

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. 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 GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. 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.

15. 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.
16. 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.
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 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 .048” THICK MINIMUM

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MI WINDOWS AND DOORS, LLC.

650 WEST MARKET STREET
GRATZ, PA 17030–0370

SERIES 910 PVC REINFORCED FINLESS
SLIDING GLASS DOOR 96” X 96” NON–IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08–03434

REV
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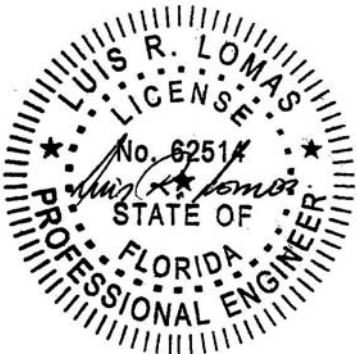
SCALE NTS

DATE 04/25/19

SHEET 1 OF 6

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SIGNED: 05/14/2019



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

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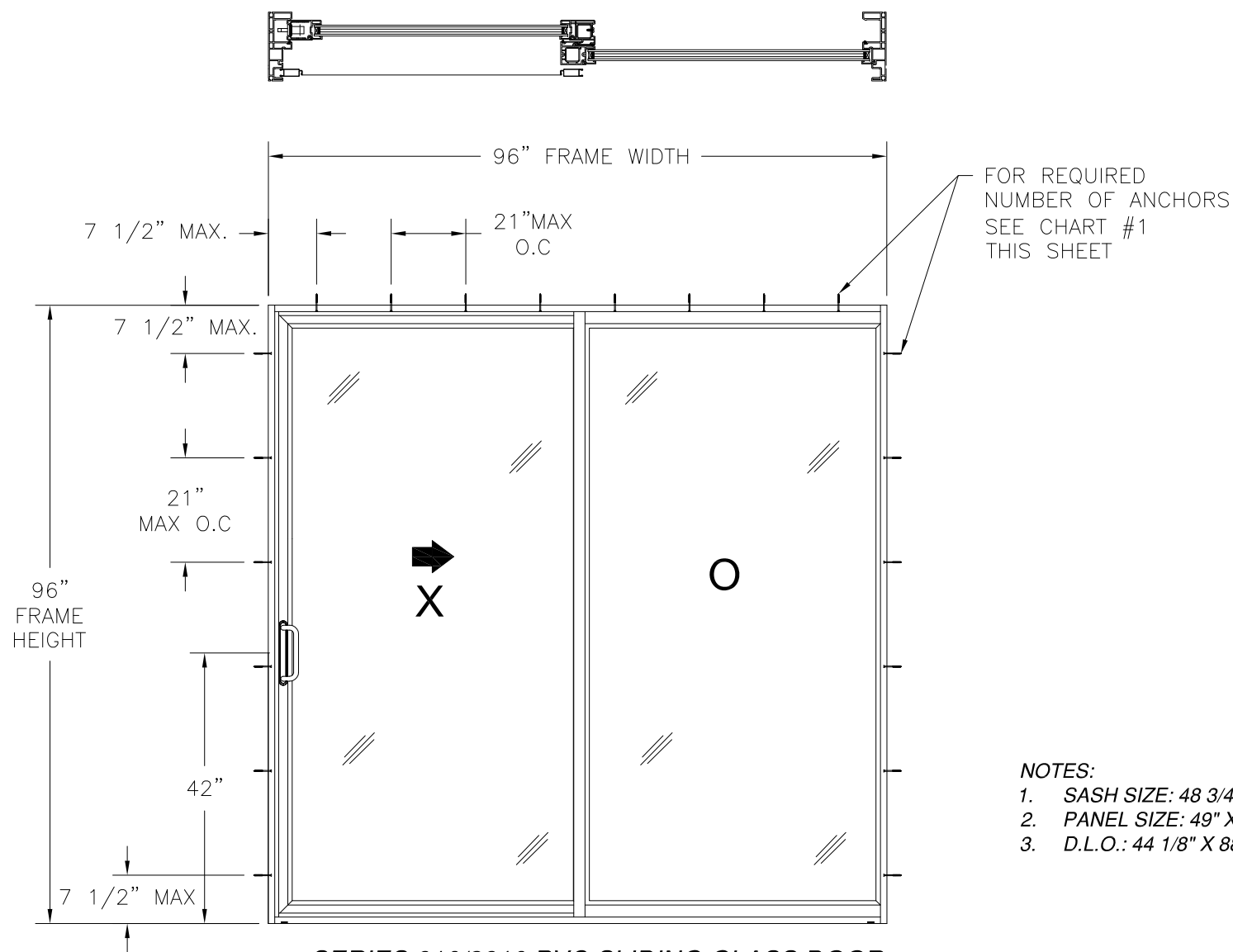


