

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" 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.
5. 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.
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 WINDOW 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 E1300-04, WITH SAFETY GLASS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR 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 DETAILS.

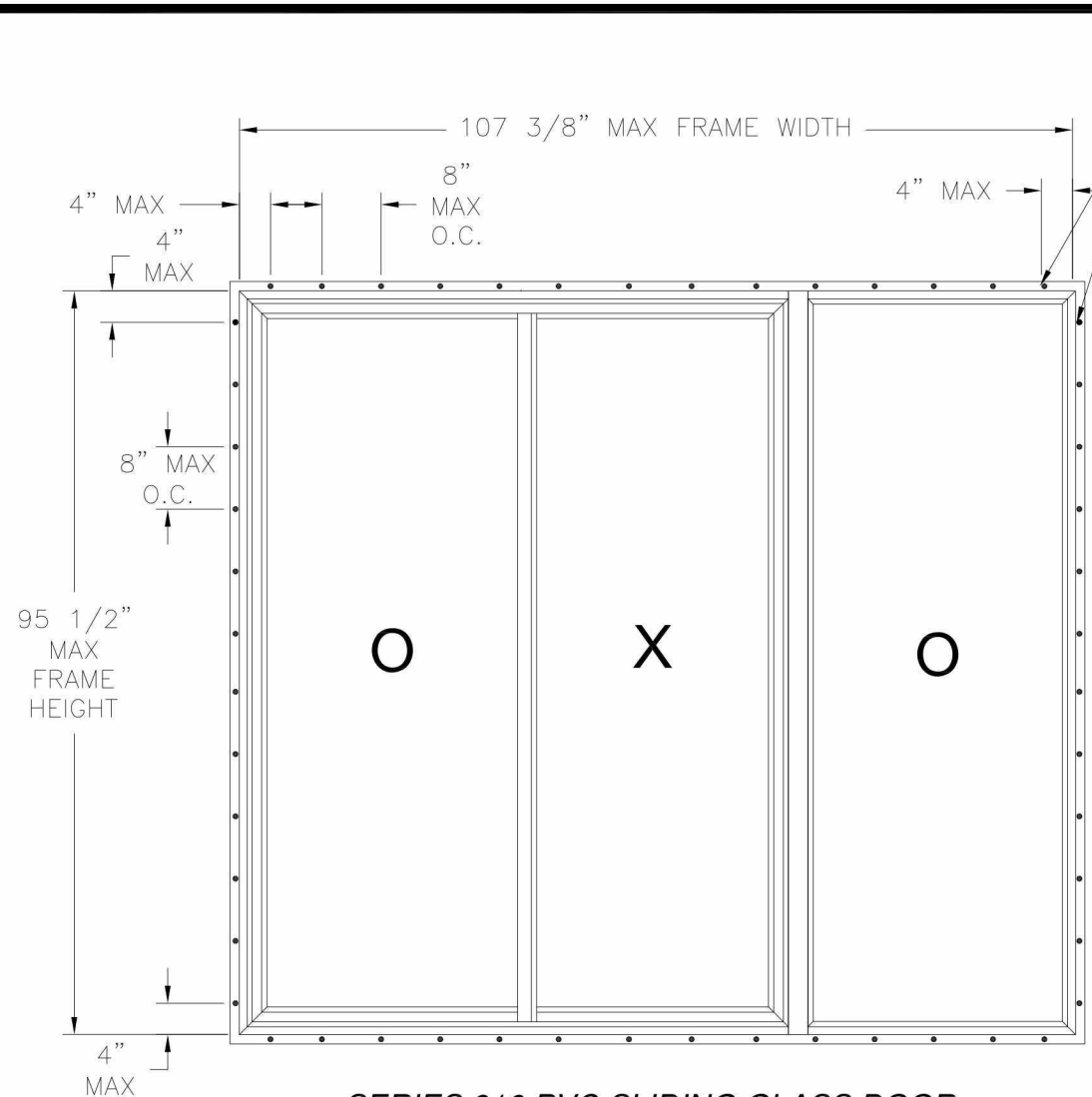
15. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
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:
 - 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 1/8" THICK MINIMUM
19. APPROVED CONFIGURATIONS: O/OX, O/XO, OX/O, & XO/O.

SIGNED: 09/24/2014

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MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 910 PVC SLIDING GLASS DOOR 107" x 96" NON-IMPACT NOTES		
DRAWN: N.G.	DWG NO. 08-02491	REV —
SCALE NTS	DATE 09/22/14	SHEET 1 OF 7



