

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. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
 - 4. 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”.
 - 5. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
 - 6. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 7. FRAME MATERIAL: EXTRUDED RIGID PVC.
 - 8. UNITS MUST BE GLAZED PER ASTM E1300-04/09, WITH SAFETY GLAZING.
 - 9. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 10. FOR ANCHORING THROUGH FIN 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.
 - 11. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #6 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.
 - 12. ALL FASTENERS TO BE CORROSION RESISTANT.
 - 13. 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
 - D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048” THICK MINIMUM

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

SERIES 910/3910 PVC REINFORCED FIN
SLIDING GLASS DOOR 72” X 80” NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03436

REV
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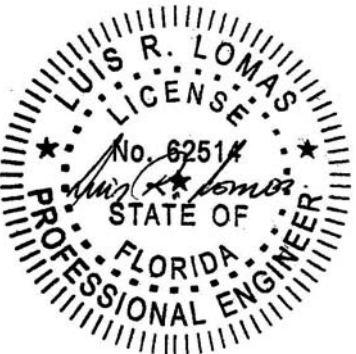
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SHEET 1 OF 7

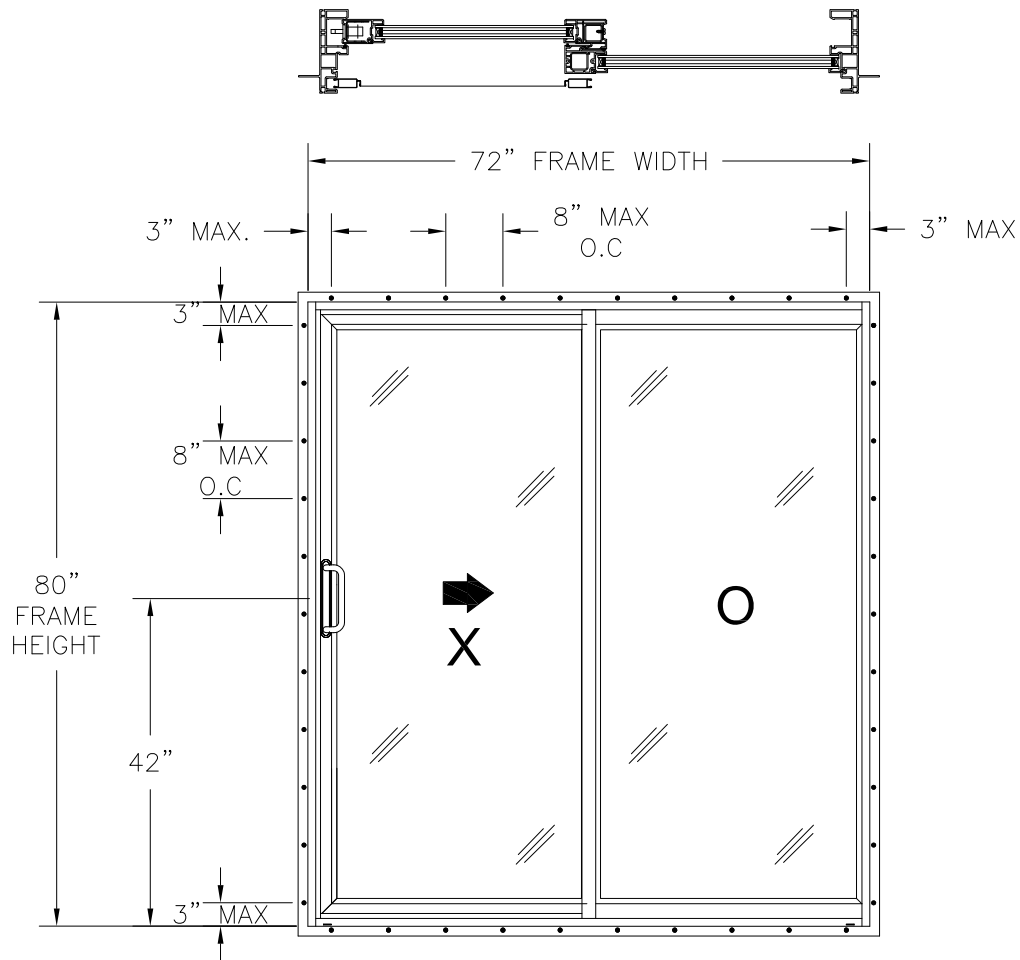
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 05/22/2019



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

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SERIES 910/3910 PVC SLIDING GLASS DOOR

DESIGN PRESSURE RATING	IMPACT RATING
+30.0/-40.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE IS REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

37" x 77" PANELS SHOWN. OTHER SIZES ARE APPROVED AS LONG
AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.78 FT²

- NOTES:
- PANEL SIZE: 37" X 77"
 - D.L.O. SIZE: 32" X 72 1/4"

HARDWARE SCHEDULE	
A.	(1) METAL DOOR HANDLE WITH LOCK AT LOCK STILE, 42" FROM SILL
B.	(2) METAL ROLLERS AT OPERABLE PANEL, 4" FROM EACH END OF BOTTOM RAIL
C.	1" X 1" STEEL TUBE REINFORCEMENT AT FIXED AND ACTIVE MEETING STILES
D.	STEEL HANDLE LINER (99-20 910) AT LOCK STILE

