

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

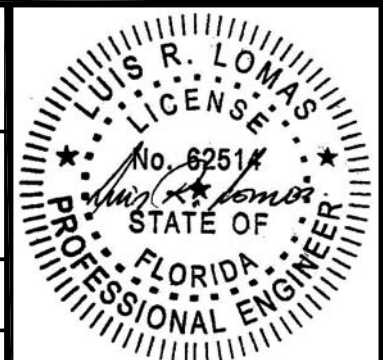
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND METAL STRUCTURE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED AND MUST BE PROPERLY ANCHORED TO STRUCTURE.
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, SEE SHEET 6 FOR DETAILS.
9. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE #10 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:
  - 13.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
  - 13.2. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM

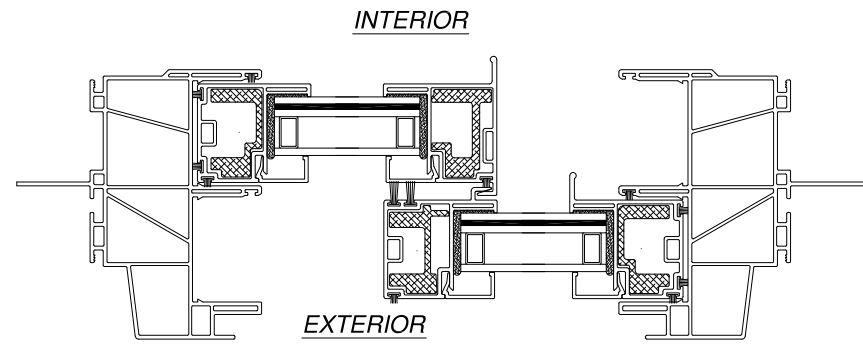
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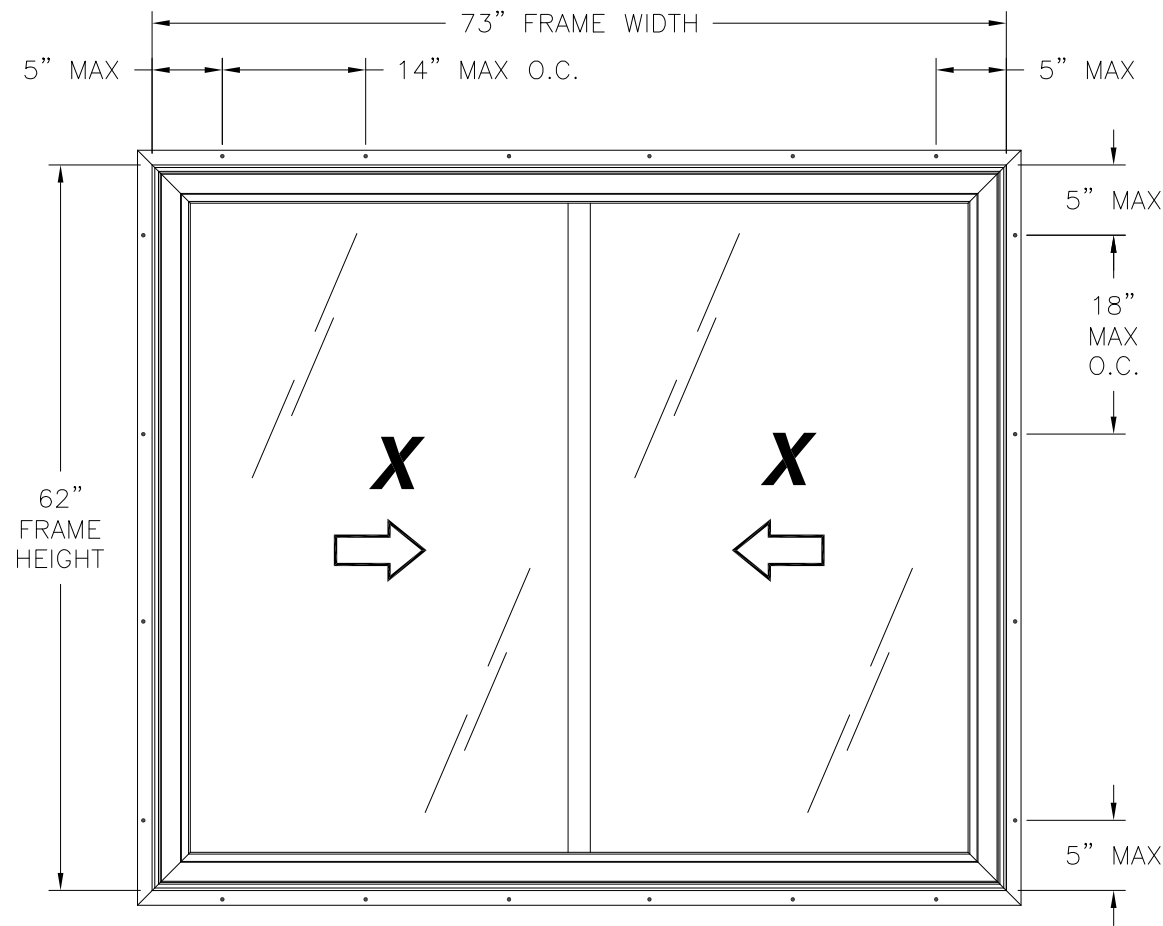
<b>STERGIS WINDOW &amp; DOORS</b> 79 WALTON STREET ATTLEBORO, MA 02703		
DS93WW PVC HORIZONTAL SLIDING WINDOW TYPE XX IMPACT NOTES		
DRAWN: R.L.	DWG NO. 08-03953	REV -
SCALE NTS	DATE 05/26/23	SHEET 1 OF 5
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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



