

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED PER NEW CODE	09/12/2023	R.L.

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, 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" 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. 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 UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS NEEDED 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, SEE SHEET 3 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FIN 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.
14. FOR ANCHORING THROUGH FIN 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.
15. 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.
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 #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.
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:
 - 19.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 19.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 19.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 19.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM
20. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

SIGNED: 10/09/2023

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SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
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MAGNOLIA WINDOW & DOOR
1000 PYRATICH DR.
BALDWIN, GA. 30511

400 VINYL SINGLE HUNG WINDOW
NON-IMPACT 40" X 63"
NOTES

DRAWN:
V.L.

DWG NO.
08-02098

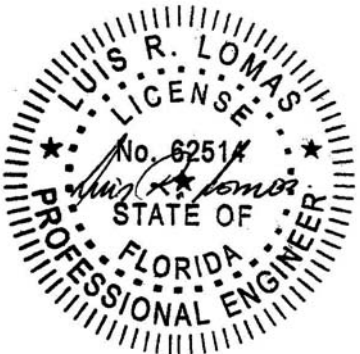
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DATE 06/27/13

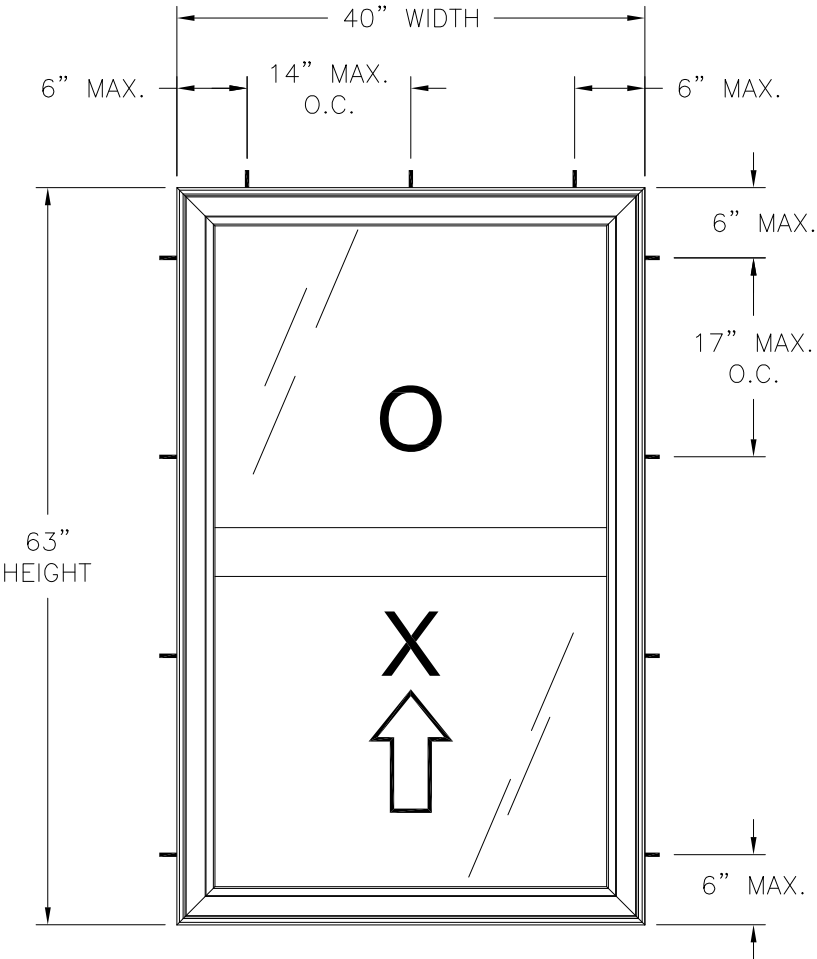
SHEET 1 OF 7

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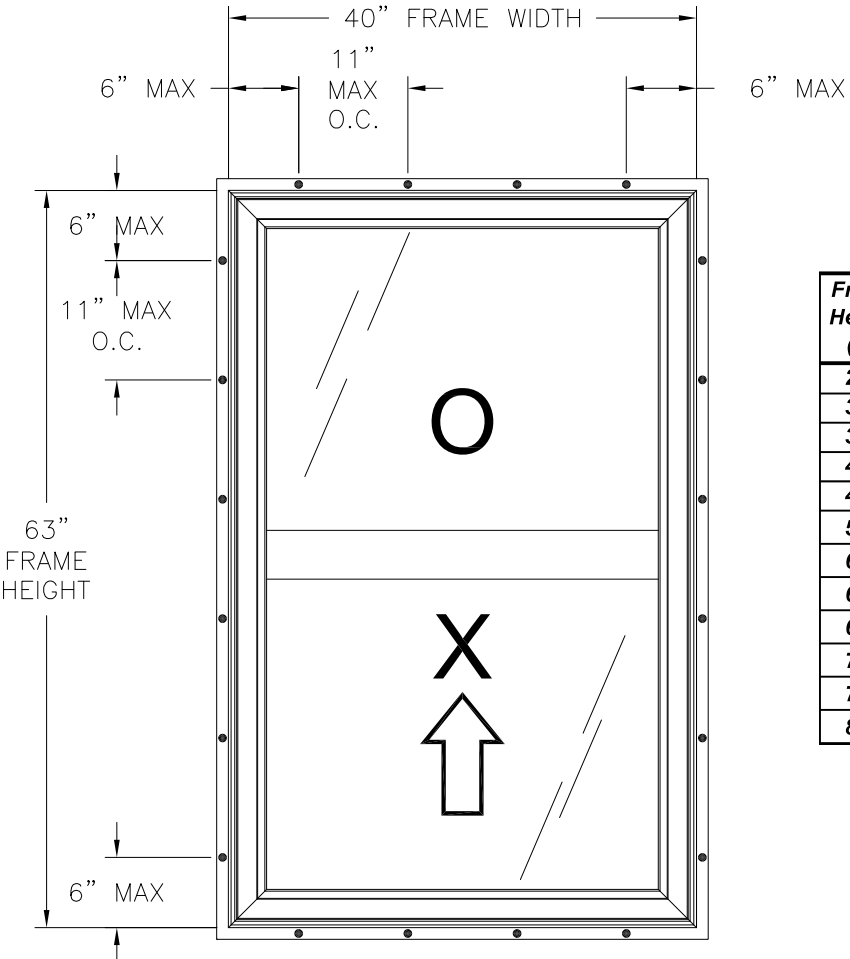