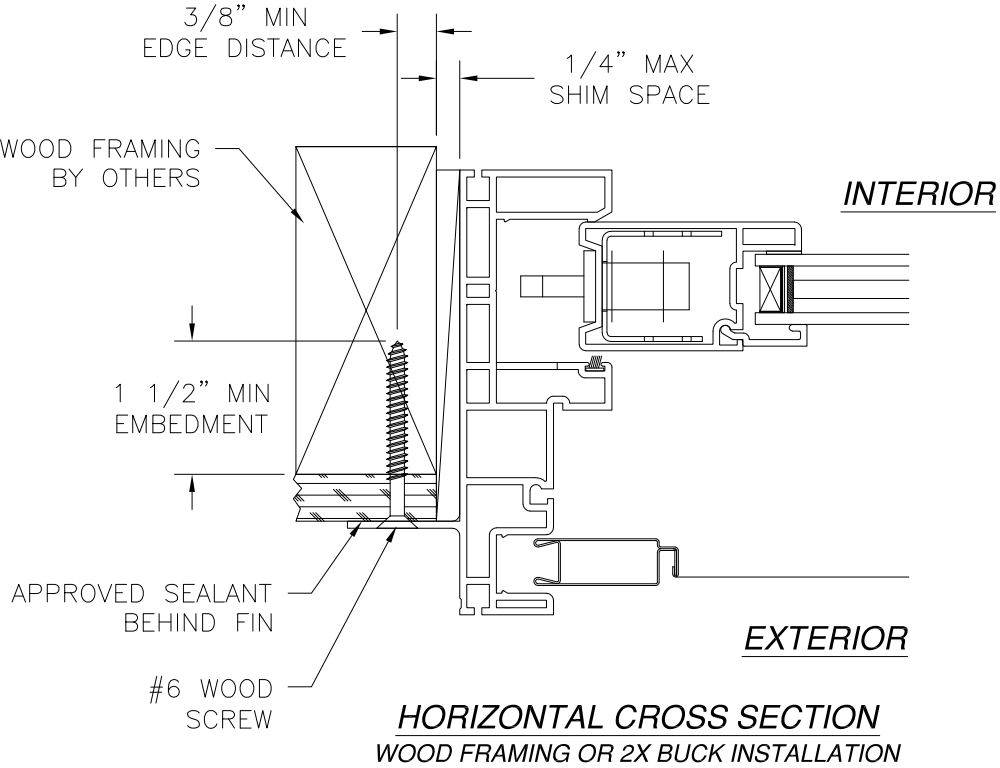
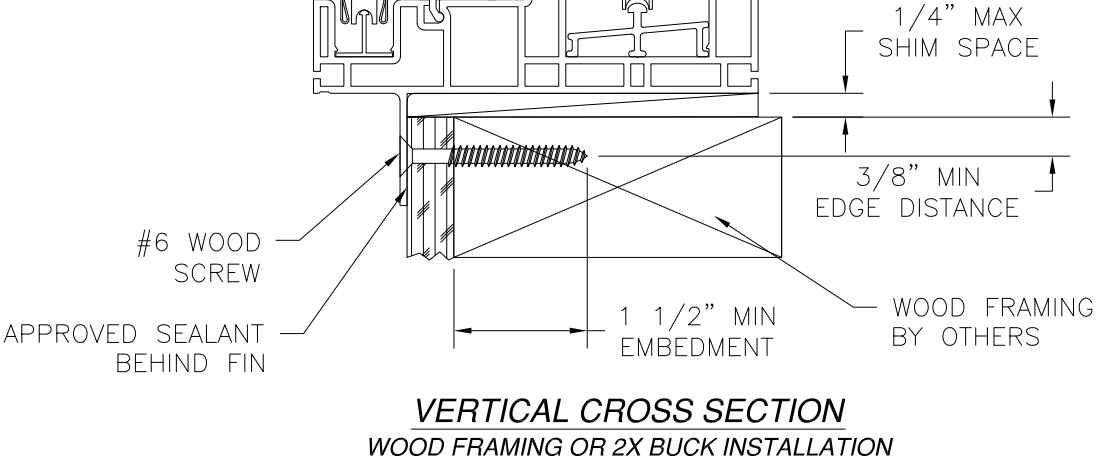
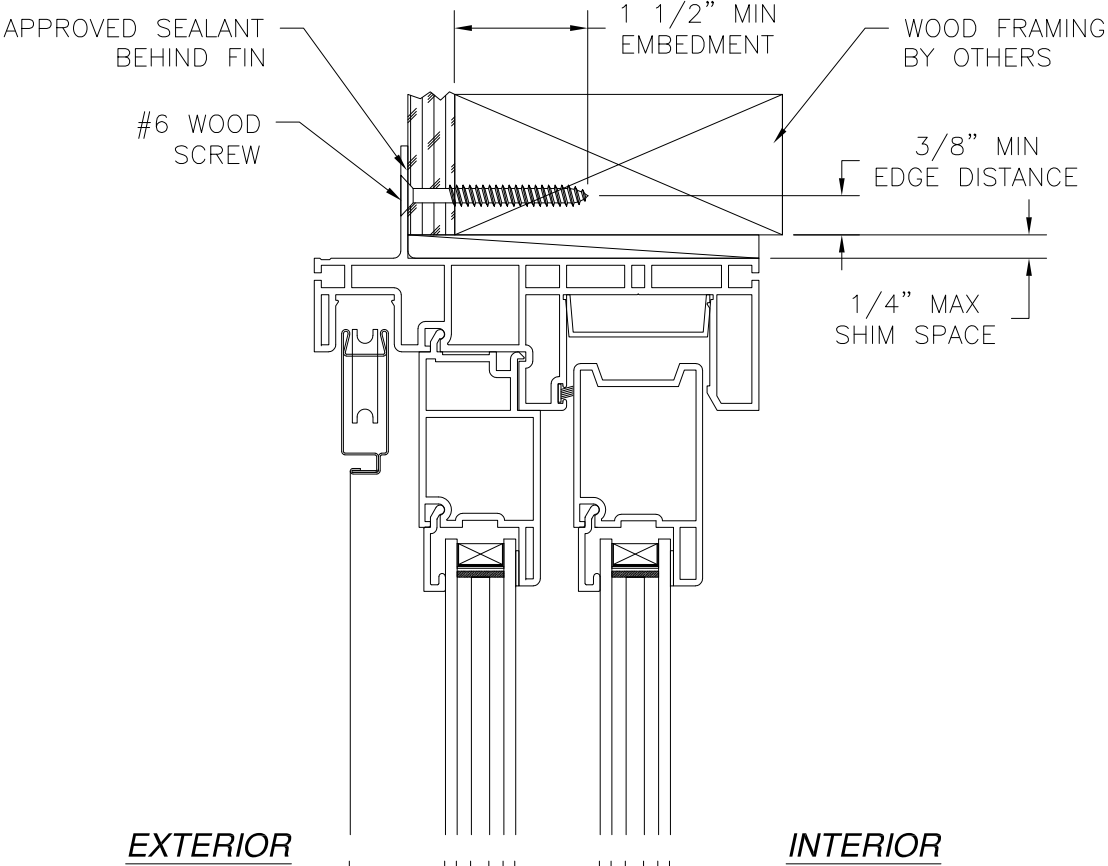
MI WINDOWS AND DOORS, LLC. 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 910/3910 PVC REINFORCED FIN SLIDING GLASS DOOR 72" X 80" NON-IMPACT ELEVATION		
DRAWN: A.R.	DWG NO. 08-03436	REV -
SCALE NTS	DATE 05/08/19	SHEET 2 OF 7
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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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FIN INSTALLATION DETAILS

