

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	02/21/18	R.L.

- 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. 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.
 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 5. FRAME MATERIAL: EXTRUDED RIGID PVC.
 6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, WITH SAFETY GLASS.
 7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 9. FOR FIN ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #6 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 10. FOR FRAME ANCHORING 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 DETAIL
 11. FOR FRAME ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 12. FOR FRAME ANCHORING 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.
 13. ALL FASTENERS TO BE CORROSION RESISTANT.
 14. 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 .048" THICK MINIMUM

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MI WINDOWS & DOORS, LLC.

650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 910 PVC SLIDING GLASS DOOR
72" x 96" NON-IMPACT
NOTES

DRAWN:
A.P.

DWG NO.
08-01901

REV
A

SCALE NTS

DATE 01/28/13

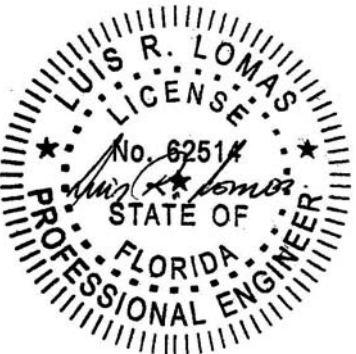
SHEET 1 OF 7

L. ROBERTO LOMAS P.E.

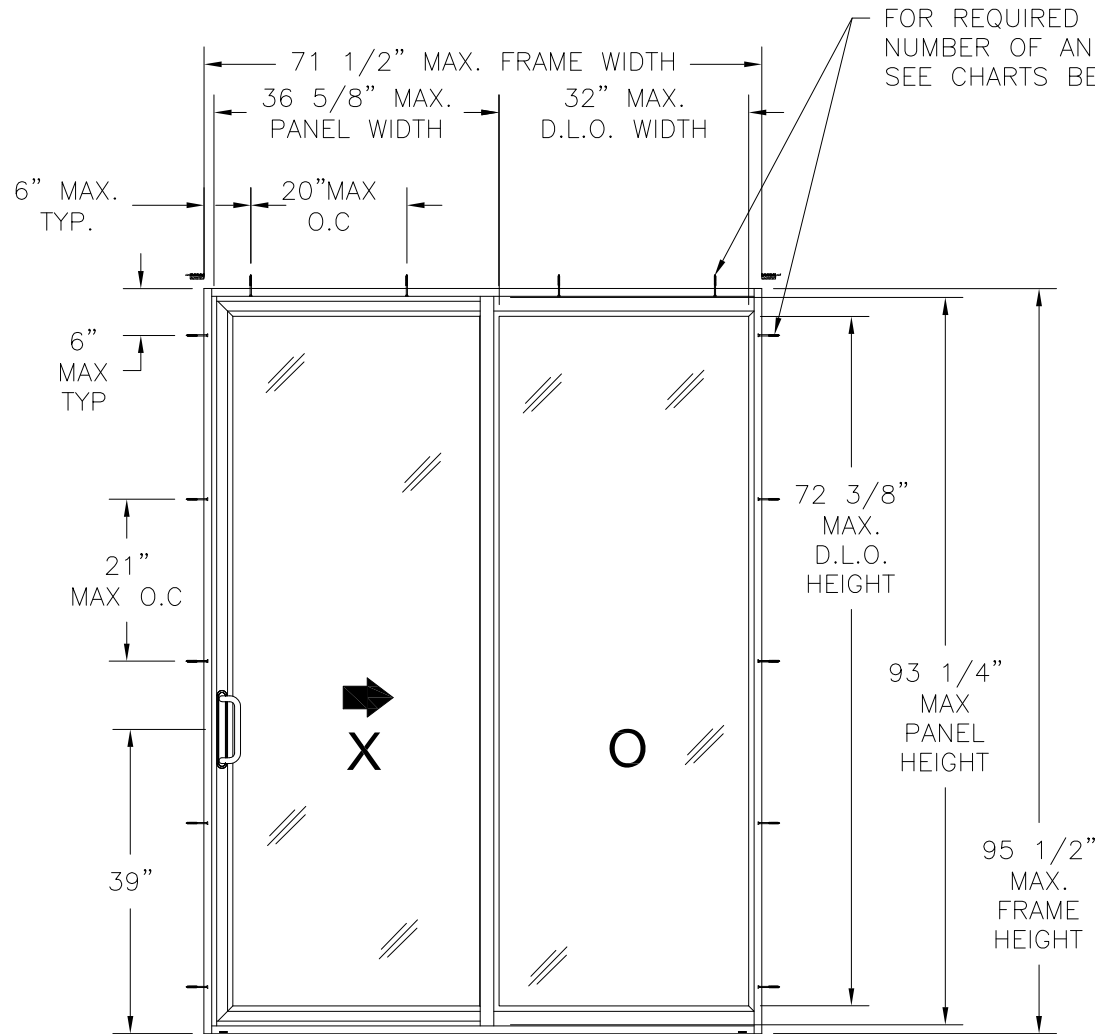
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

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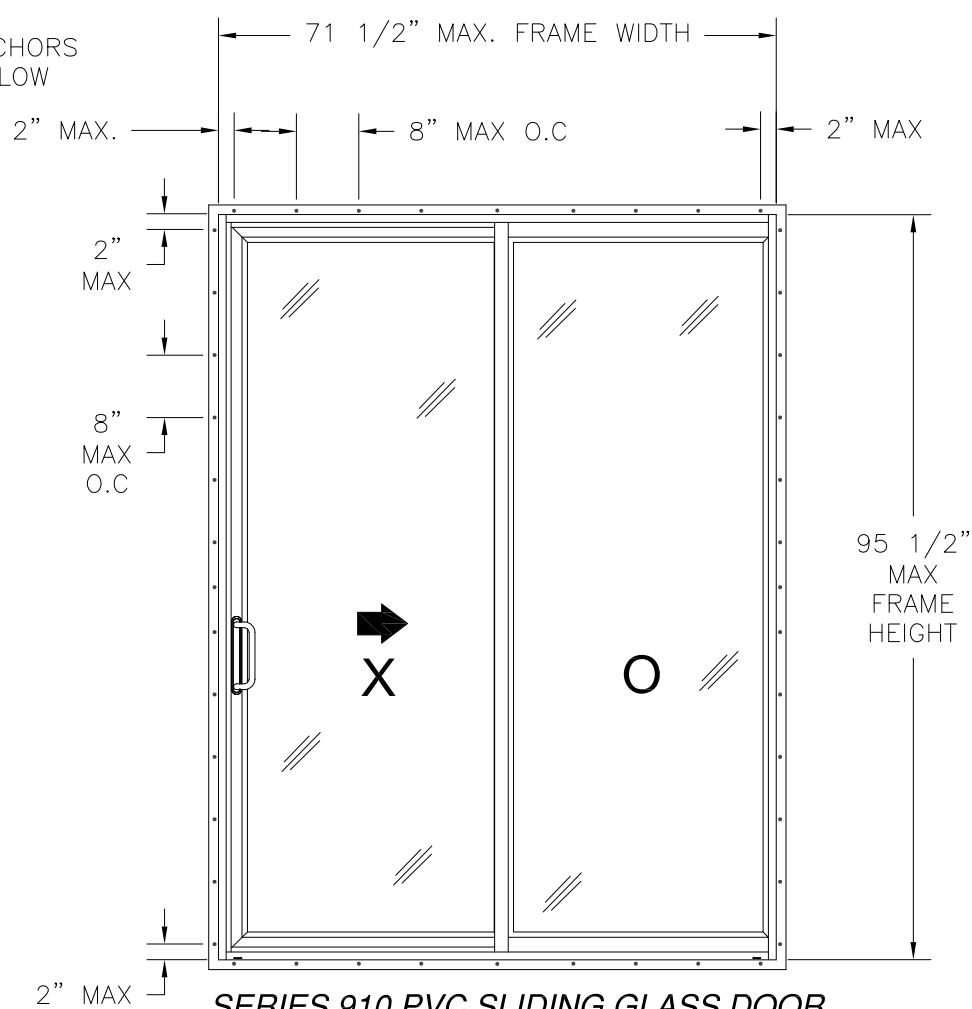