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400 VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



400 VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

FOR OTHER SIZES SEE CHART #1, SHEET 2

- NOTES:
- SASH SIZE: 37 3/16" X 30 3/8"
 - D.L.O.: 35 7/16 X 27 15/16"
 - (2) 1/4" X 1/8" WEEP SLOT 2 1/2" FROM END AT BOTTOM RAIL.

HARDWARE SCHEDULE	
A.	(2) BLOCK & TACKLE BALANCE ONE PER JAMB
B.	(2) TILT LATCHES AT INTERIOR MEETING RAIL ENDS
C.	(2) PIVOT BARS AT BOTTOM RAIL ENDS
D.	(2) CAM LOCK WITH KEEPER 8 1/4" FROM EACH END OF INTERIOR MEETING RAIL
E.	ALUMINUM REINFORCEMENT (058287) AT FIXED RAIL (EXTERIOR)
F.	ALUMINUM REINFORCEMENT (058288) AT LOCK RAIL (INTERIOR)

Chart #1
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	30.00		36.00		40.00		42.00		48.00		54.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	35.0	52.5	35.0	52.5	35.0	52.5	35.0	52.5	35.0	41.8	29.2	29.2	21.2	21.2
30.0	35.0	52.5	35.0	52.5	35.0	52.5	35.0	51.3	34.0	34.0	23.6	23.6	17.1	17.1
36.0	35.0	52.5	35.0	52.5	35.0	51.0	35.0	43.8	28.8	28.8	20.0	20.0	-	-
42.0	35.0	52.5	35.0	52.5	35.0	45.1	35.0	38.6	25.2	25.2	17.4	17.4	-	-
48.0	35.0	52.5	35.0	51.0	35.0	40.9	34.9	34.9	22.6	22.6	-	-	-	-
54.0	35.0	52.5	35.0	45.4	35.0	37.9	32.2	32.2	-	-	-	-	-	-
60.0	35.0	49.0	35.0	40.8	35.0	35.8	30.2	30.2	-	-	-	-	-	-
63.0	35.0	46.7	35.0	38.9	35.0	35.0	-	-	-	-	-	-	-	-
66.0	35.0	44.5	35.0	37.1	-	-	-	-	-	-	-	-	-	-
72.0	35.0	40.8	-	-	-	-	-	-	-	-	-	-	-	-
78.0	35.0	37.7	-	-	-	-	-	-	-	-	-	-	-	-
84.0	35.0	35.0	-	-	-	-	-	-	-	-	-	-	-	-

MAGNOLIA WINDOW & DOOR
1000 PYRATICH DR.
BALDWIN, GA. 30511

400 VINYL SINGLE HUNG WINDOW
NON-IMPACT 40" X 63"
ELEVATIONS

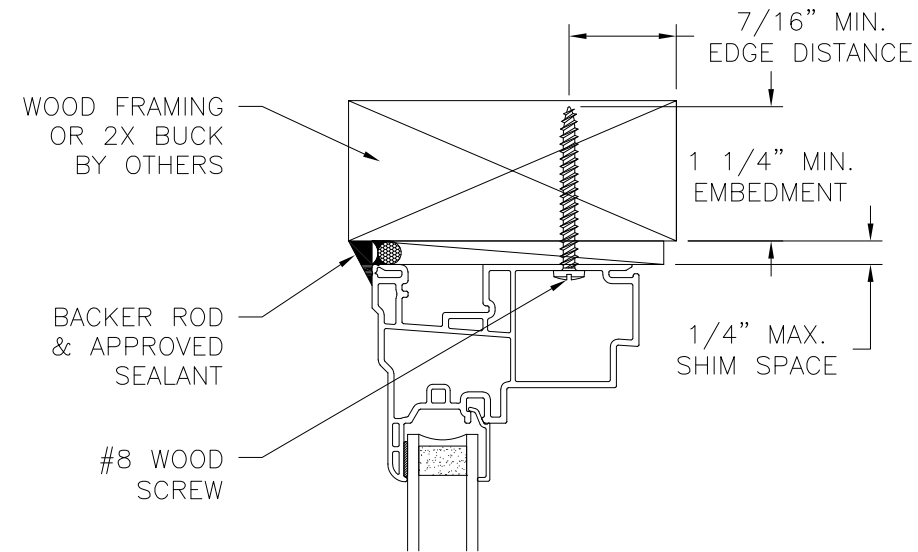
DRAWN: V.L.	DWG NO. 08-02098	REV C
SCALE NTS	DATE 06/27/13	SHEET 2 OF 7