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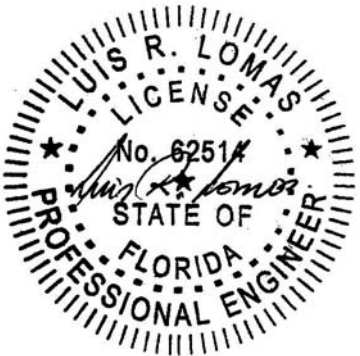
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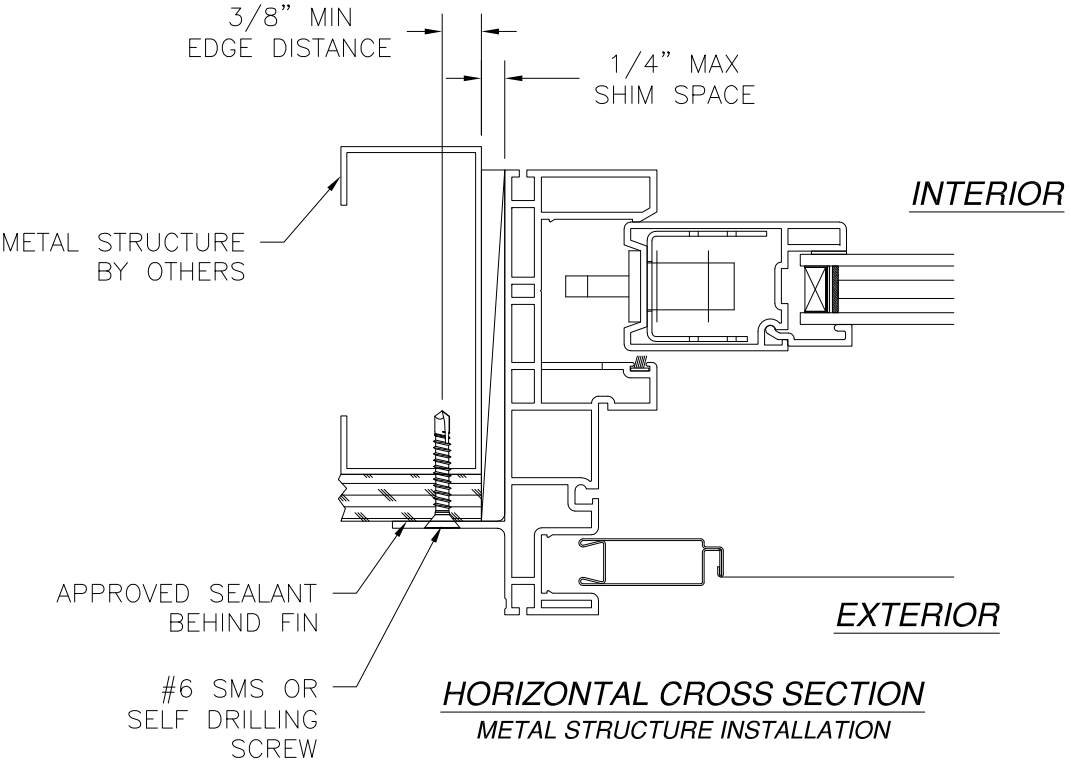
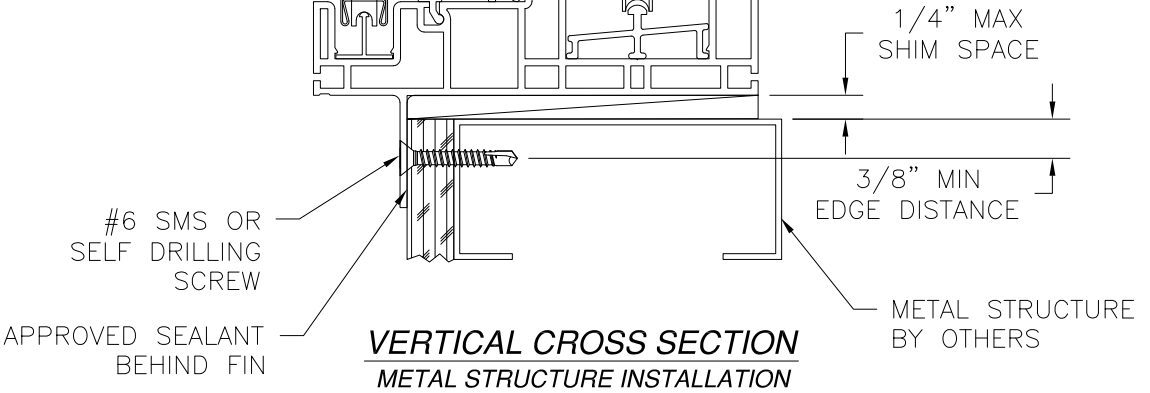
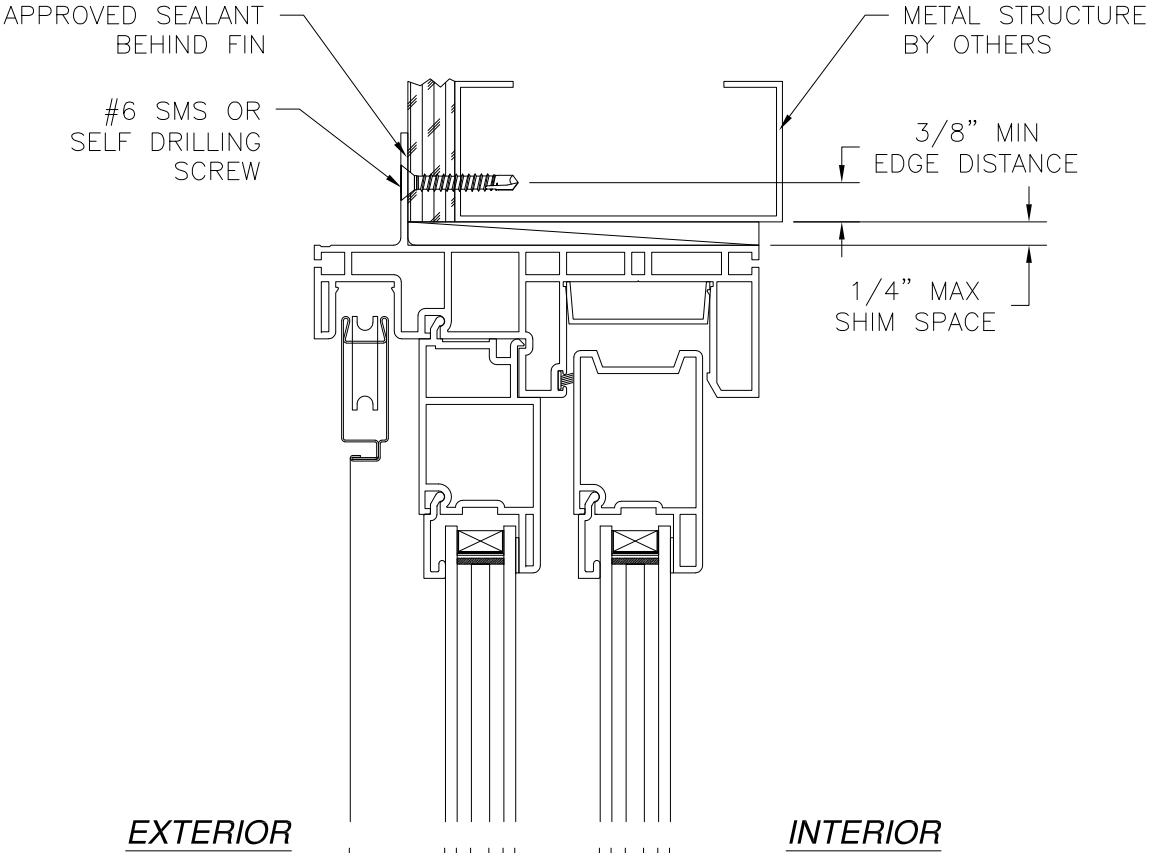
