

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/18/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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. 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.
4. 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.
5. 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.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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”.
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #6 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 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 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.
16. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #8 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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:
 - 18.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 18.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 18.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH f’m=2,000PSI MINIMUM.
 - 18.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI 1/8” THICK MINIMUM

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VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

S-SERIES STACKED FIXED/CASEMENT
COMBINATION ASSEMBLY, NON-IMPACT
NOTES

DRAWN:
V.L.

DWG NO.
08-02844

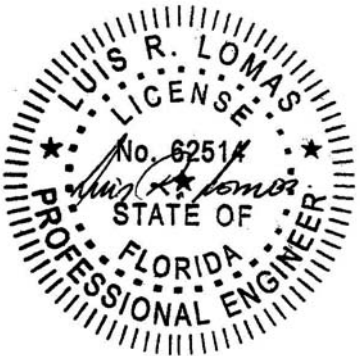
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SCALE NTS

DATE 11/09/15

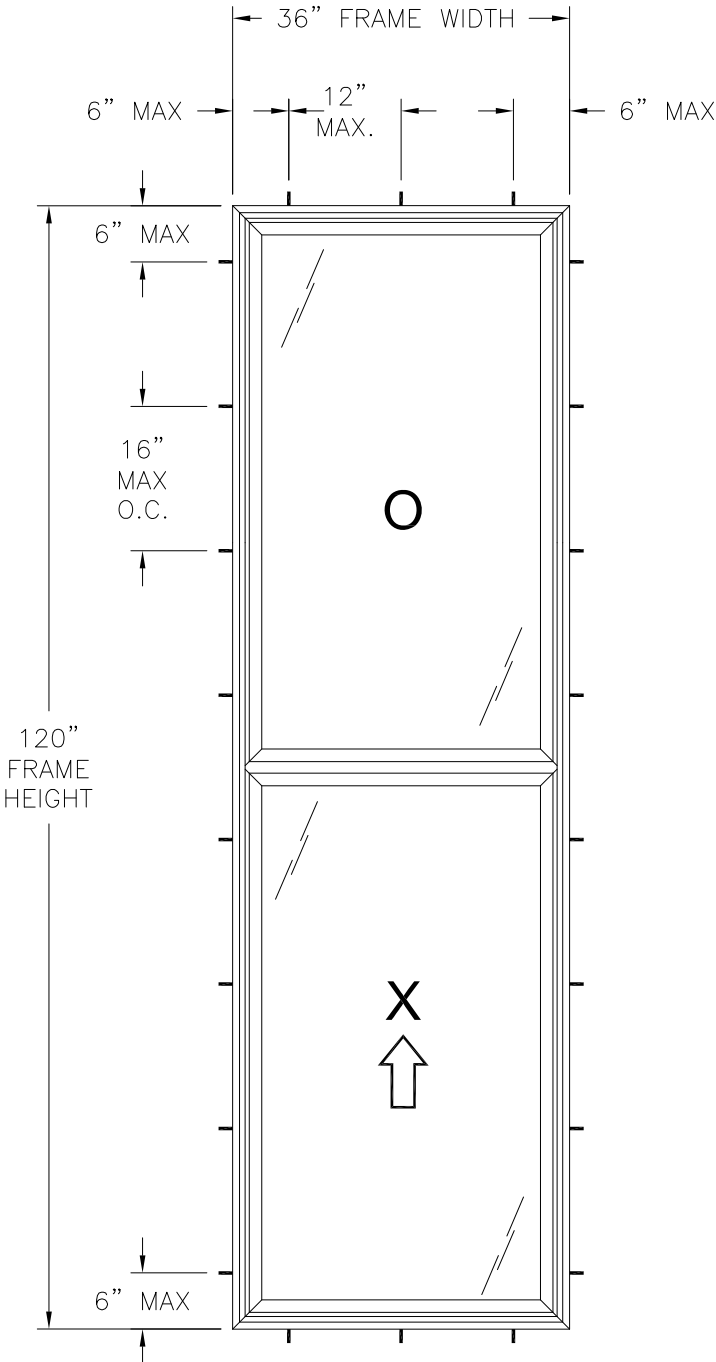
SHEET 1 OF 6

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

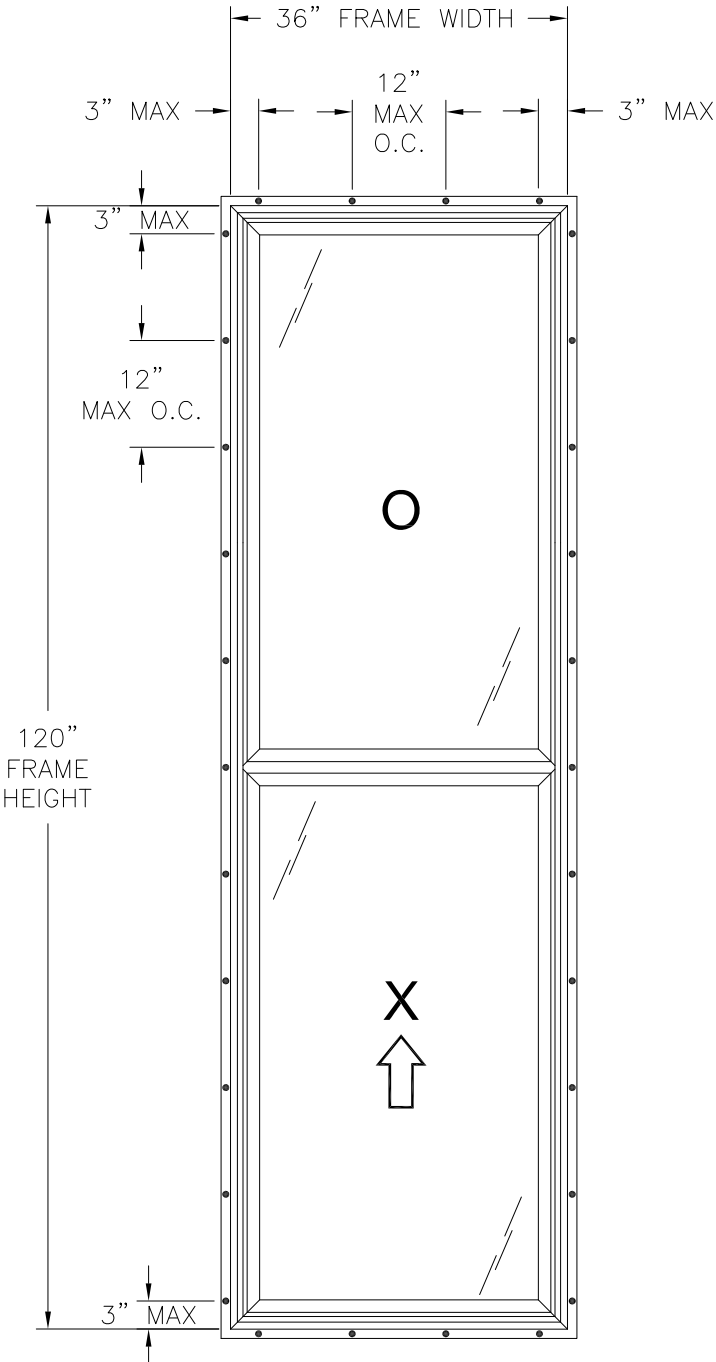


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S-SERIES STACKED FIXED/CASEMENT
EXTERIOR VIEW
FRAME INSTALLATION



S-SERIES STACKED FIXED/CASEMENT
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

36" X 120" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 30.0 FT²

- NOTES:
1. MAXIMUM FIXED D.L.O.: 29" X 54"
 2. MAXIMUM CASEMENT D.L.O.: 29" X 54"
 3. (2 PER VENT) 3/8 X 3/16" WEEP SLOT 2" FROM EACH END OF BOTTOM RAIL.
 4. (2 PER VENT) 3/16" WEEP HOLE 2" FROM EACH END OF BOTTOM RAIL.