Luis R. Lomas P.E.
FL No.: 62514



SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FRAME INSTALLATION

Frame Height (in)	Number of anchor locations required							
	Single Panel and Total Unit Width (in)							
	18.0		24.0		30.0		35.8	
	36.0		48.0		60.0		71.5	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
78.0	2	3	3	3	3	4	4	4
80.0	2	3	3	3	3	4	4	4
84.0	2	3	3	3	3	4	4	4
88.0	2	3	3	3	3	4	4	5
92.0	2	3	3	4	4	4	4	5
95.5	2	3	3	4	4	4	4	5



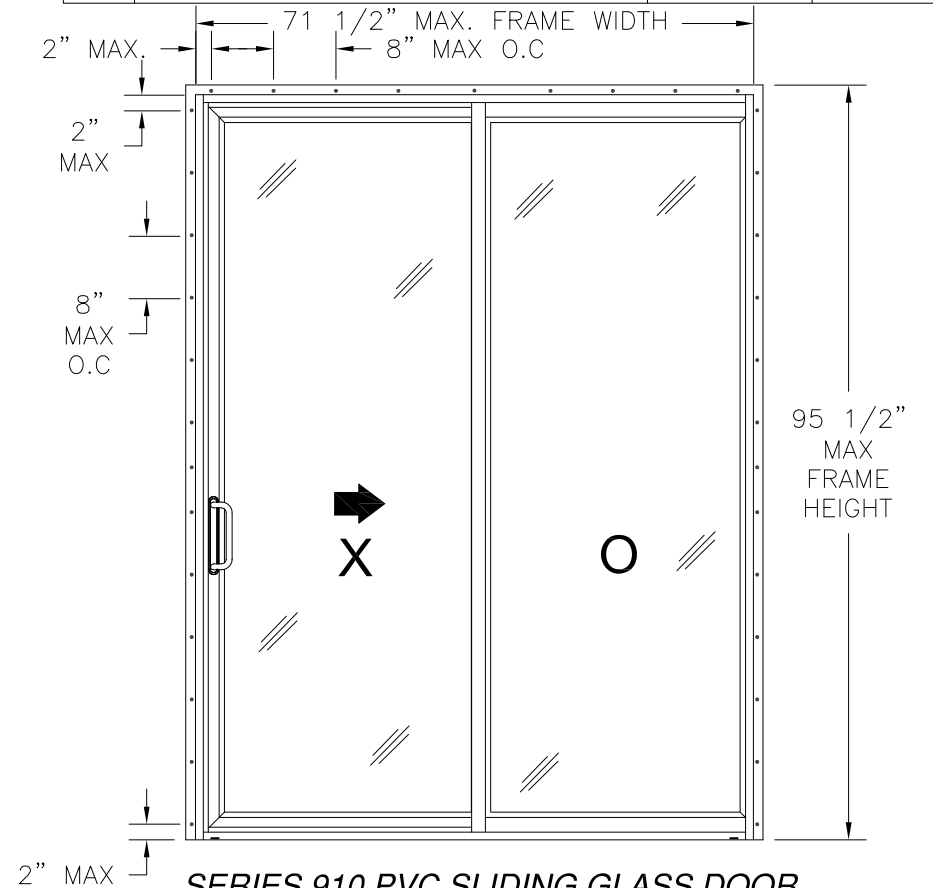
SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FIN INSTALLATION FULL PERIMETER

Frame Height (in)	Number of anchor locations required							
	Single Panel and Total Unit Width (in)							
	18.0		24.0		30.0		35.8	
	36.0		48.0		60.0		71.5	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
78.0	6	12	8	12	9	12	11	12
80.0	6	12	8	12	9	12	11	12
84.0	6	13	8	13	9	13	11	13
88.0	6	13	8	13	9	13	11	13
92.0	6	14	8	14	9	14	11	14
95.5	6	15	8	15	9	15	11	15

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

36 5/8" x 93 1/4" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.71 FT²

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SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FIN INSTALLATION NO SILL ANCHORS
Number of anchor locations required

Frame Height (in)	Single Panel and Total Unit Width (in)							
	18.0		24.0		30.0		35.8	
	36.0		48.0		60.0		71.5	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
78.0	6	12	8	12	9	12	11	12
80.0	6	12	8	12	9	12	11	12
84.0	6	13	8	13	9	13	11	13
88.0	6	13	8	13	9	13	11	13
92.0	6	14	8	14	9	14	11	14
95.5	6	15	8	15	9	15	11	15

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HARDWARE SCHEDULE	
A.	(1) METAL DOOR LOCK, AT LOCK STILE, 40" FROM SILL
B.	(2) METAL ROLLERS, AT OPERABLE PANEL BOTTOM RAIL, 4" FROM EACH END
C.	1 X 1 STEEL TUBE REINFORCEMENT, AT FIXED AND OPERABLE MEETING STILES
D.	99-20 910 STEEL HANDLE LINER REINFORCEMENT, AT LOCK STILE

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ELEVATIONS AND ANCHORING LAYOUT

