

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 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” 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. 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 UNIT FRAME 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 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.

15. 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.
16. 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.
17. 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.
18. 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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 .125” THICK MINIMUM

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2	ELEVATIONS
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KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 200/275 TWIN SINGLE HUNG WINDOW
CONTINUOUS HEAD AND SILL NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03647

REV
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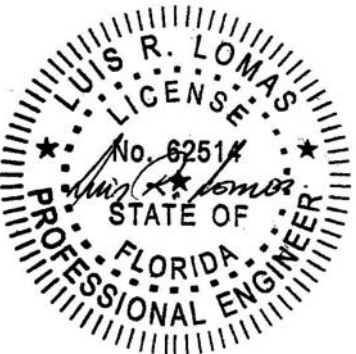
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DATE 12/03/2020

SHEET 1 OF 9

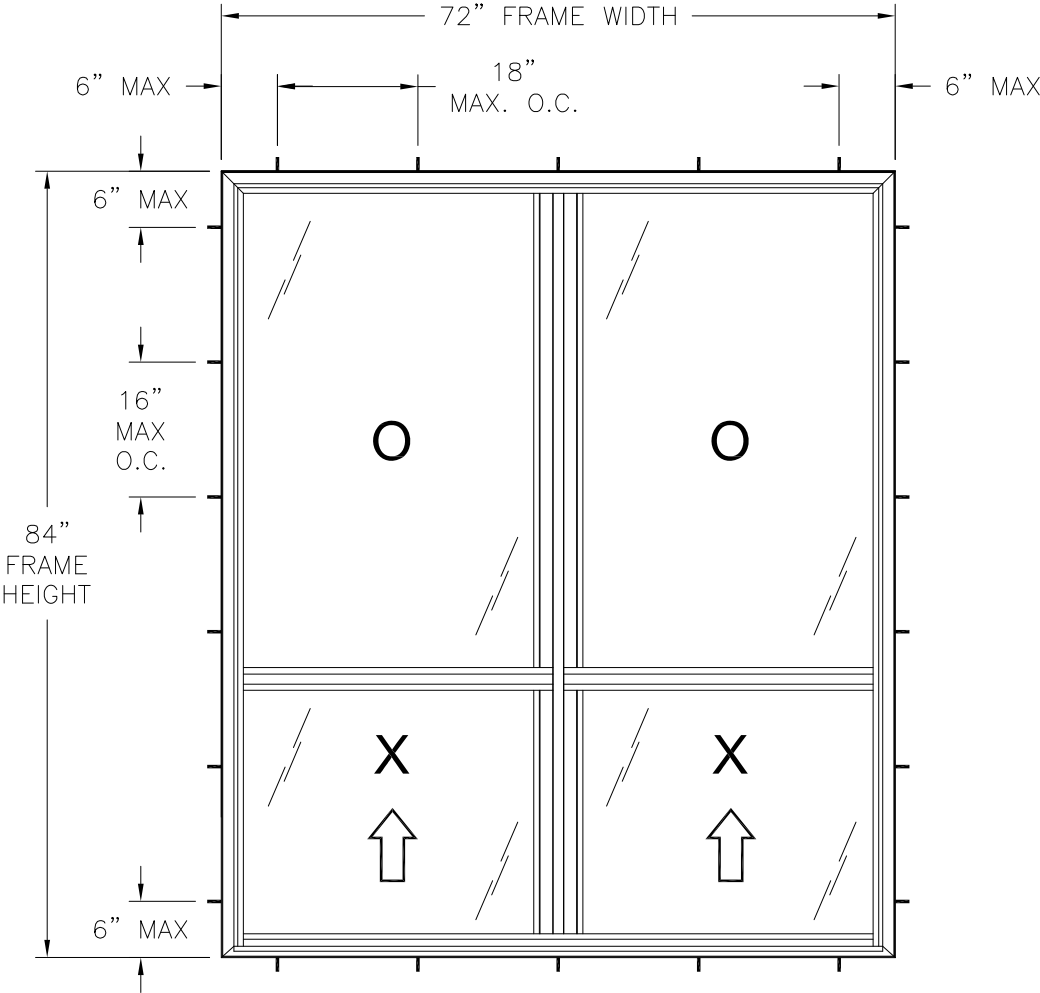
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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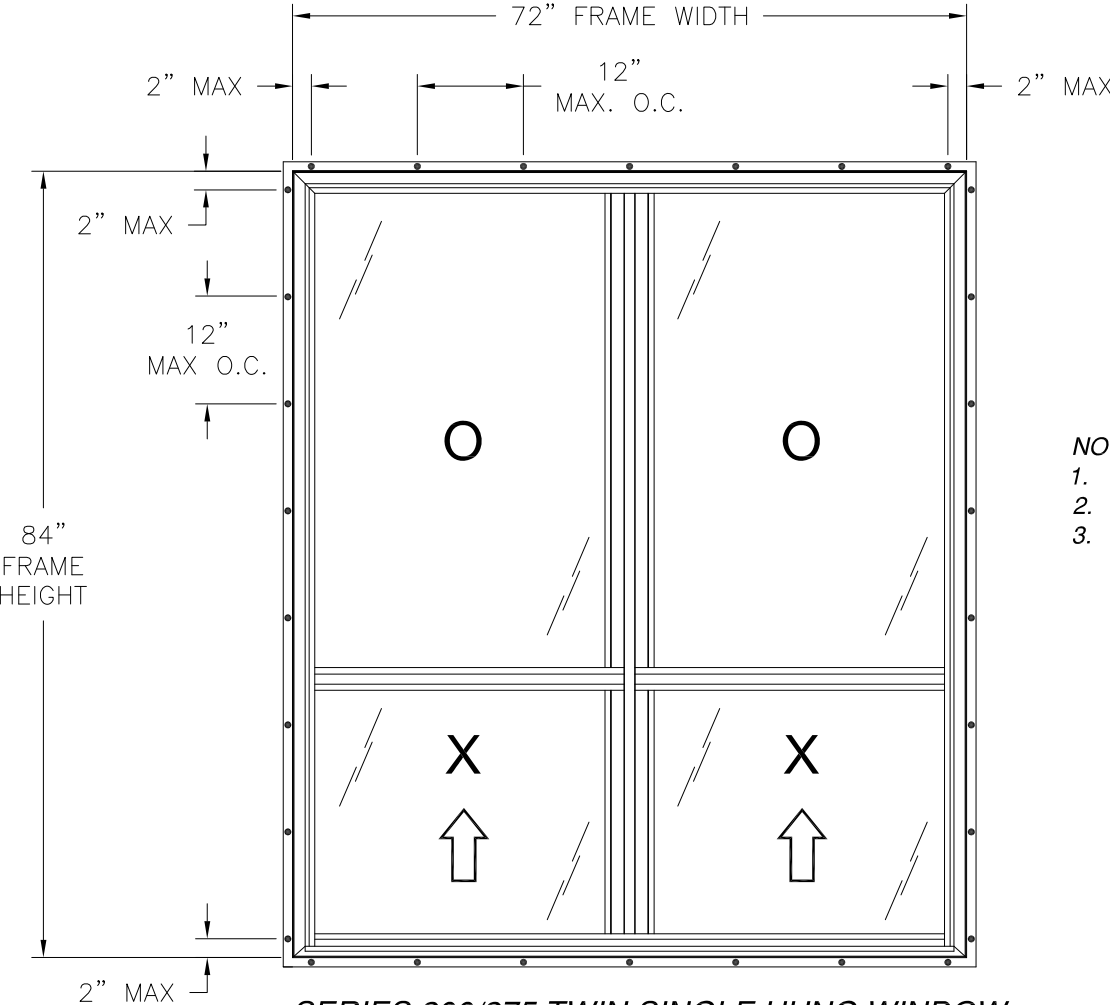