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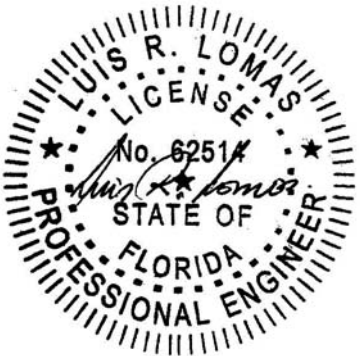
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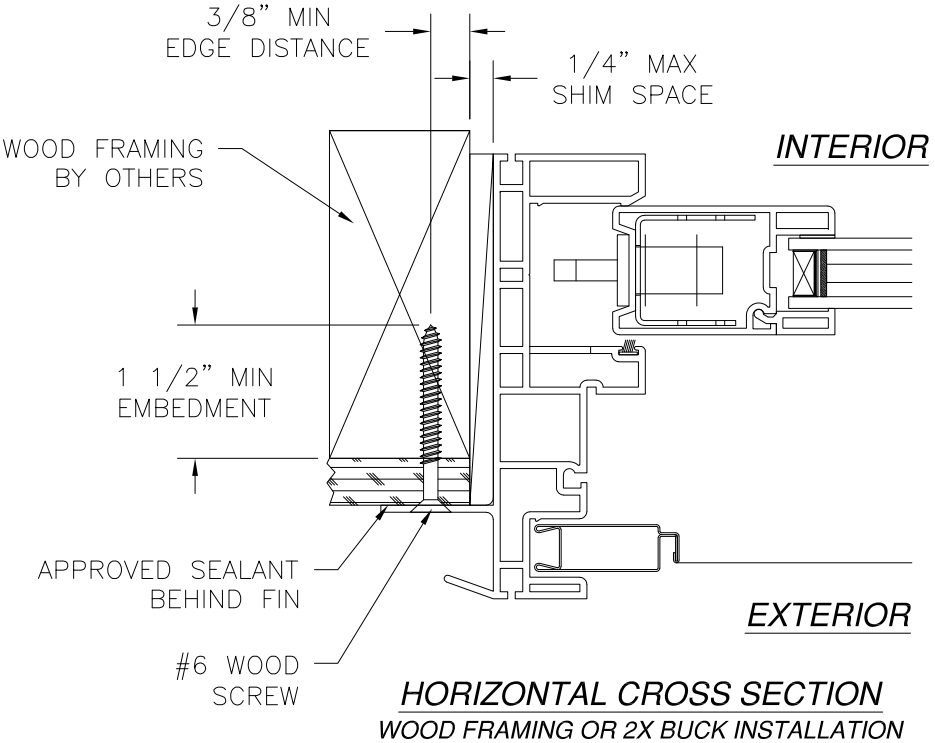
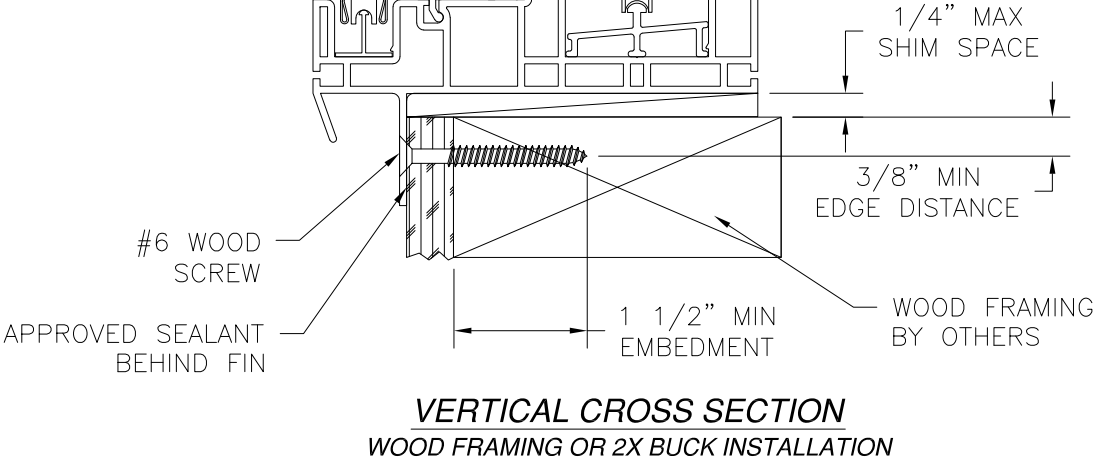
