

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	02/20/18	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.
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 E1300–04/09, 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 3/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 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 .048” THICK MINIMUM
19. APPROVED CONFIGURATIONS: O/OX, O/XO, OX/O, & XO/O.

SIGNED: 02/20/2018

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MI WINDOWS & DOORS, LLC.
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

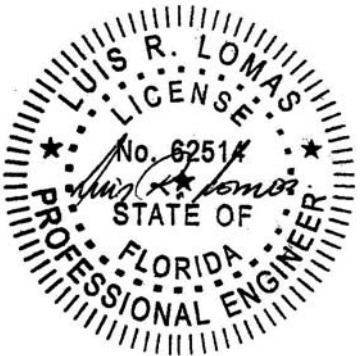
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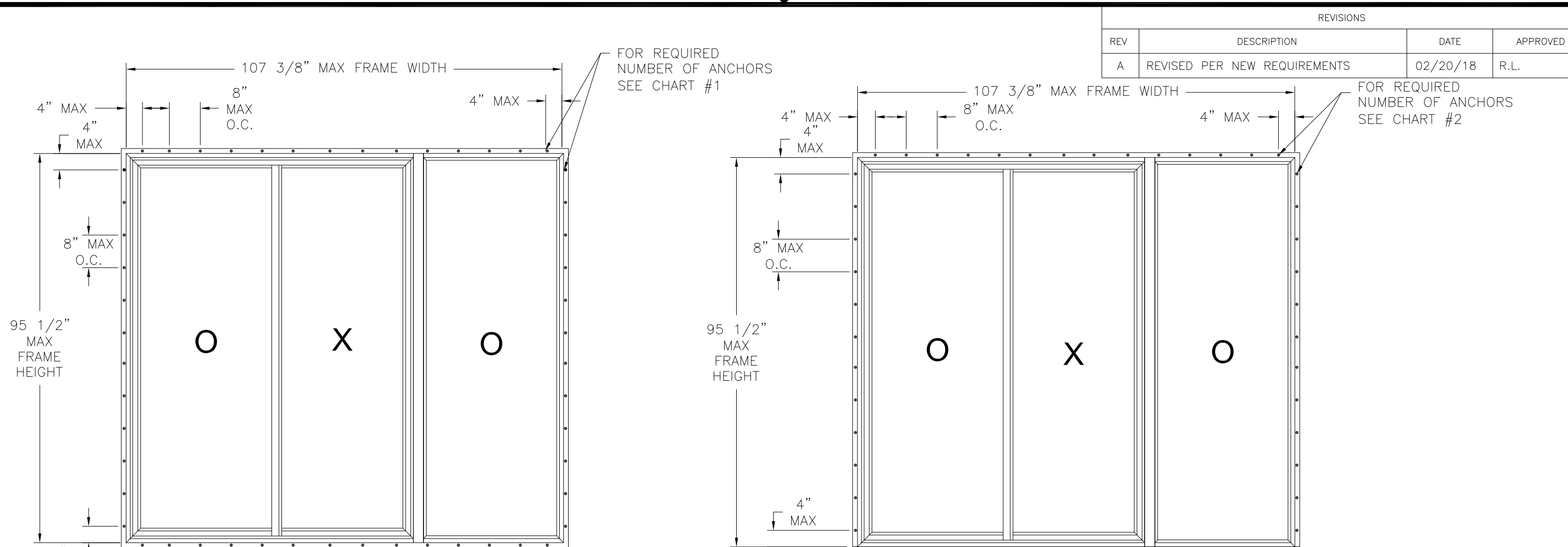
DATE 09/22/14

SHEET 1 OF 7

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



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



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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

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

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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ELEVATIONS