Luis R. Lomas P.E.
FL No.: 62514

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SERIES 200/275 TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



SERIES 200/275 TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

- NOTES:**
- 1. SASH SIZE: 33 7/16" X 28 3/4"
 - 2. SASH D.L.O.: 30 1/2" X 26"
 - 3. FIXED D.L.O.: 30 7/8" X 49 15/16"

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

72" X 84" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 42.0 FT²

HARDWARE SCHEDULE	
A.	(4) METAL CAM LOCK AT LOCK RAIL, ONE 8" FROM EACH END OF SASH
B.	(4) RECESSED PLASTIC TILT LATCH AT TOP CORNERS OF EACH SASH
C.	(4) METAL PIVOT BARS AT BOTTOM RAILS, ONE AT EACH END
D.	(8) CALDWELL SERIES 77 BALANCE, ONE PER JAMB AND TWO PER INTEGRAL MULLION
E.	ALUMINUM REINFORCEMENT (200A) AT FIXED MEETING RAIL
F.	ALUMINUM REINFORCEMENT (731-A) AT LOCK RAIL AND STILES
G.	ALUMINUM REINFORCEMENT (M-14868) AT INTEGRAL MULLION

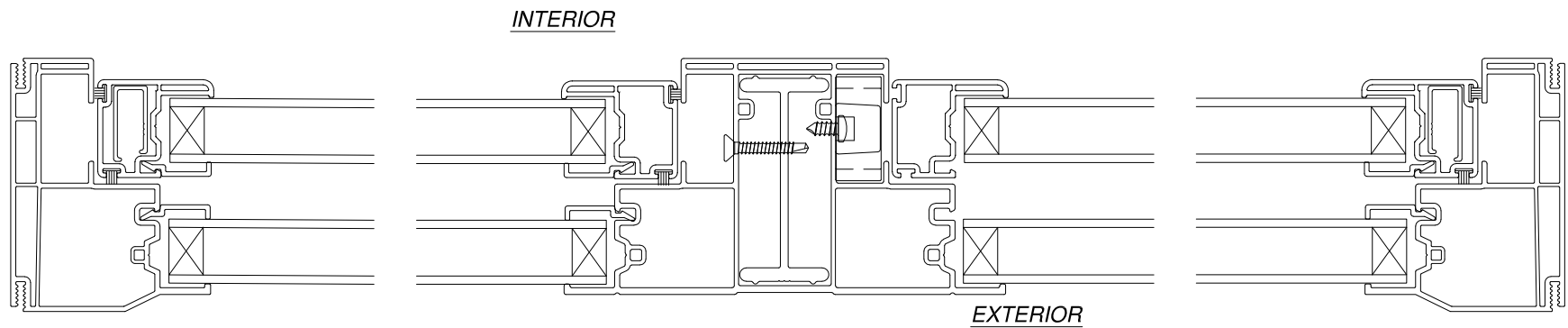
KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
SERIES 200/275 TWIN SINGLE HUNG WINDOW CONTINUOUS HEAD AND SILL NON-IMPACT ELEVATIONS		
DRAWN: A.R.	DWG NO. 08-03647	REV —
SCALE NTS	DATE 12/03/2020	SHEET 2 OF 9
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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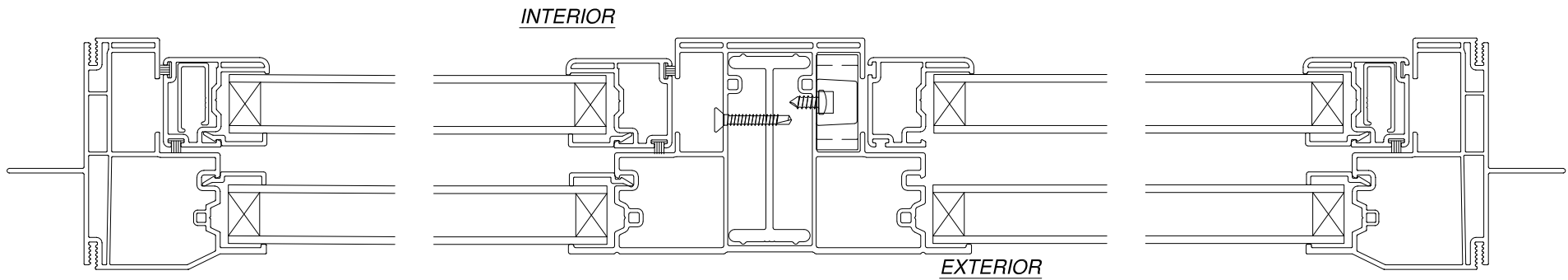


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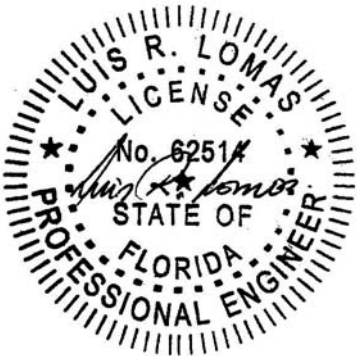
HORIZONTAL CROSS SECTION
FINLESS FRAME