CHART #1

NUMBER OF ANCHOR LOCATIONS REQUIRED FRAME INSTALLATION														
Frame Height (in)	Frame Width (in)													
	60.00		66.00		72.00		78.00		84.00		90.00		96.00	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
80.00	5	5	6	5	6	5	7	5	7	5	8	5	8	5
84.00	5	5	6	5	6	5	7	5	7	5	8	5	8	5
88.00	5	6	6	6	6	6	7	6	7	6	8	6	8	6
92.00	5	6	6	6	6	6	7	6	7	6	8	6	8	6
96.00	5	6	6	6	6	6	7	6	7	6	8	6	8	6

- NOTES:
1. SASH SIZE: 48 3/4" X 93 3/4"
 2. PANEL SIZE: 49" X 94"
 3. D.L.O.: 44 1/8" X 88 7/8"

SERIES 910/3910 PVC SLIDING GLASS DOOR
EXTERIOR VIEW
FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±20.0PSF	NONE

49" x 94" PANELS SHOWN. OTHER SIZES APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 31.9 FT²

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.	STEEL REINFORCEMENT (1" X 1" STEEL TUBE) AT FIXED AND ACTIVE MEETING STILES
D.	STEEL HANDLE LINER (99-20 910) AT LOCK STILE

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ELEVATION

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SHEET
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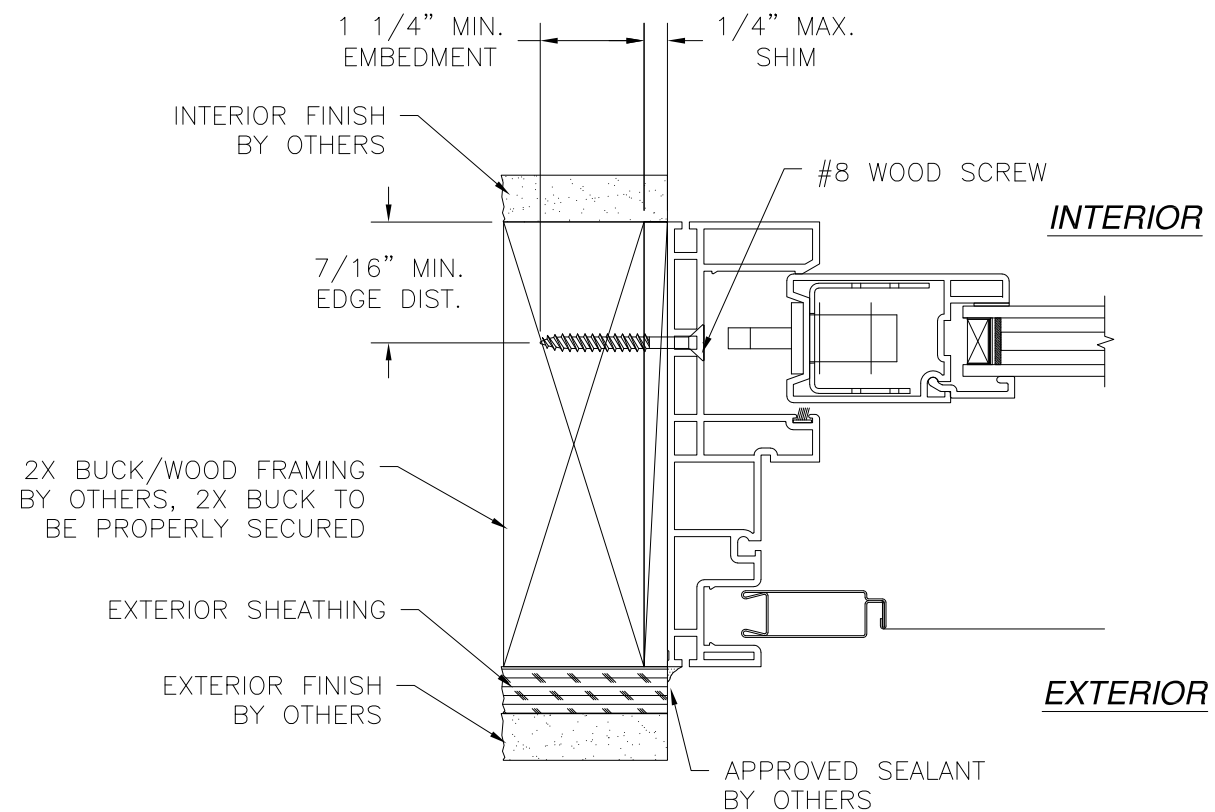
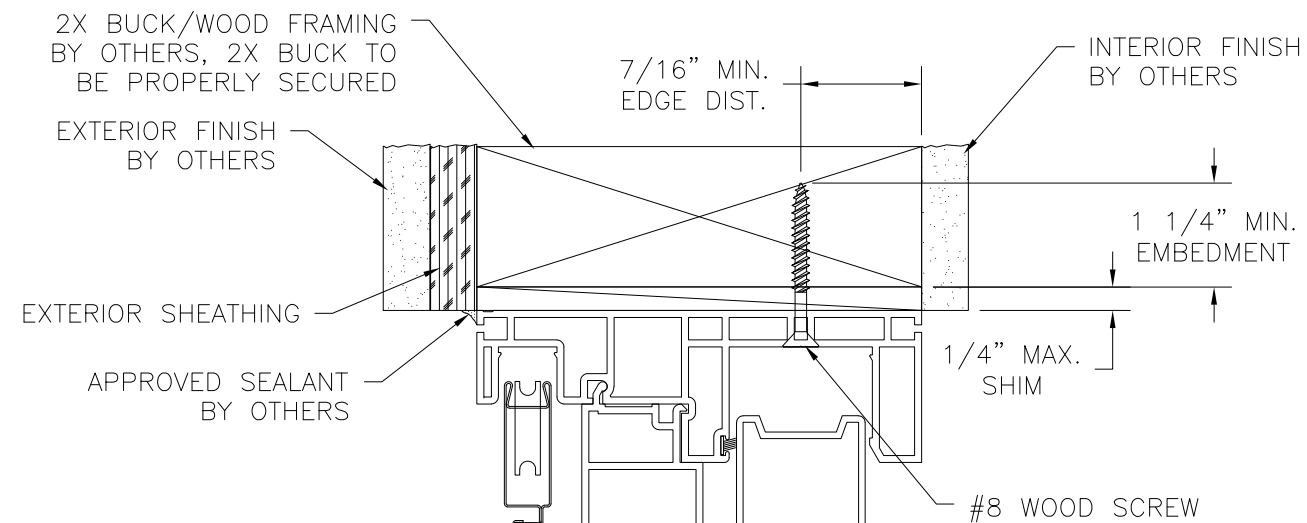
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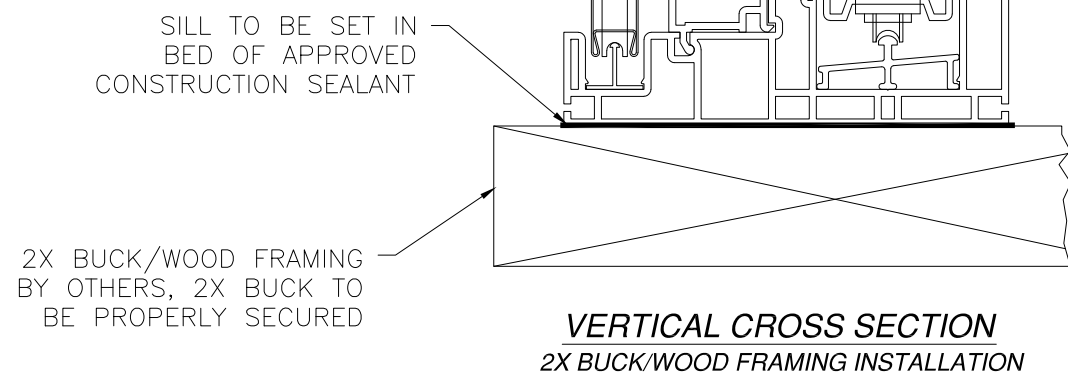


