

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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. 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 #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1" 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 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 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 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:

19.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42C

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 .125" THICK MINIMUM

20. APPROVED CONFIGURATIONS: XO AND OX.

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ACADIAN WINDOWS AND SIDING, LLC

119 ALPHA DRIVE
DESTREHAN, LA 70047

ACADIAN COMPASS SERIES SINGLE SLIDER
NON-IMPACT 72" X 48"

NOTES

DRAWN:
A.R.

DWG NO.
08-04065

REV
-

SCALE NTS

DATE 06/03/2024

SHEET 1 OF 8

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LUIS R. LOMAS

LICENS. M. S.

No. 62514

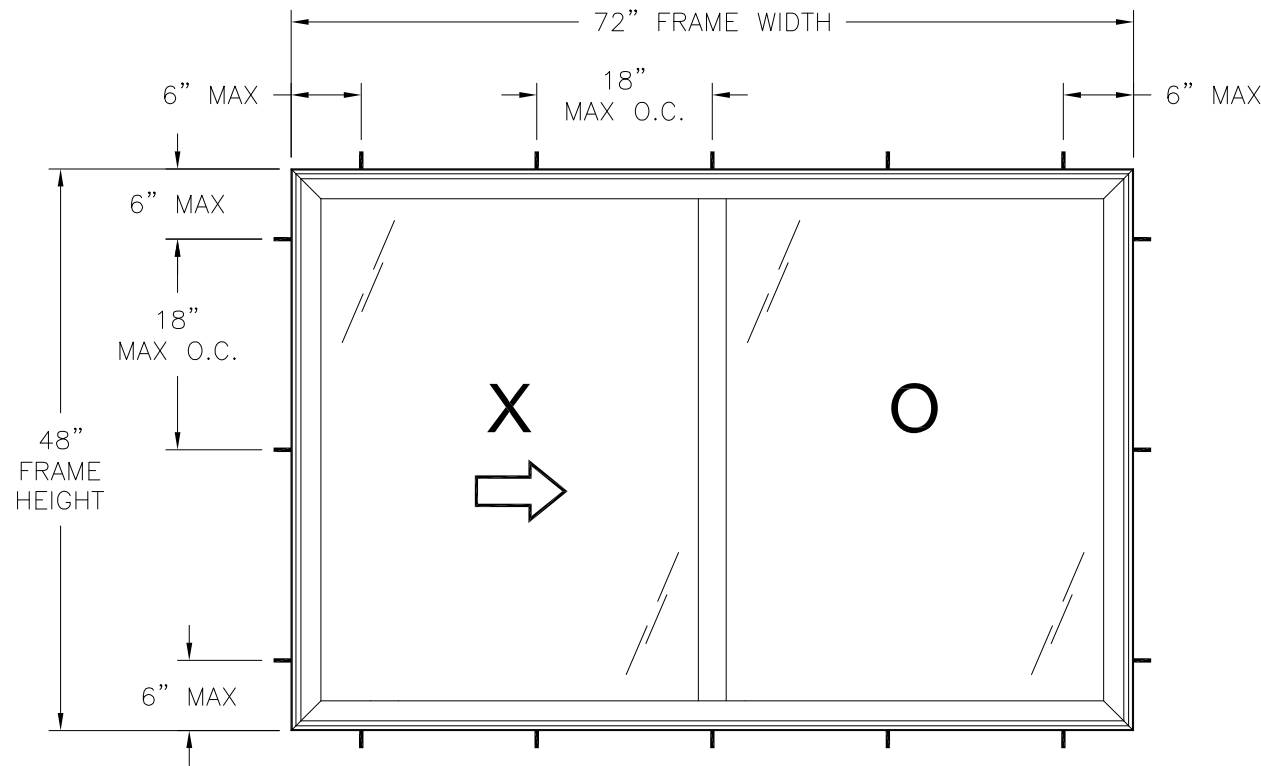
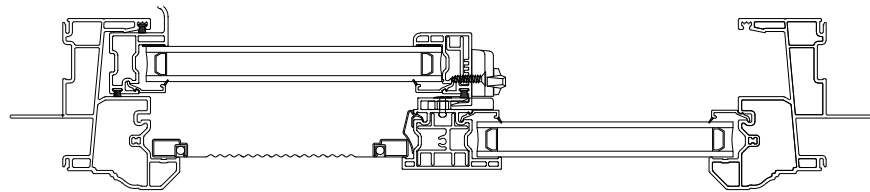
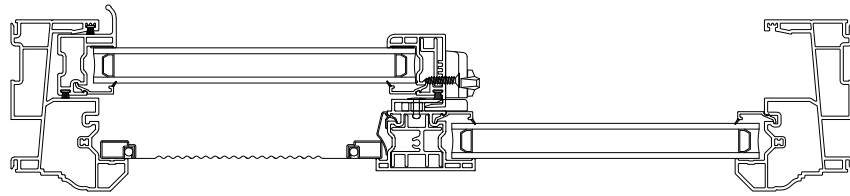
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PROFESSIONAL ENGINEER

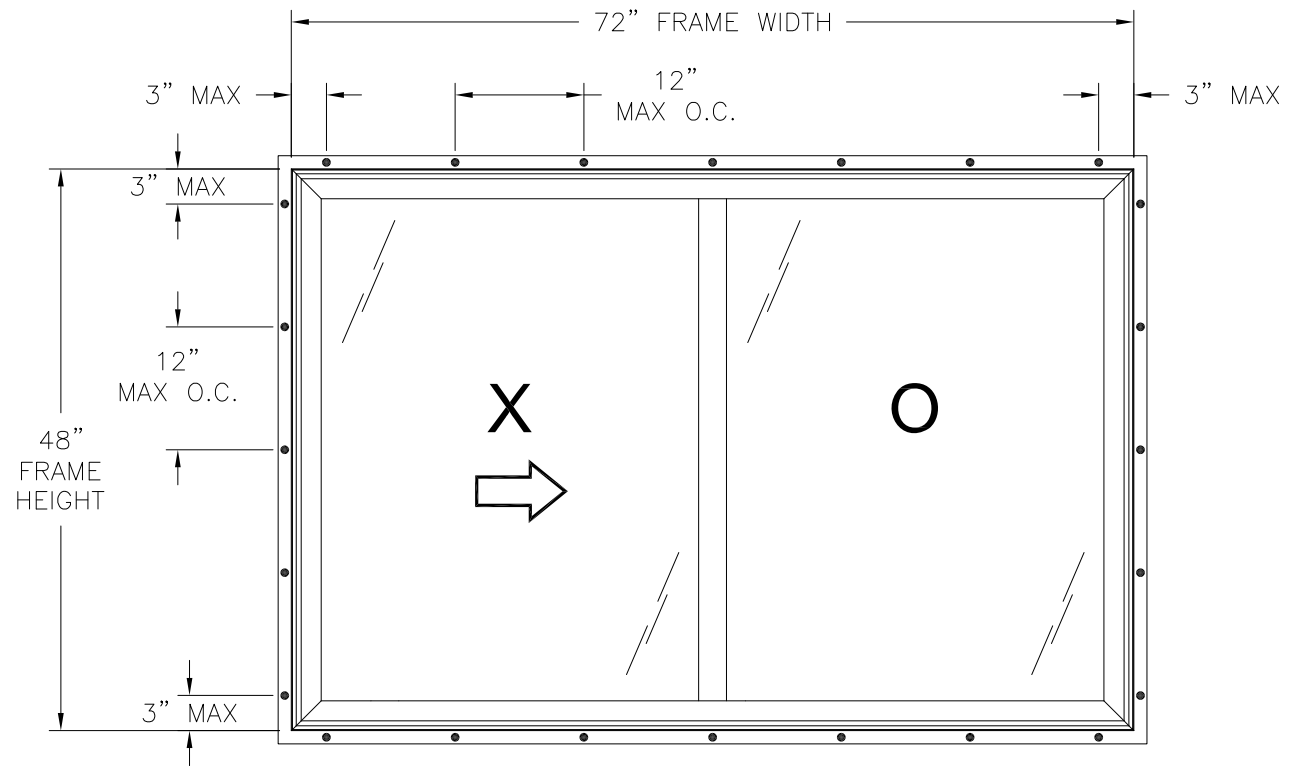
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ACADIAN COMPASS SERIES SINGLE SLIDER
FINLESS INSTALLATION
EXTERIOR VIEW