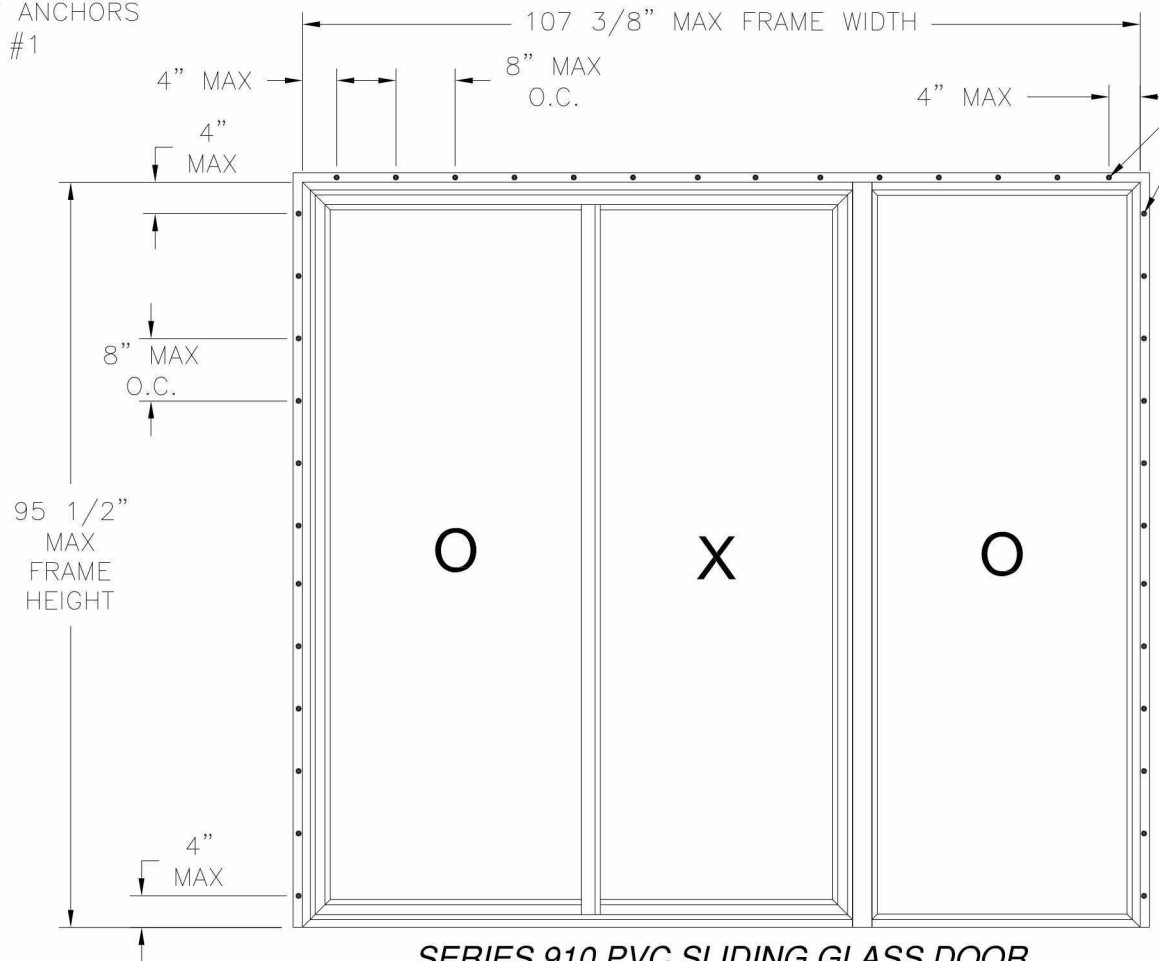


SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FIN INSTALLATION

CHART #1

Number of anchor locations required								
Frame Height (in)	Frame Width (in)							
	72.00		90.00		96.00		107.38	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
80.00	9	10	12	10	12	10	14	10
84.00	9	11	12	11	12	11	14	11
88.00	9	11	12	11	12	11	14	11
92.00	9	12	12	12	12	12	14	12
95.50	9	12	12	12	12	12	14	12

FOR REQUIRED NUMBER OF ANCHORS SEE CHART #1



SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FIN INSTALLATION NO SILL ANCHORS

CHART #2

Number of anchors Locations required								
Frame Height (in)	Frame Width (in)							
	72.00		90.00		96.00		107.38	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
80.00	9	10	12	10	12	10	14	10
84.00	9	11	12	11	12	11	14	11
88.00	9	11	12	11	12	11	14	11
92.00	9	12	12	12	12	12	14	12
95.50	9	12	12	12	12	12	14	12

FOR REQUIRED NUMBER OF ANCHORS SEE CHART #2

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

NOTES:

1. MAXIMUM SASH SIZE: 36 5/8" X 93 1/4"
2. MAXIMUM FIXED LITE D.L.O.: 31 3/4" X 88 1/2"
3. MAXIMUM SASH D.L.O.: 32" X 88 1/2"
4. UNIT USES A 1" X 1" STEEL TUBE REINFORCEMENT IN FIXED AND OPERABLE MEETING STILES.
5. UNIT USES A 99-20 910 STEEL HANDLE LINER AT LOCK STILE.

WEEP HOLE LOCATIONS:

1. (2) 1/8" X 1/2" HOLES LOCATED 1" FROM EACH END OF SILL.
2. (2) 3/16" X 1/2" HOLES LOCATED AT EACH END SILL.
3. (2) 1/8" X 1" HOLES LOCATED 1" FROM EACH END OF SILL.

MI WINDOWS AND DOORS
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 910 PVC SLIDING GLASS DOOR
107" x 96" NON-IMPACT
ELEVATION

DRAWN:
N.G.