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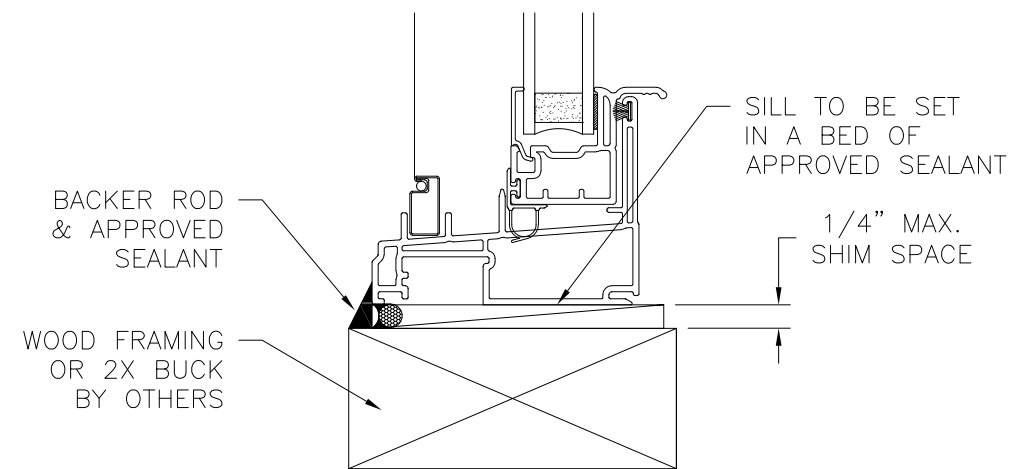


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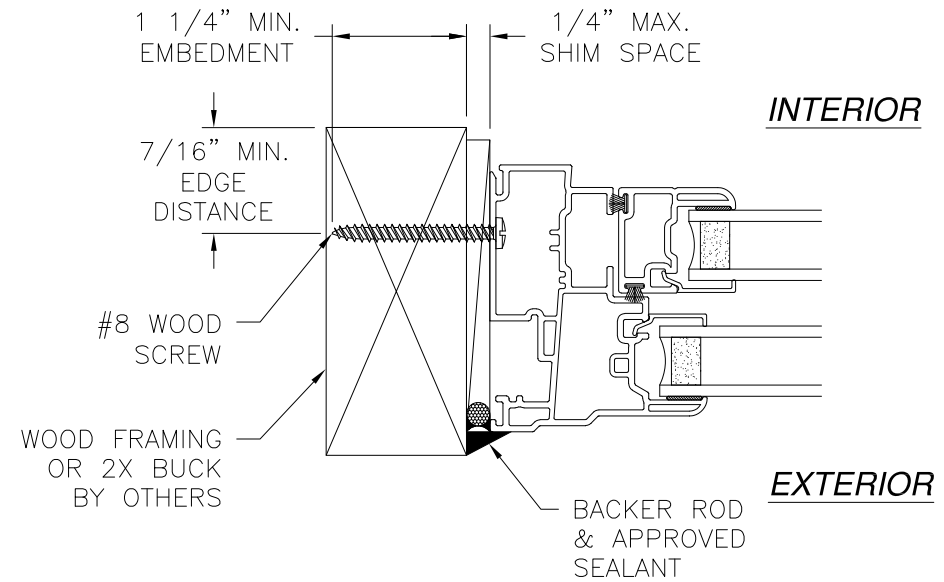


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



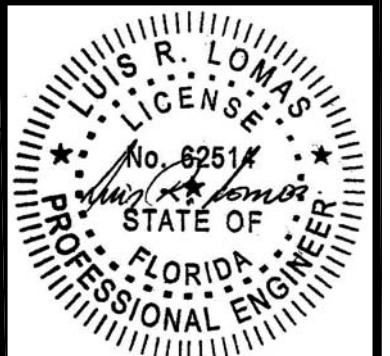
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