HORIZONTAL CROSS SECTION
FIN FRAME

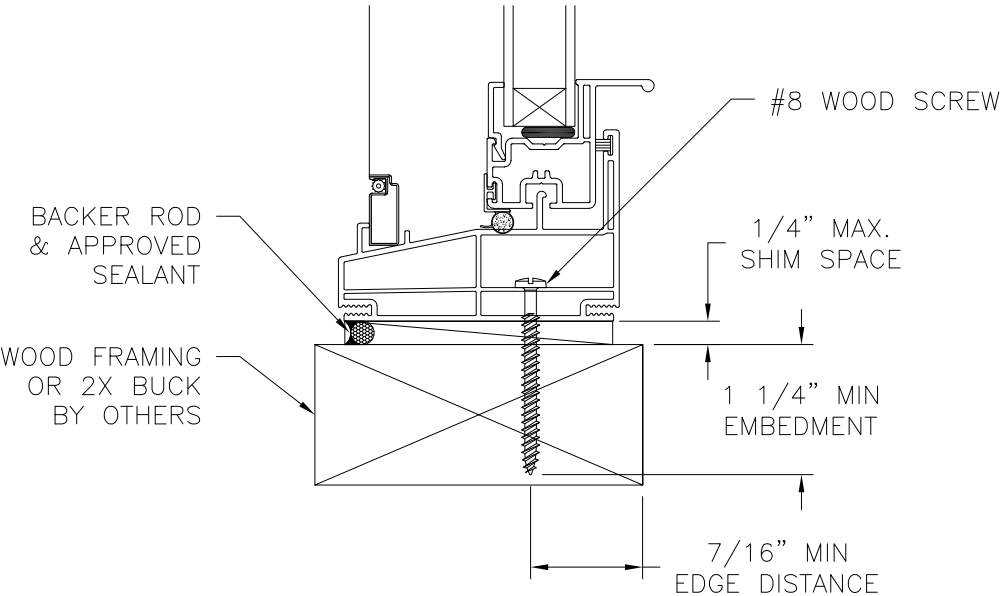
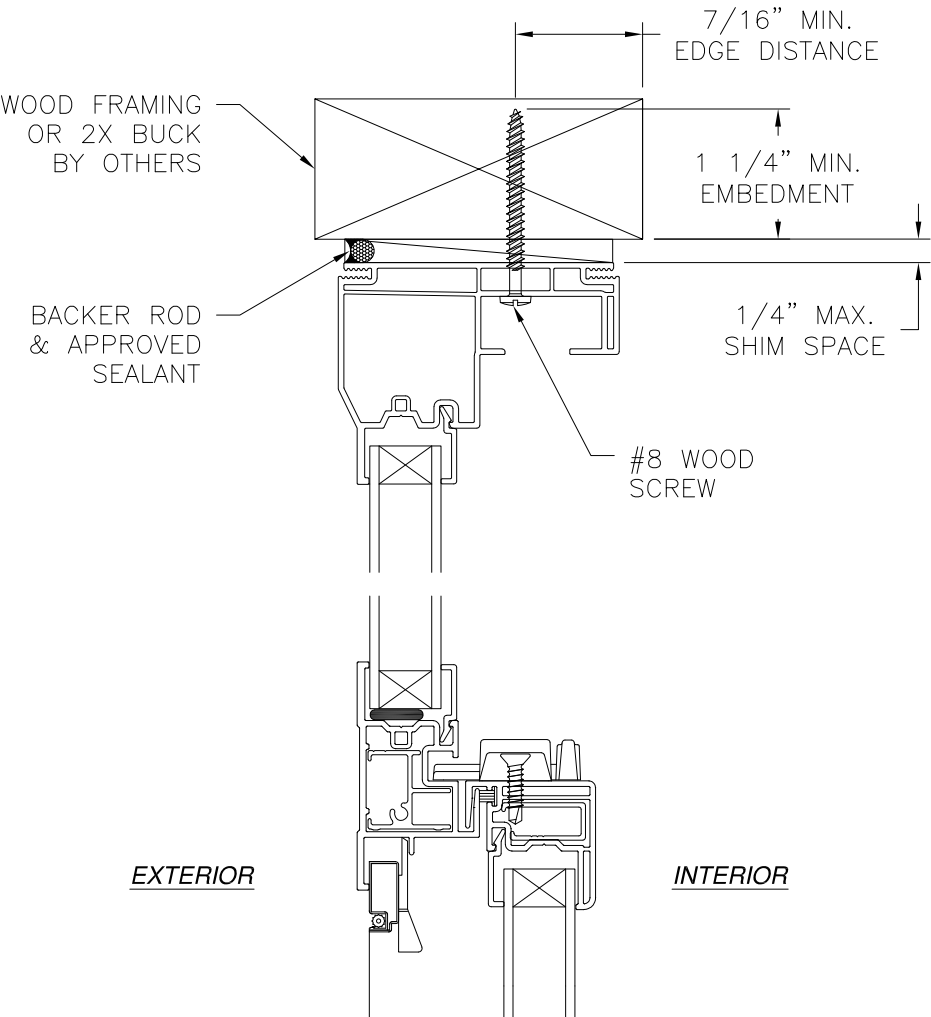
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SERIES 200/275 TWIN SINGLE HUNG WINDOW CONTINUOUS HEAD AND SILL NON-IMPACT HORIZONTAL CROSS SECTIONS		
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L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

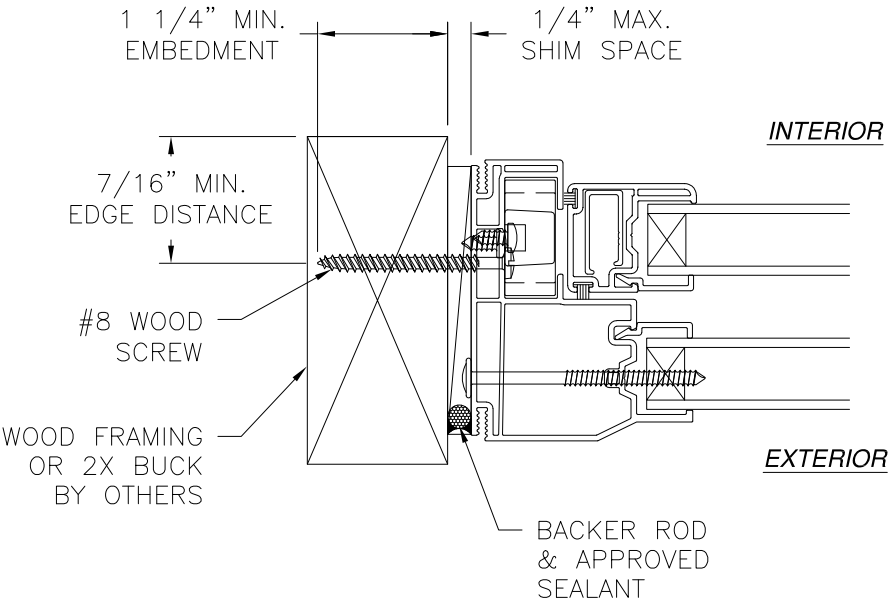


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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