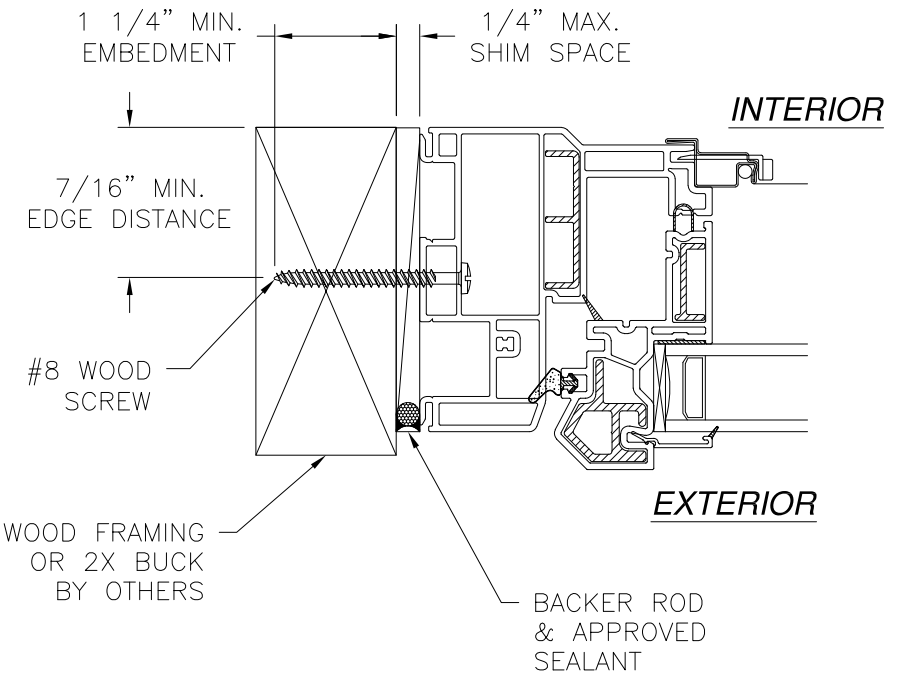
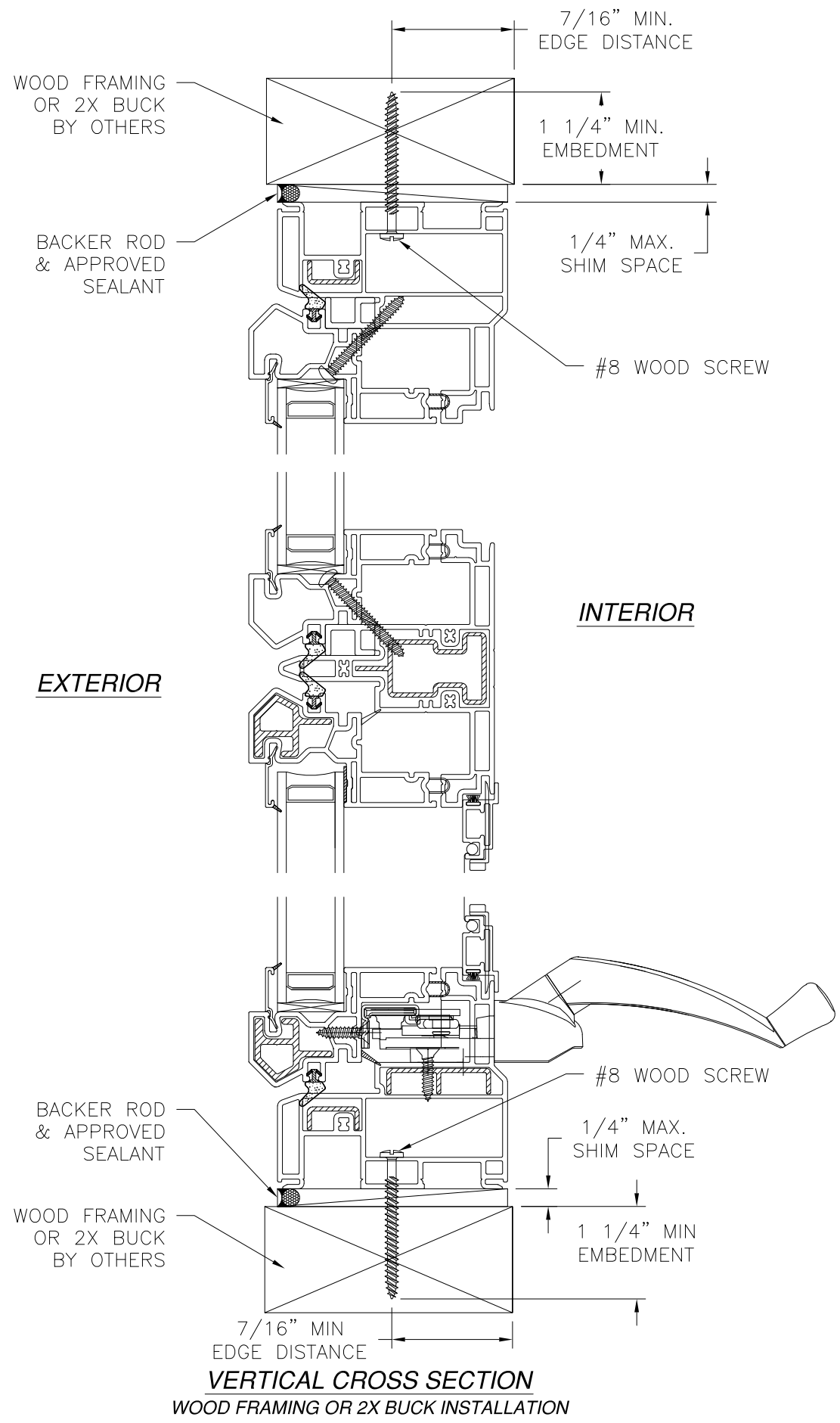
HARDWARE SCHEDULE	
A.	(1) ROTARY CRANK 8" FROM HINGE JAMB AT SILL
B.	(2) 3-BAR HINGE AT EACH END HINGE STILE
C.	(1) LATCH W/ MULTI-POINT LOCK AT LOCK JAMB
D.	(2 SETS) MULTI-SNUBBER 19" FROM EACH END VENT HINGE STILE
E.	EXTRUDED ALUMINUM REINFORCEMENT (6180) AT HEAD & SILL
F.	EXTRUDED ALUMINUM REINFORCEMENT (6181) AT SILL AND JAMBS
G.	EXTRUDED ALUMINUM REINFORCEMENT (6170) AT VENT STILES AND RAILS
H.	EXTRUDED ALUMINUM REINFORCEMENT (6190) AT VENT HINGE STILE
I.	EXTRUDED ALUMINUM REINFORCEMENT (59928) AT INTERMEDIATE RAIL

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S-SERIES STACKED FIXED/CASEMENT COMBINATION ASSEMBLY, NON-IMPACT ELEVATIONS		
DRAWN: V.L.	DWG NO. 08-02844	REV A
SCALE NTS	DATE 11/09/15	SHEET 2 OF 6
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JAMB INSTALLATION DETAIL
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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INSTALLATION DETAILS