DWG NO.
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SHEET 2 OF 7

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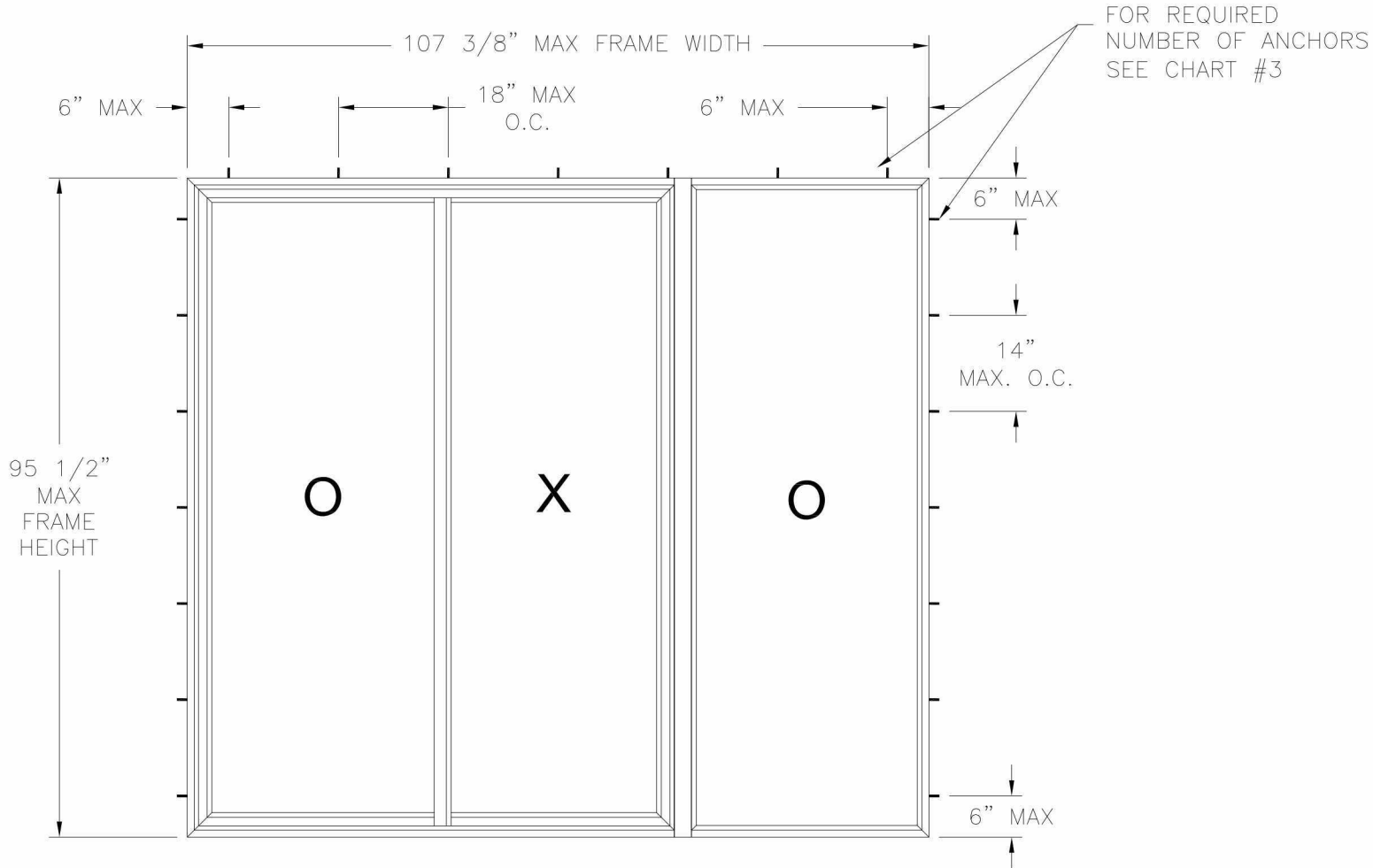


CHART #3

Number of anchors Locations required								
Frame Height (in)	Frame Width (in)							
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	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
80.00	5	4	6	5	6	5	7	6
84.00	5	4	6	5	6	5	7	6
88.00	5	4	6	5	6	5	7	6
92.00	5	4	6	5	6	6	7	6
95.50	5	5	6	6	6	6	7	7

SERIES 910 PVC SLIDING GLASS DOOR
 EXTERIOR VIEW
 FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±30PSF	NONE

SIGNED: 09/24/2014

MI WINDOWS AND DOORS
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 910 PVC SLIDING GLASS DOOR
107" x 96" NON-IMPACT
ELEVATIONS