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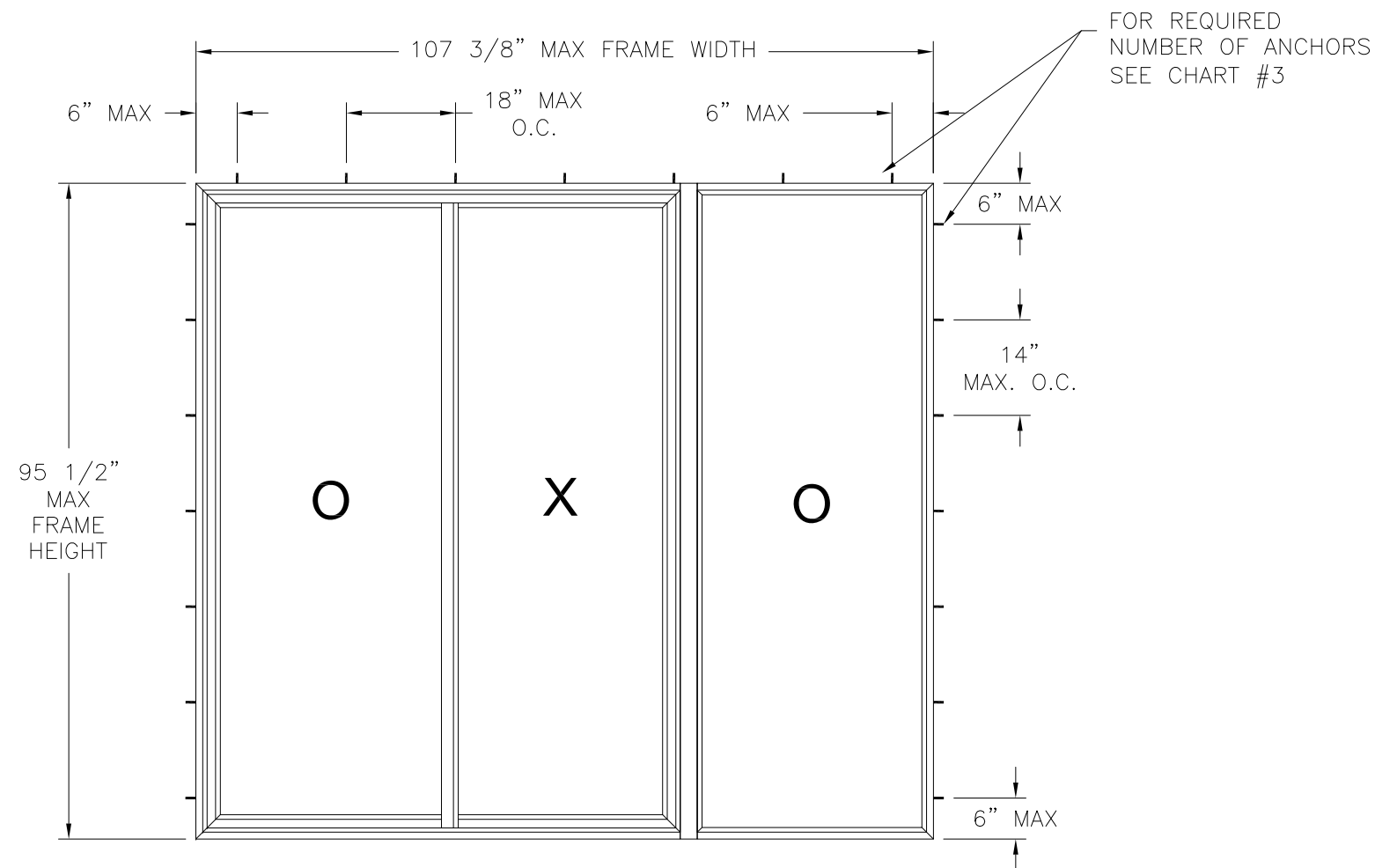


CHART #3

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	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

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

- WEEP HOLE LOCATIONS:
- (2) 1/8" X 1/2" HOLES LOCATED 1" FROM EACH END OF SILL.
 - (2) 3/16" X 1/2" HOLES LOCATED AT EACH END SILL.
 - (2) 1/8" X 1" HOLES LOCATED 1" FROM EACH END OF SILL.

SERIES 910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FRAME INSTALLATION

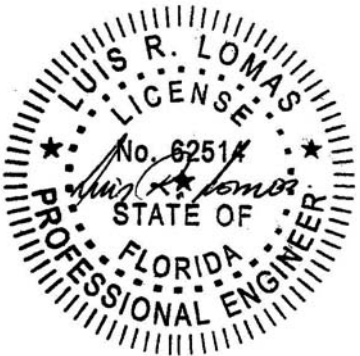
DESIGN PRESSURE RATING	IMPACT RATING
±30PSF	NONE