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- NOTES:
- SASH SIZE: 35 3/4" X 57"
  - D.L.O.: 31 3/4" X 53 3/4"

**DS93WW PVC HORIZONTAL SLIDING WINDOW WINDOW**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	NONE

73" x 62" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 31.4 FT<sup>2</sup>

**HARDWARE SCHEDULE**

A.	(2) METAL CAM LOCK AND KEEPER AT LOCK STILE 9 1/2" FROM EACH END
B.	(4) DUAL METAL ROLLERS AT BOTTOM RAILS, ONE AT EACH END
C.	(2 SETS) 6" ALUMINUM IMPACT ADAPTERS AT SASH HEAD TOP RAIL 6" FROM EACH SIDE AND AT MIDSPAN
D.	ALUMINUM REINFORCEMENT (SE9346B AOM) AT LOCK STILE
E.	ALUMINUM REINFORCEMENT (SE9344 AOM) AT EXTERIOR MEETING STILE
F.	ALUMINUM REINFORCEMENT (SE9345 AOM) AT JAMB STILES
G.	ALUMINUM REINFORCEMENT (SD01 AOM) AT TOP RAILS

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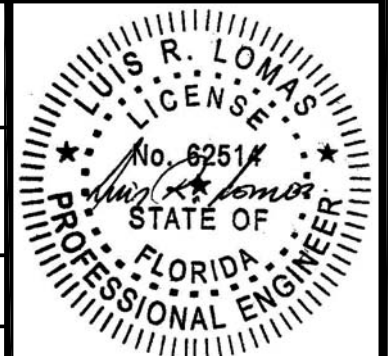
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TYPE XX IMPACT  
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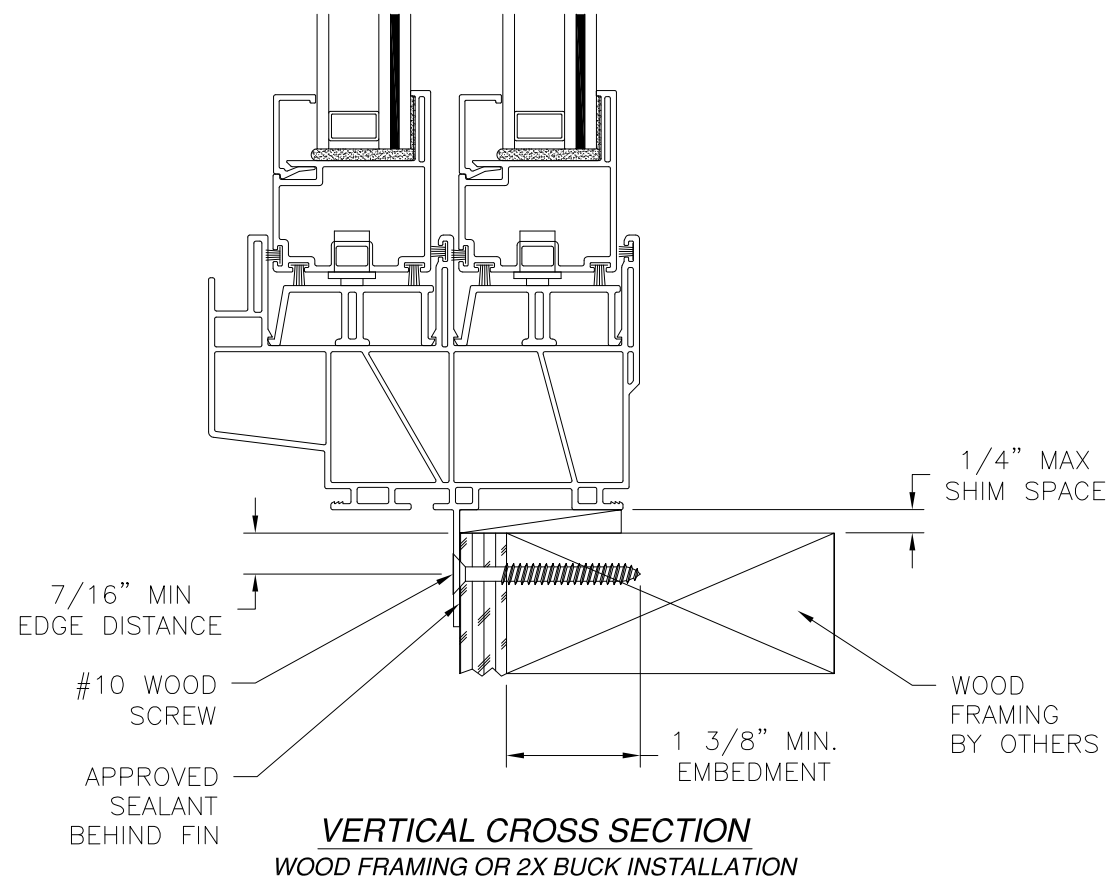
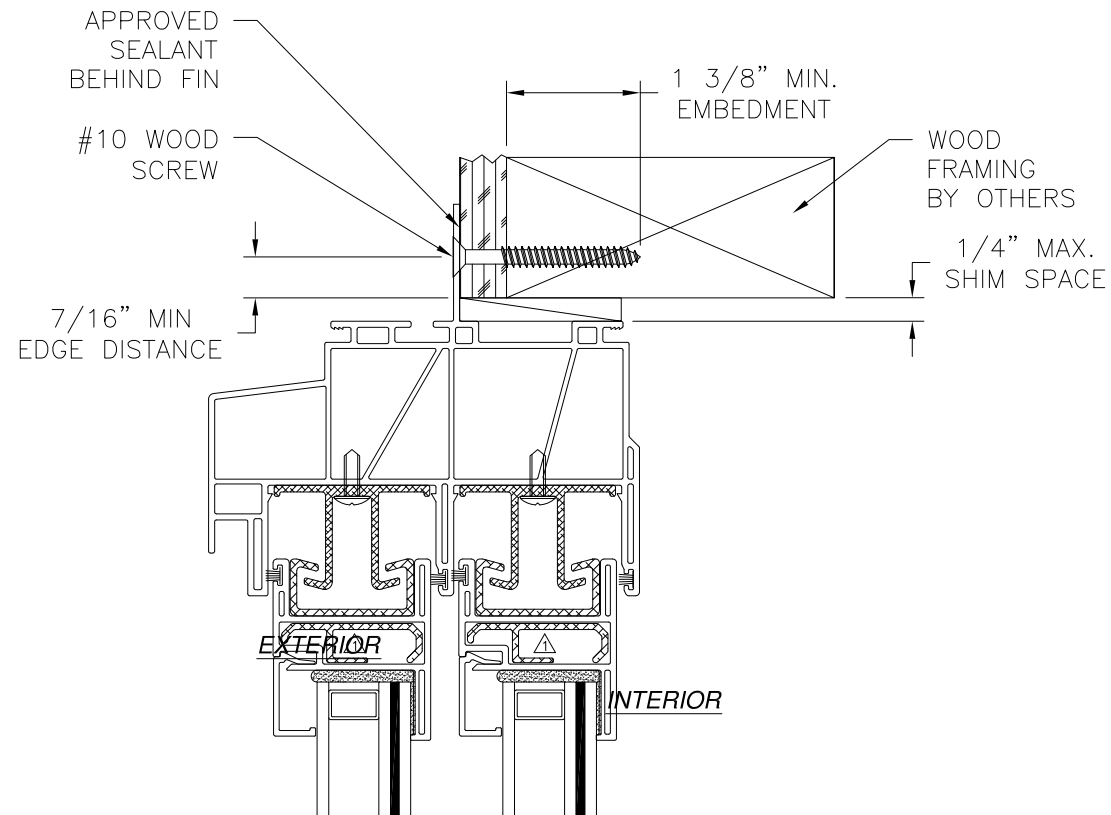
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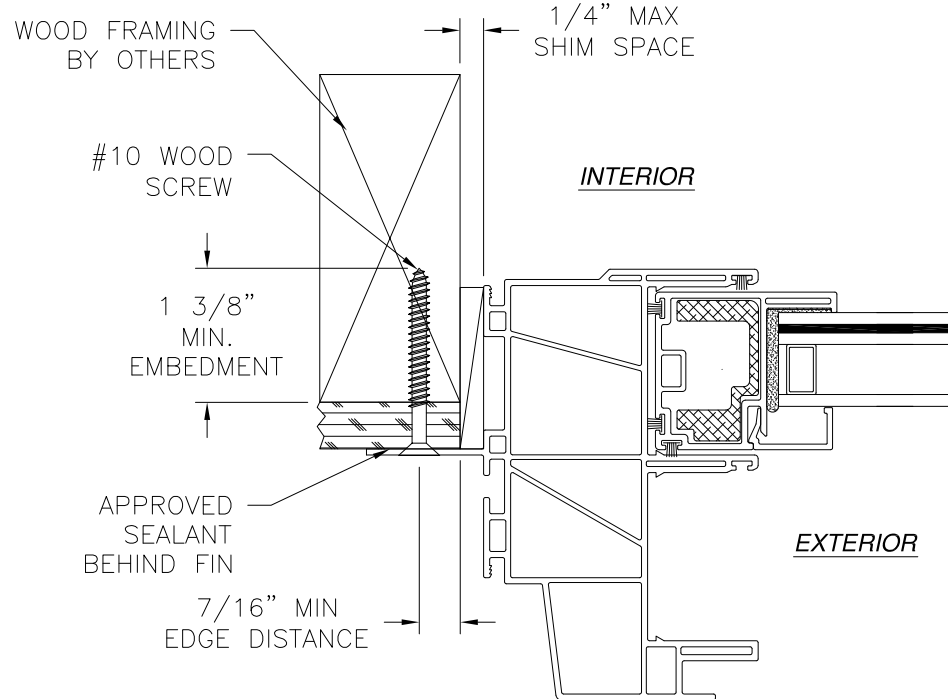