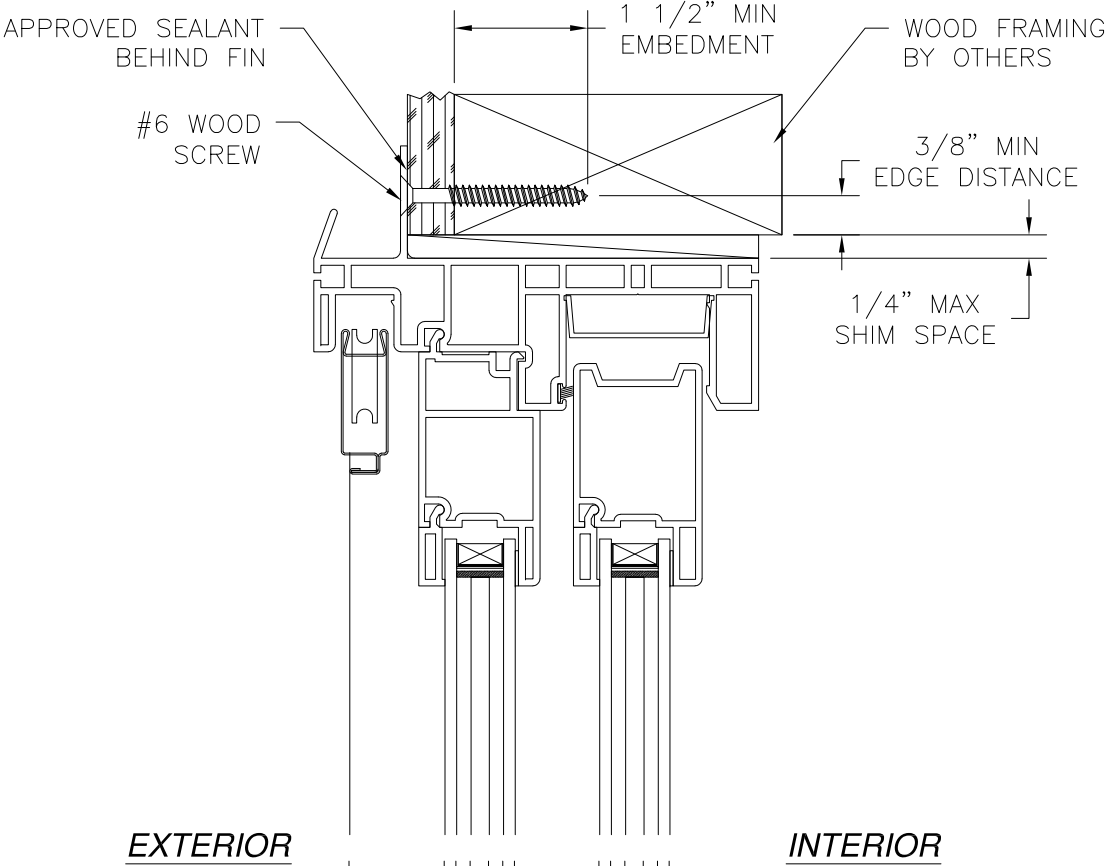
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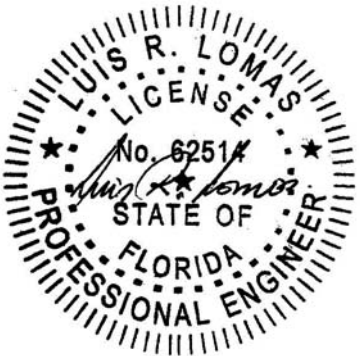
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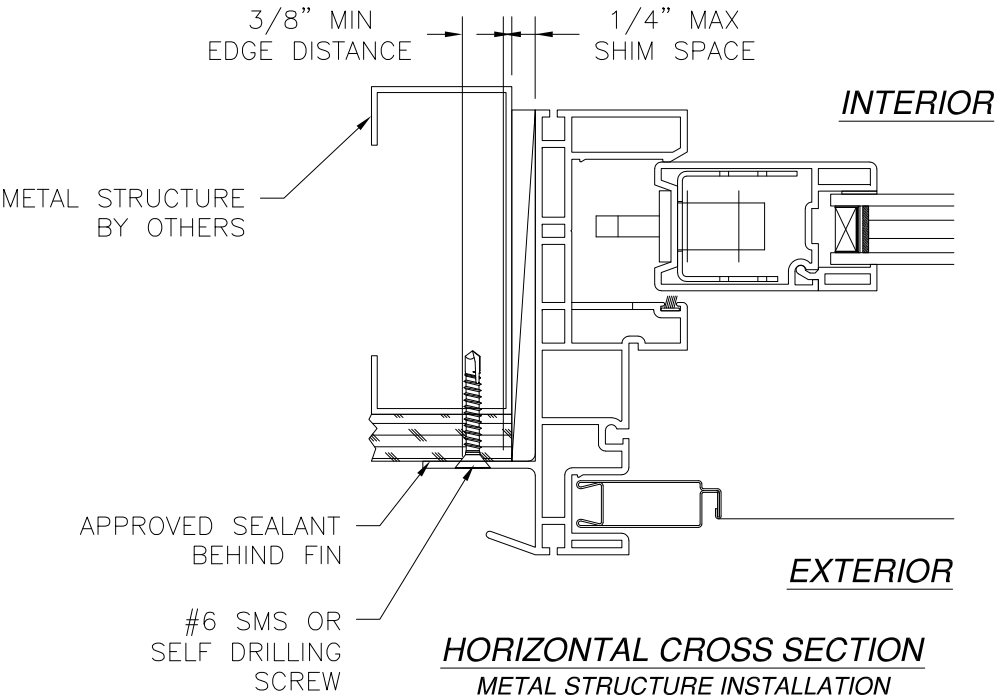
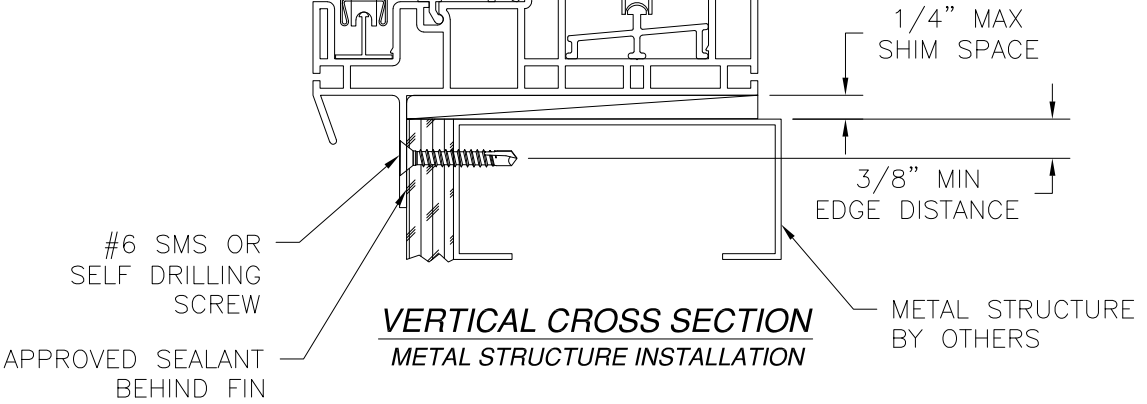