SIGNED: 12/11/2020

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CONTINUOUS HEAD AND SILL NON-IMPACT
INSTALLATION DETAILS

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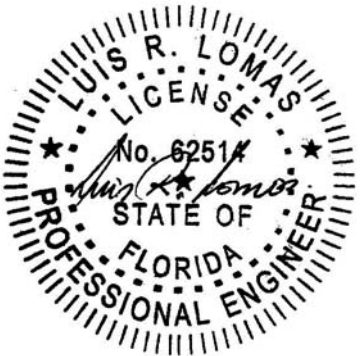
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SHEET 4 OF 9

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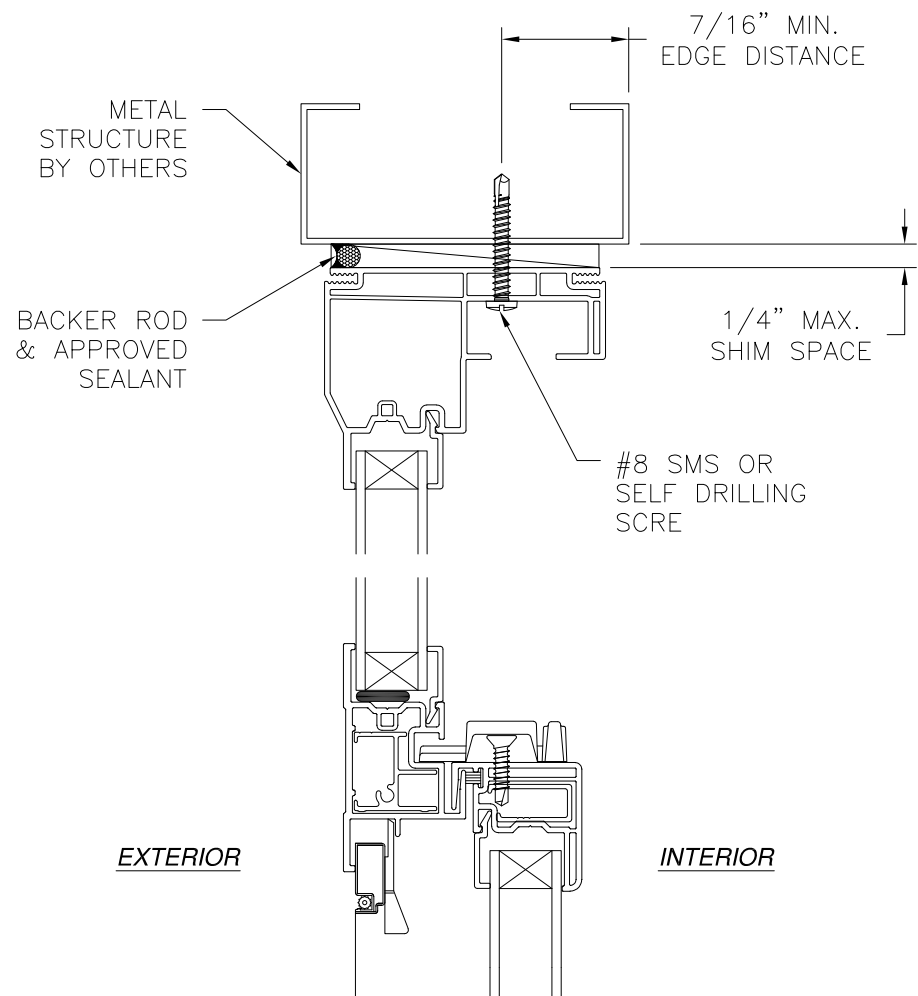
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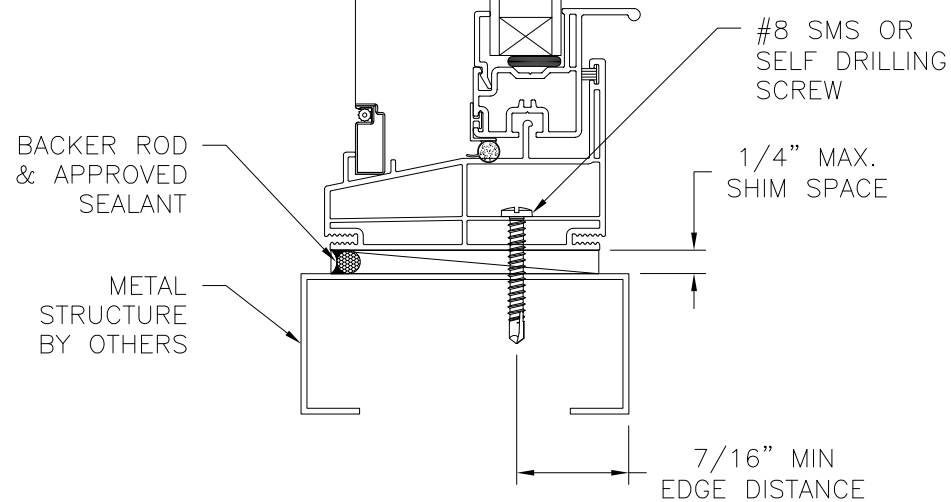
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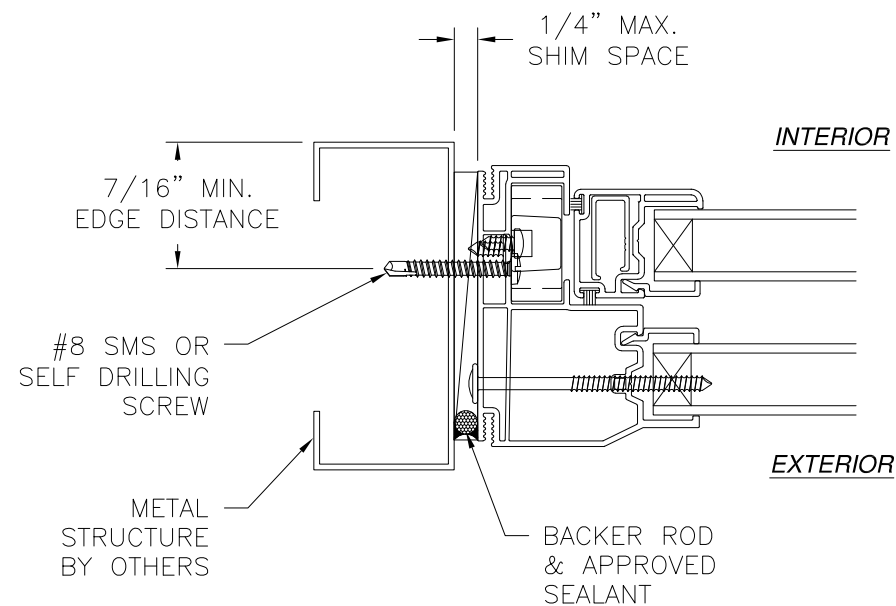