ACADIAN COMPASS SERIES SINGLE SLIDER
FIN INSTALLATION
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

72" X 48" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 24.0 FT²

NOTES:

1. SASH SIZE: 35 1/4" X 45 1/8"
2. SASH D.L.O.: 32 3/4" X 42 5/8"
3. FIXED LITE D.L.O.: 32 11/16" X 43"

HARDWARE SCHEDULE

A.	(2) METAL CAM LOCK WITH KEEPER AT LOCK STILE, 9-1/2" FROM EACH END
B.	(2) ROLLER ASSEMBLY AT BOTTOM RAIL, ONE AT EACH END
C.	ALUMINUM REINFORCEMENT (A6189) AT FIXED MEETING STILE
D.	ALUMINUM REINFORCEMENT (A6202) AT LOCK STILE

ACADIAN WINDOWS AND SIDING, LLC

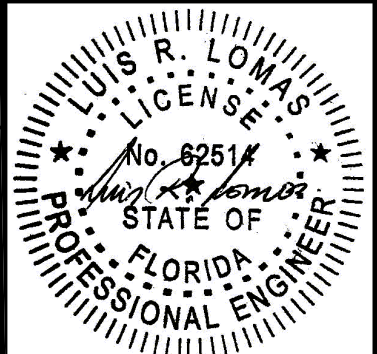
119 ALPHA DRIVE
DESTREHAN, LA 70047

ACADIAN COMPASS SERIES SINGLE SLIDER
NON-IMPACT 72" X 48"
ELEVATIONS

DRAWN: A.R.	DWG NO. 08-04065	REV -
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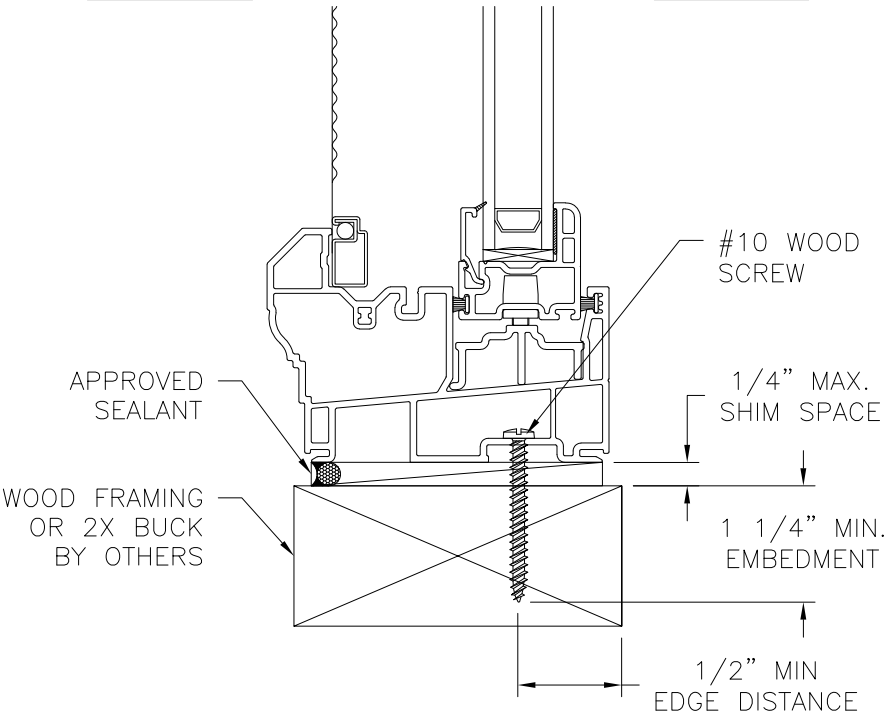
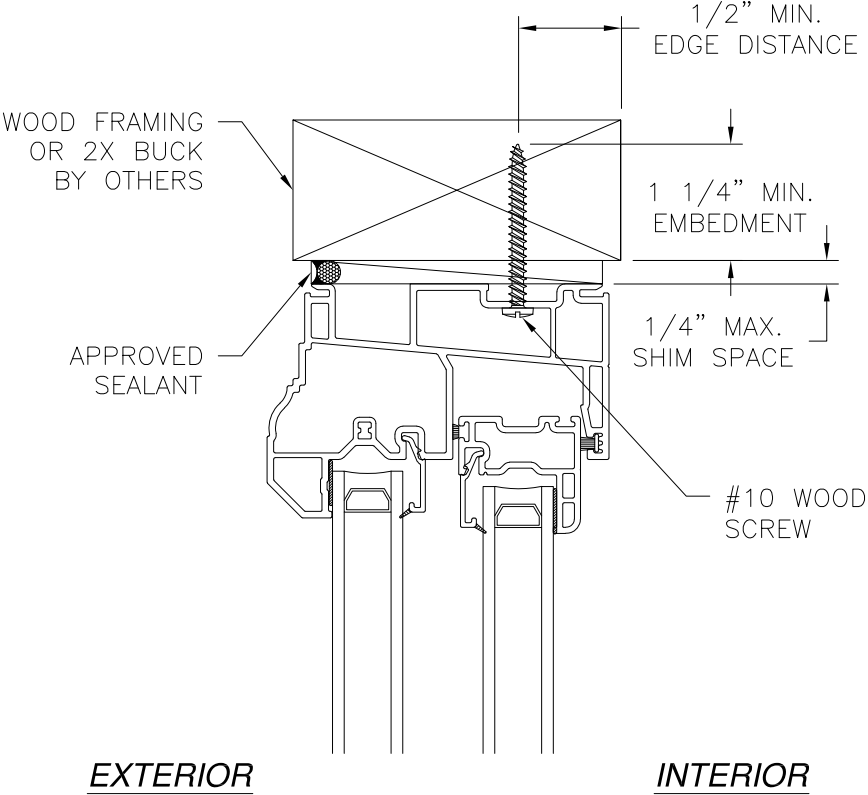
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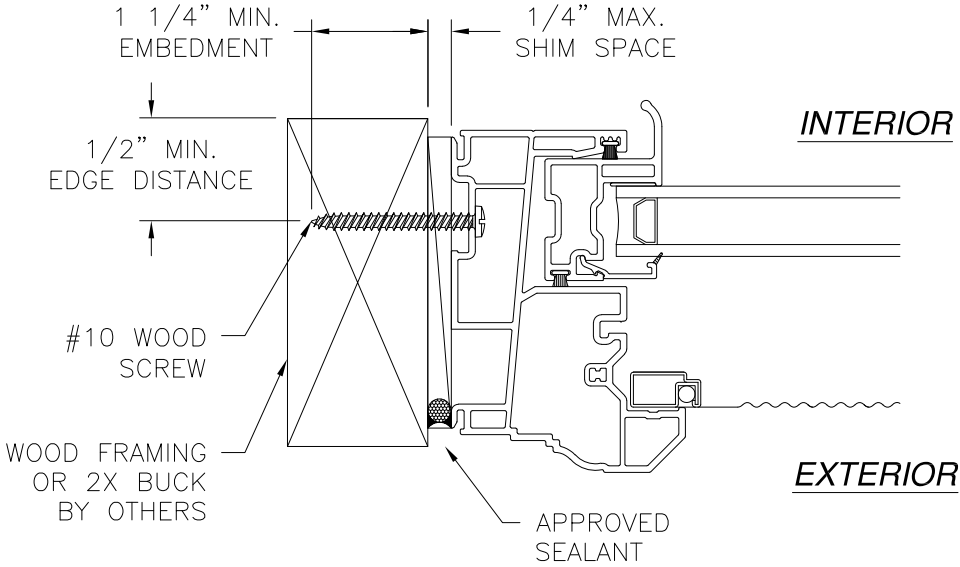
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