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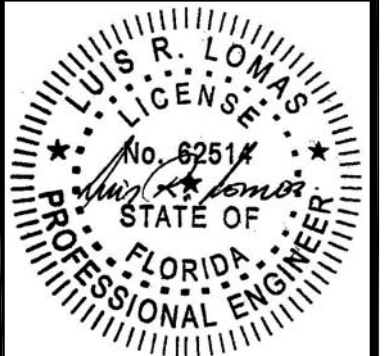
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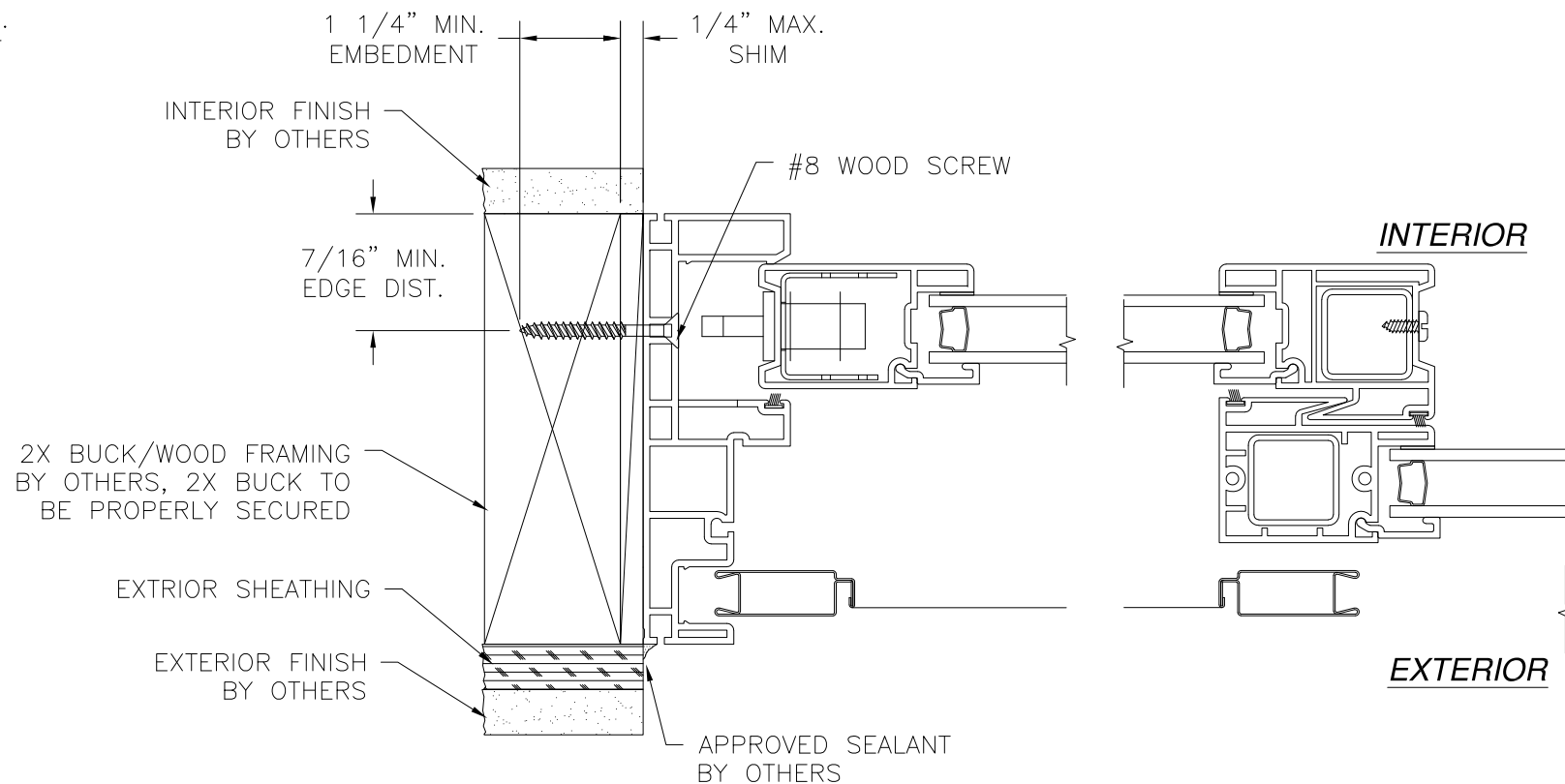
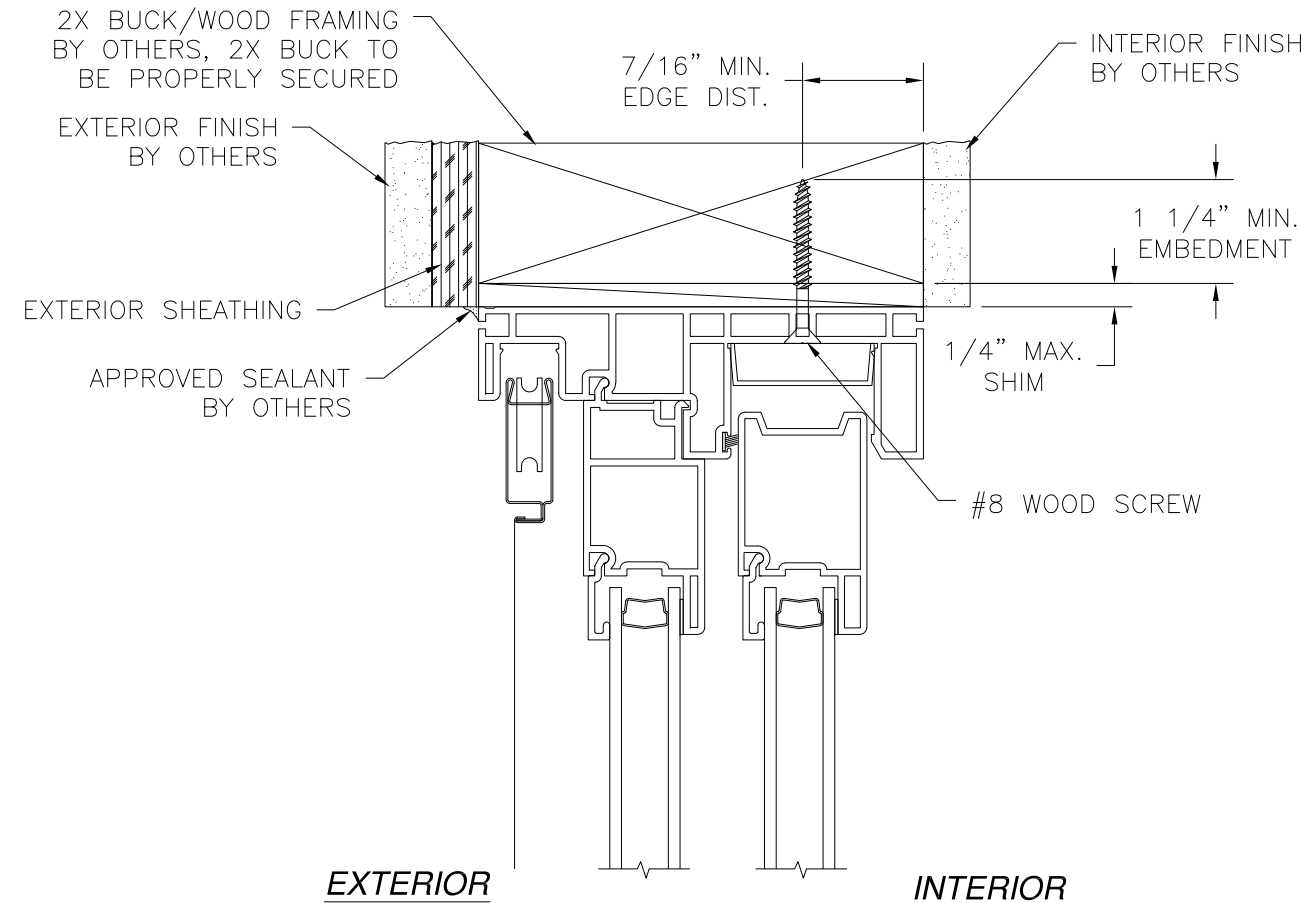
SHEET 2 OF 7

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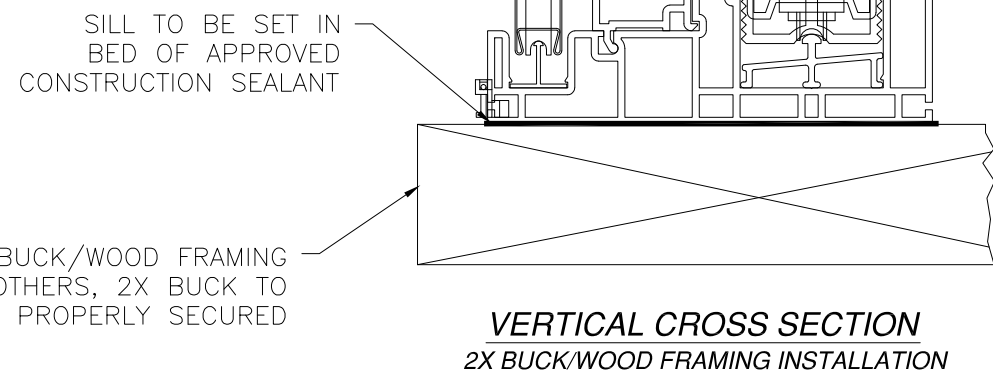
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HORIZONTAL CROSS SECTION
 2X BUCK/WOOD FRAMING INSTALLATION
 ACTIVE JAMB SHOWN, FIXED JAMB SIMILAR