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

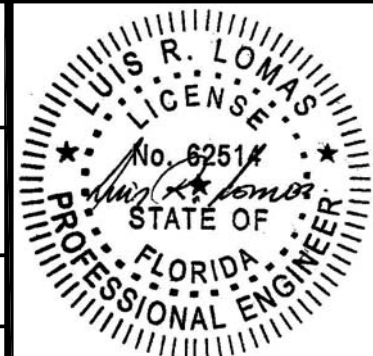
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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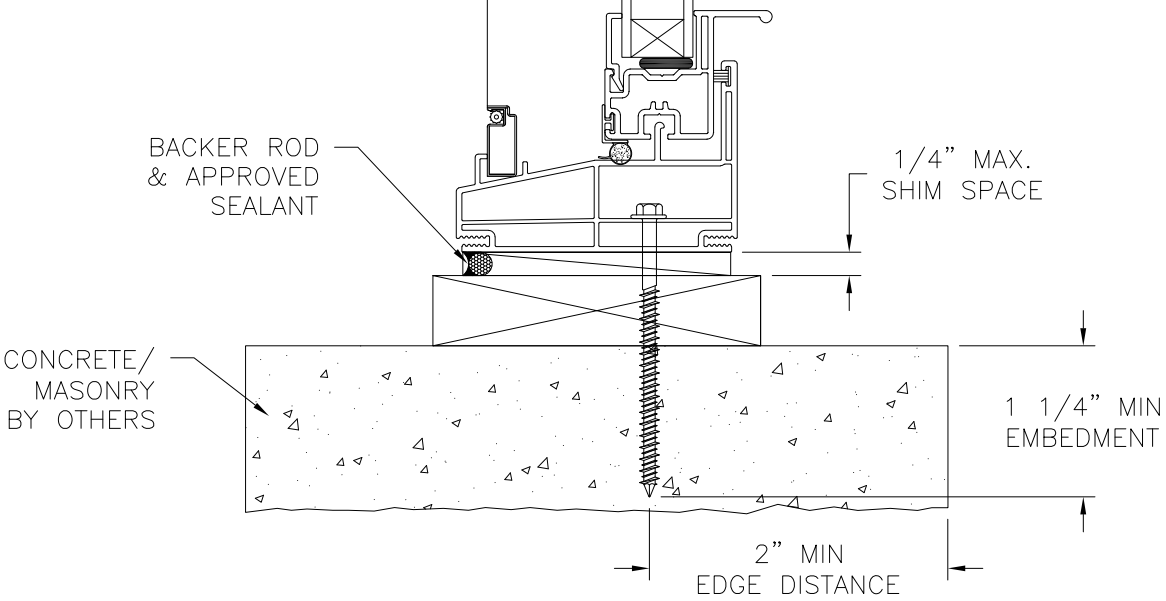
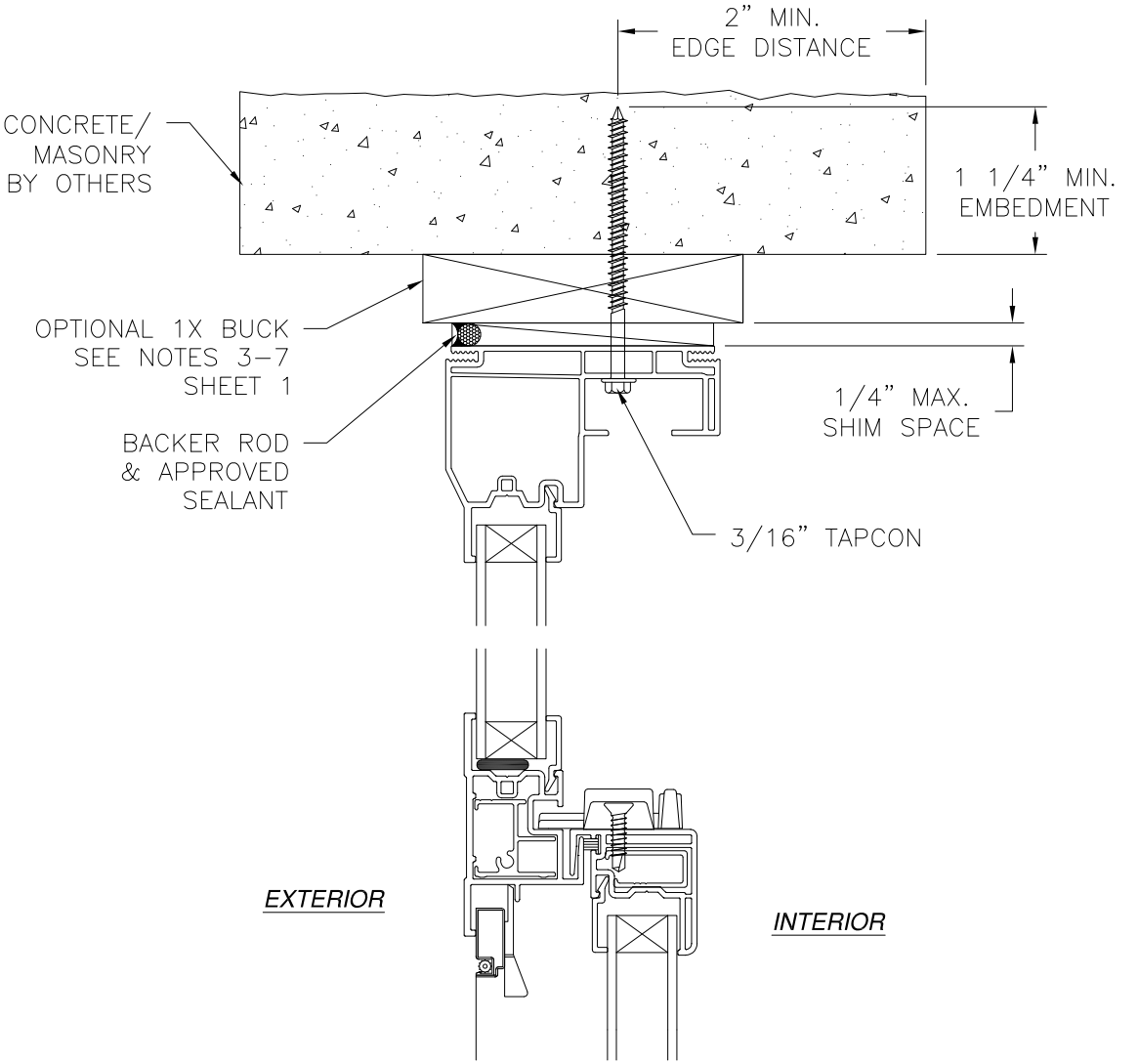
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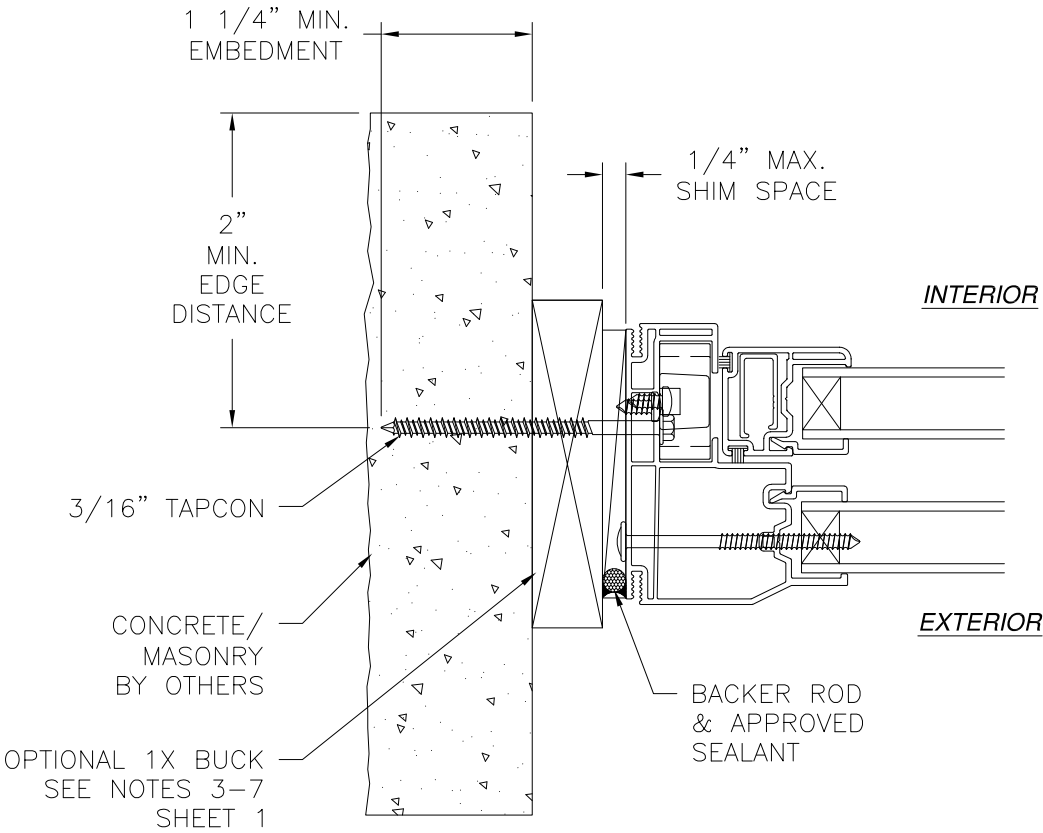