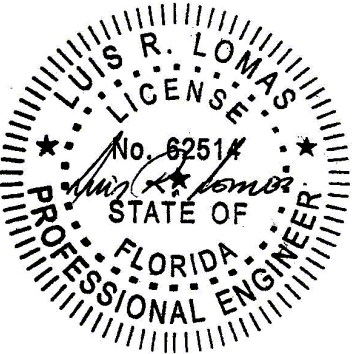
NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

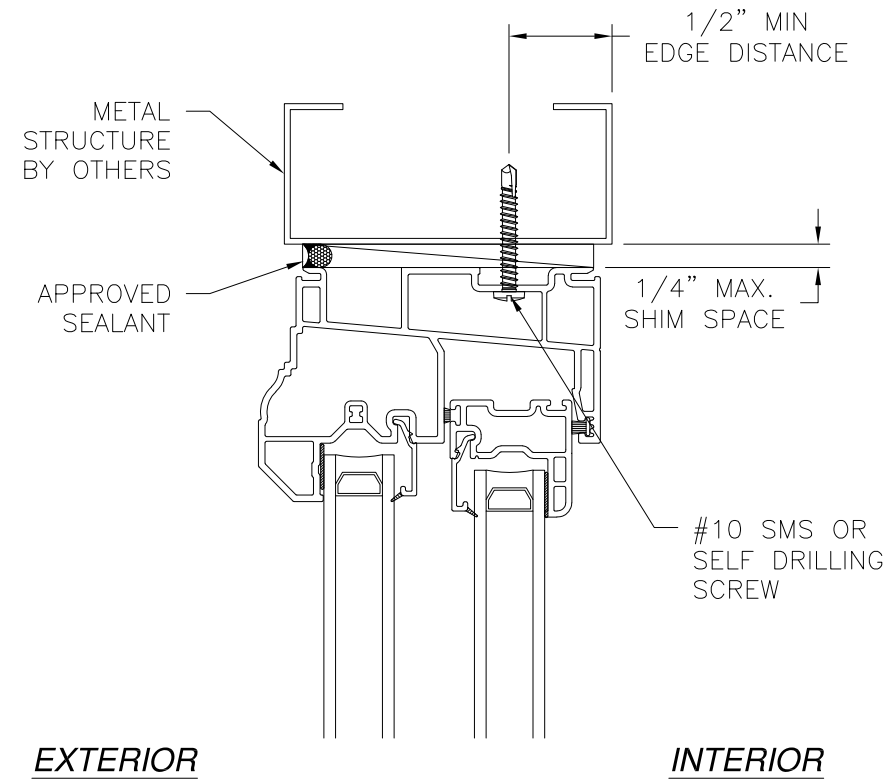
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119 ALPHA DRIVE DESTREHAN, LA 70047		
ACADIAN COMPASS SERIES SINGLE SLIDER NON-IMPACT 72" X 48" INSTALLATION DETAILS		
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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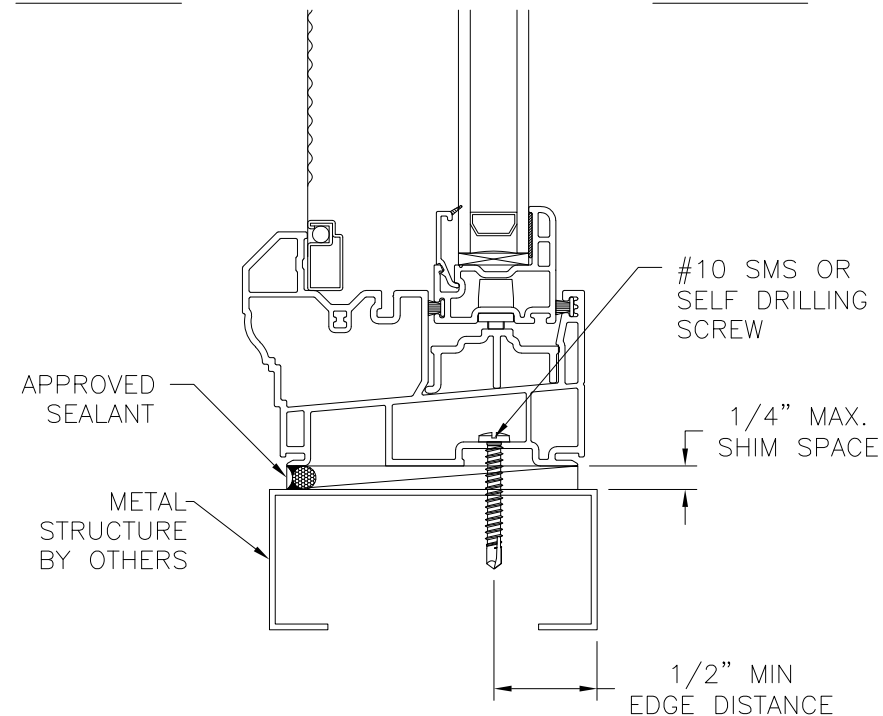
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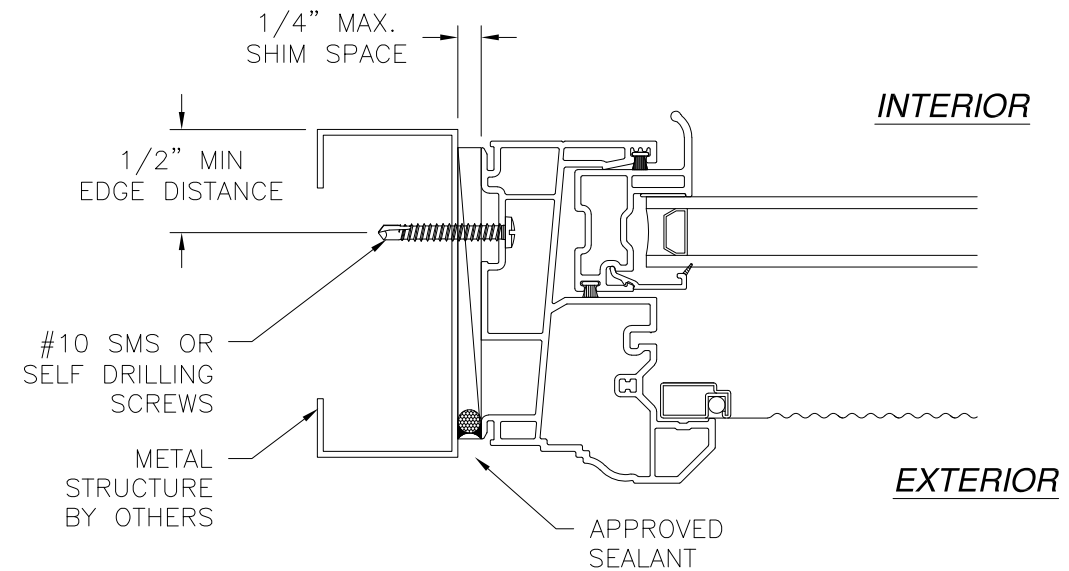
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INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