DRAWN:
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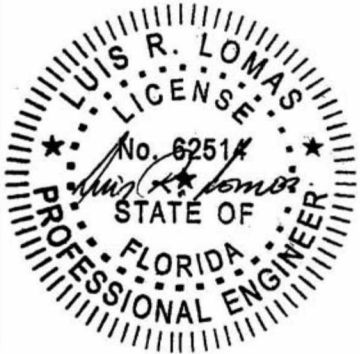
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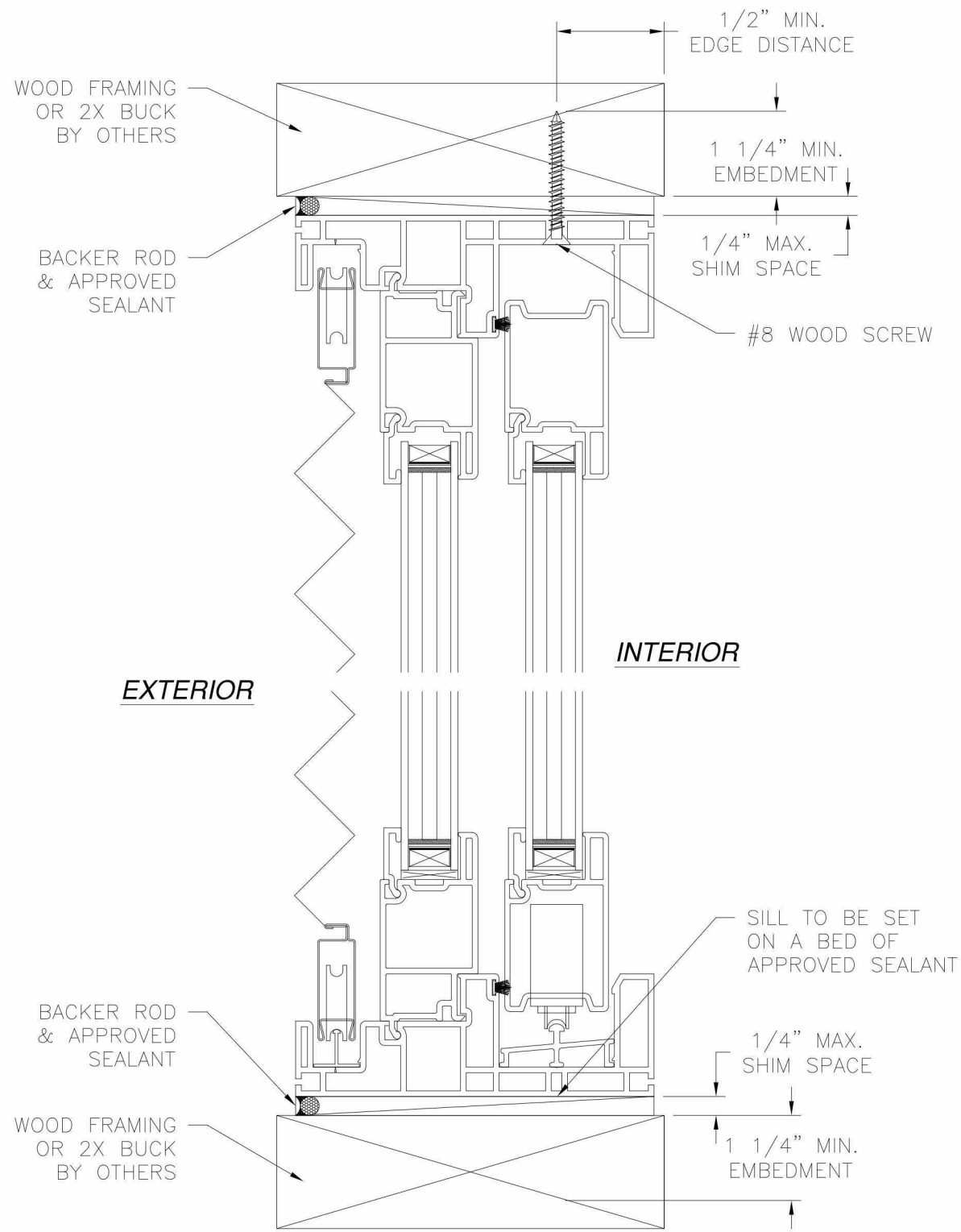
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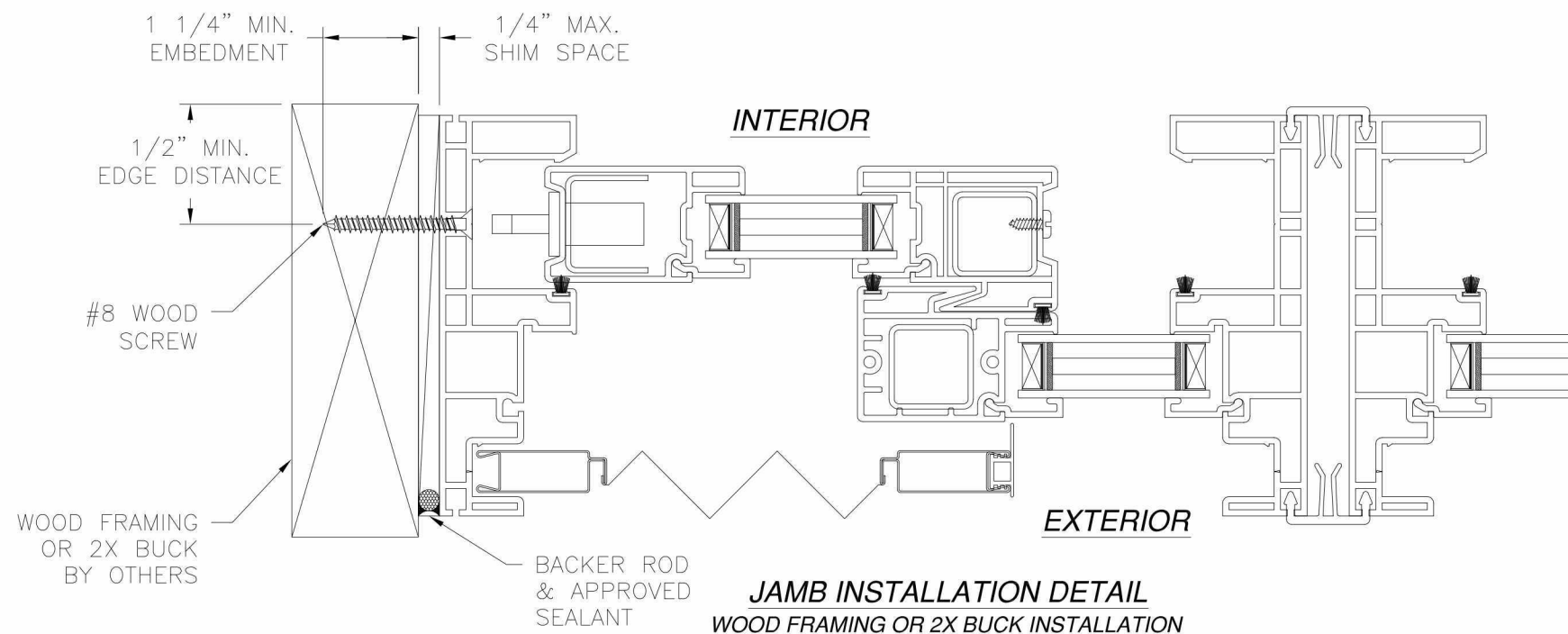
SHEET
3 OF 7