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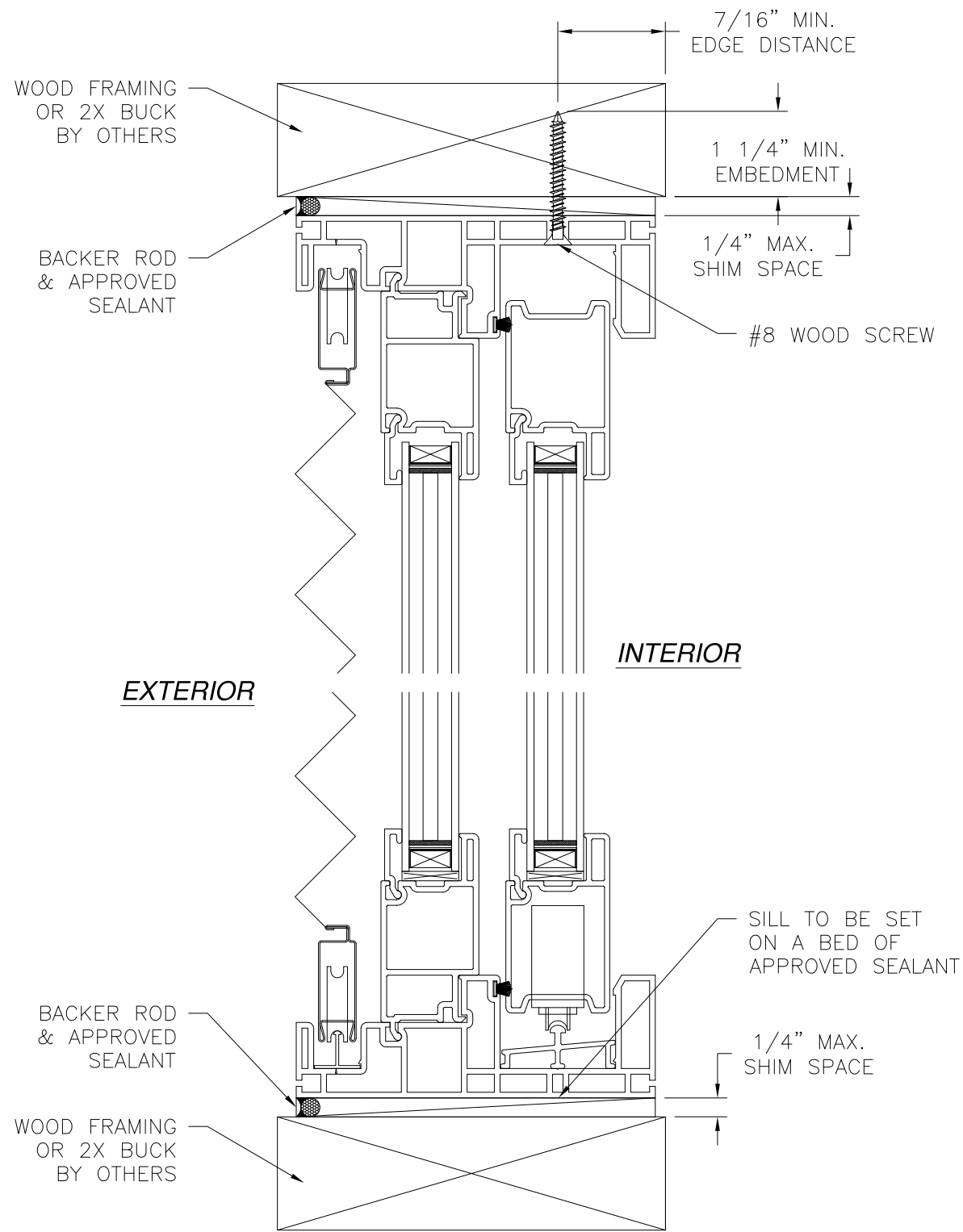
HARDWARE SCHEDULE	
A.	(1) METAL DOOR LOCK, AT LOCK STILE, 40" FROM SILL
B.	(2) METAL ROLLERS, AT OPERABLE PANEL BOTTOM RAIL, 4" FROM EACH END