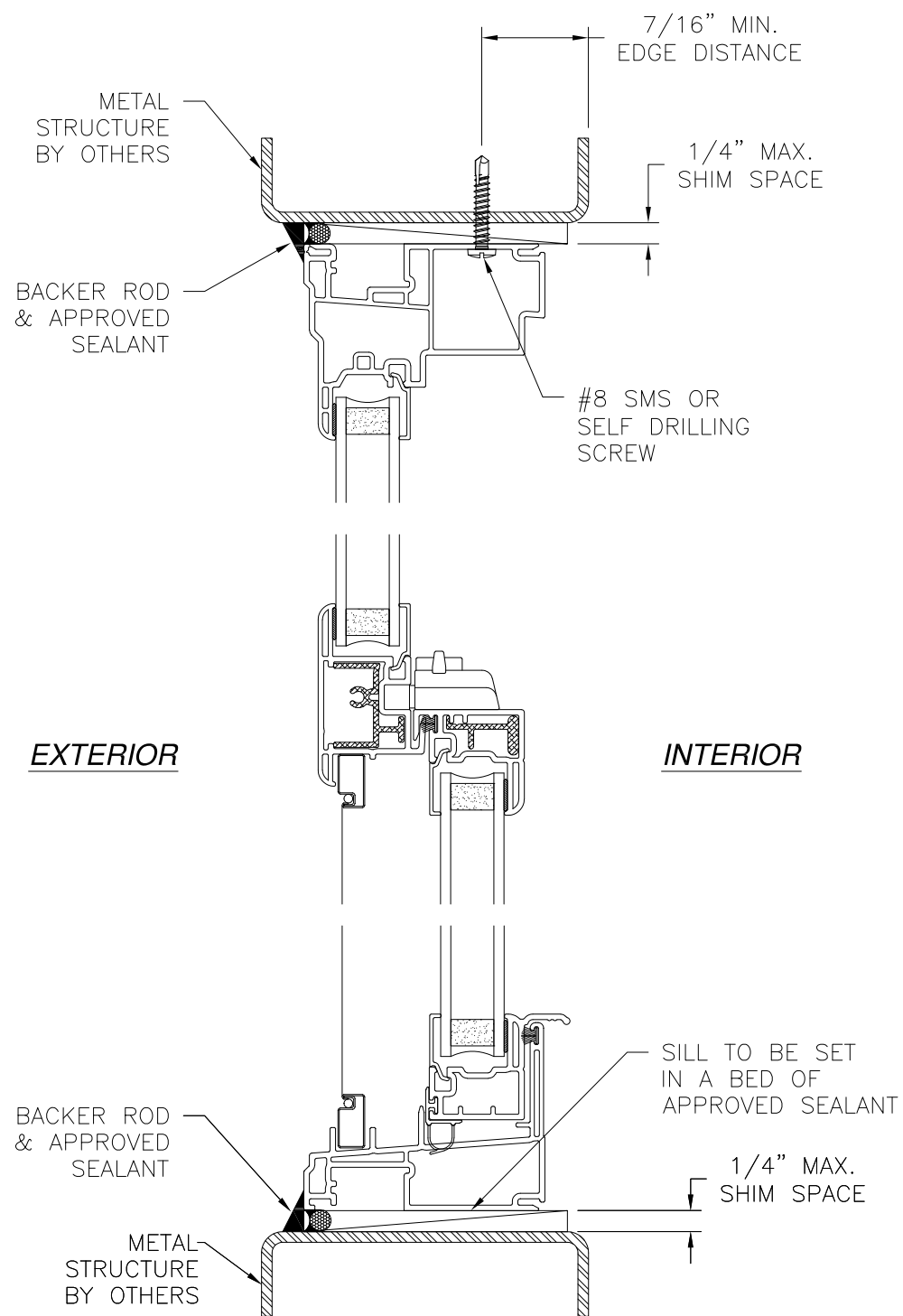
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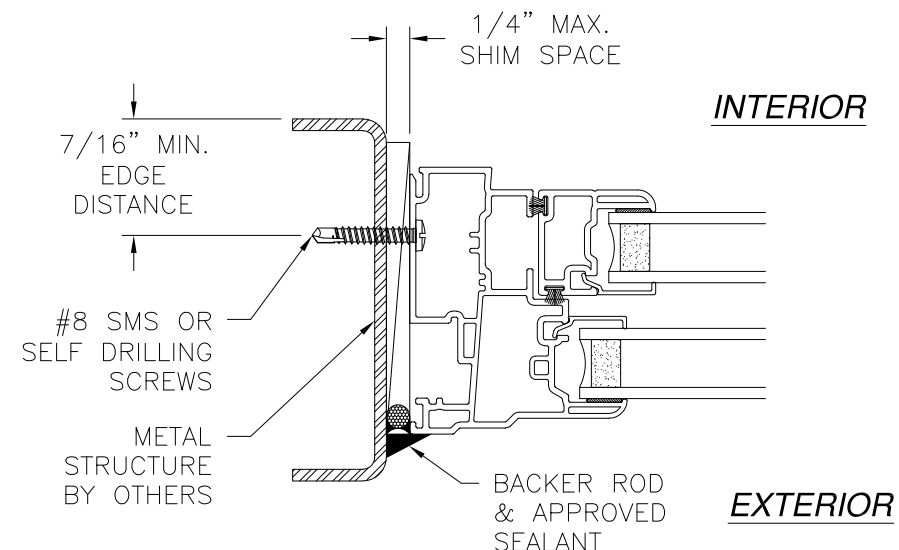
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