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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION

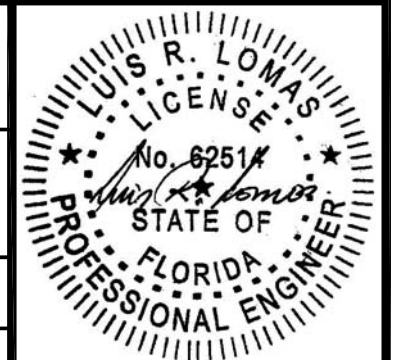


**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

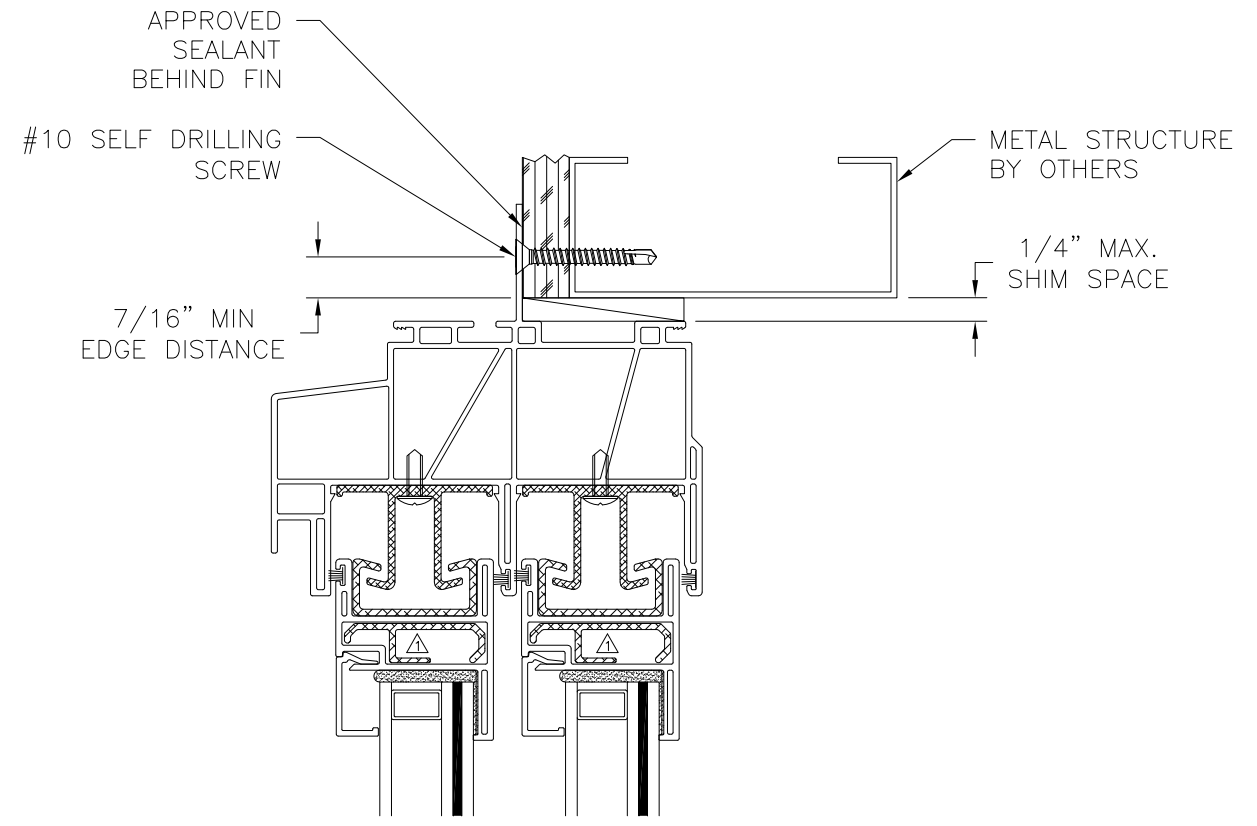