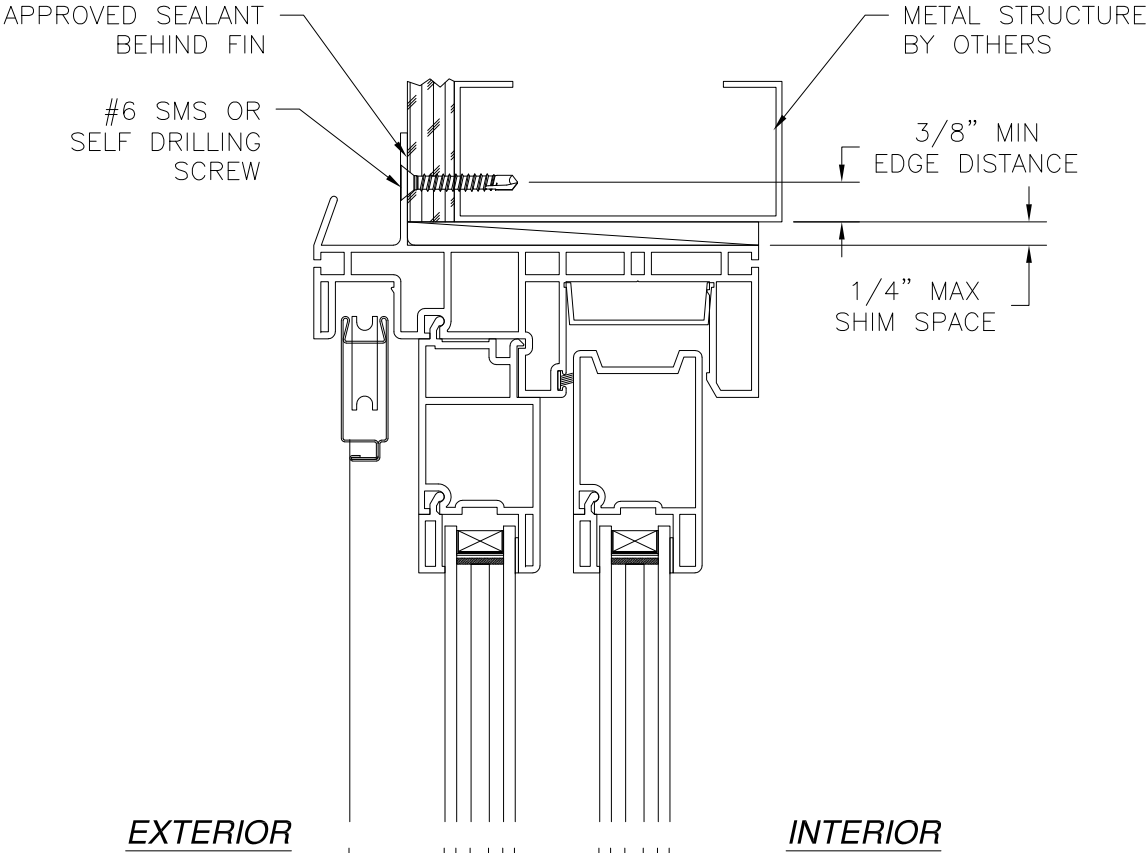
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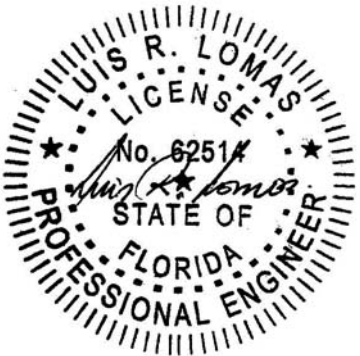
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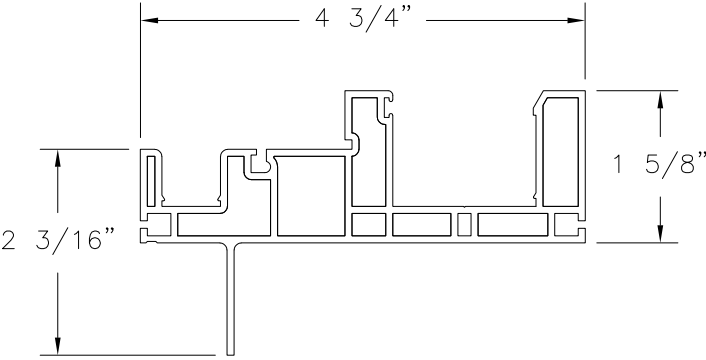
SHEET 6 OF 7

