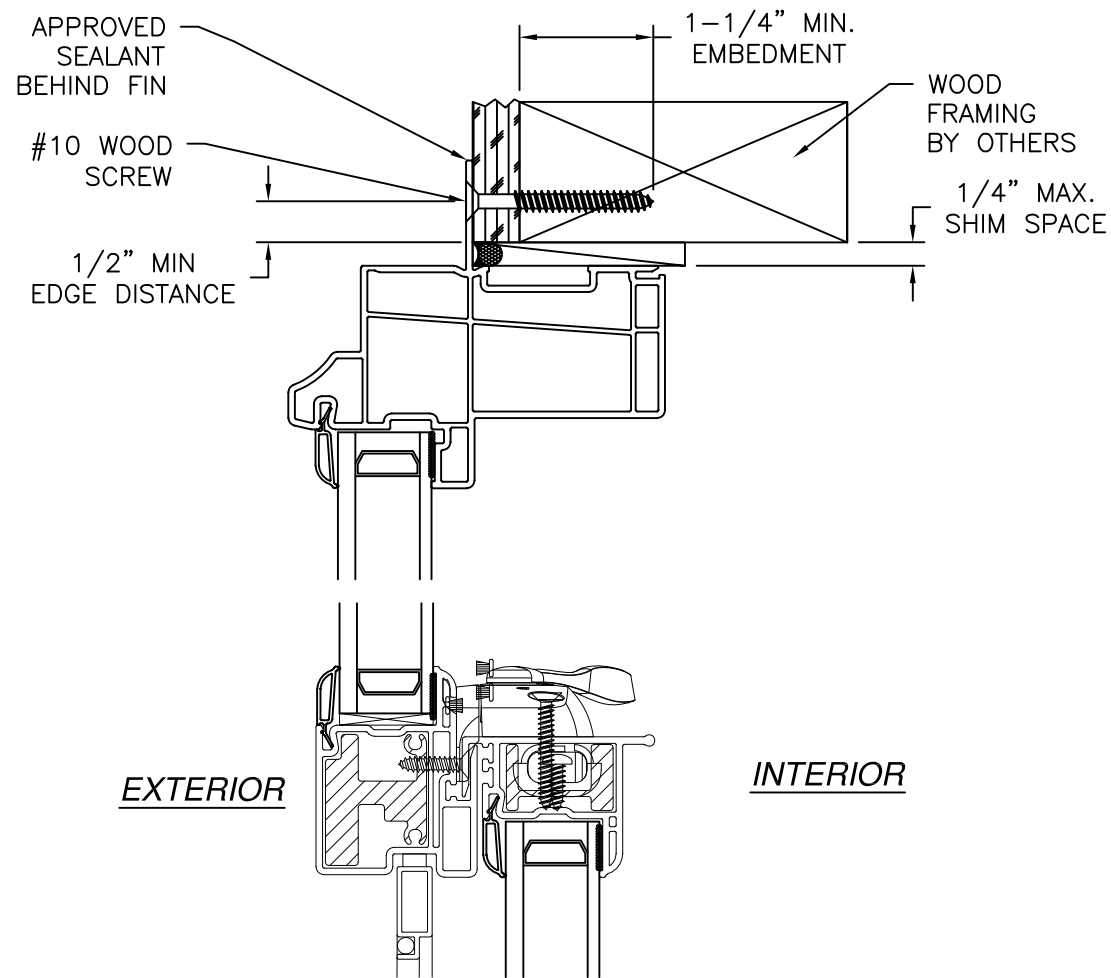
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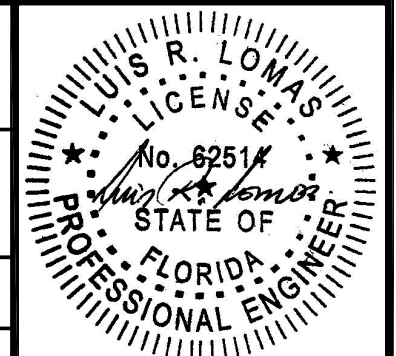
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