C.	1 X 1 STEEL TUBE REINFORCEMENT, AT FIXED AND OPERABLE MEETING STILES
D.	99-20 910 STEEL HANDLE LINER REINFORCEMENT, AT LOCK STILE

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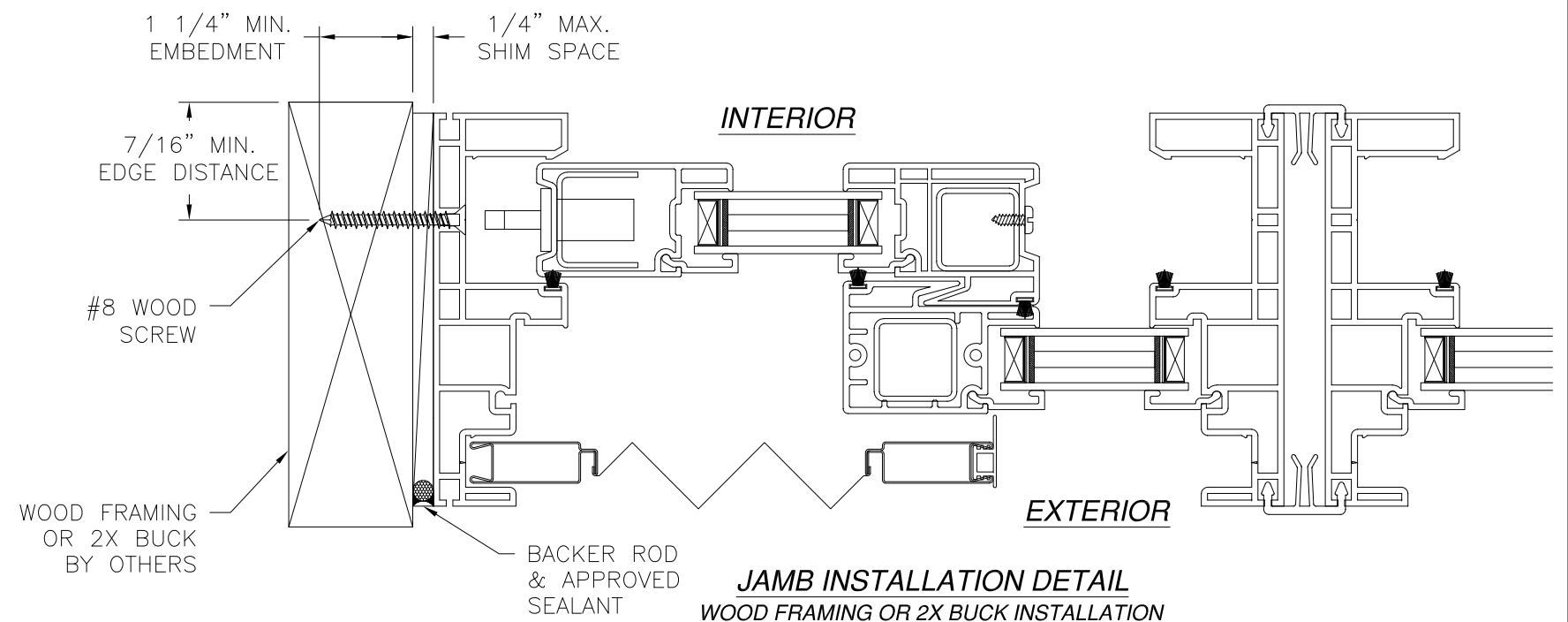