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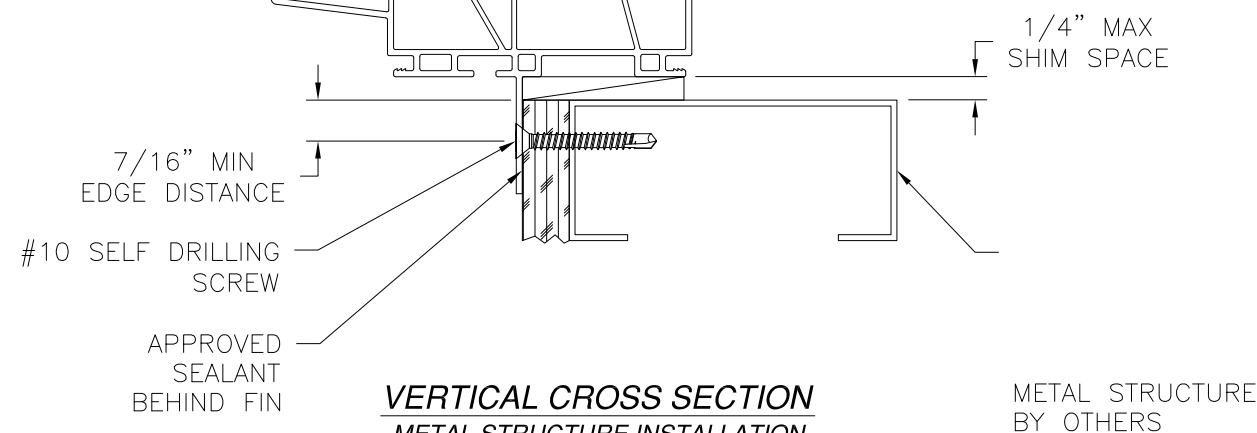
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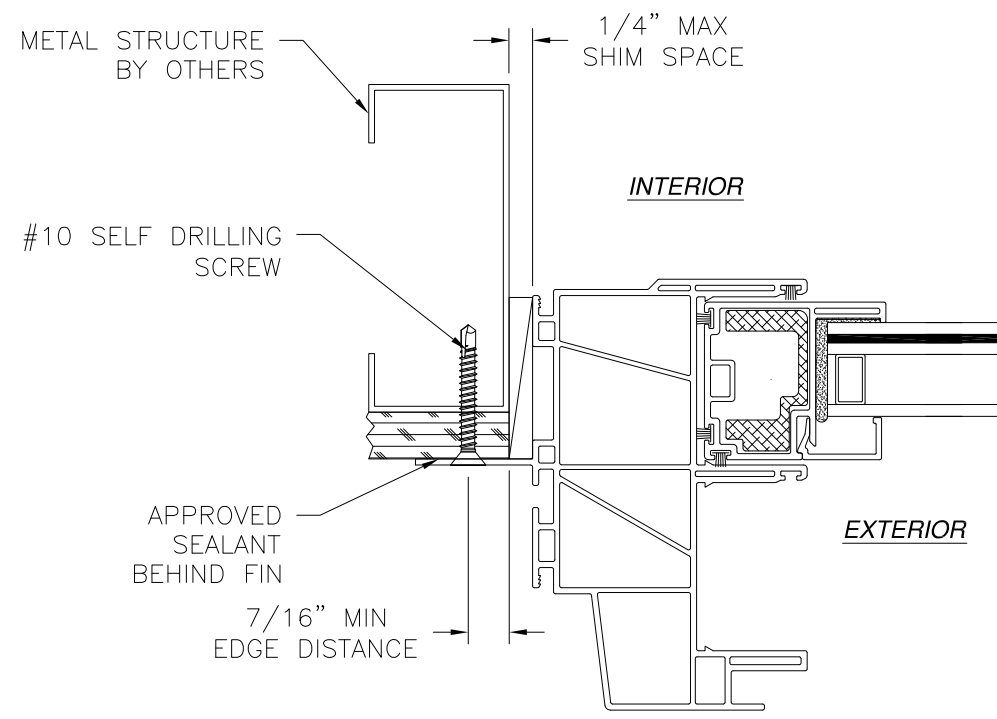