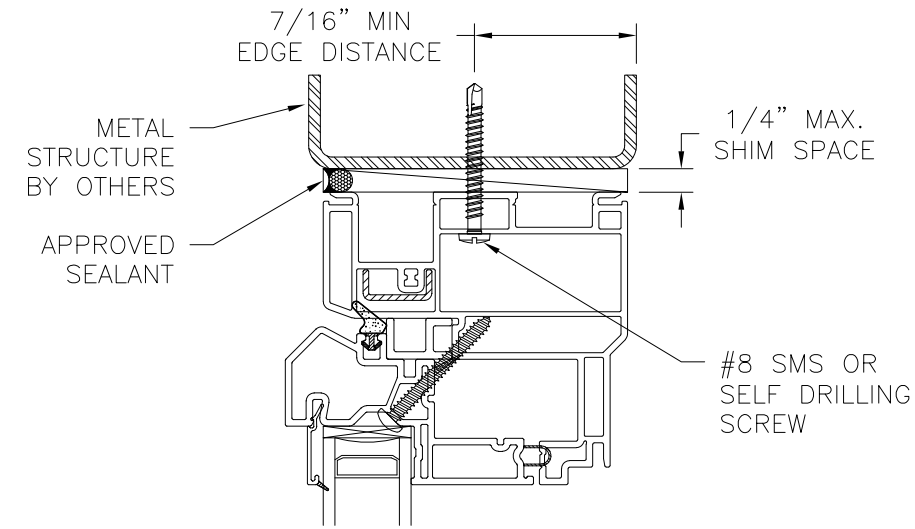
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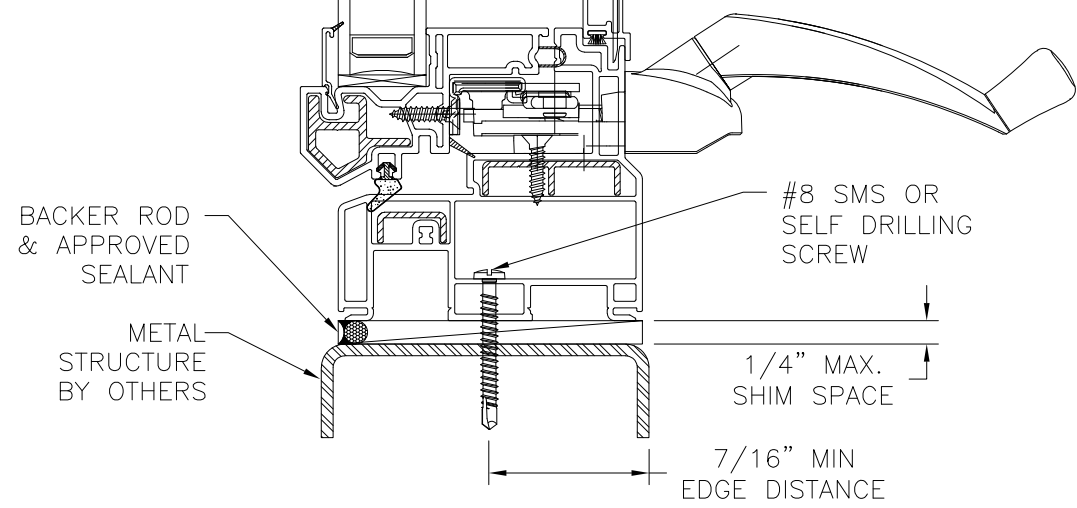
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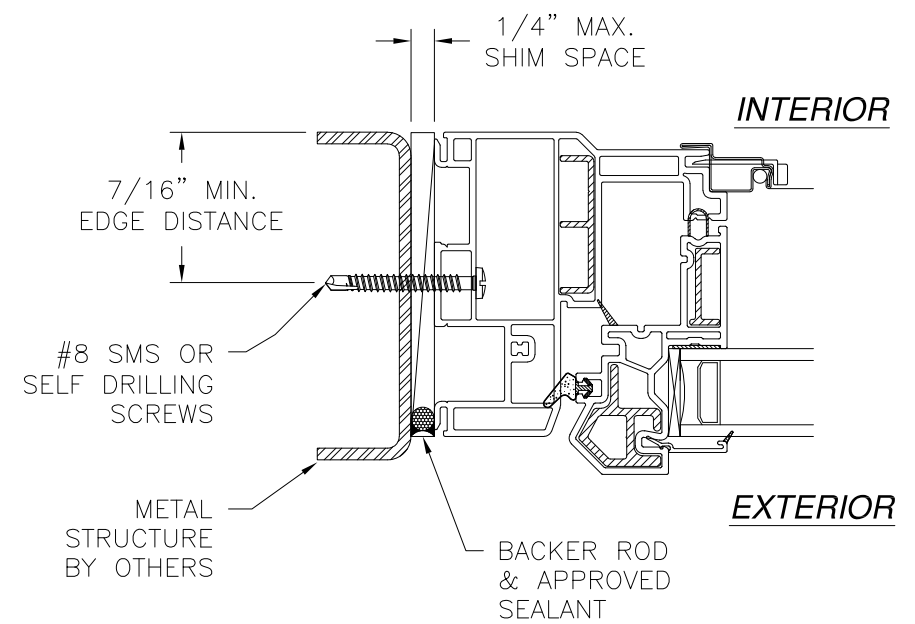