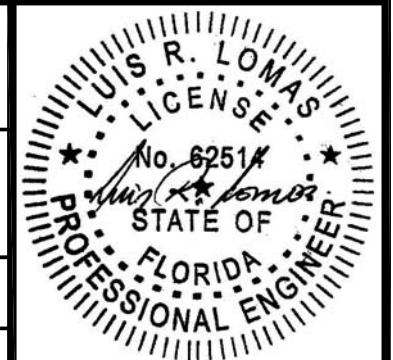
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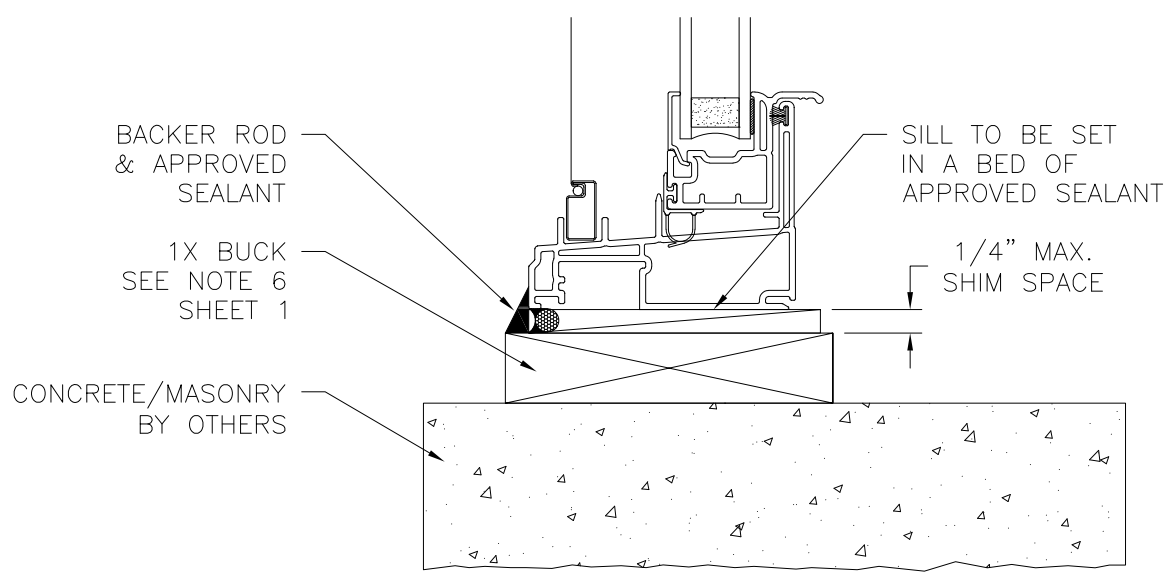
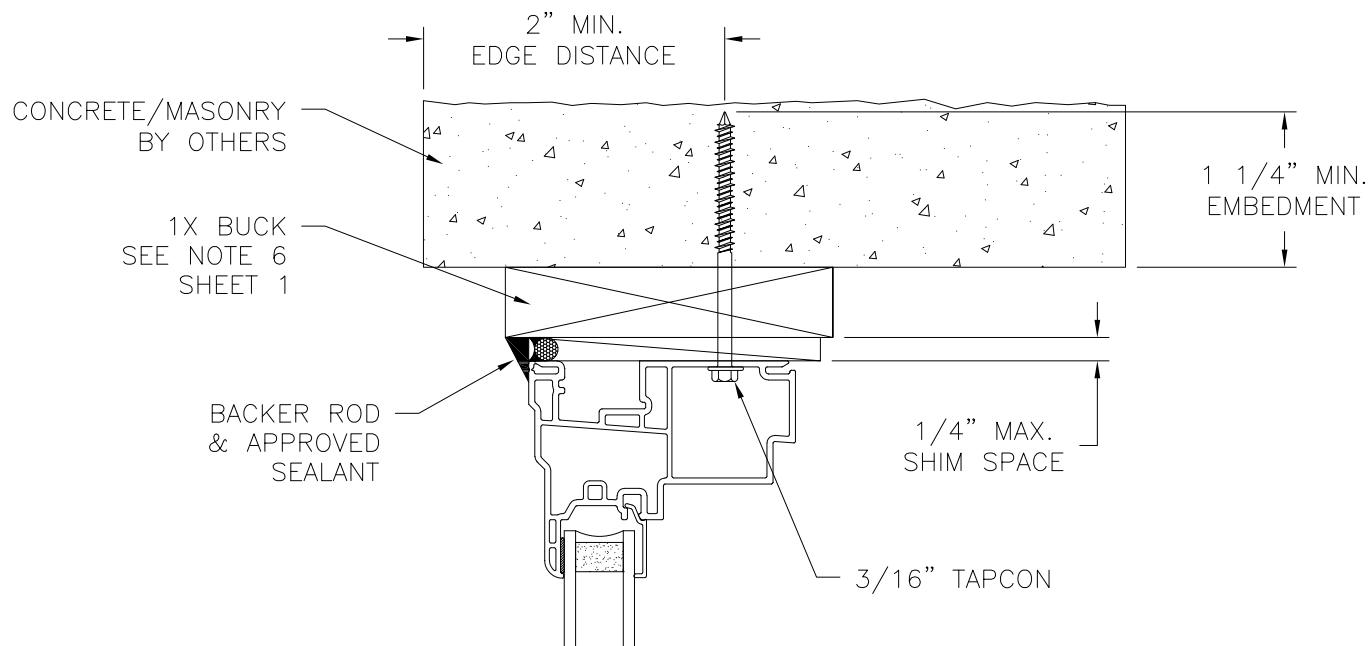
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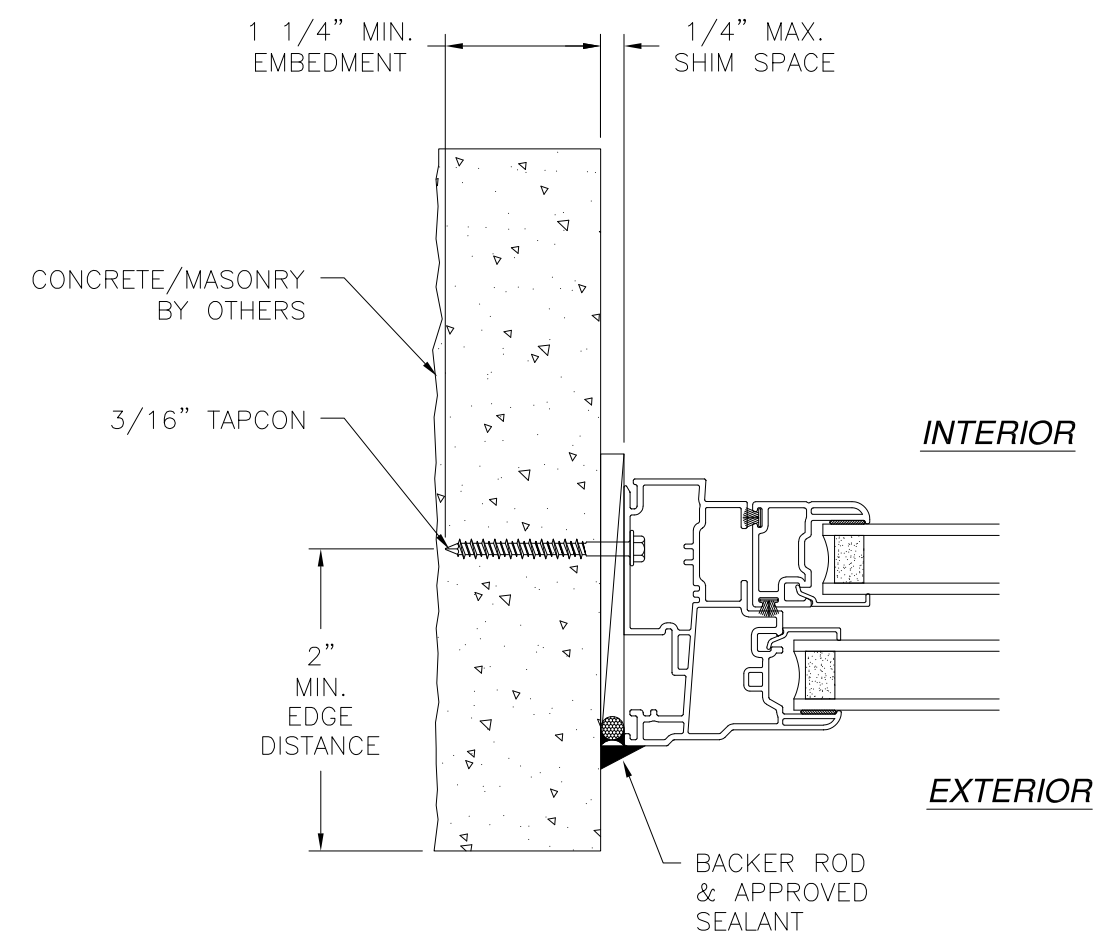
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



