

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 METAL STRUCTURE 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. SHIM AS NEEDED. 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".
4. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
5. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. FRAME MATERIAL: EXTRUDED RIGID PVC.
7. UNITS MUST BE GLAZED PER ASTM E1300, REFER TO SHEET 5 FOR GLAZING DETAIL.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
9. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING THROUGH FIN 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.
11. 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:

11.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

11.2. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI

SIGNED: 10/19/2023

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KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

4000 VINYL HORIZONTAL SLIDER WINDOW
IMPACT 72" X 48"
NOTES

DRAWN:
A.R.

DWG NO.
08-03922

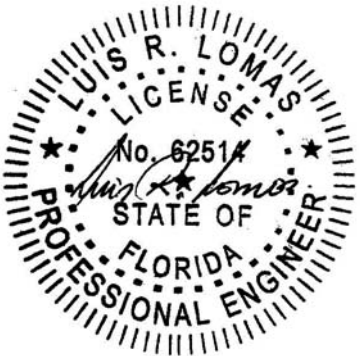
REV
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SCALE NTS

DATE 10/11/2023

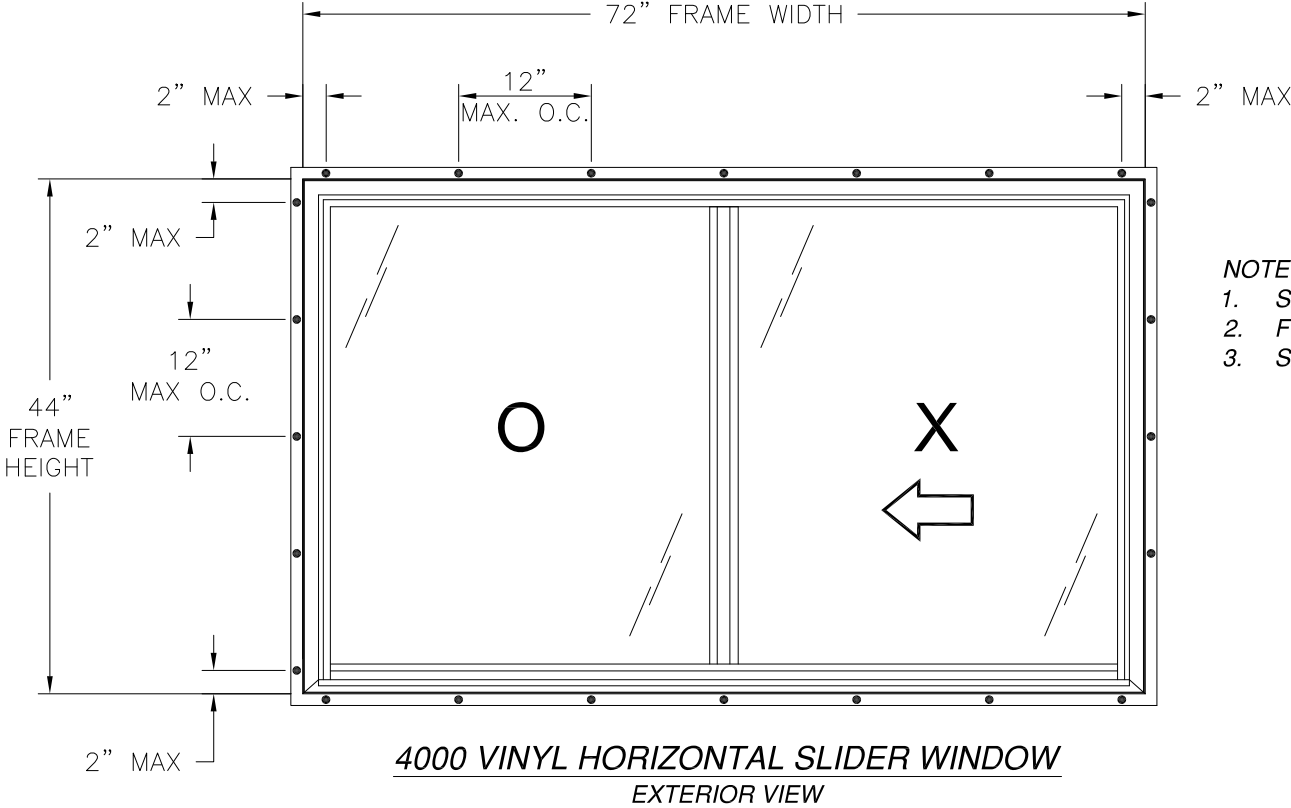
SHEET 1 OF 5

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com



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

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- NOTES:
- SASH SIZE: 35 3/8" X 41 5/8"
 - FIXED D.L.O.: 33 1/8" X 40 7/8"
 - SASH D.L.O.: 32 1/4" X 38 1/2"