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



INTERIOR

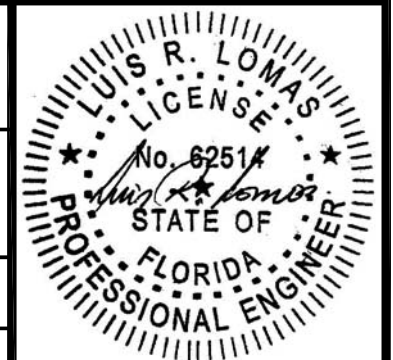
EXTERIOR

JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

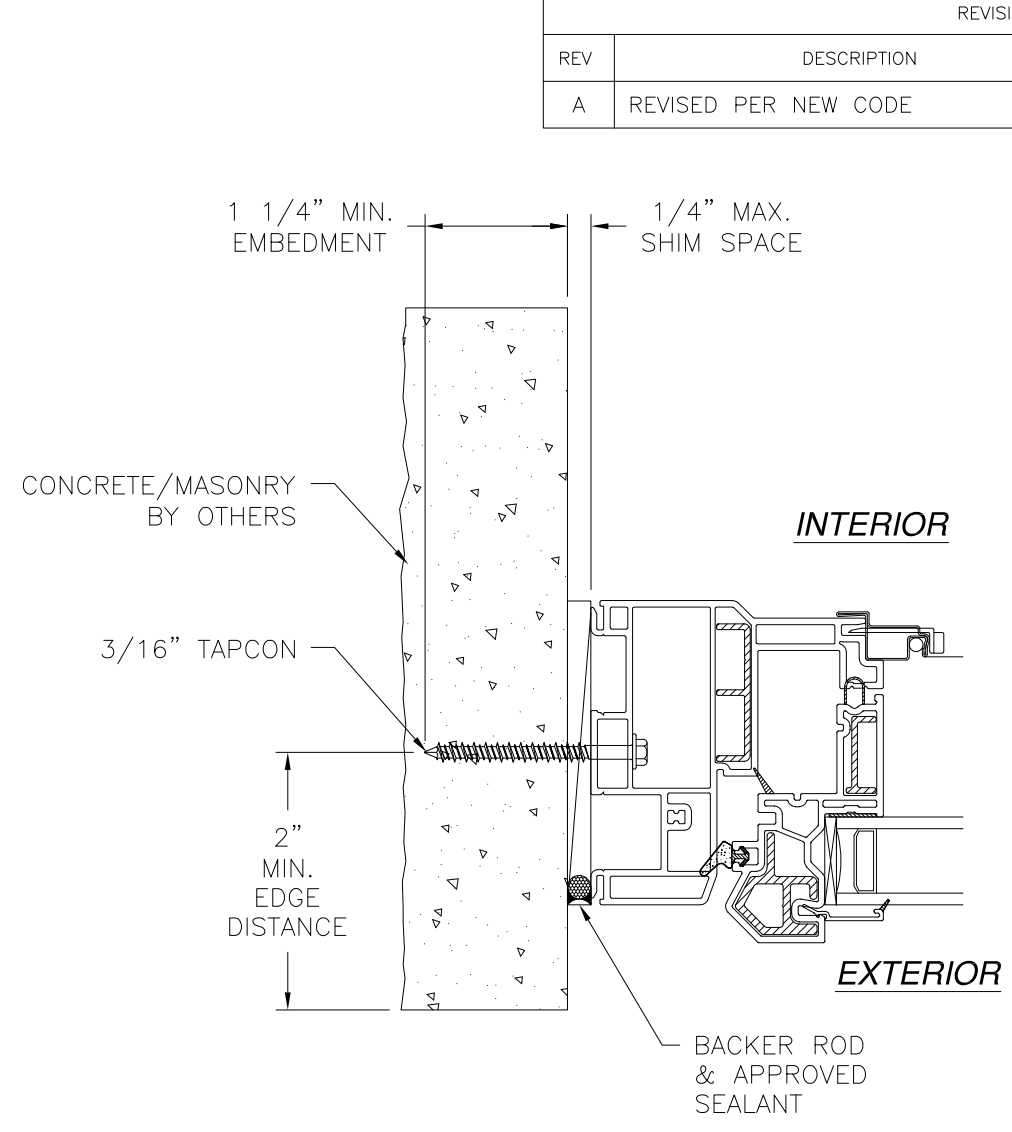
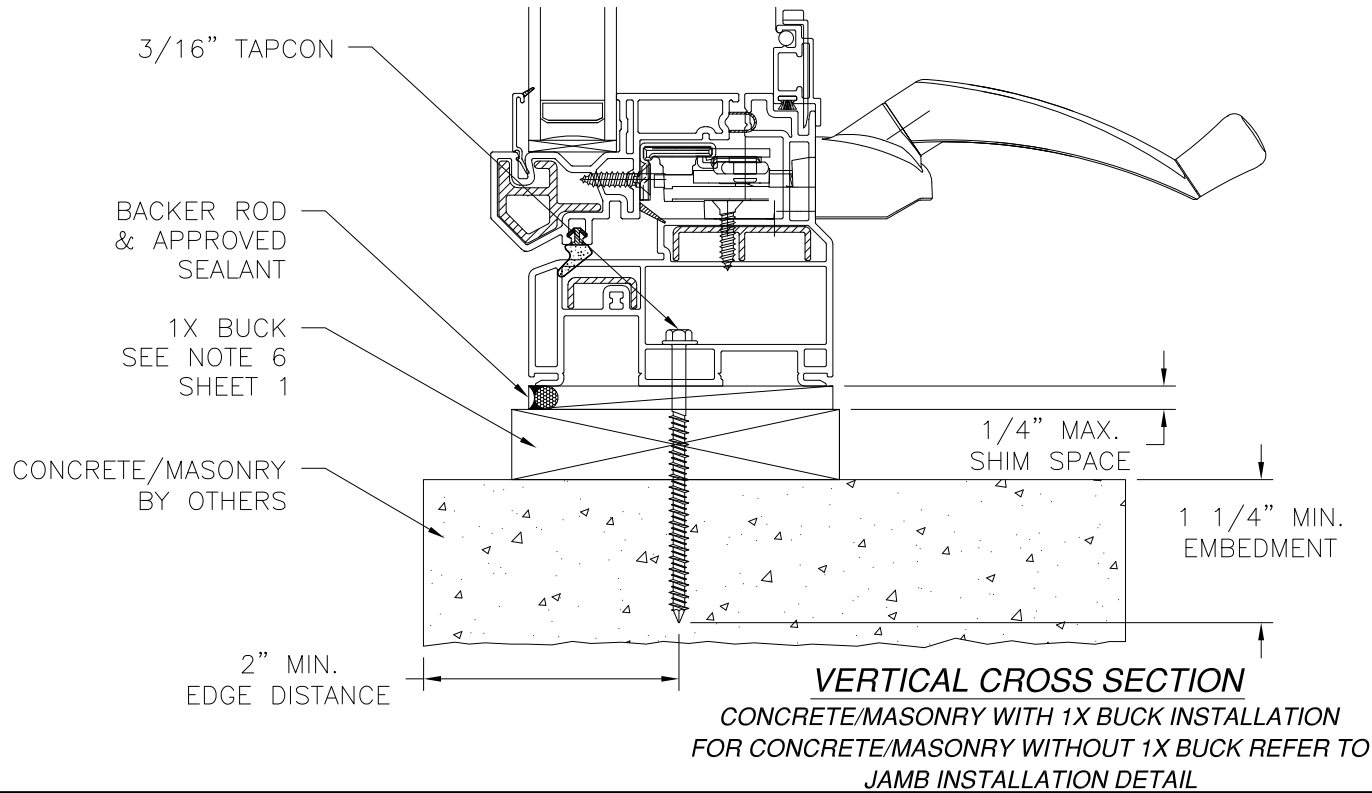
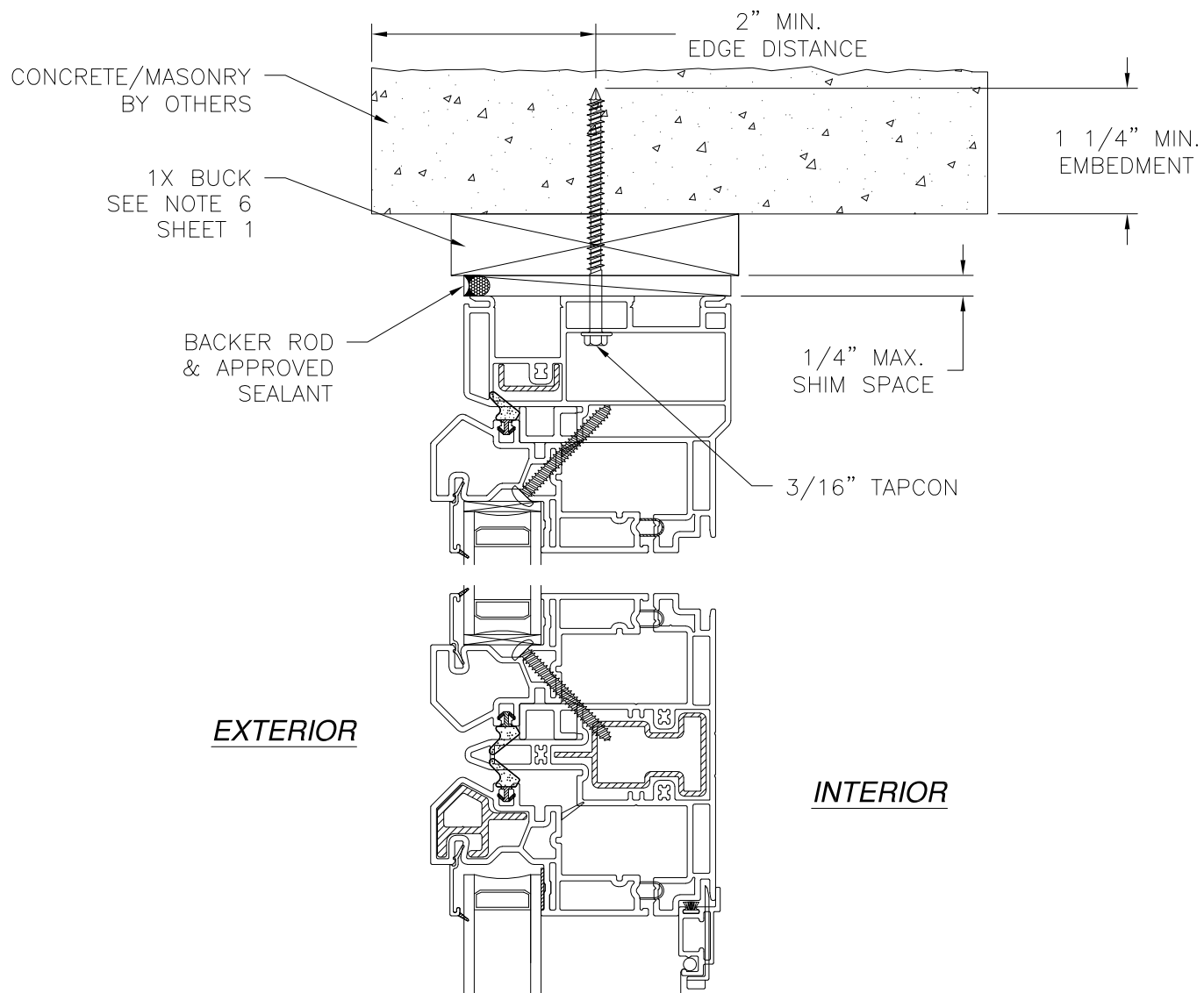