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HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
ACTIVE JAMB SHOWN, FIXED JAMB SIMILAR



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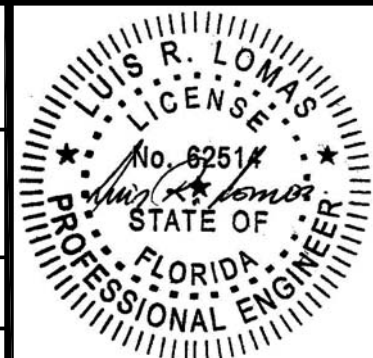
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SHEET 3 OF 6

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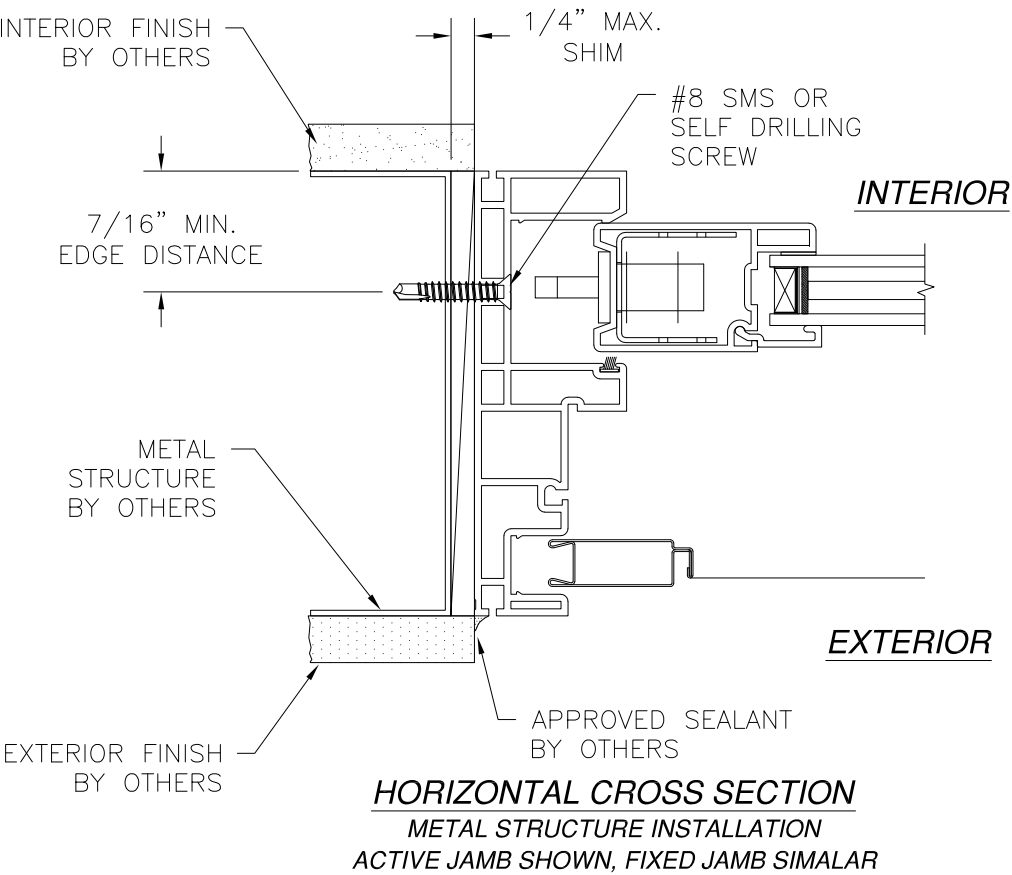
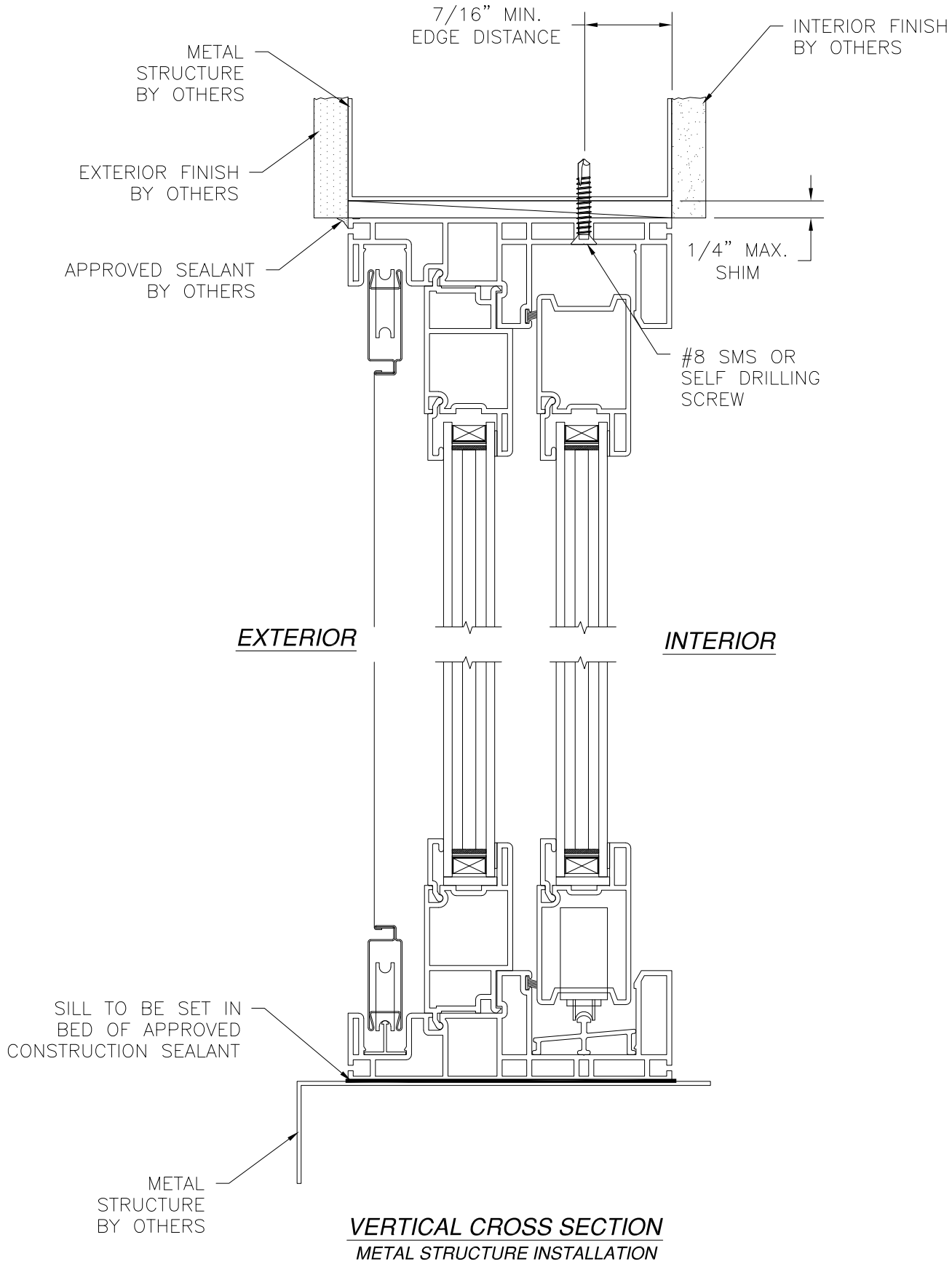
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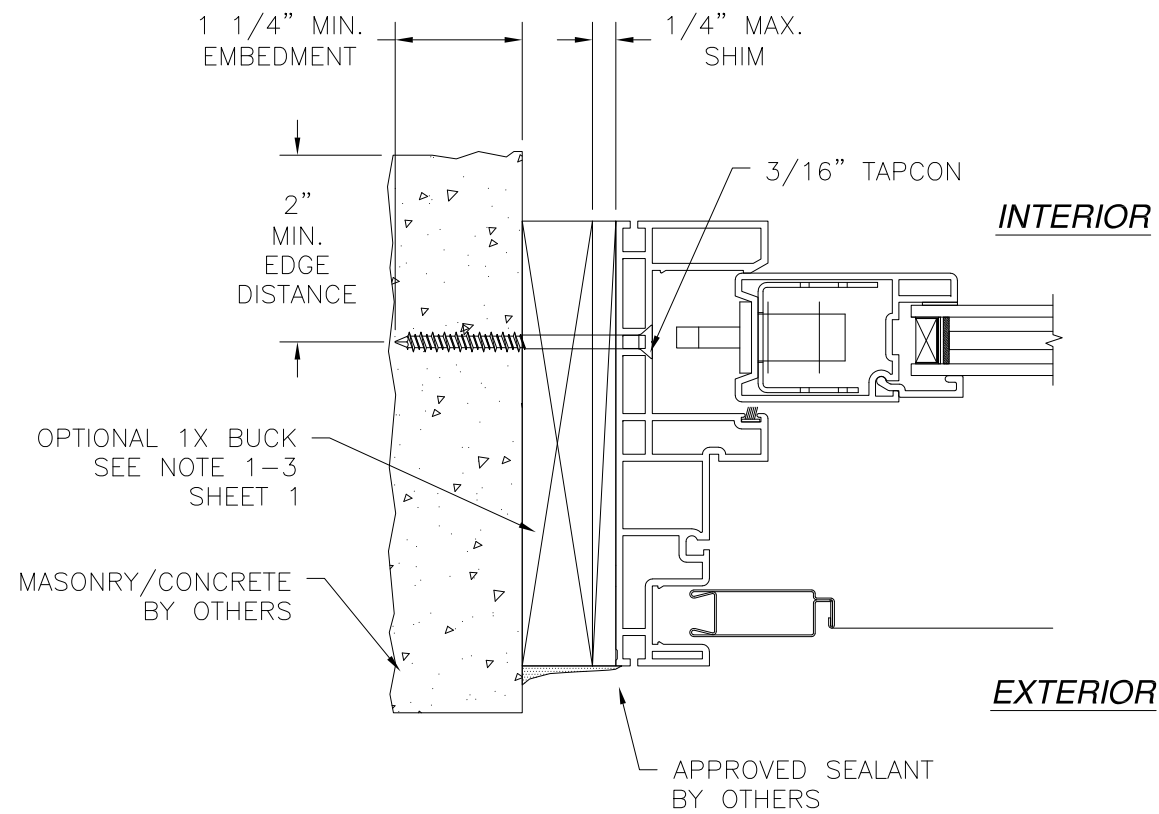