ACADIAN WINDOWS AND SIDING, LLC

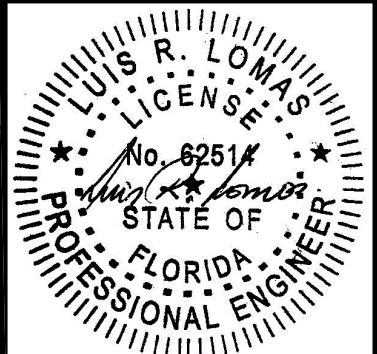
119 ALPHA DRIVE
DESTREHAN, LA 70047

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INSTALLATION DETAILS

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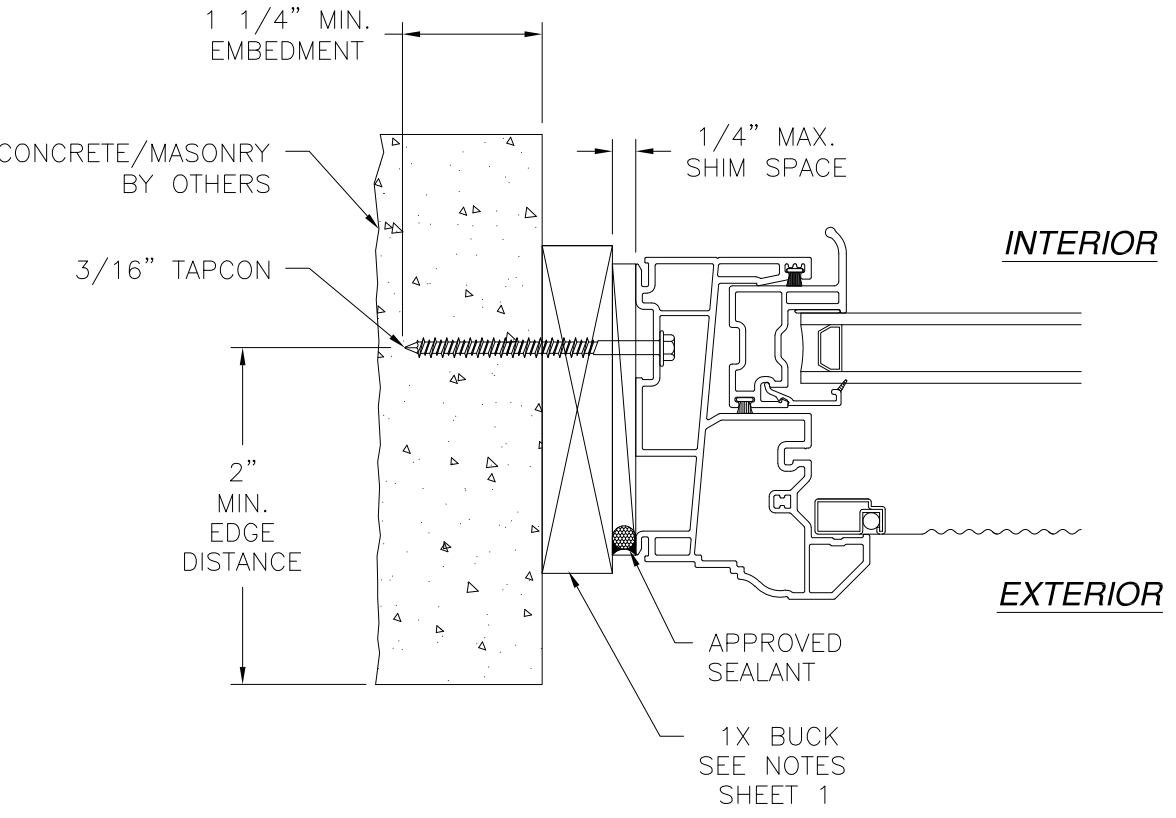