*EXTERIOR*                      *INTERIOR*

**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



METAL STRUCTURE BY OTHERS

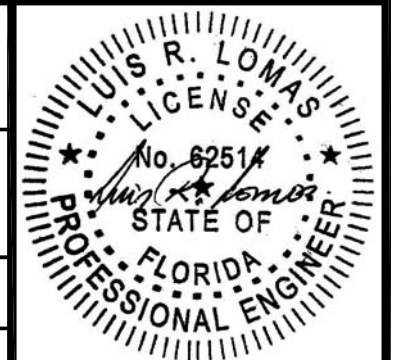


**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

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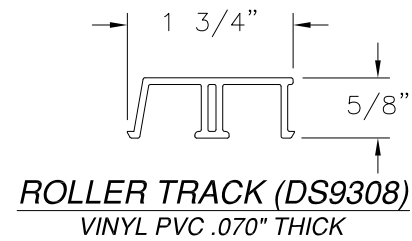
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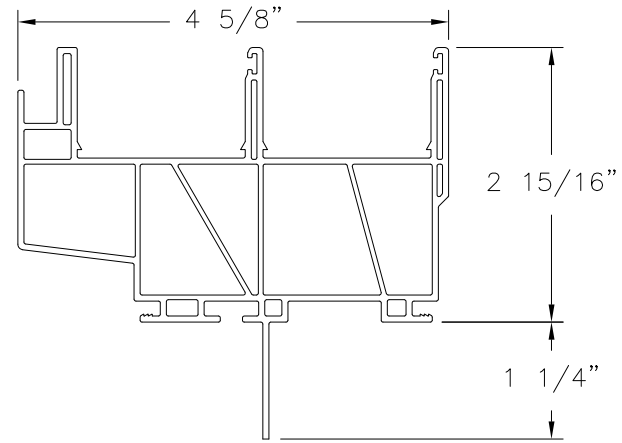


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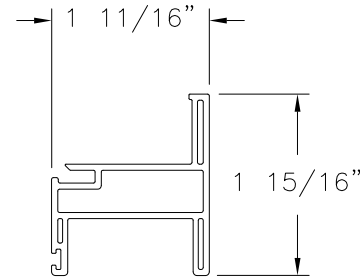
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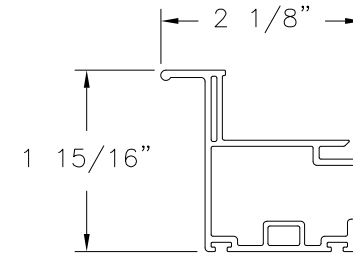
**ROLLER TRACK (DS9308)**  
VINYL PVC .070" THICK



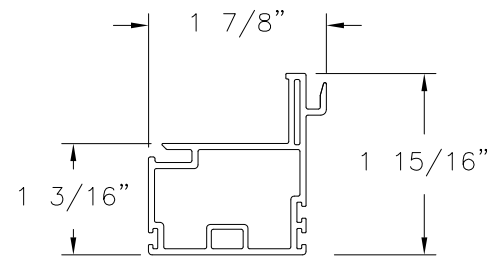
**FRAME (DS9301)**  
VINYL PVC .065" THICK



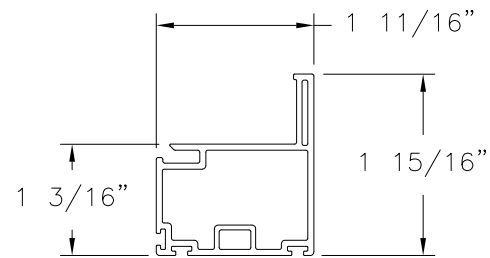
**SASH TOP (SE9341)**  
VINYL PVC .065" THICK



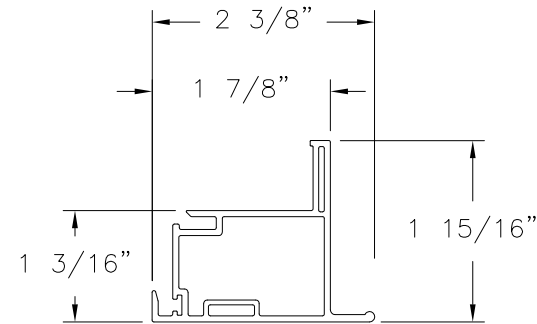
**RAIL (SE9345)**  
VINYL PVC .065" THICK