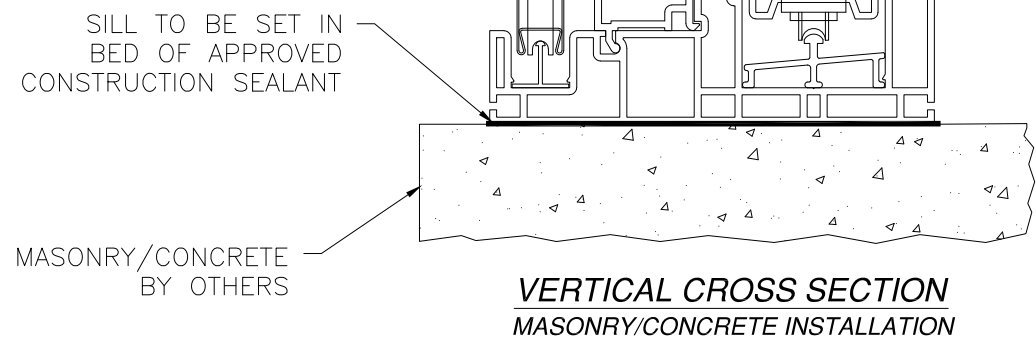
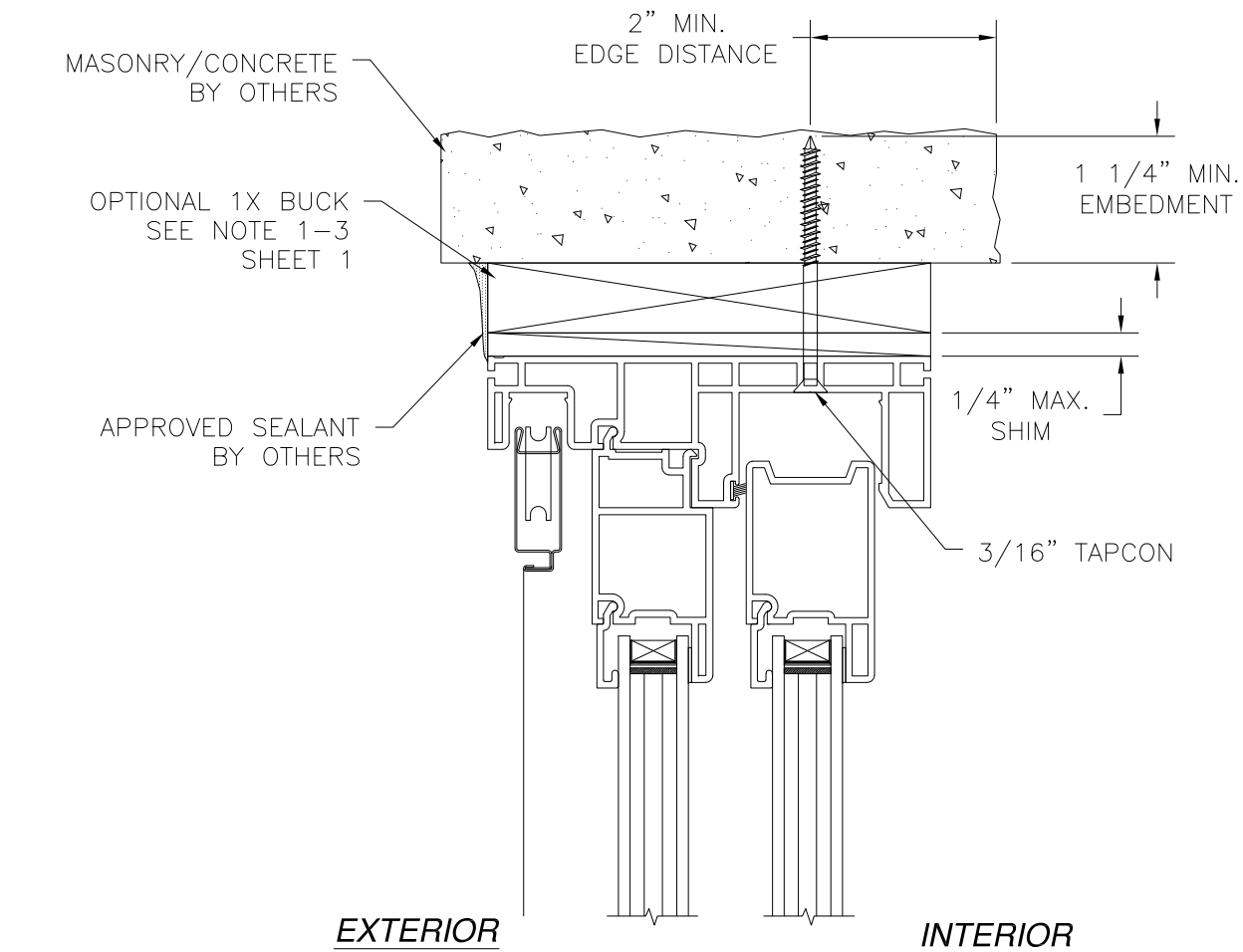
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HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
ACTIVE JAMB SHOWN, FIXED JAMB SIMILAR