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

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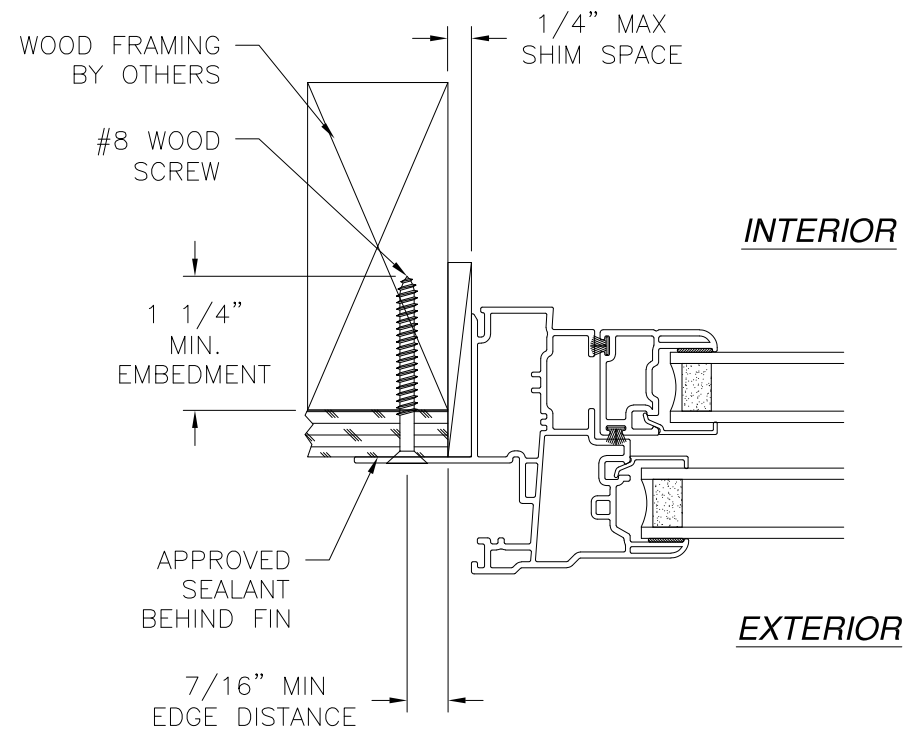
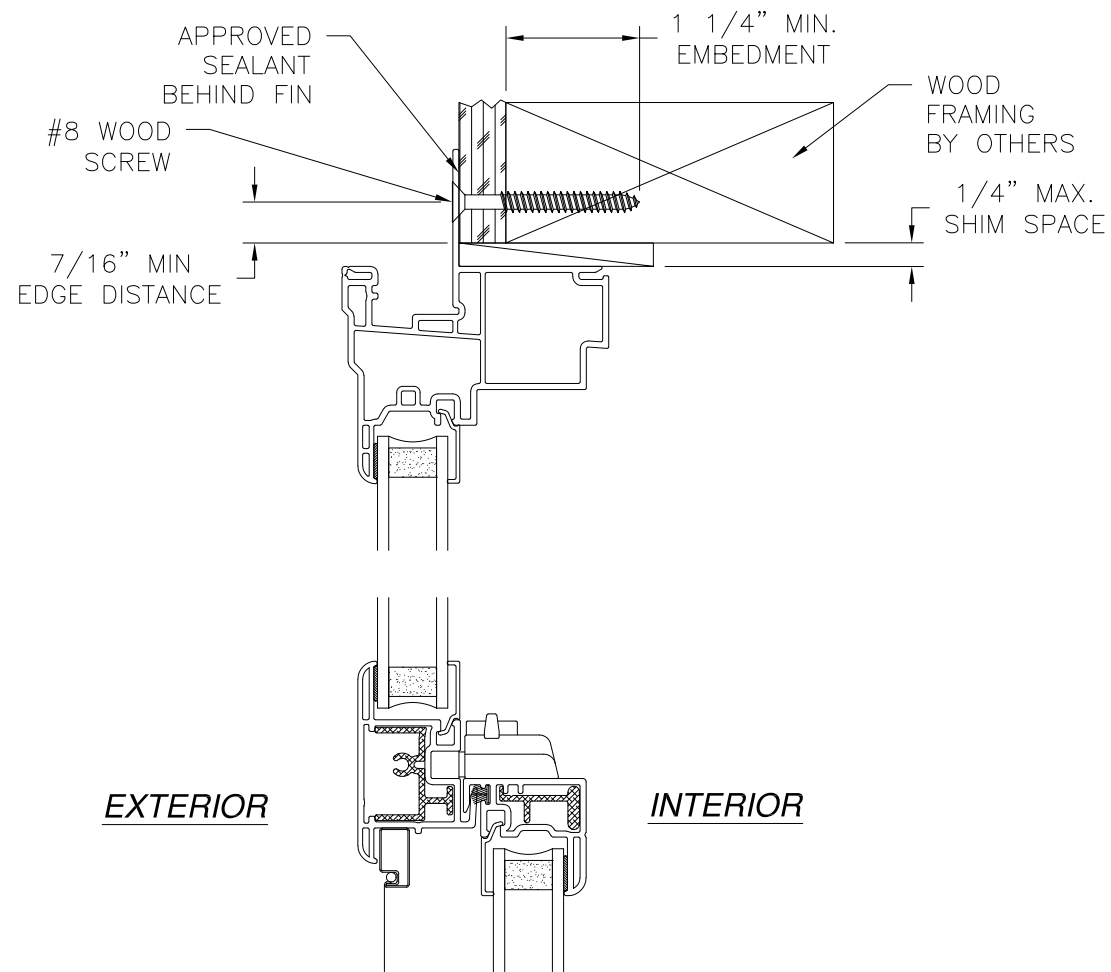
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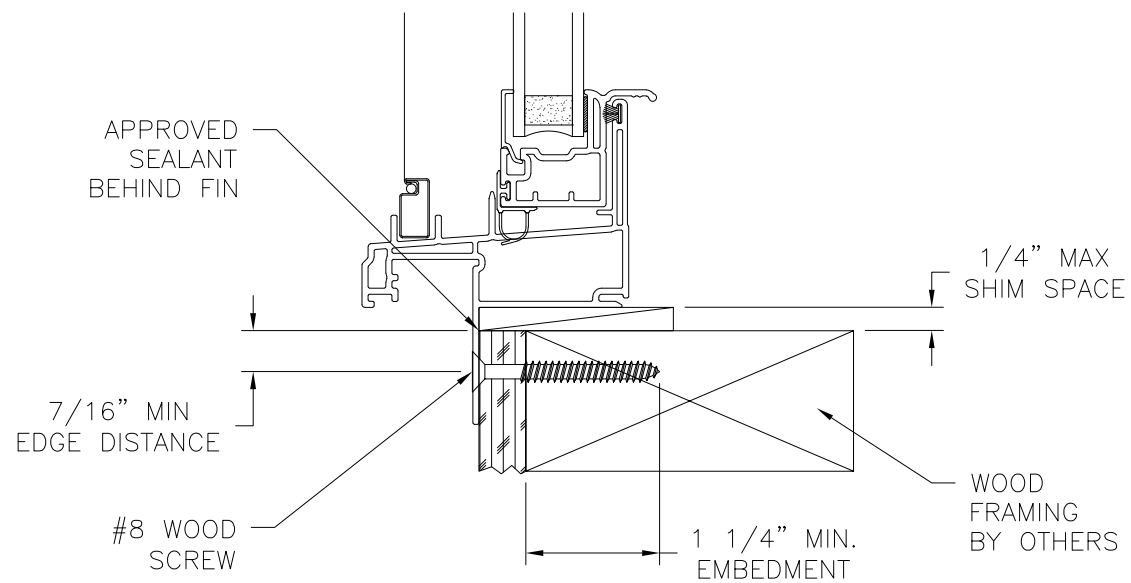