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

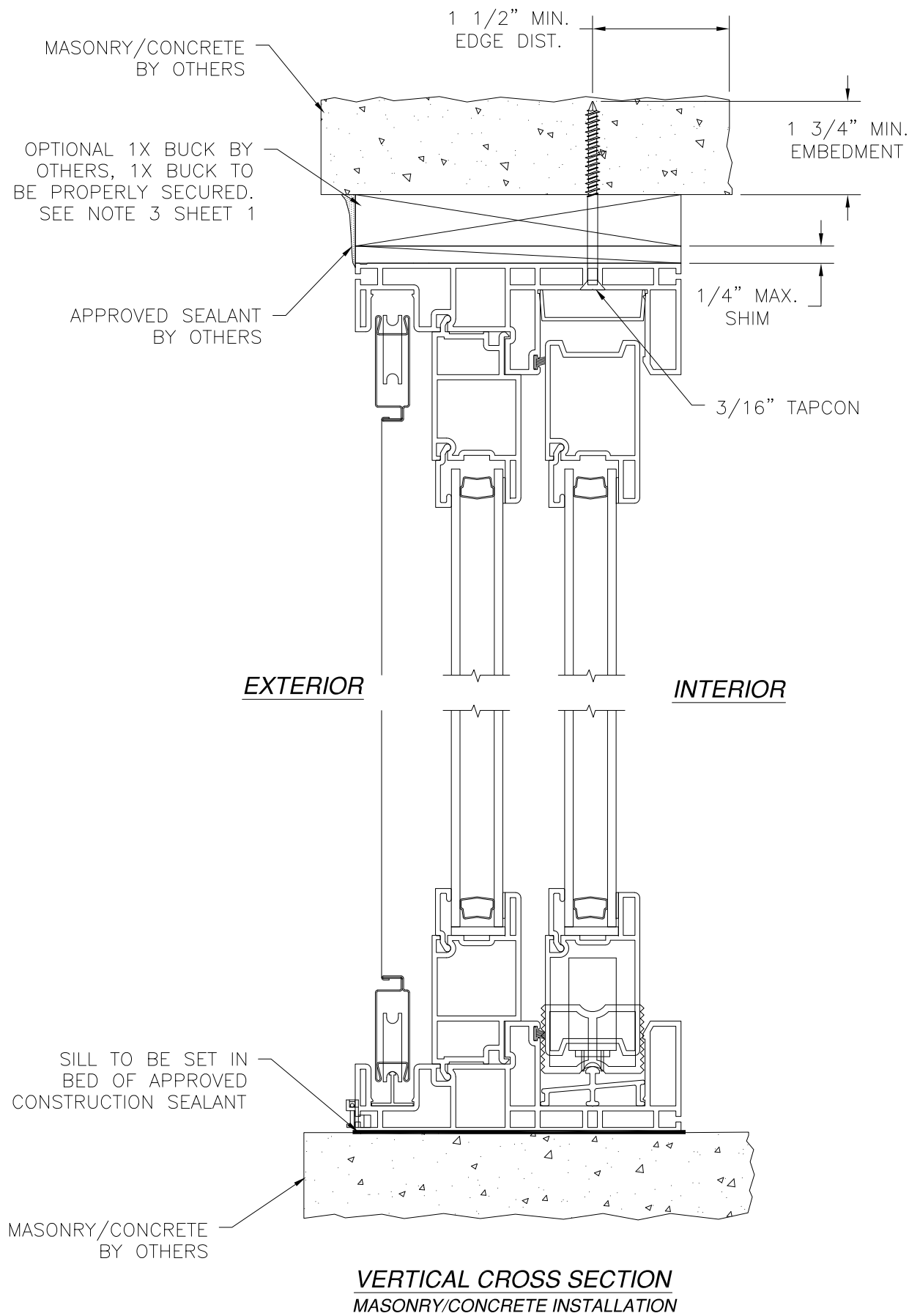
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VERTICAL CROSS SECTION
 2X BUCK/WOOD FRAMING INSTALLATION

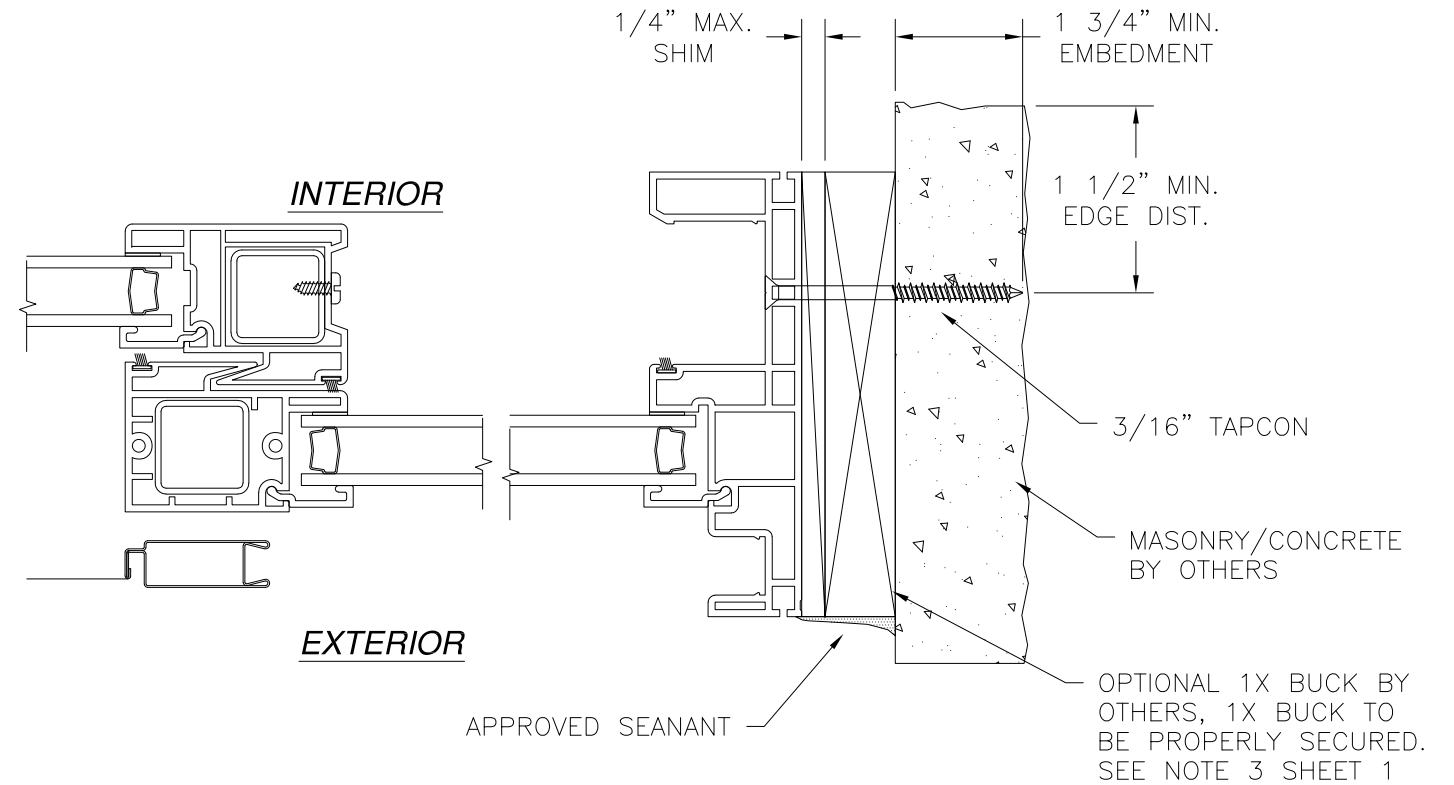
MI WINDOWS & DOORS, LLC. 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 910 PVC SLIDING GLASS DOOR 72" x 96" NON-IMPACT INSTALLATION DETAILS		
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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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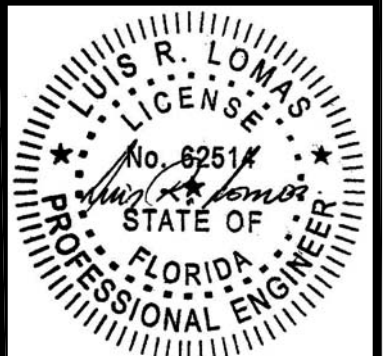
HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
FIXED JAMB SHOWN, ACTIVE JAMB SIMILAR