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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

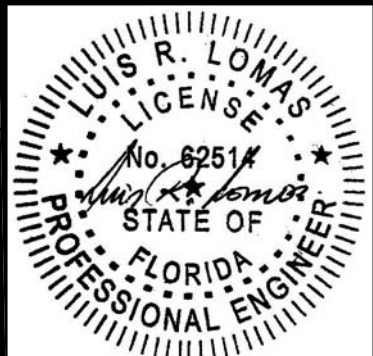


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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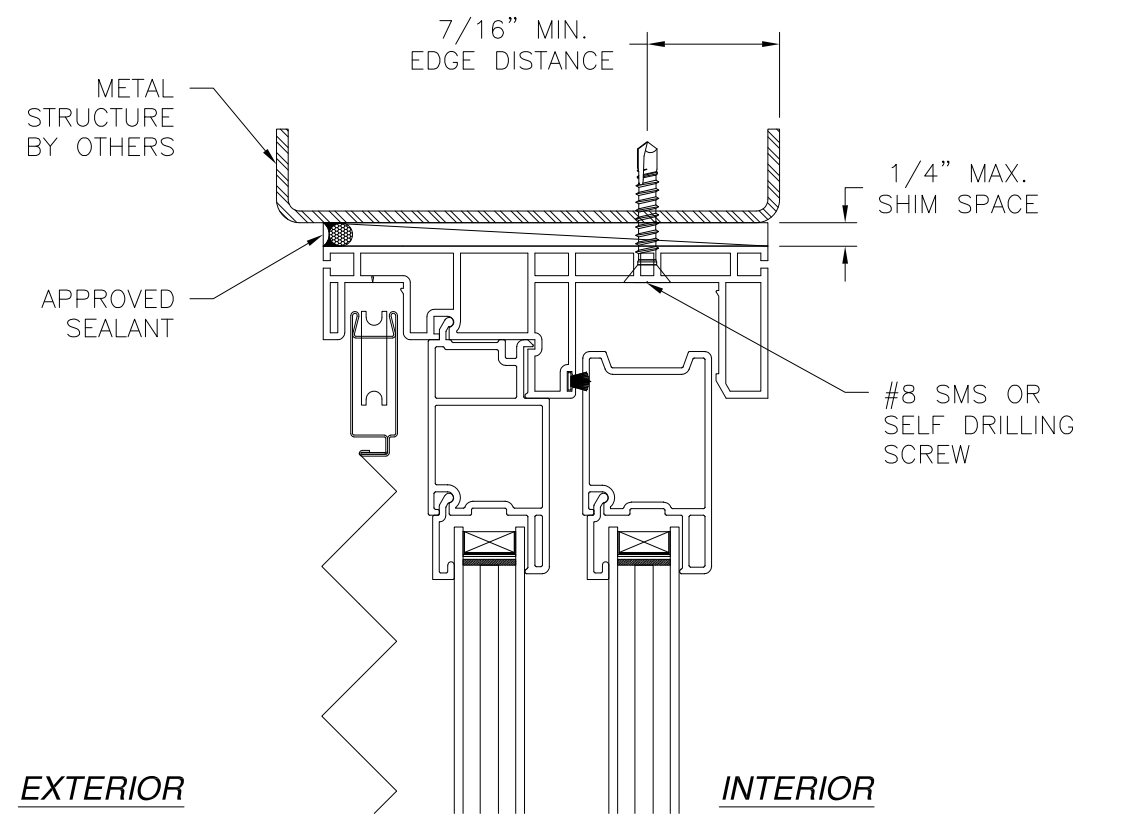
MI WINDOWS & DOORS, LLC. 650 WEST MARKET STREET GRATZ, PA 17030-0370		
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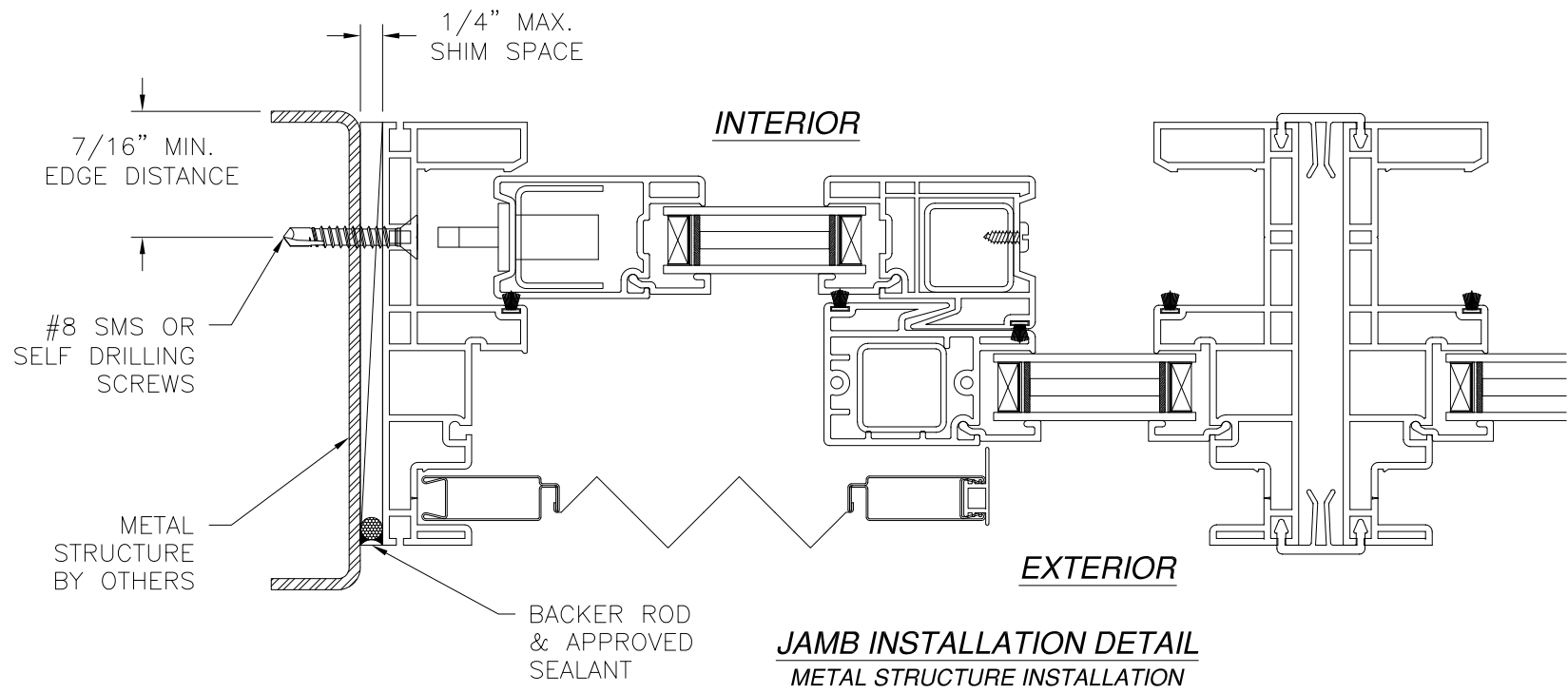