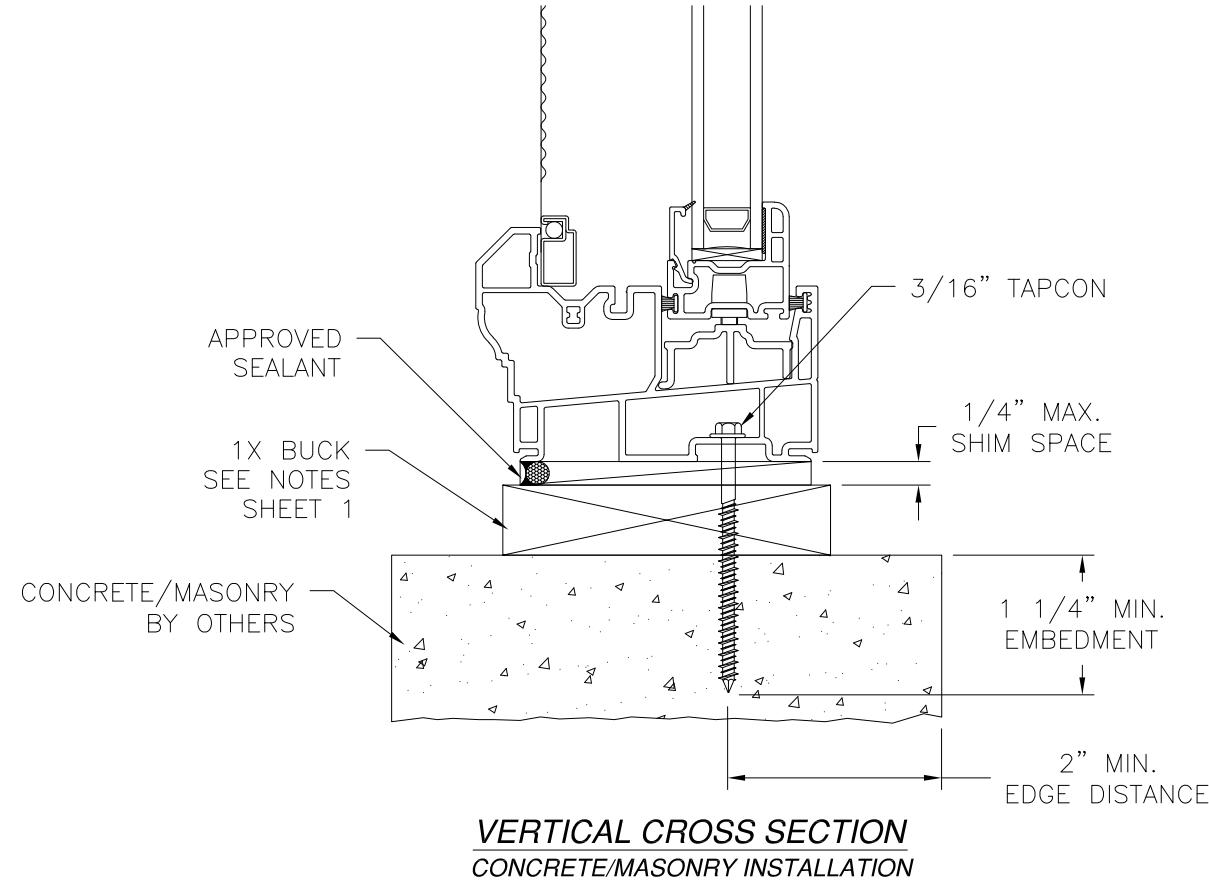
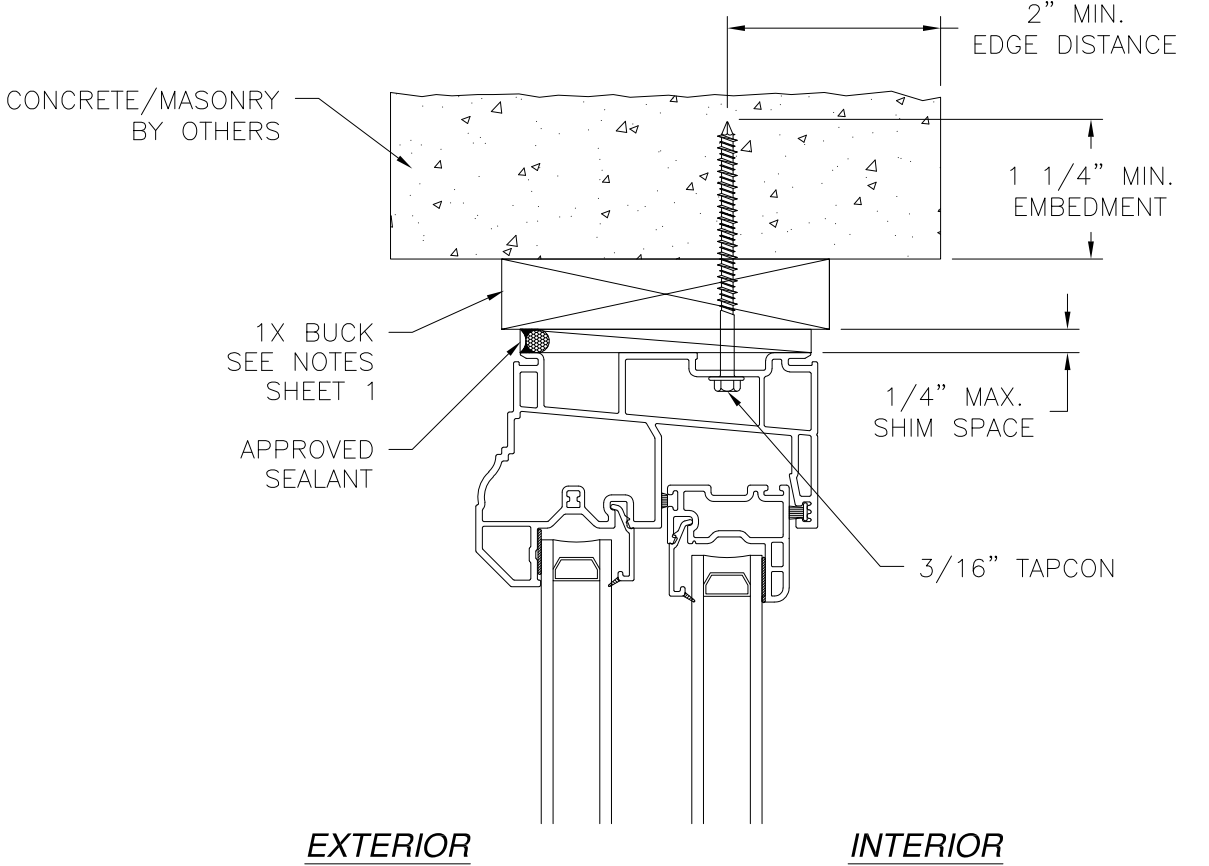
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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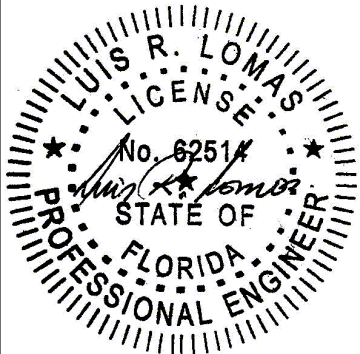