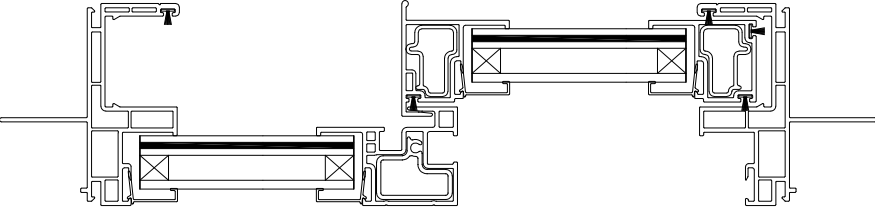


Chart #1
Design pressure rating (psf)

Frame Height (in)	Frame Width (in)																			
	24.0		30.0		36.0		42.0		48.0		54.0		60.0		66.0		72.0		78.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
18.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
24.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
30.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
36.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	74.3	50.0	72.7	50.0	72.2	50.0	72.2
42.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	70.7	50.0	65.0	50.0	60.8	50.0	57.8	50.0	55.6	50.0	54.2	-	-
44.0	50.0	75.0	50.0	75.0	50.0	74.3	50.0	66.5	50.0	60.9	50.0	56.8	50.0	53.8	50.0	51.6	50.0	50.0	-	-
48.0	50.0	75.0	50.0	72.1	50.0	61.2	50.0	53.5	48.0	48.0	43.9	43.9	40.8	40.8	38.4	38.4	-	-	-	-
54.0	50.0	62.1	50.0	50.2	42.4	42.4	37.0	37.0	33.0	33.0	30.0	30.0	-	-	-	-	-	-	-	-
60.0	45.1	45.1	36.4	36.4	30.7	30.7	26.6	26.6	23.7	23.7	-	-	-	-	-	-	-	-	-	-
66.0	33.8	33.8	27.2	27.2	22.9	22.9	19.8	19.8	17.6	17.6	-	-	-	-	-	-	-	-	-	-
72.0	26.0	26.0	20.9	20.9	17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