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

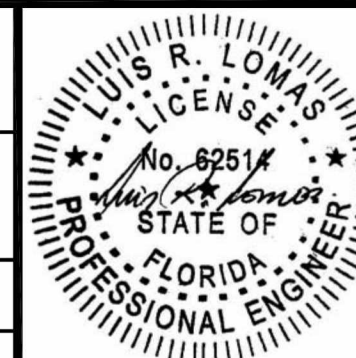


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

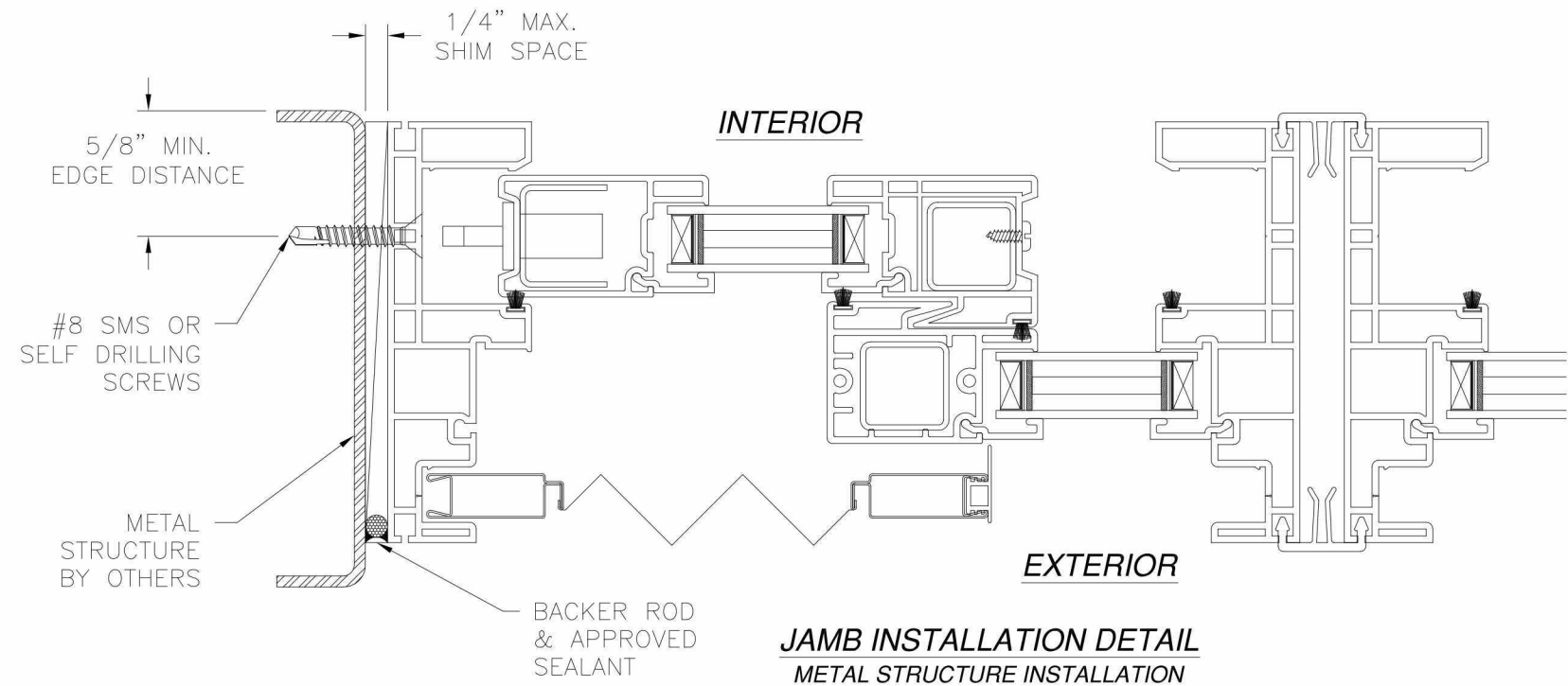
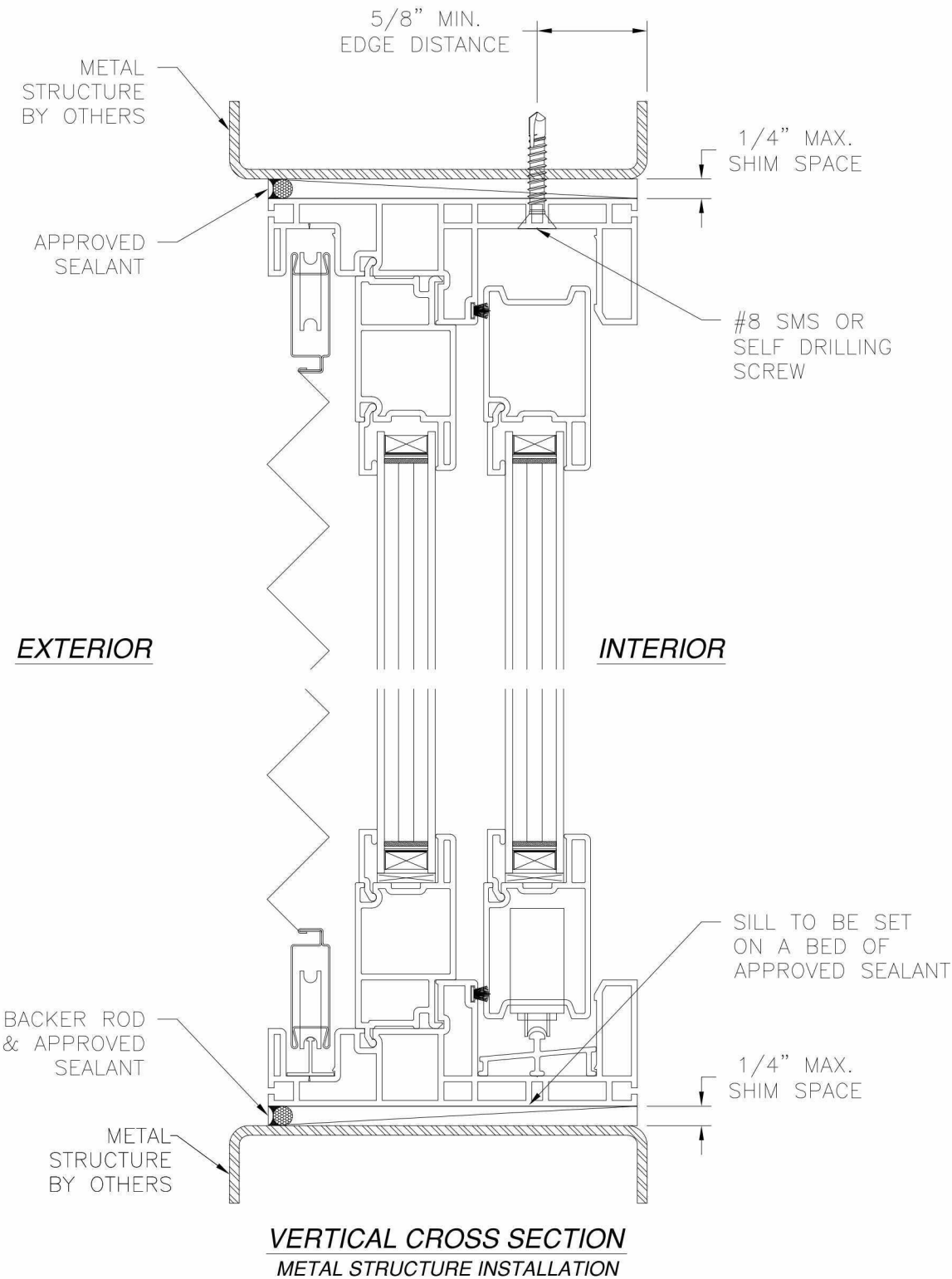
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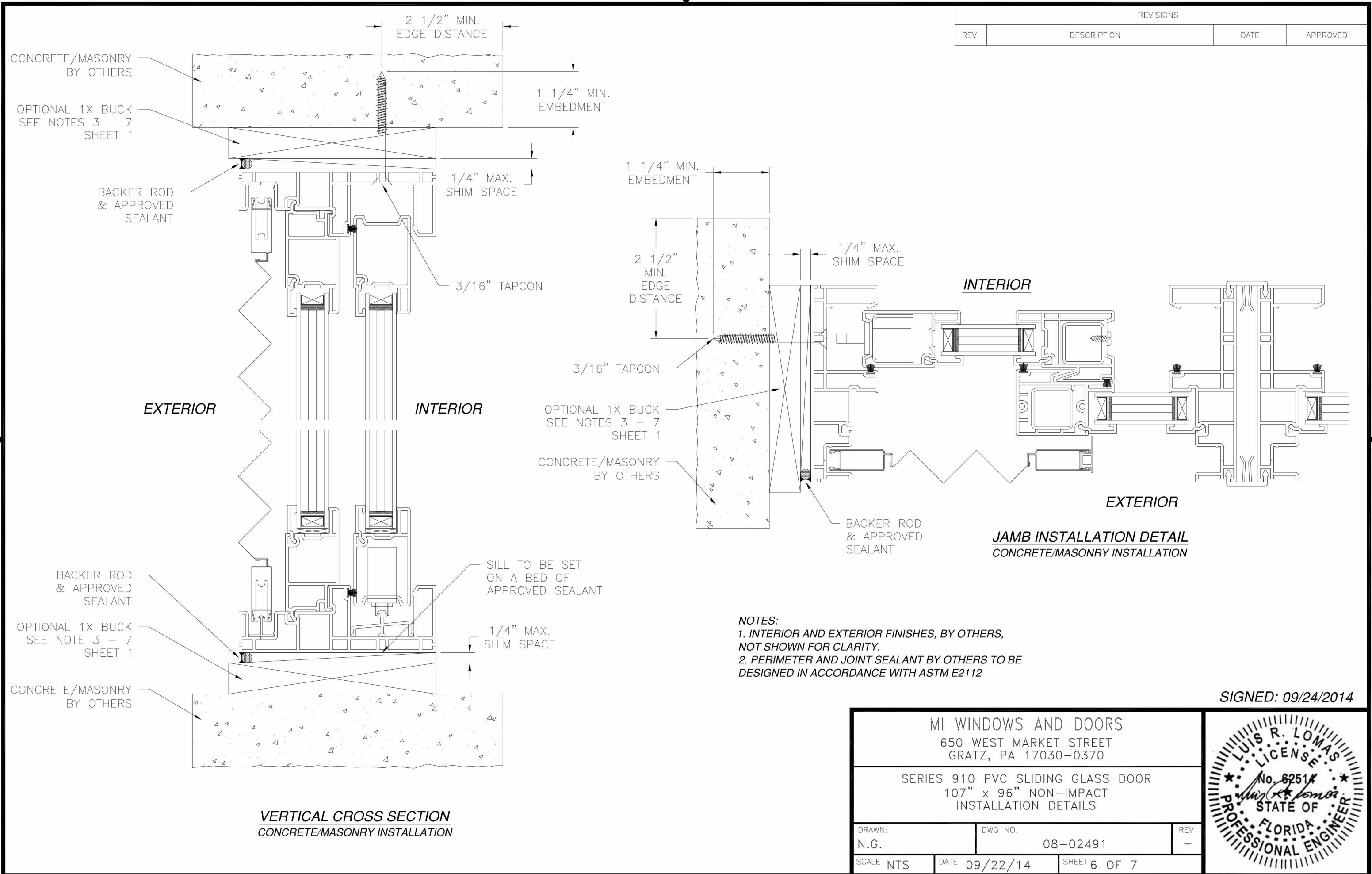
LUIS R. LOMAS