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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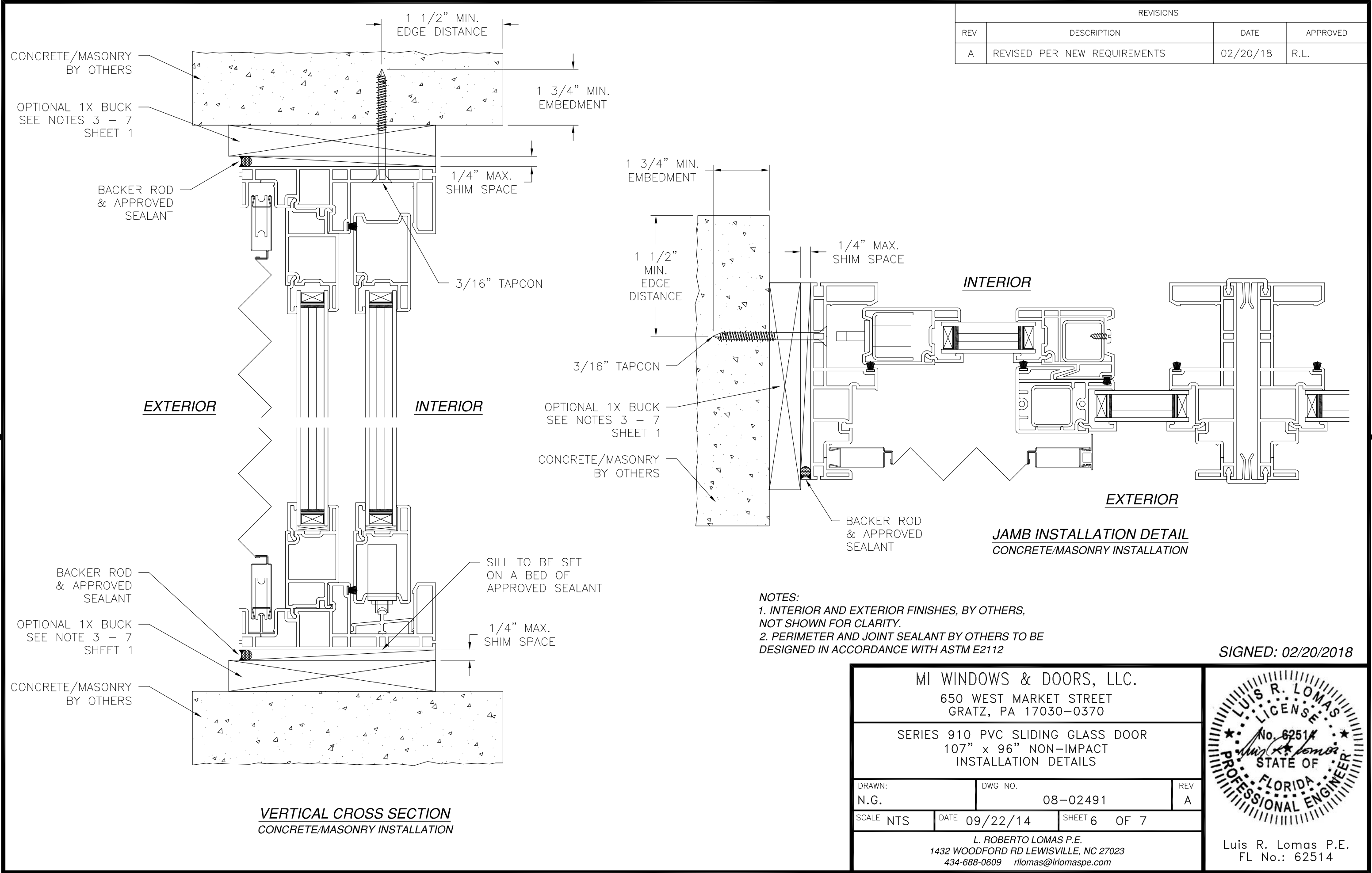
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