FOR OTHER SIZES APPROVED. SEE CHART #1, THIS SHEET

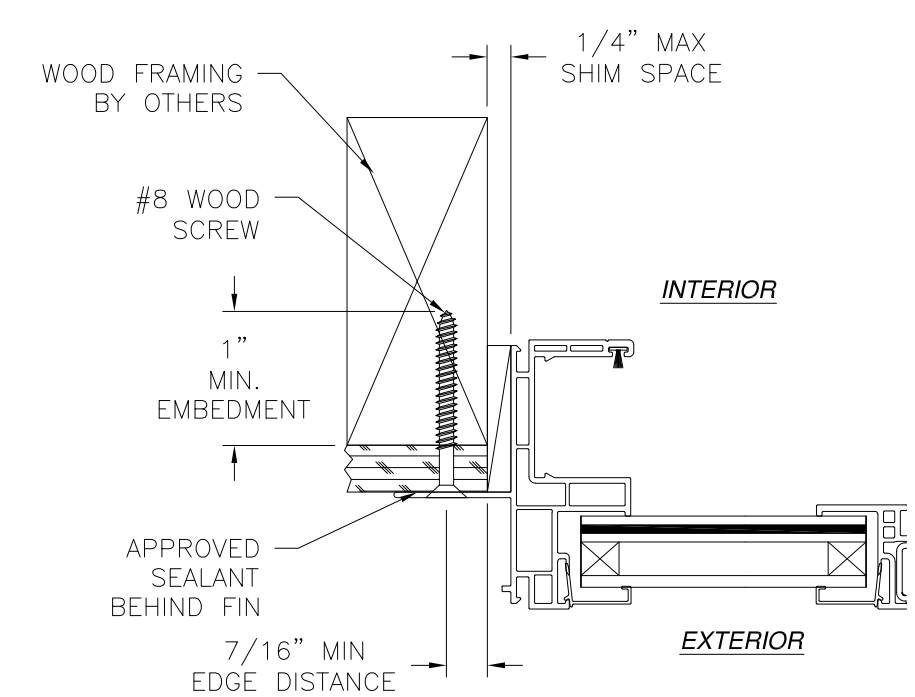
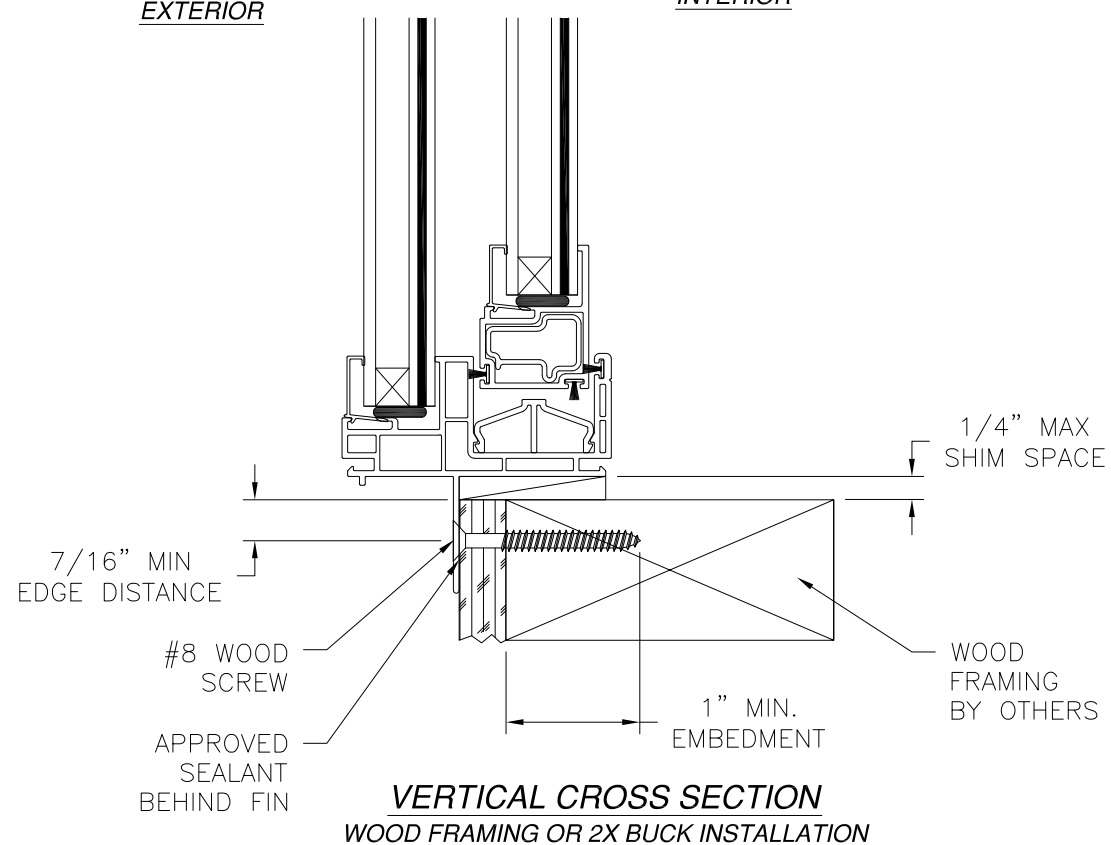
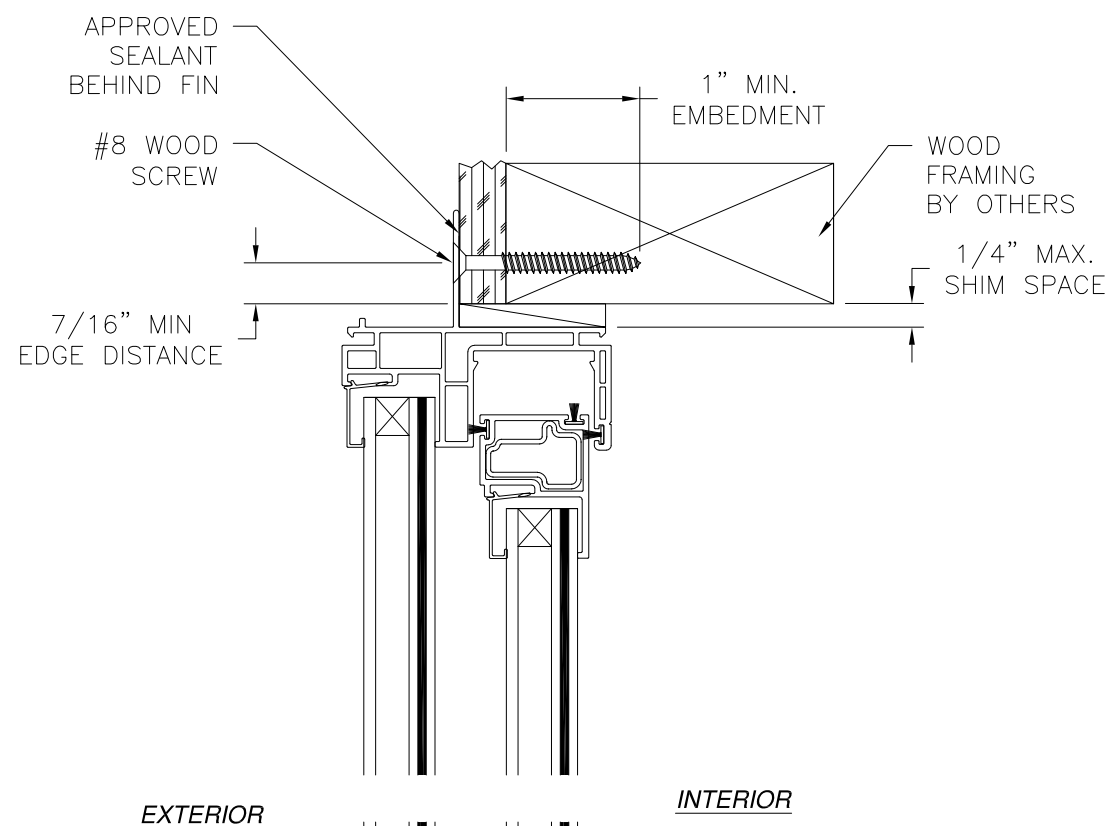
HARDWARE SCHEDULE	
A.	METICAL CAM ACTION LOCKS, 4" FROM EACH END OF SASH LOCK STILE
B.	TANDEM METALLIC ROLLER WITH PLASTIC HOUSING SNAPPED INTO SASH BOTTOM RAIL, 2 1/4" FROM EACH END
C.	ALUMINUM REINFORCEMENT (11585) IN FIXED INTERLOCK
D.	ALUMINUM REINFORCEMENT (204-B) IN ALL SASH MEMBERS

KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
4000 VINYL HORIZONTAL SLIDER WINDOW IMPACT 72" X 48" ELEVATION		
DRAWN: A.R.	DWG NO. 08-03922	REV -
SCALE NTS	DATE 10/11/2023	SHEET 2 OF 5
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 10/19/2023



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FL No.: 62514



JAMB INSTALLATION DETAIL
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

KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
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APPROVED SEALANT BEHIND FIN

#8 SMS OR SELF DRILLING SCREW

7/16" MIN EDGE DISTANCE

METAL STRUCTURE BY OTHERS

1/4" MAX. SHIM SPACE

EXTERIOR

INTERIOR

7/16" MIN EDGE DISTANCE

#8 SMS OR SELF DRILLING SCREW

APPROVED SEALANT BEHIND FIN

METAL STRUCTURE BY OTHERS

1/4" MAX SHIM SPACE

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

METAL STRUCTURE BY OTHERS

1/4" MAX SHIM SPACE

#8 SMS OR SELF DRILLING SCREW

APPROVED SEALANT BEHIND FIN

7/16" MIN EDGE DISTANCE

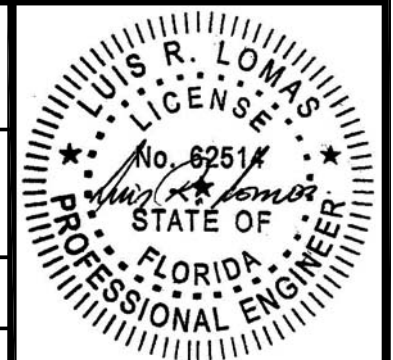
INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:
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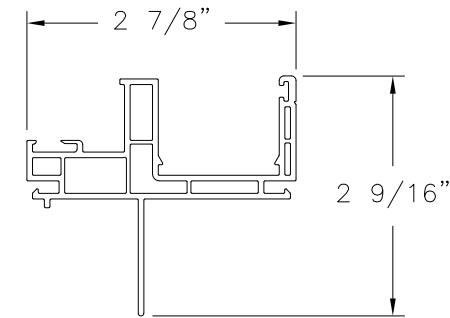