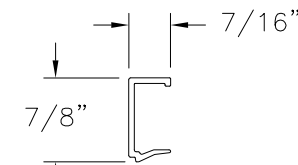
**MEETING RAIL (SE9344)**  
VINYL PVC .065" THICK



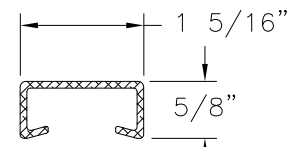
**COMMON SASH (SE9345)**  
VINYL PVC .065" THICK



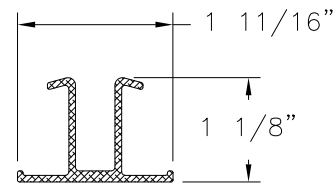
**LIFT RAIL (SE9346)**  
VINYL PVC .065" THICK



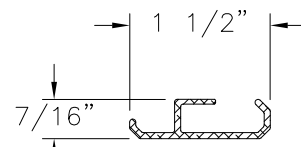
**3/4" GLAZING BEAD (BV137)**  
VINYL PVC .059" THICK



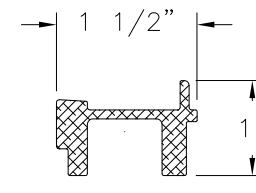
**REINFORCING (ACASE9341)**  
ALUMINUM 6063-T6 .07" THICK



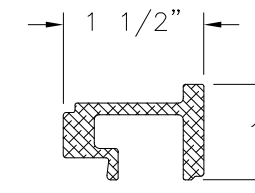
**REINFORCING (ACADS9301)**  
ALUMINUM 6063-T6 .07" THICK



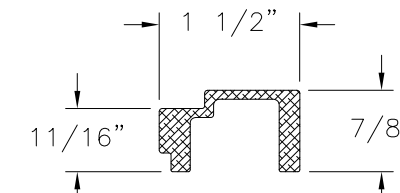
**REINFORCING (SE9341)**  
ALUMINUM 6063-T6 .065" THICK



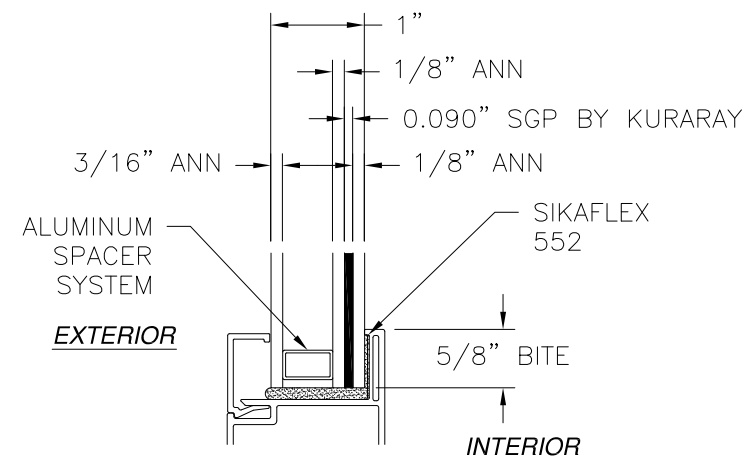
**REINFORCING (SE9344)**  
ALUMINUM 6063-T6 .09" THICK



**REINFORCING (SE9346B)**  
ALUMINUM 6063-T6 .09" THICK



**REINFORCING (SE9345)**  
ALUMINUM 6063-T5 .095" THICK



**GLAZING DETAIL**

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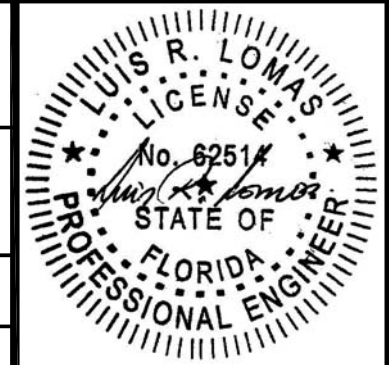
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