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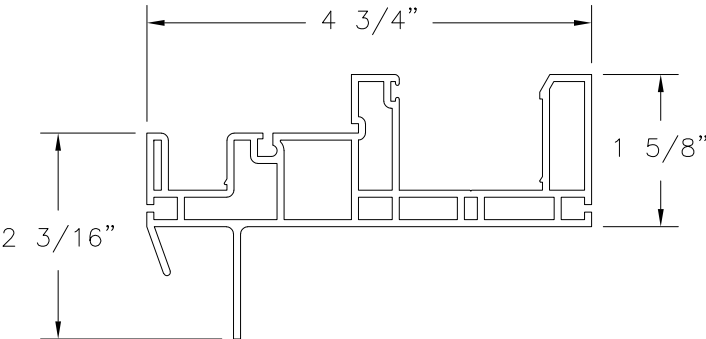


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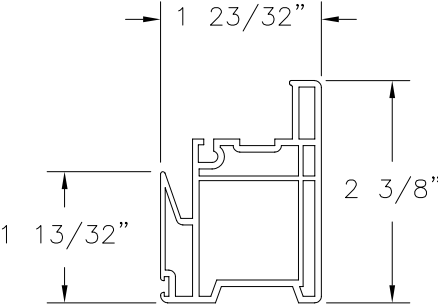
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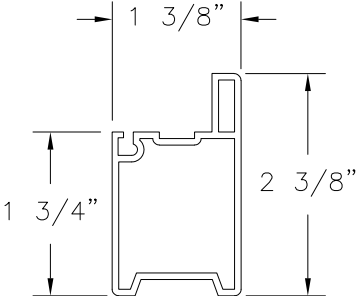
MAIN FRAME
RIGID PVC .075" THICKNESS (V-605)