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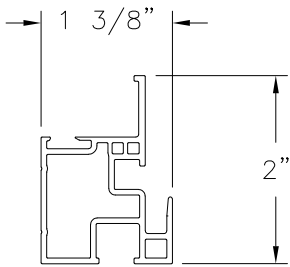
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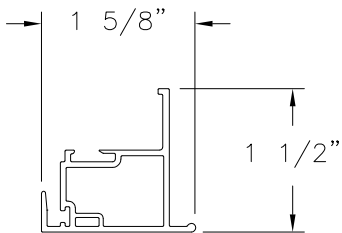
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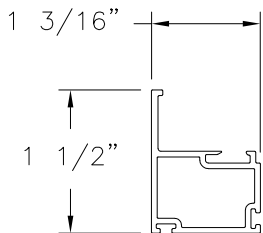
MAIN FRAME (4001)
EXTRUDED RIGID PVC



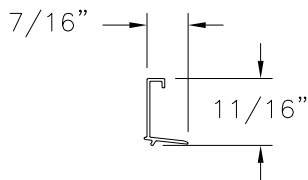
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EXTRUDED RIGID PVC



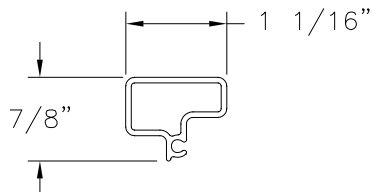
LOCK RAIL (4007)
EXTRUDED RIGID PVC



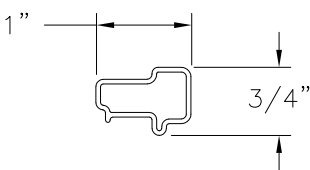
RAIL/ STILE (4005)
EXTRUDED RIGID PVC



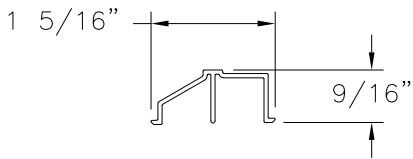
GLAZING BEAD
EXTRUDED RIGID PVC



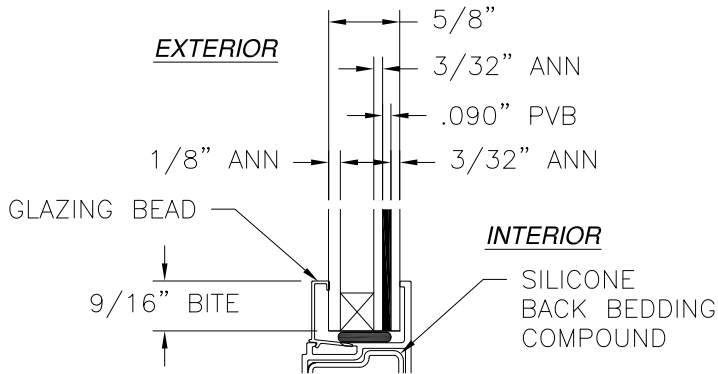
**MEETING RAIL
REINFORCEMENT (11585)**
ALUMINUM 6063-T5



**LOCK RAIL/STILE
REINFORCEMENT (204B)**
ALUMINUM 6063-T5



SILL TRACK (9247)
EXTRUDED RIGID PVC



GLAZING DETAIL

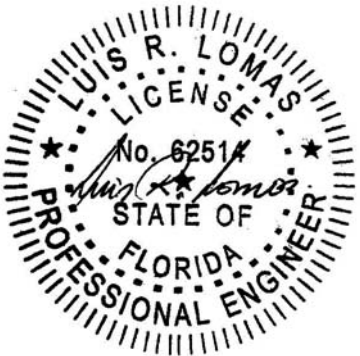
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