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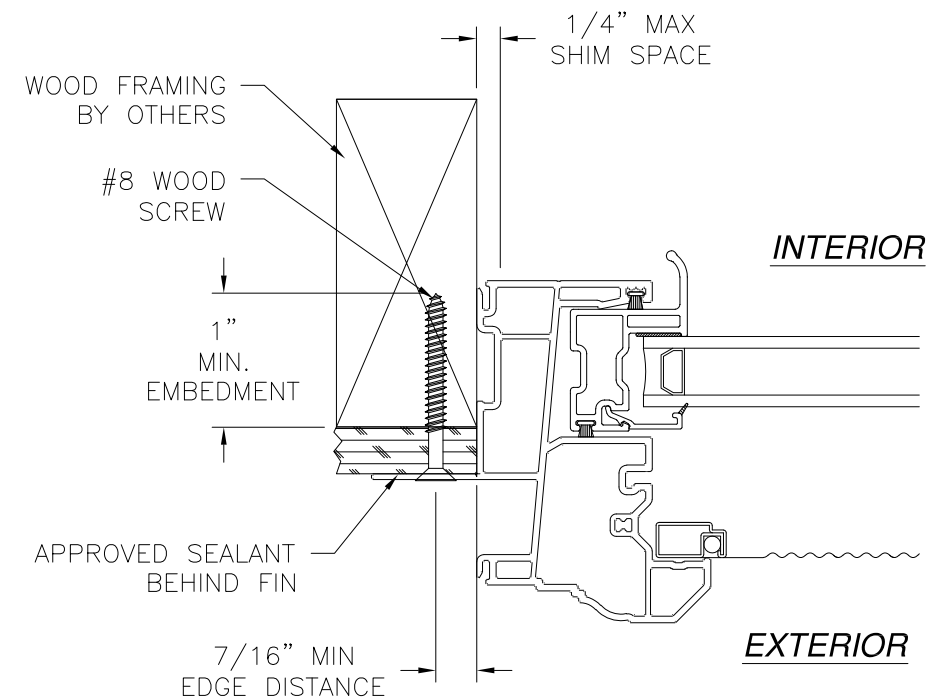
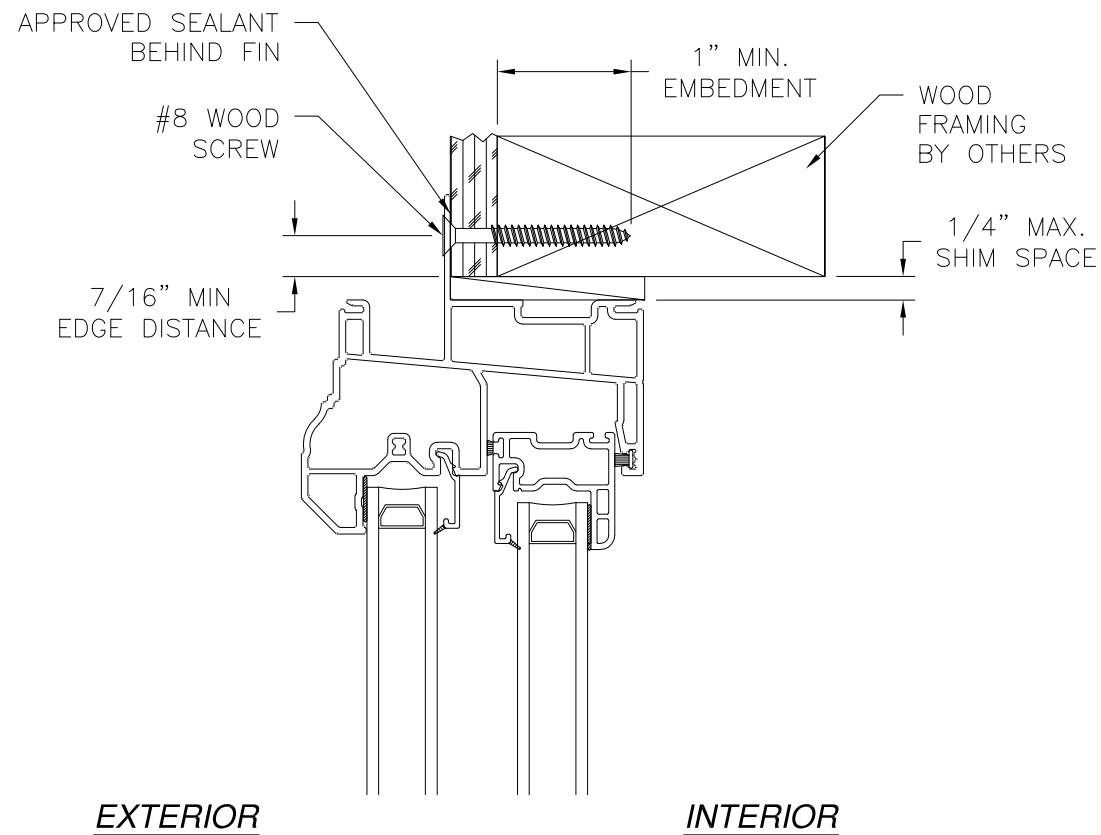
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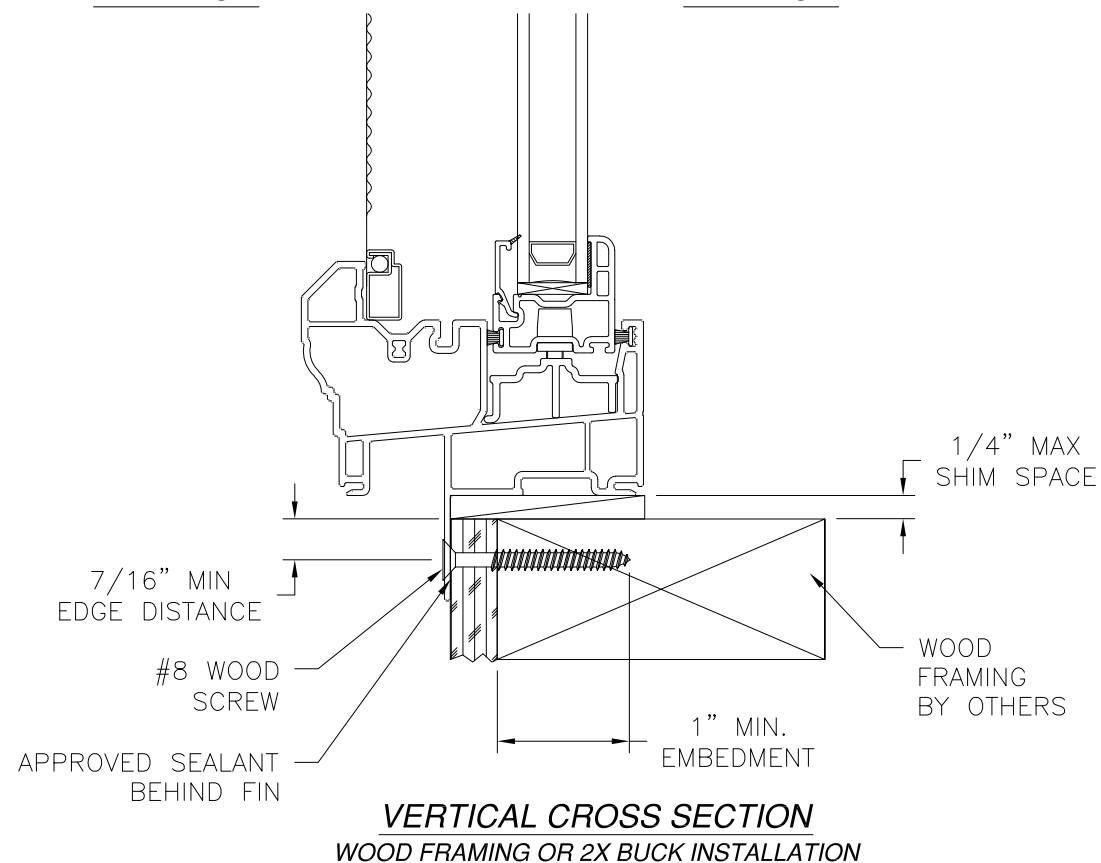
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