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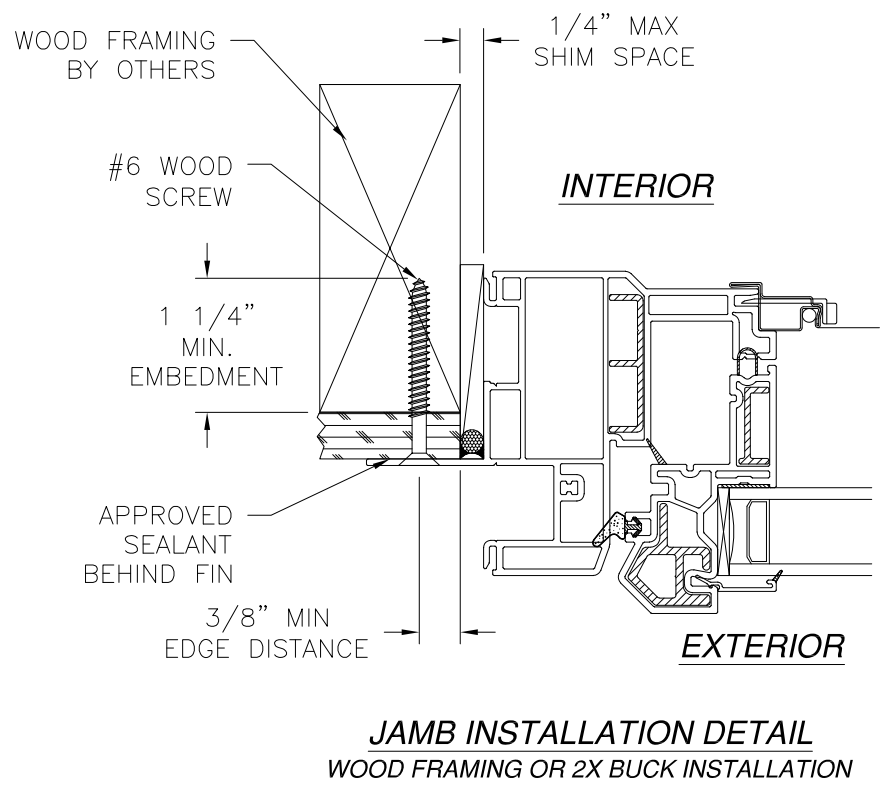
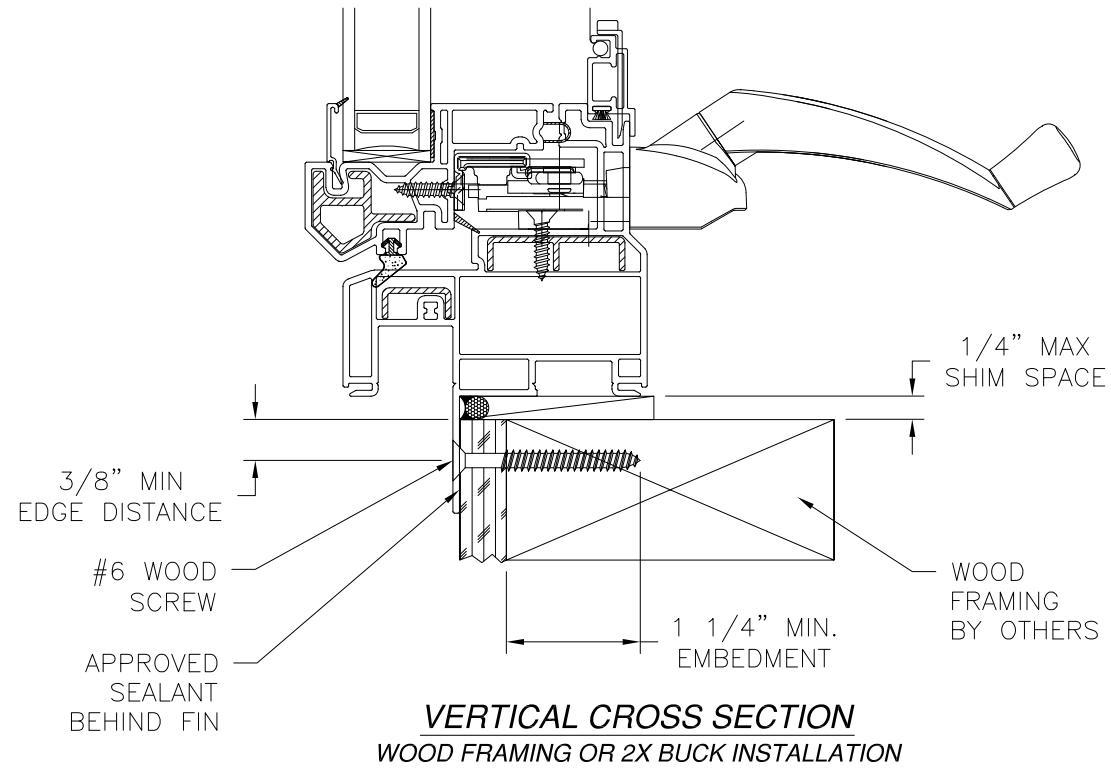