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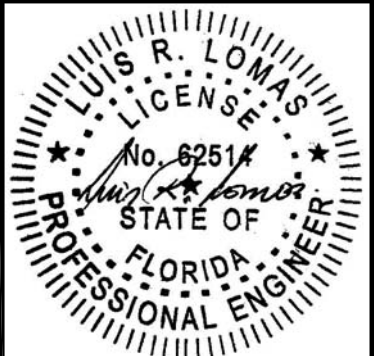
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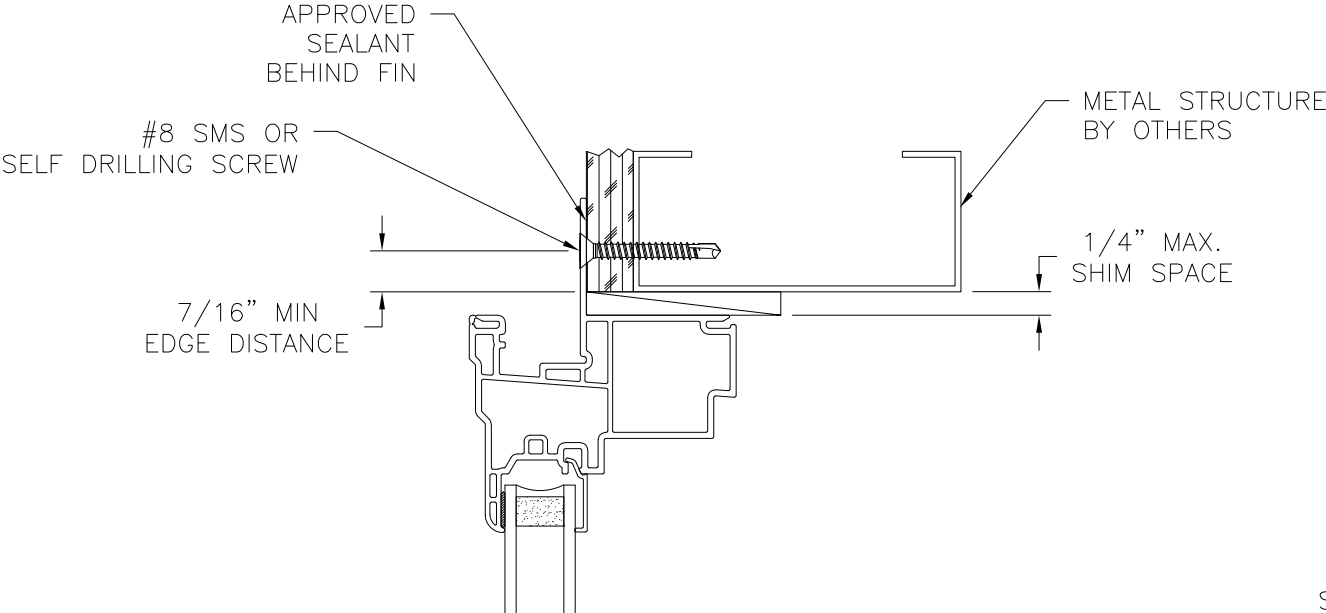
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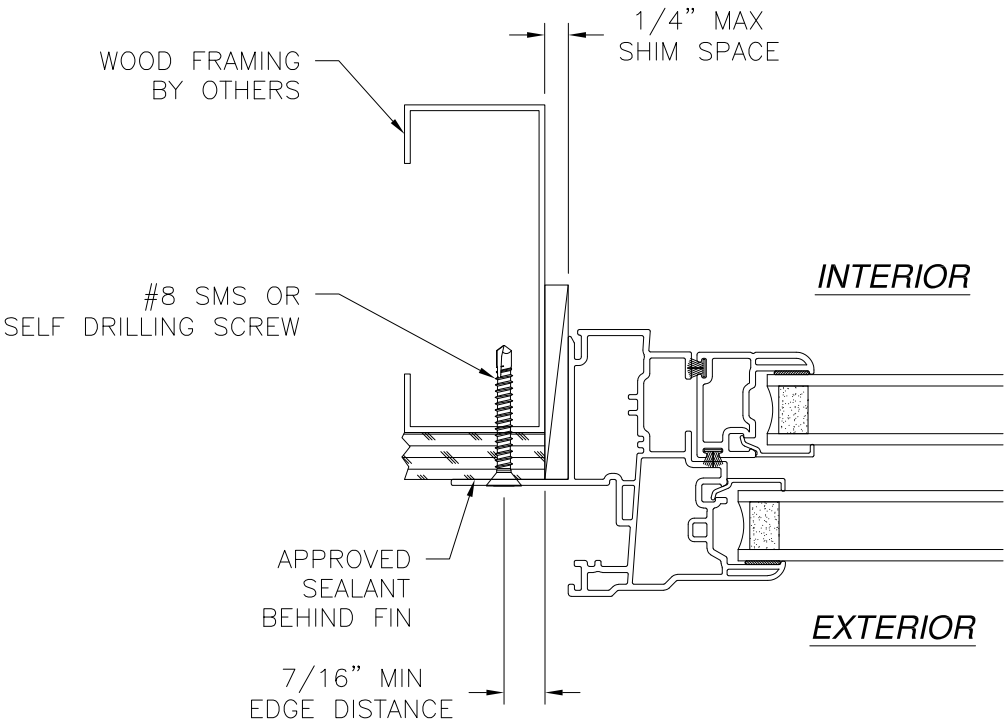