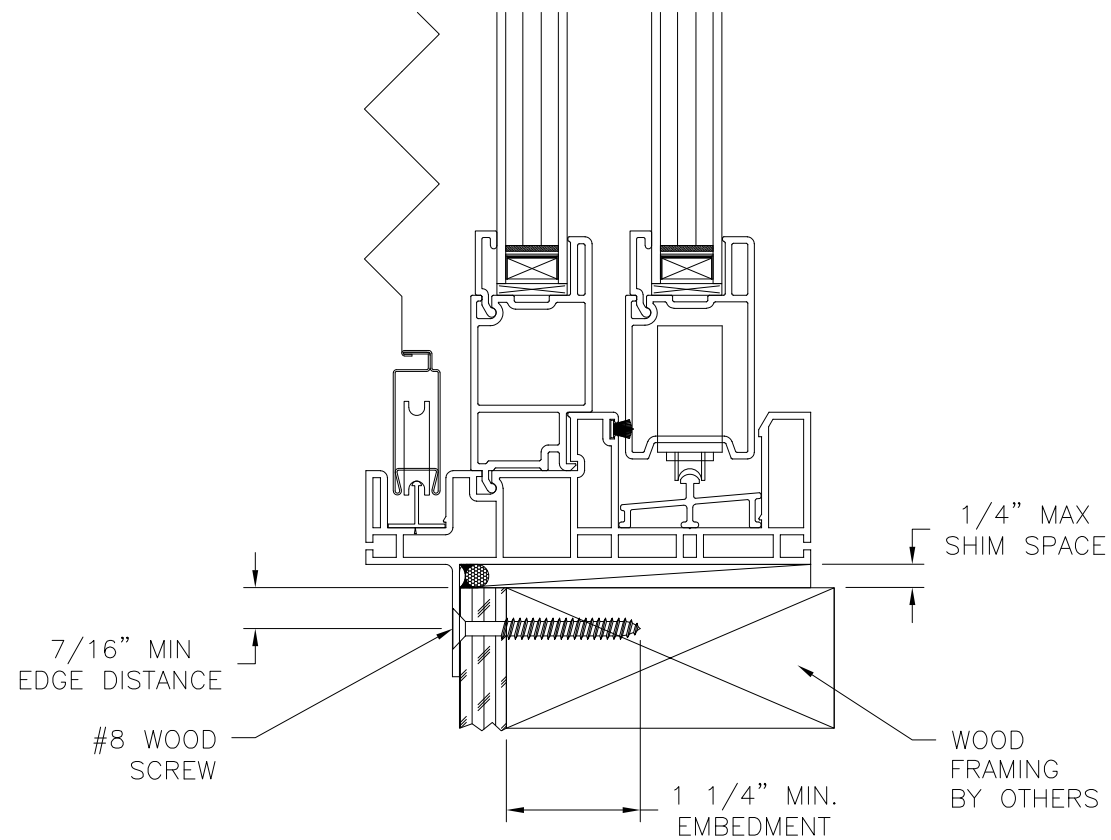
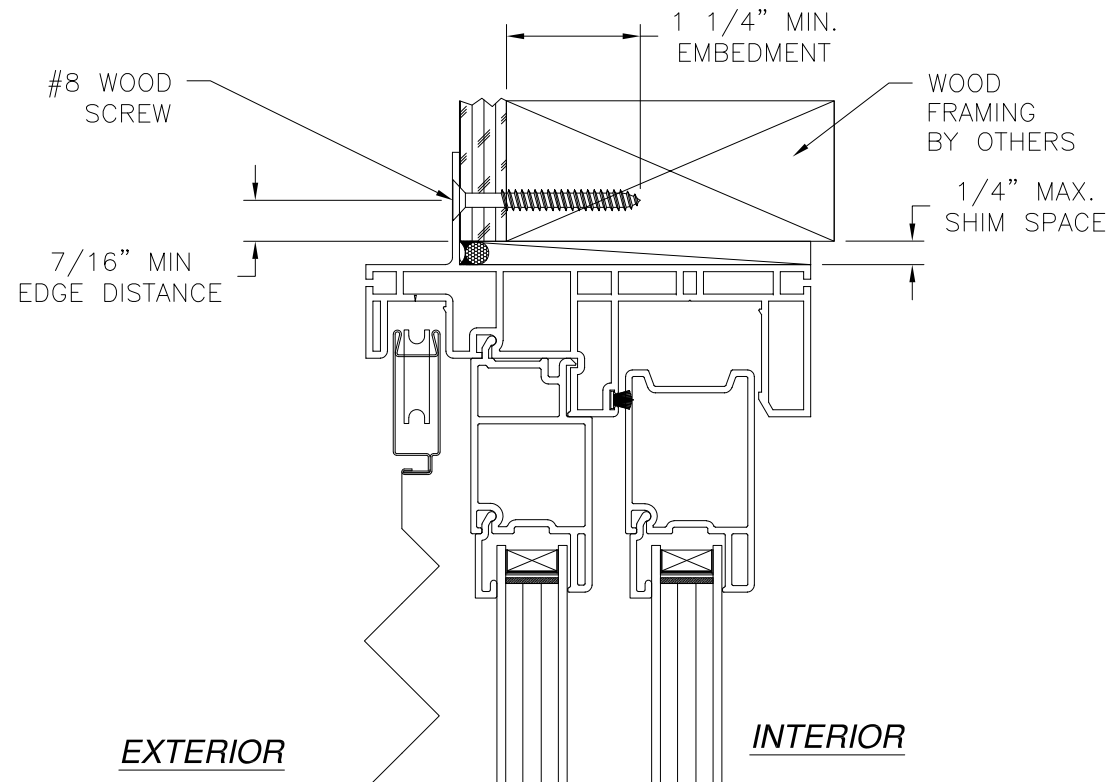
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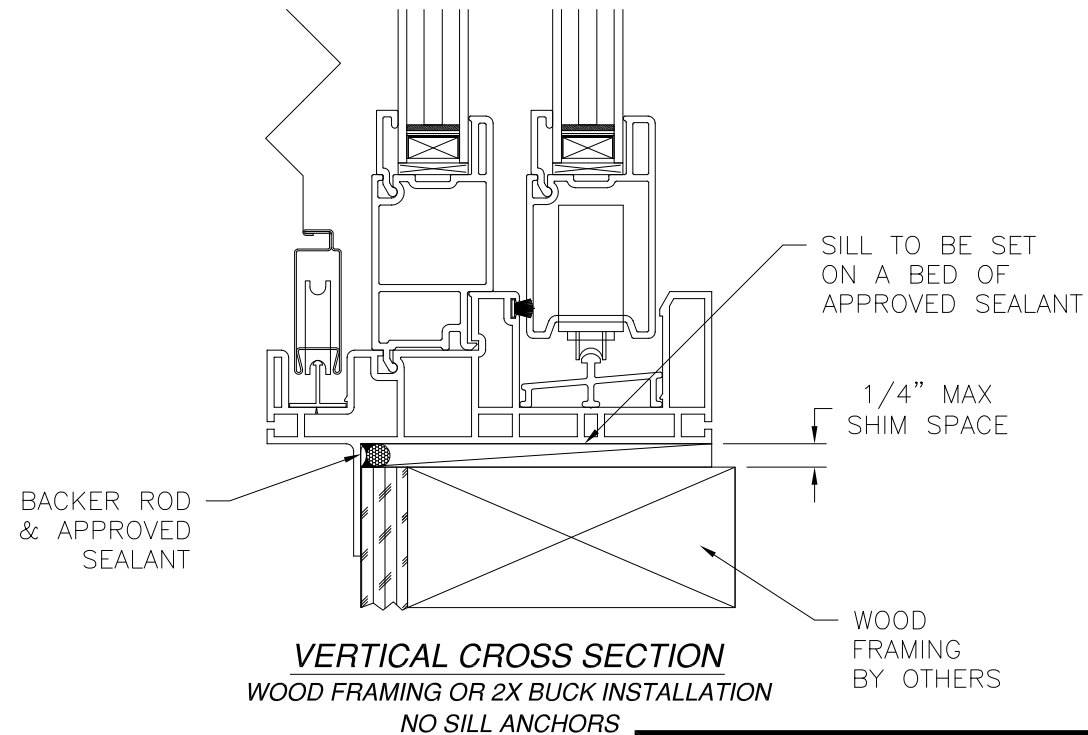