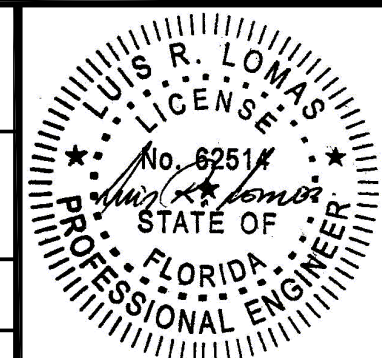
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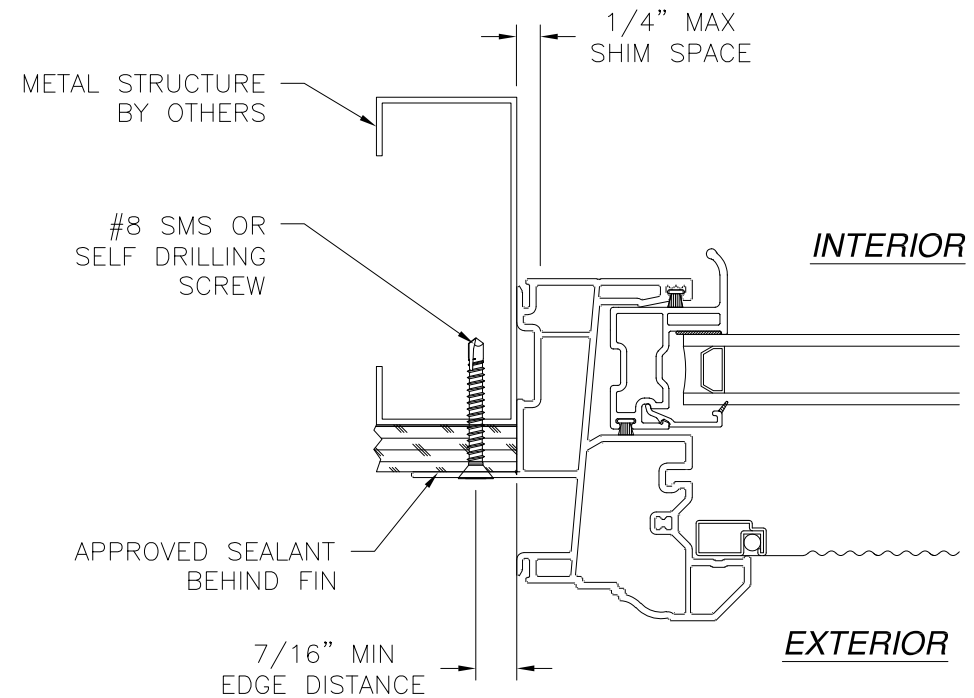
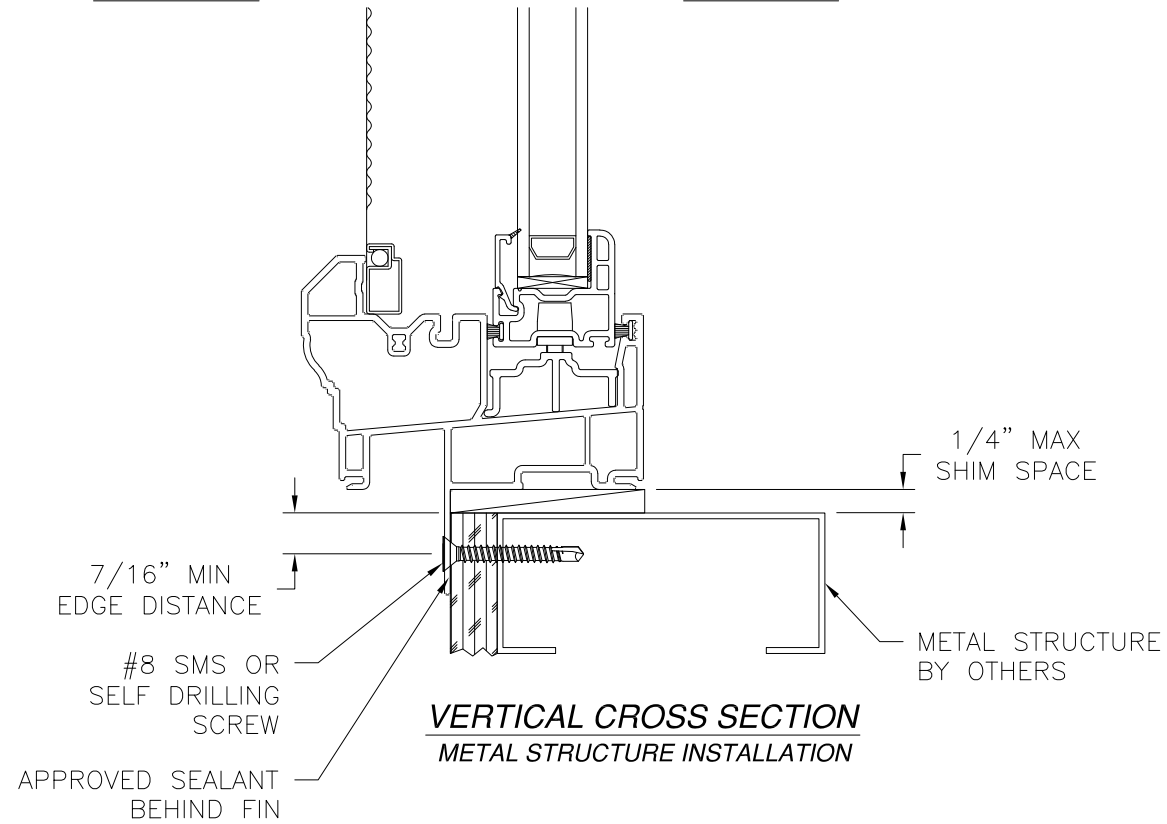
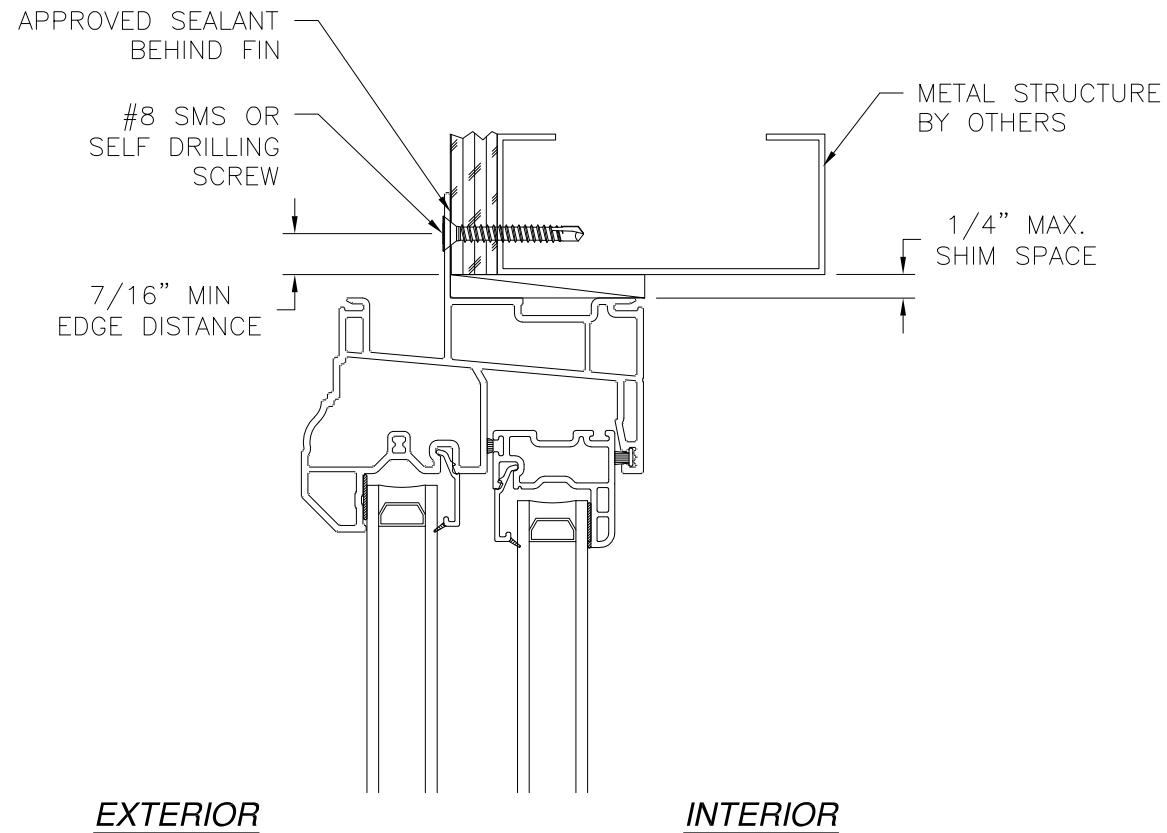
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