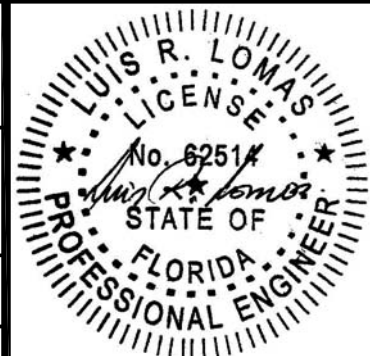
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650 WEST MARKET STREET
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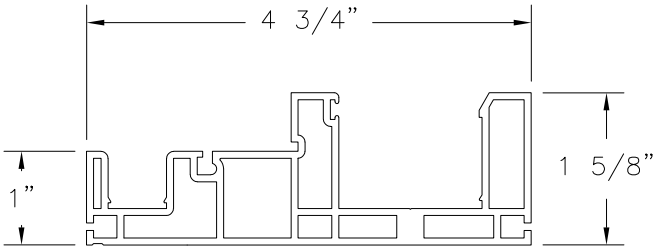
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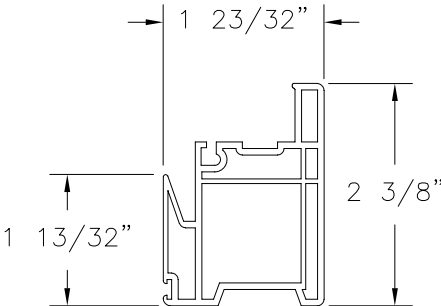