LICENSE

No. 62514

PROFESSIONAL ENGINEER

STATE OF FLORIDA

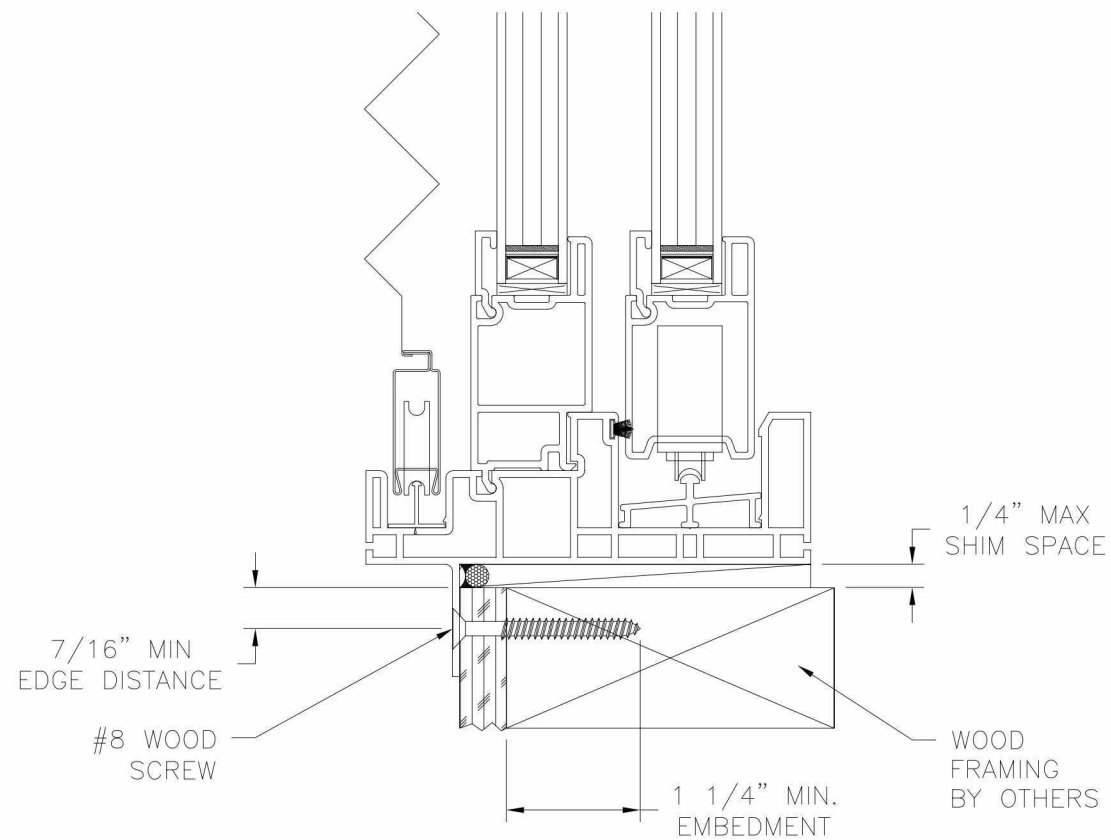
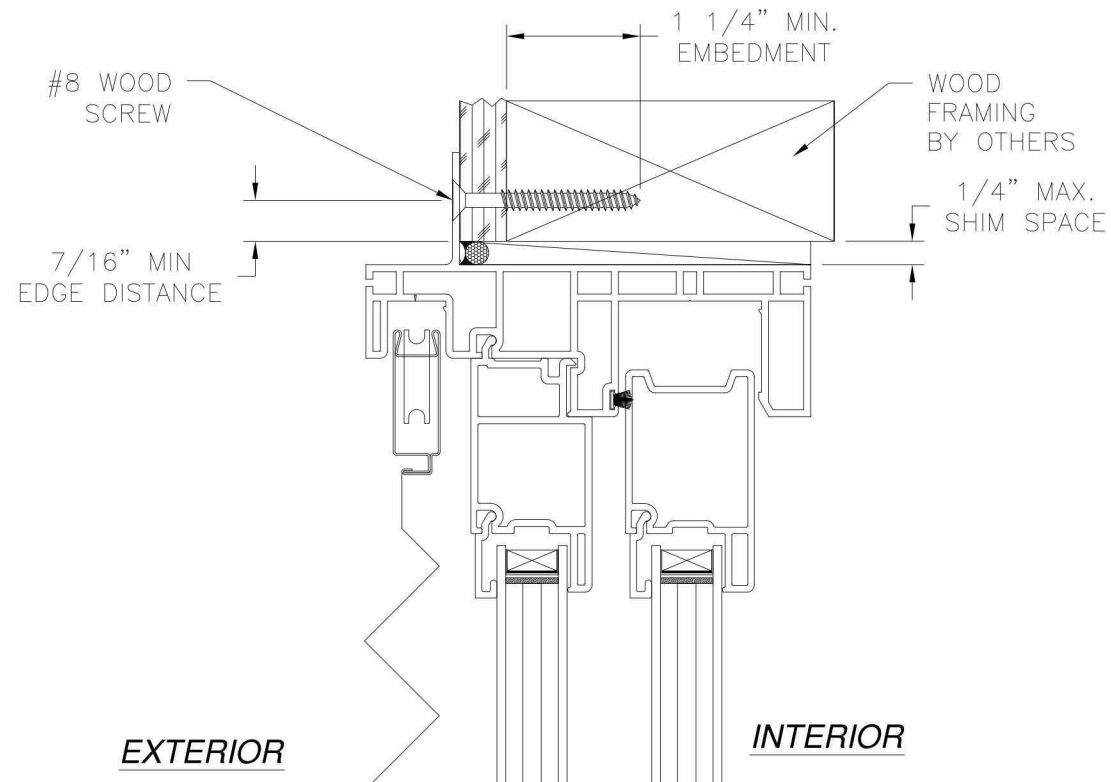