NOTES:

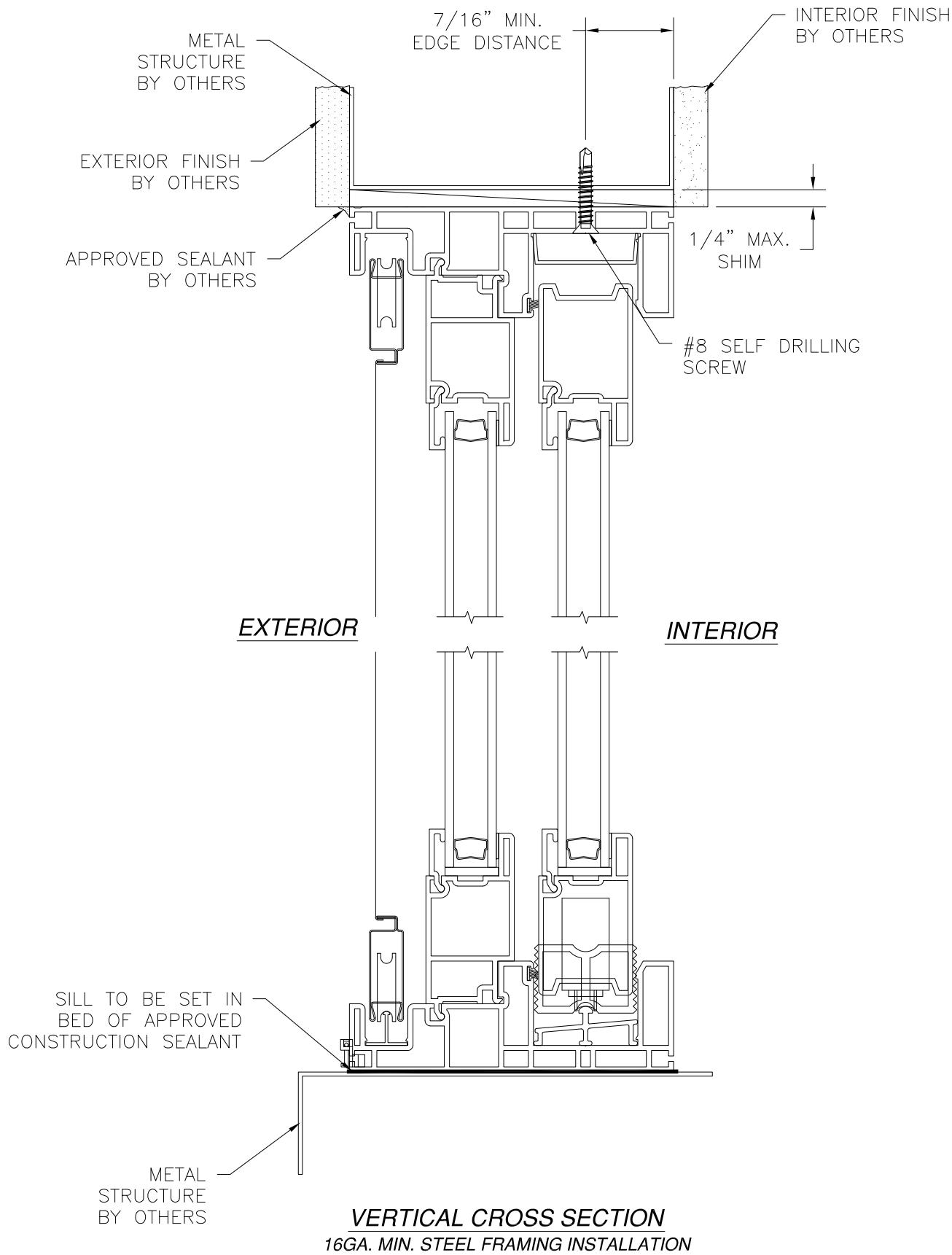
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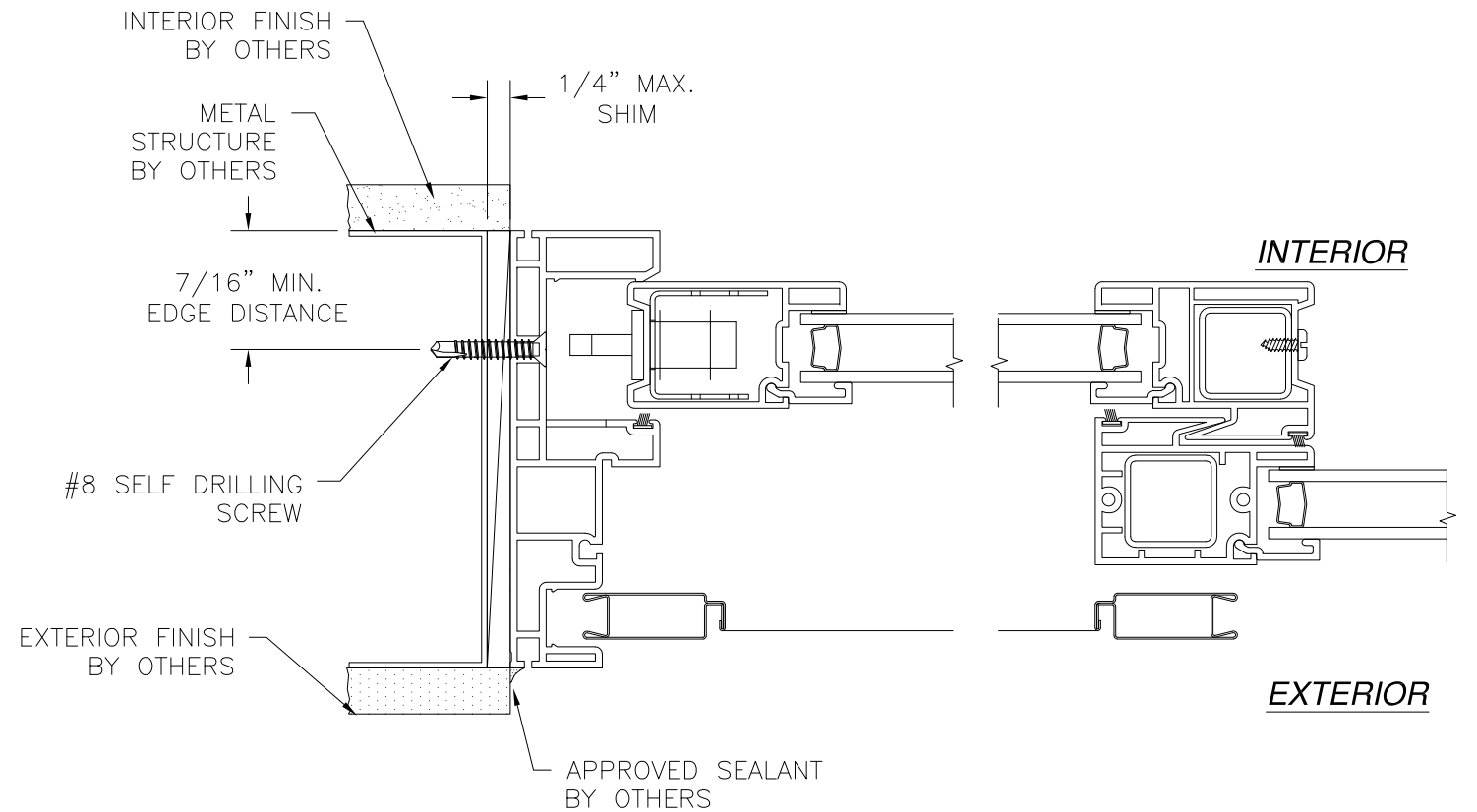
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VERTICAL CROSS SECTION
16GA. MIN. STEEL FRAMING INSTALLATION