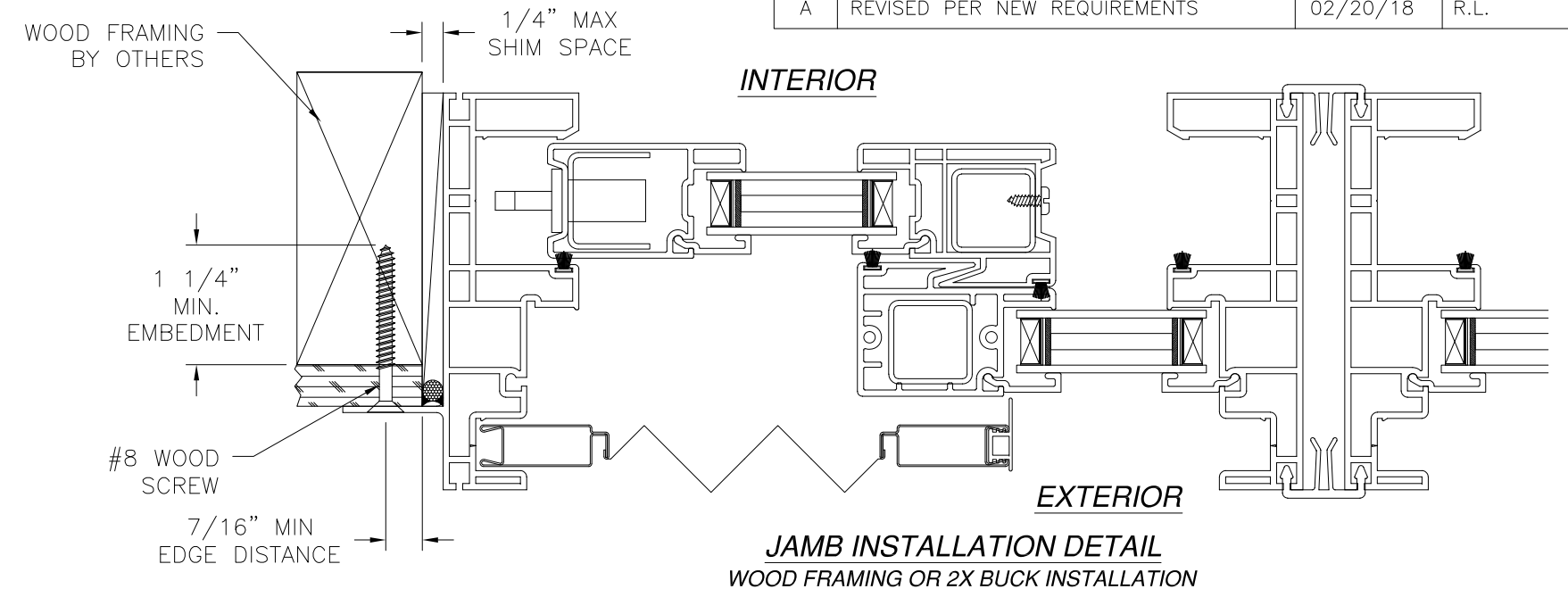
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VERTICAL CROSS SECTION
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