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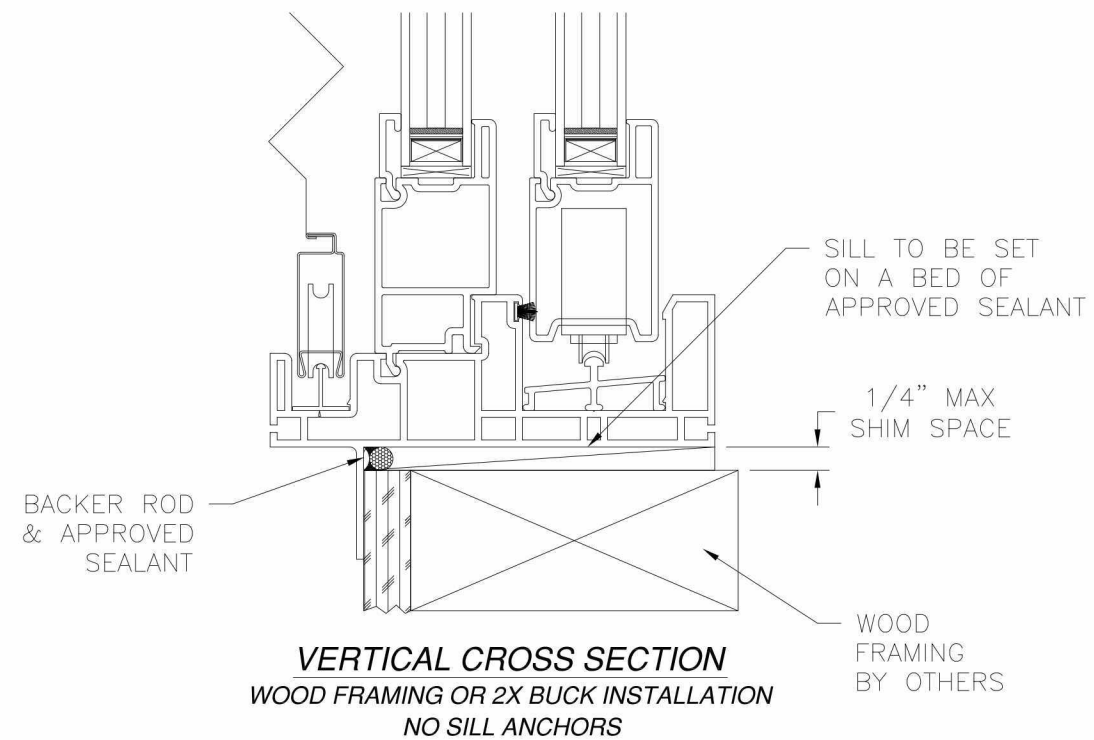
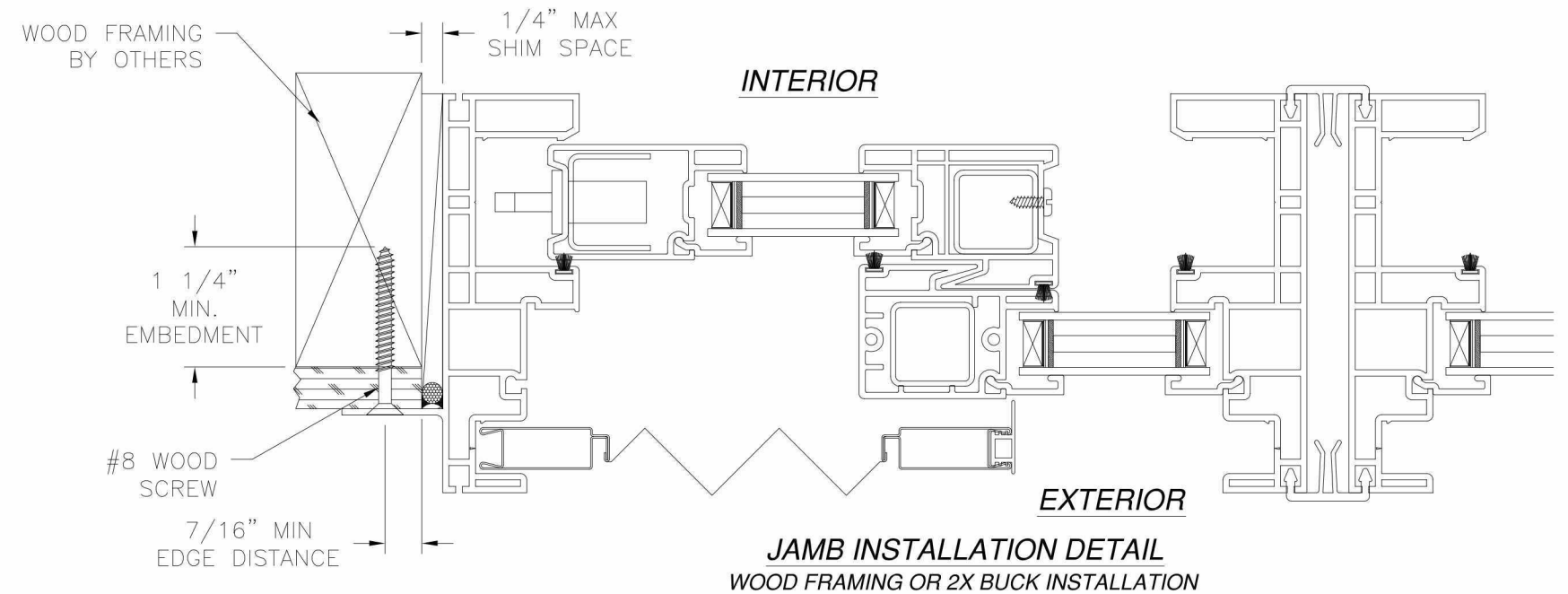
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