HORIZONTAL CROSS SECTION
16GA. MIN. STEEL FRAMING INSTALLATION
ACTIVE JAMB SHOWN, FIXED JAMB SIMILAR

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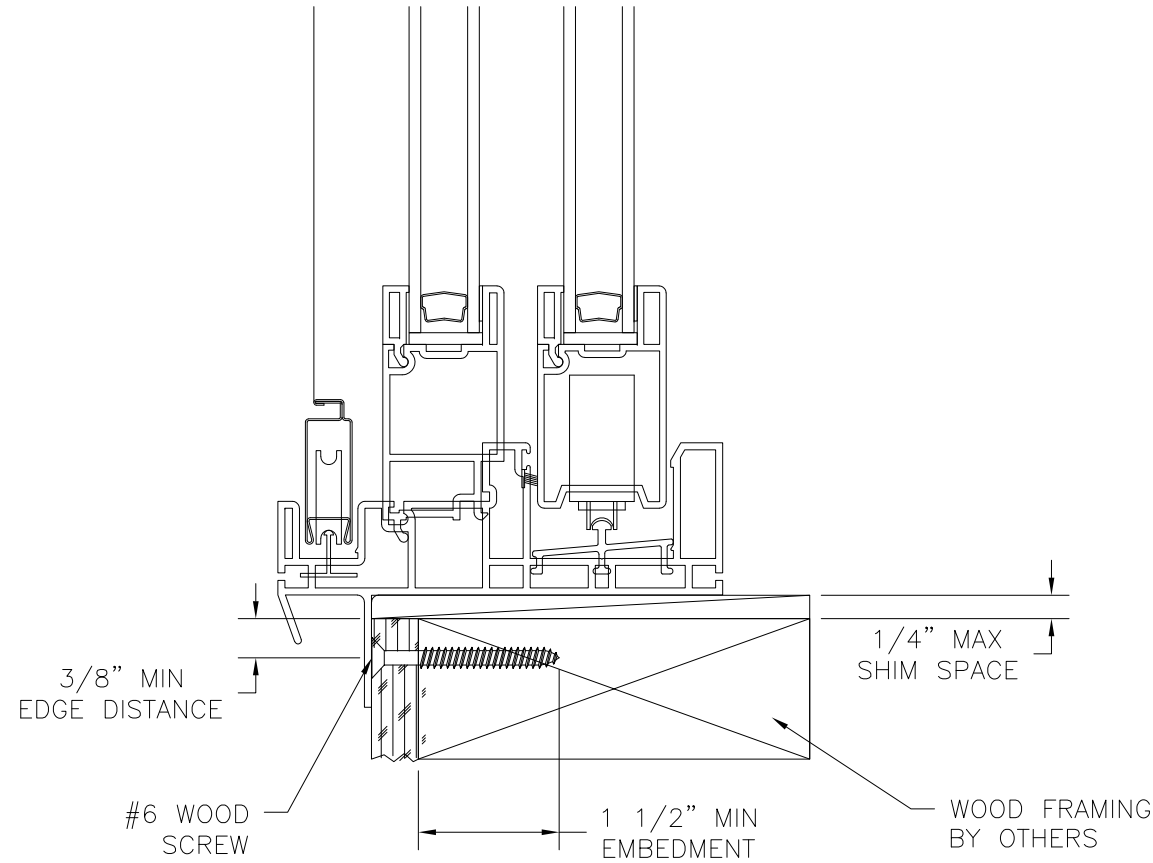
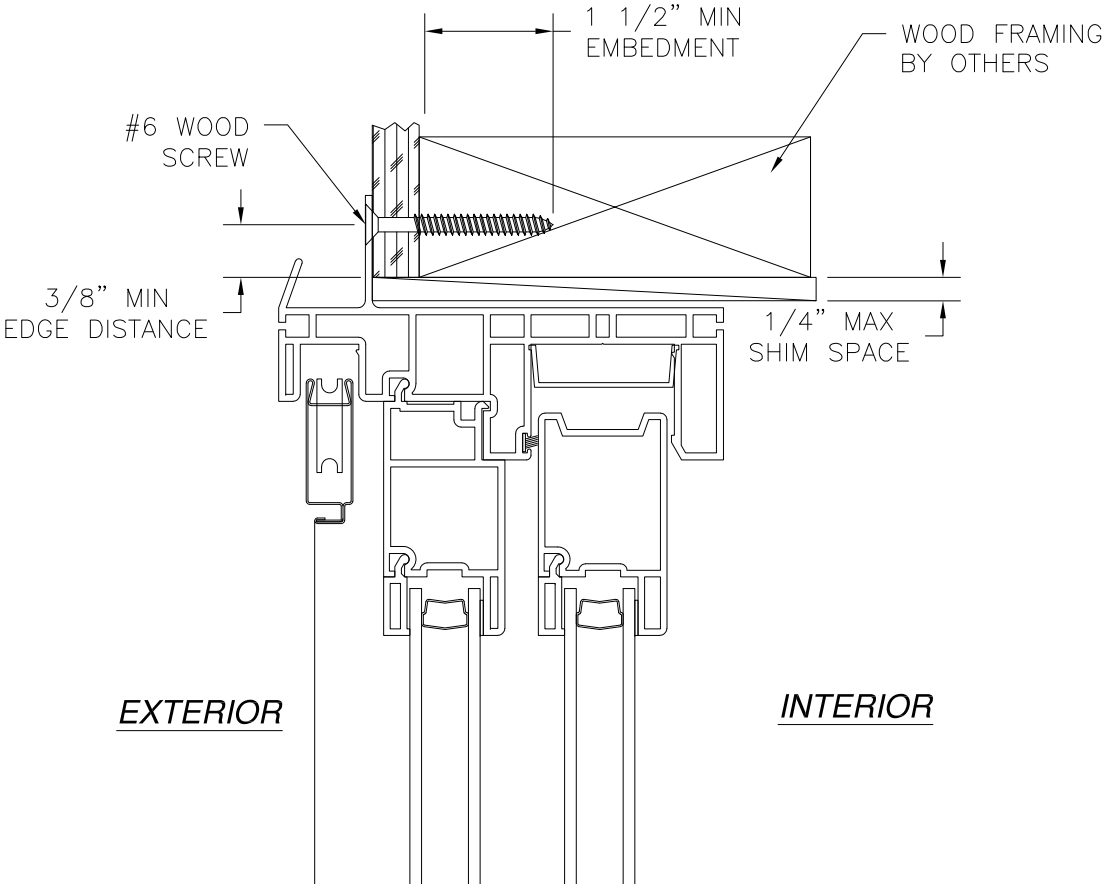
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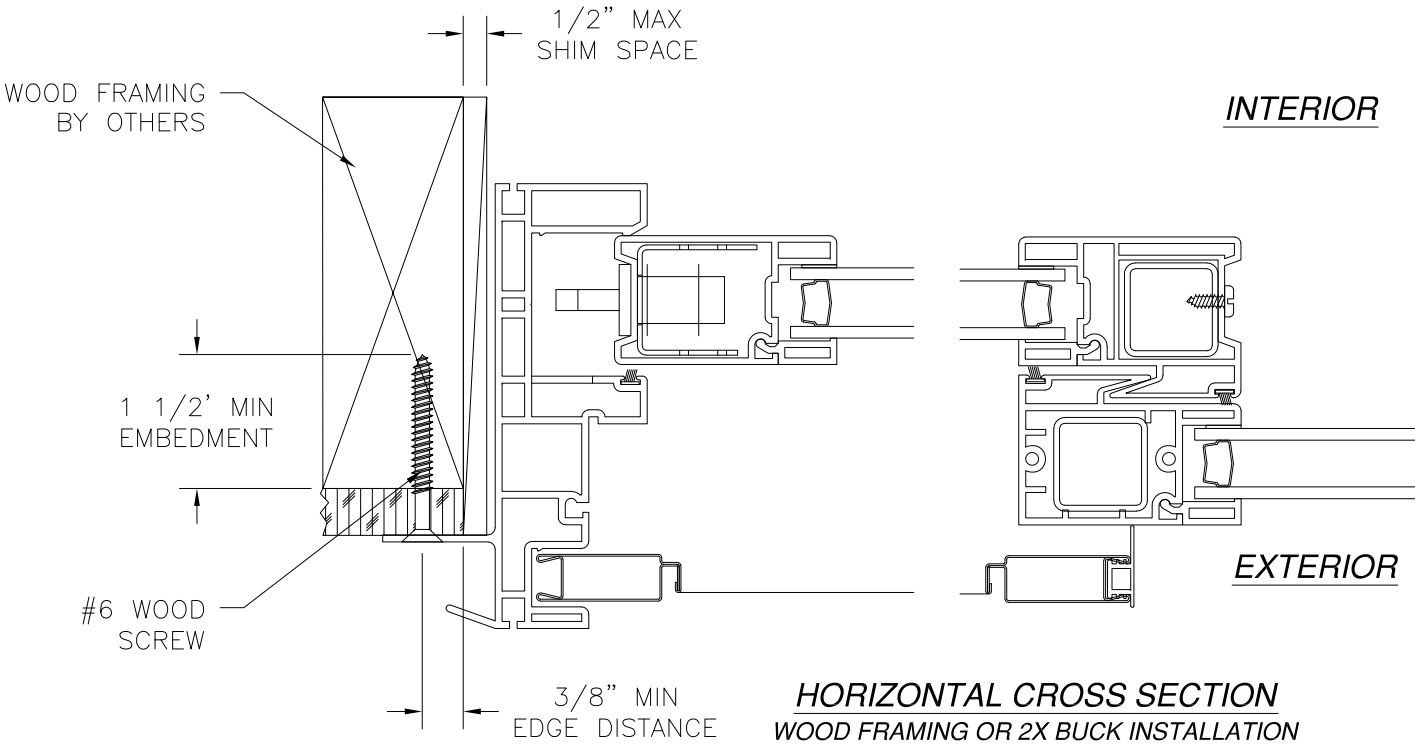