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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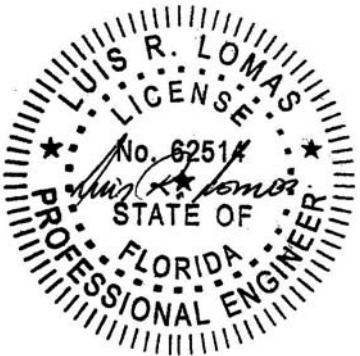
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SHEET 6 OF 9

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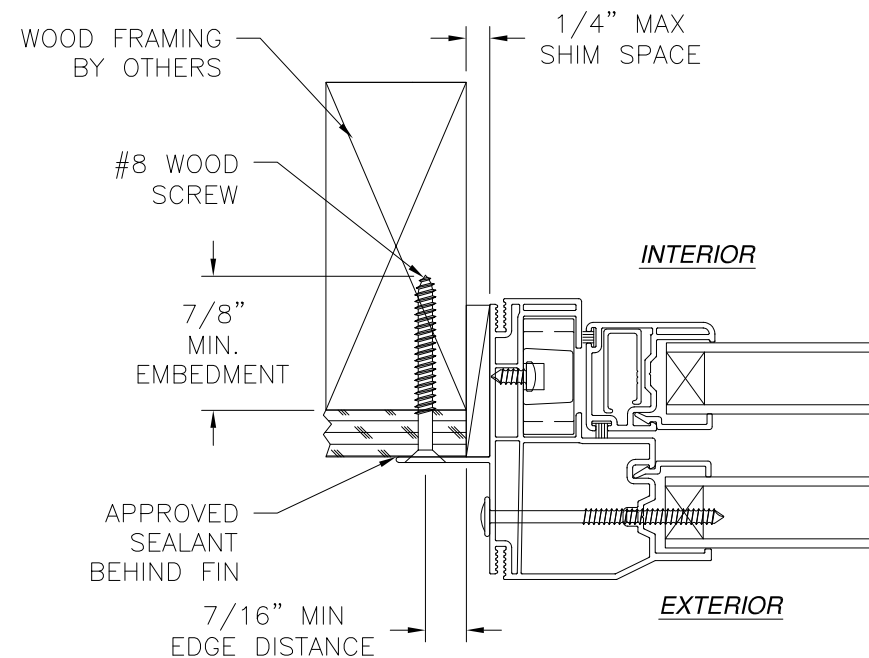
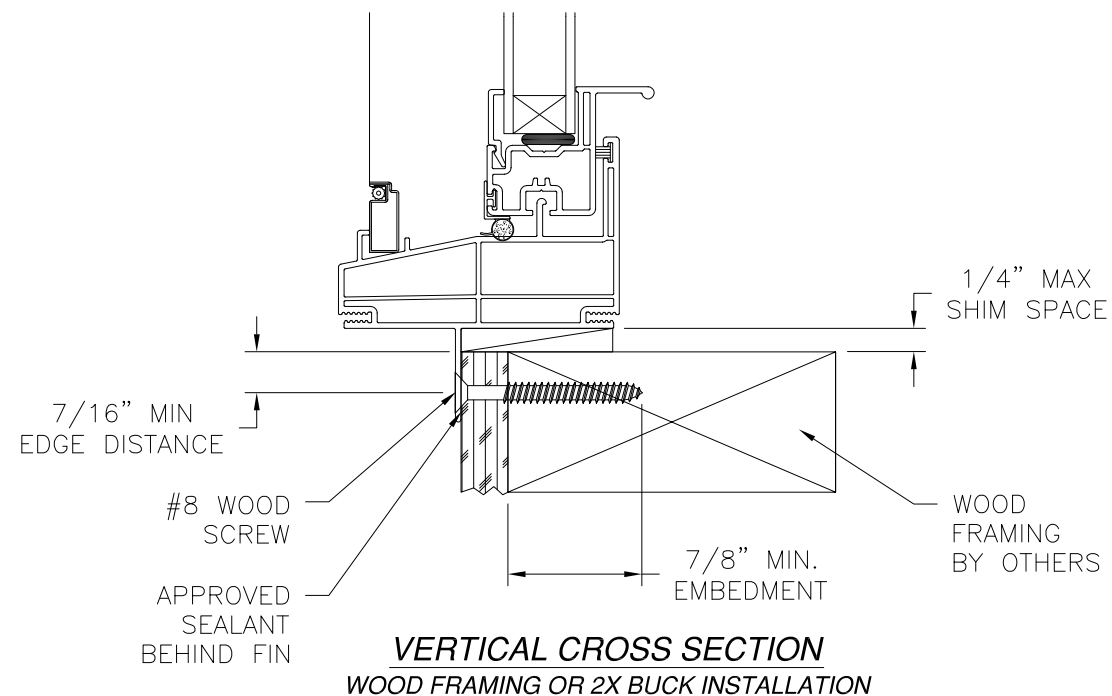
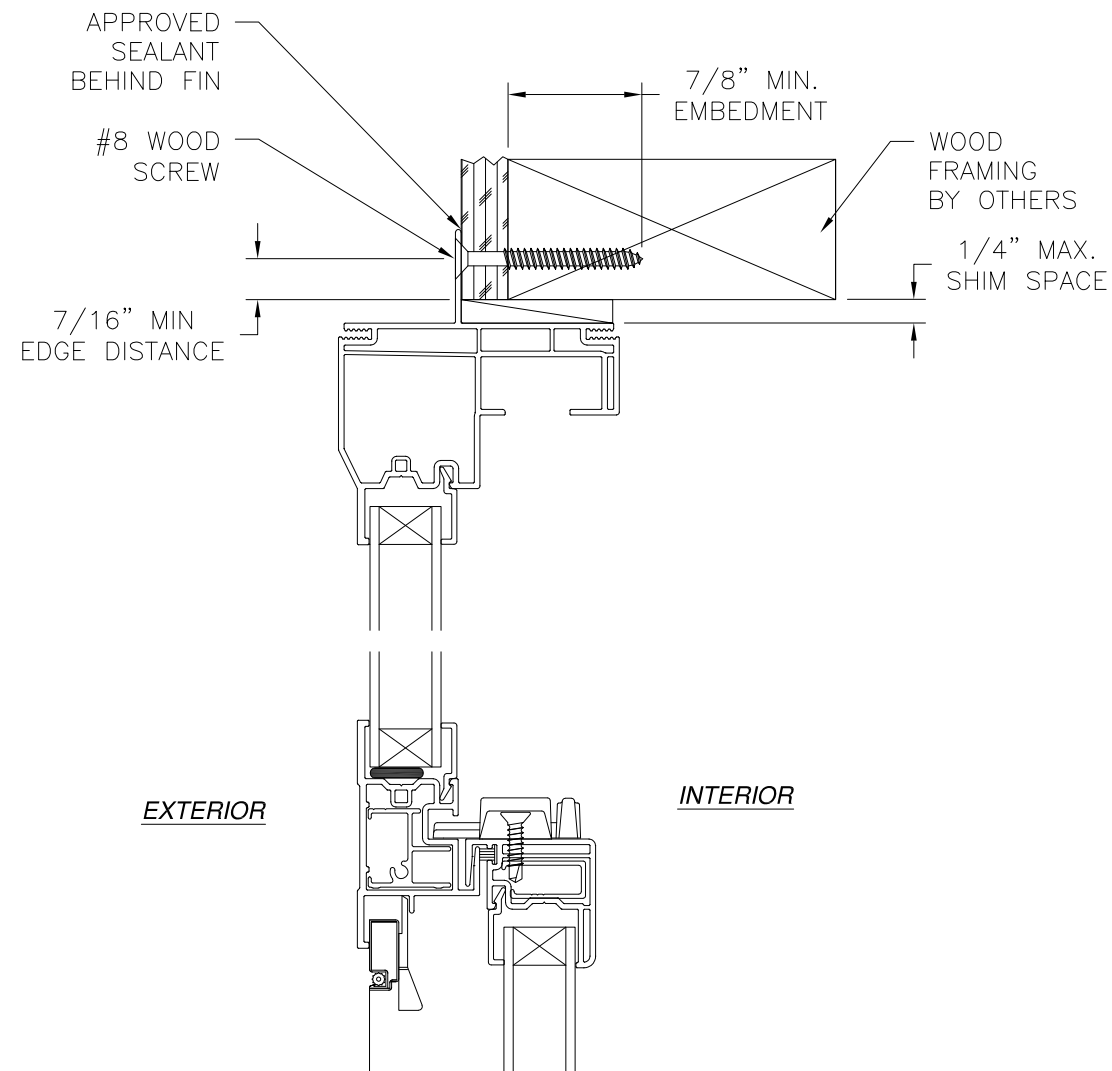
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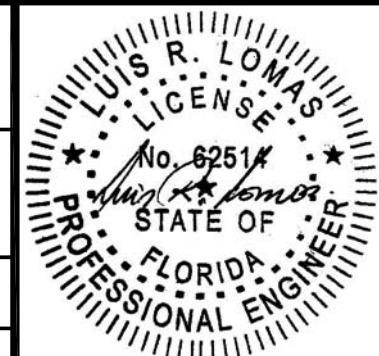
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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APPROVED SEALANT BEHIND FIN