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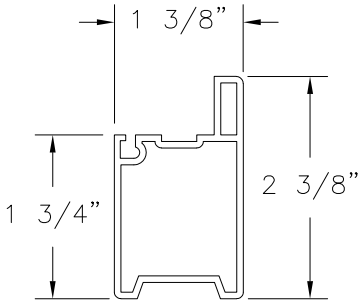
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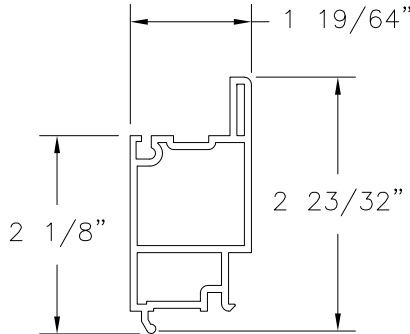
MAIN FRAME
RIGID PVC .075" THICKNESS (V-605)



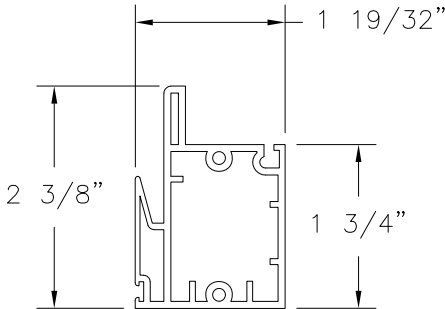
INTERLOCK RAIL
RIGID PVC .070" THICKNESS (V-592)



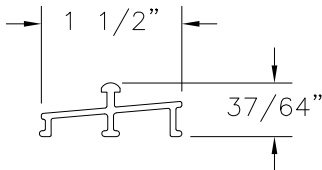
TOP & BOTTOM RAIL / LOCK RAIL
RIGID PVC .070" THICKNESS (V-591)



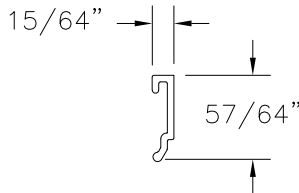
FIXED GLASS FRAME
RIGID PVC .075" THICKNESS (V-590)



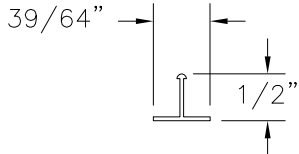
FIXED MEETING RAIL
RIGID PVC .075" THICKNESS (V-589)



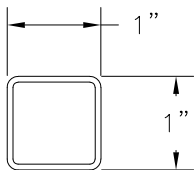
ROLL PANEL TRACK
ALUMINUM 6063-T5 .080" THICKNESS (M-2109)



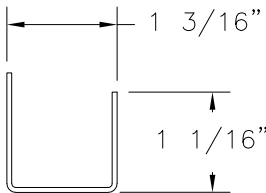
GLAZING BEAD
RIGID PVC .070" THICKNESS (V-782)



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



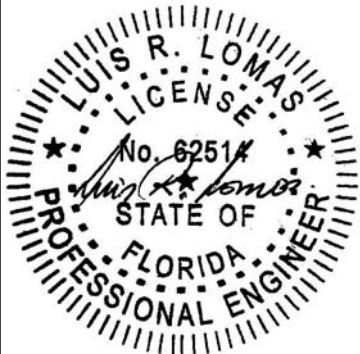
1" X 1" TUBE REINFORCEMENT
STEEL



HANDLE LINER REINFORCEMENT
STEEL (99-20 910)

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