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
FOR NO SILL ANCHORING REFER TO SHEETS 3 - 5



HORIZONTAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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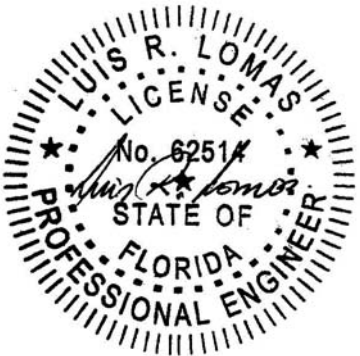
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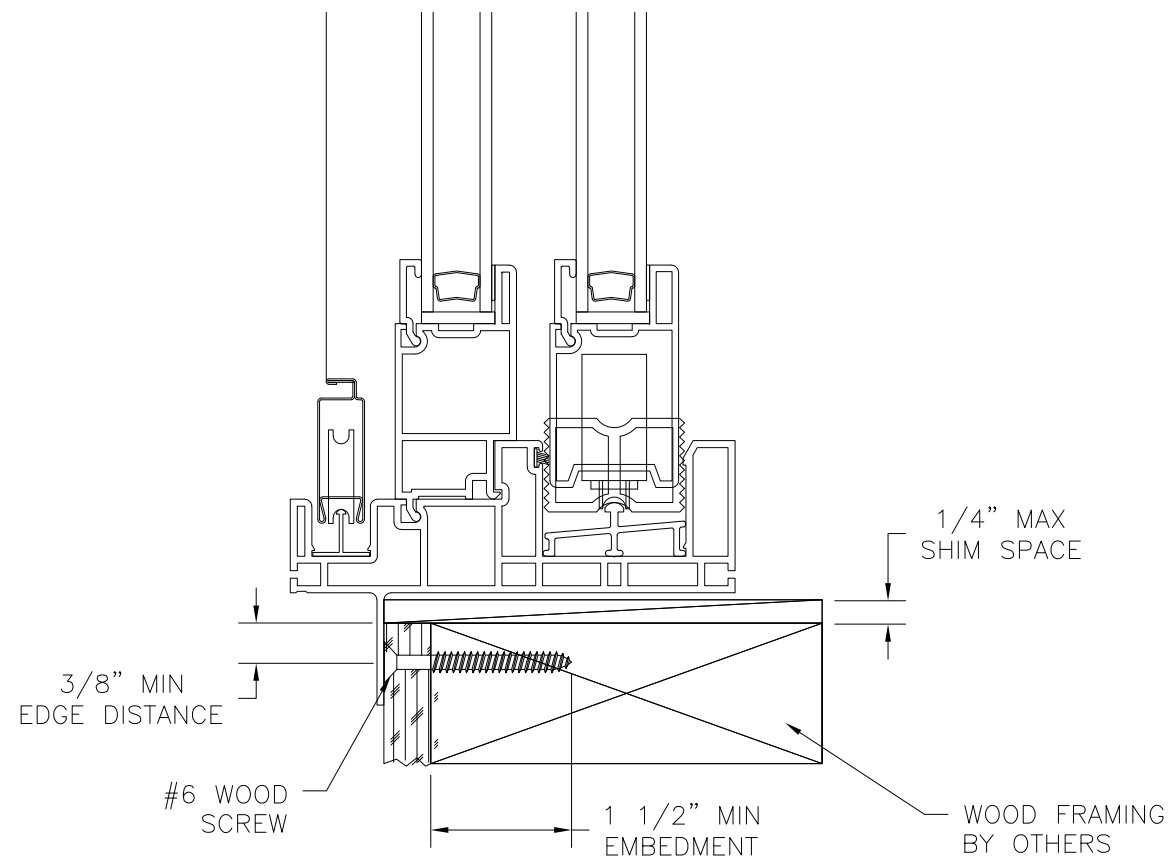
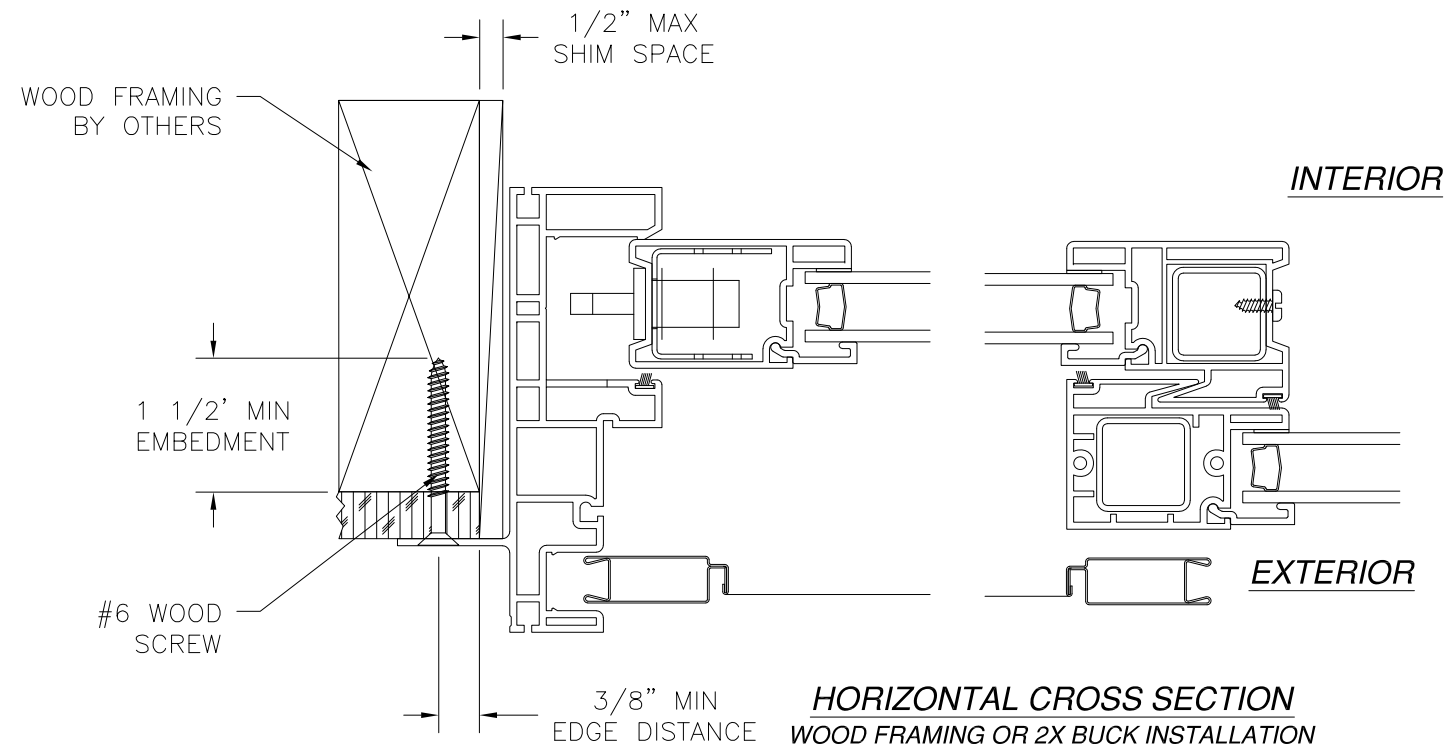
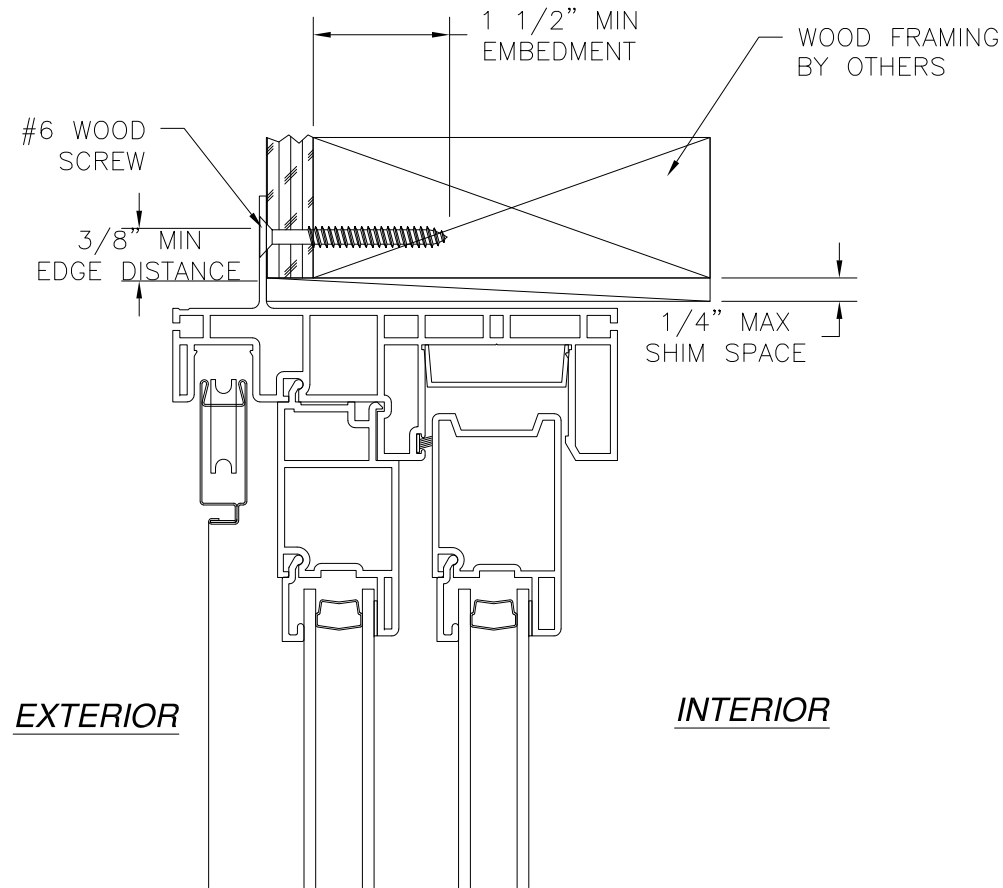
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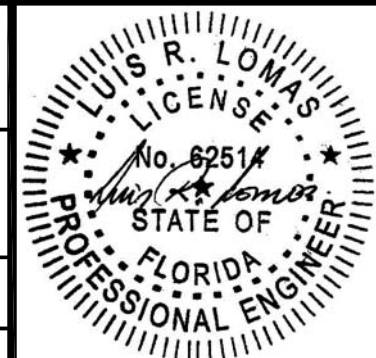


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