#8 SMS OR SELF DRILLING SCREW

7/16" MIN EDGE DISTANCE

METAL STRUCTURE BY OTHERS

1/4" MAX. SHIM SPACE

EXTERIOR

INTERIOR

7/16" MIN EDGE DISTANCE

#8 SMS OR SELF DRILLING SCREW

APPROVED SEALANT BEHIND FIN

1/4" MAX SHIM SPACE

METAL STRUCTURE BY OTHERS

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

METAL STRUCTURE BY OTHERS

1/4" MAX SHIM SPACE

#8 SMS OR SELF DRILLING SCREW

APPROVED SEALANT BEHIND FIN

7/16" MIN EDGE DISTANCE

INTERIOR

EXTERIOR

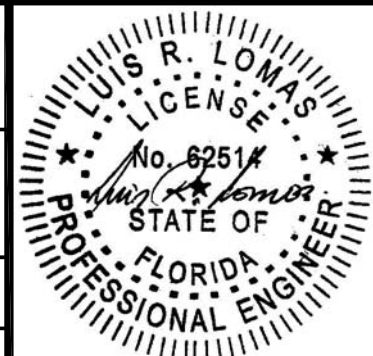
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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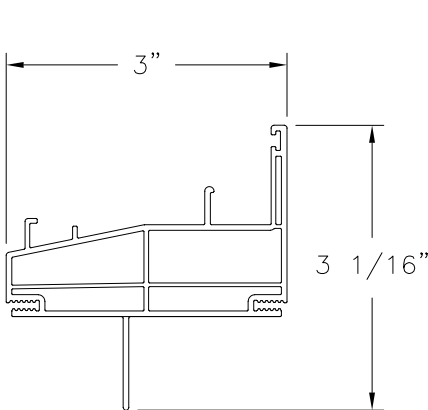
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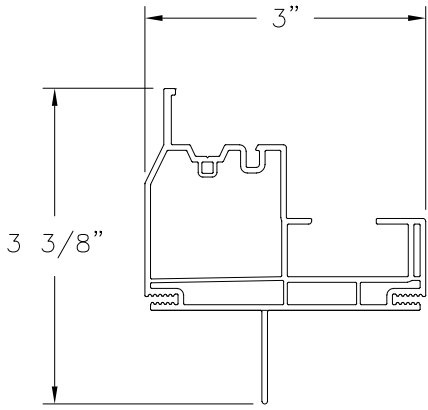


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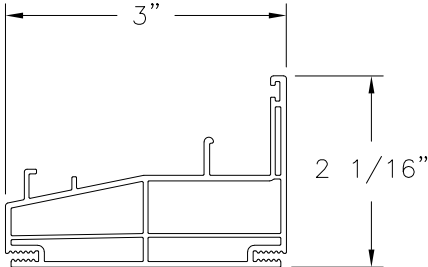
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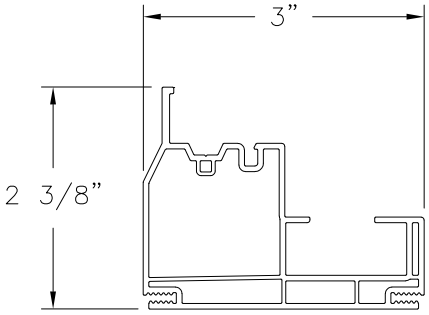
**SILL
FIN INSTALLATION (CH9202)**
EXTRUDED RIGID PVC



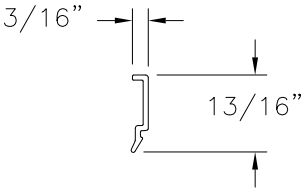
**HEAD AND JAMB
FIN INSTALLATION (CH9203)**
EXTRUDED RIGID PVC



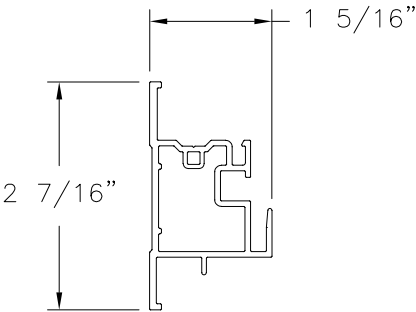
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EXTRUDED RIGID PVC



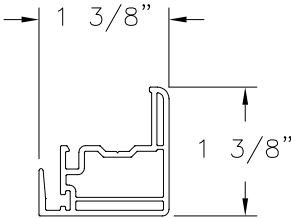
HEAD AND JAMB (CH9203)
EXTRUDED RIGID PVC



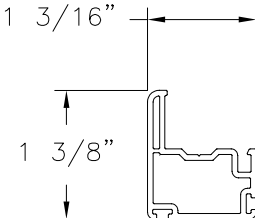
GLAZING BEAD (DT1770-R)
EXTRUDED RIGID PVC



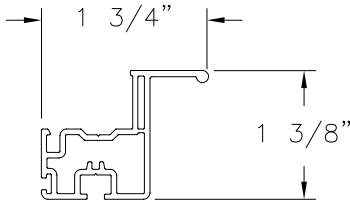
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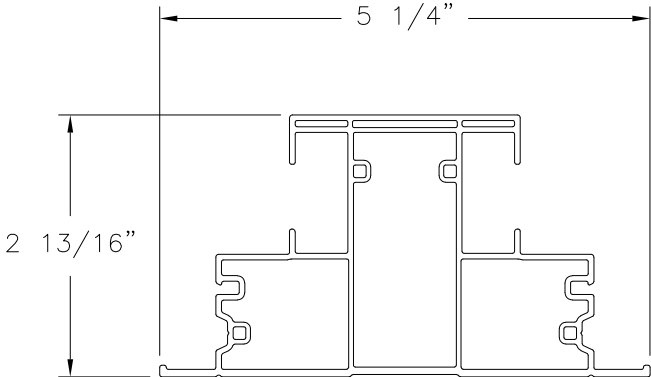
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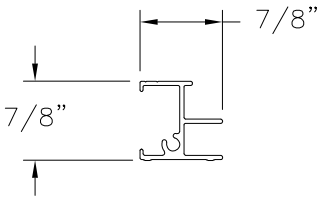
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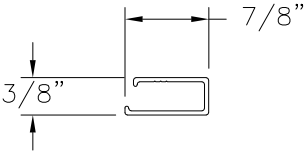
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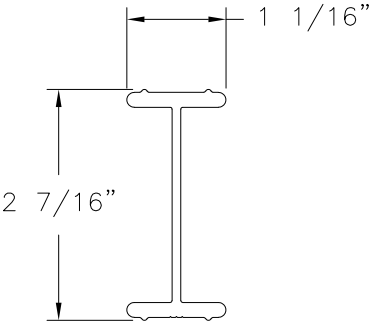
T MULLION (CH-9286)
EXTRUDED RIGID PVC



REINFORCEMENT (200A)
ALUMINUM 6005-T5



REINFORCEMENT (731-A)
ALUMINUM 6005-T5



**T MULLION
REINFORCEMENT (M-14868)**
ALUMINUM 6063-T5

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