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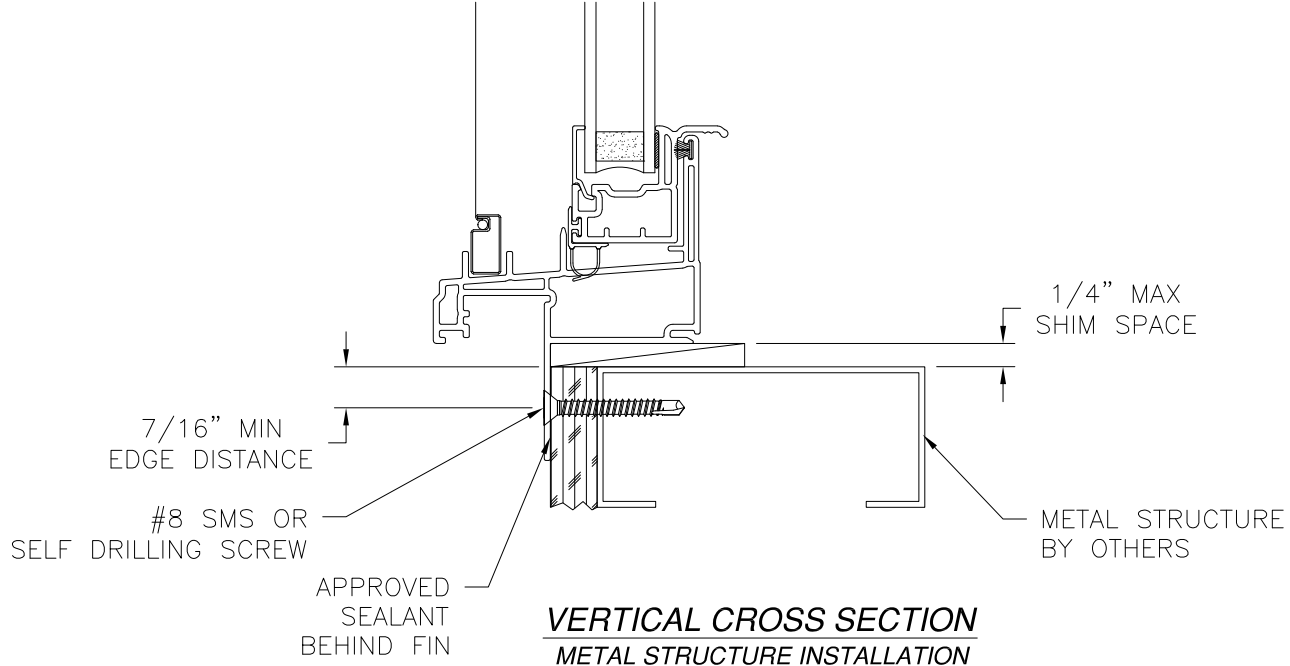


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METAL STRUCTURE INSTALLATION

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