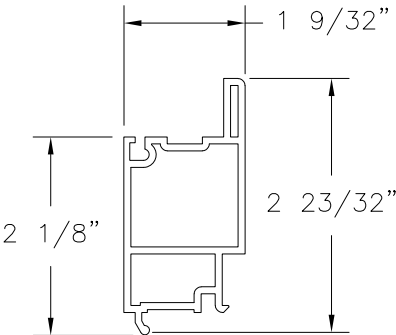
MAIN FRAME WITH J CHANNEL
RIGID PVC .075" THICKNESS (V-653)



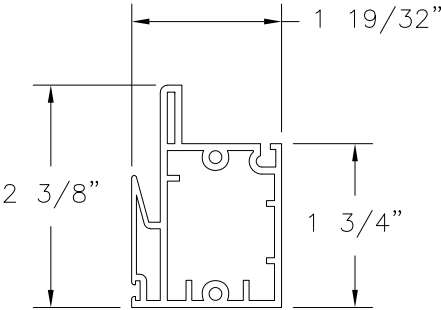
INTERLOCK RAIL
RIGID PVC .070" THICKNESS (V-592)



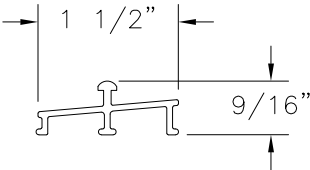
TOP & BOTTOM RAIL / LOCK RAIL
RIGID PVC .070" THICKNESS (V-591)



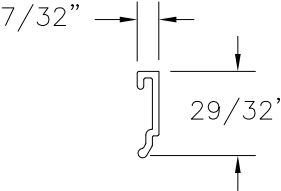
FIXED GLASS FRAME
RIGID PVC .075" THICKNESS (V-590)



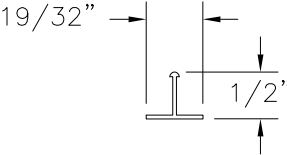
FIXED MEETING RAIL
RIGID PVC .075" THICKNESS (V-589)



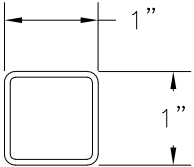
ROLL PANEL TRACK
ALUMINUM 6063-T5 .080" THICKNESS (M-2109)



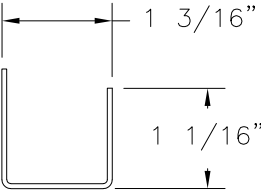
GLAZING BEAD
RIGID PVC .070" THICKNESS (V-782)



SCREEN ROLLER TRACK
ALUMINUM 6063-T5 .040" THICKNESS (M-1641)



1" X 1" TUBE REINFORCEMENT
STEEL



HANDLE LINER REINFORCEMENT
STEEL (99-20 910)

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