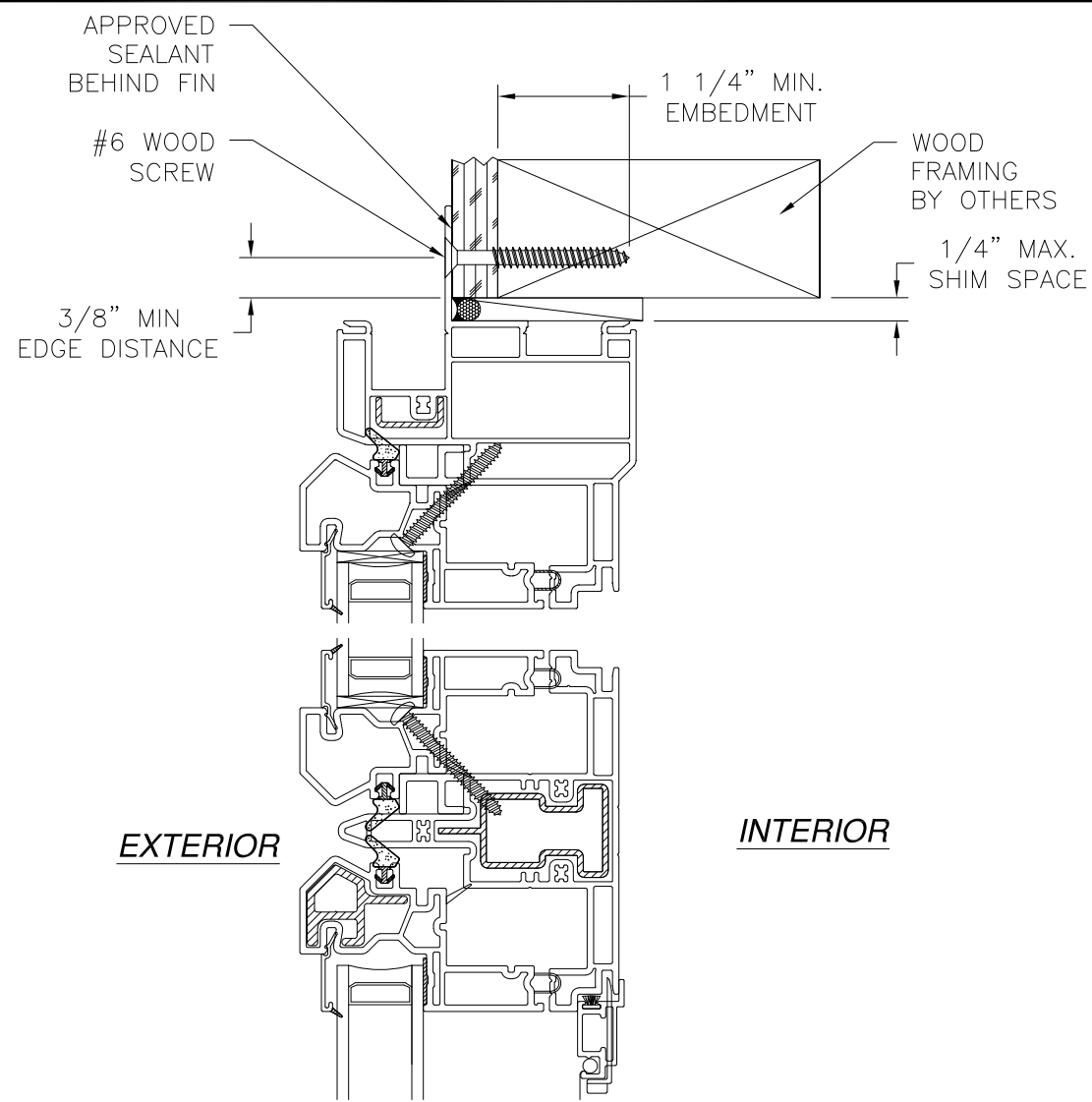
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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