ACADIAN WINDOWS AND SIDING, LLC 119 ALPHA DRIVE DESTREHAN, LA 70047		
ACADIAN COMPASS SERIES SINGLE SLIDER NON-IMPACT 72" X 48" INSTALLATION DETAILS		
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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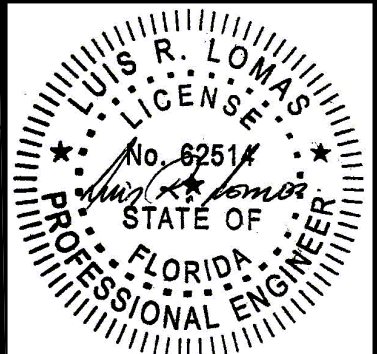
ACADIAN WINDOWS AND SIDING, LLC

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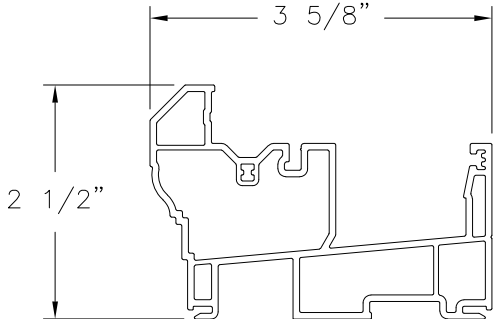
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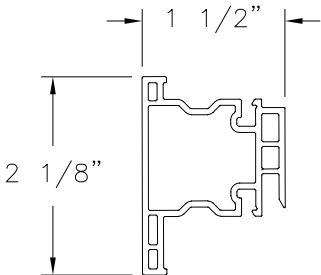


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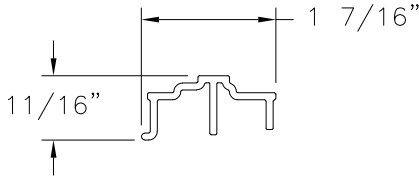
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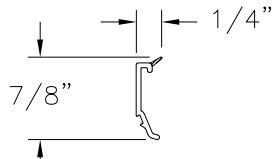
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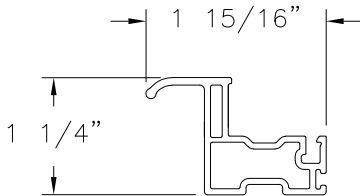
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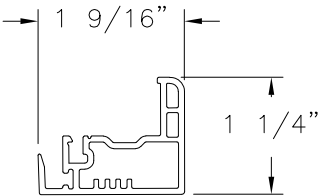
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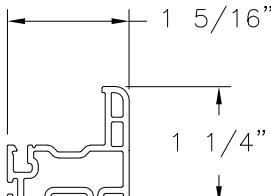
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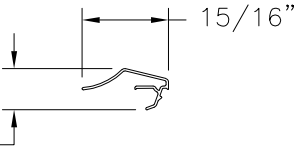
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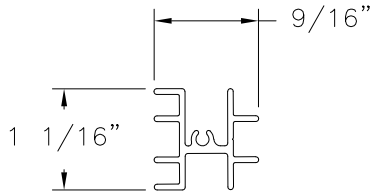
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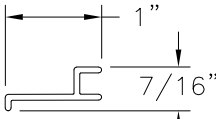
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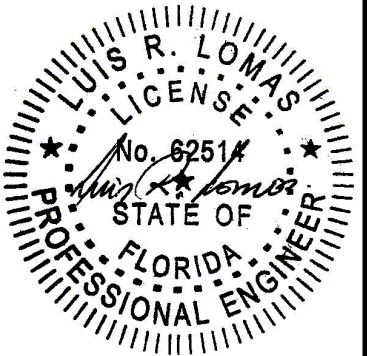
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EXTRUDED ALUMINUM



SASH REINFORCEMENT (A6202)
EXTRUDED ALUMINUM

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ACADIAN COMPASS SERIES SINGLE SLIDER NON-IMPACT 72" X 48" COMPONENTS		
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