

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CHANGE MANUFACTURER'S NAME	07/20/2021	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" 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. 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, WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" 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.
17. FOR ANCHORING THROUGH FRAME 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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 .125" THICK MINIMUM

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5 - 7	INSTALLATION DETAILS
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**LIPPERT COMPONENTS, INC.**  
3501 COUNTY ROAD 6 EAST  
ELKHART, IN 46514

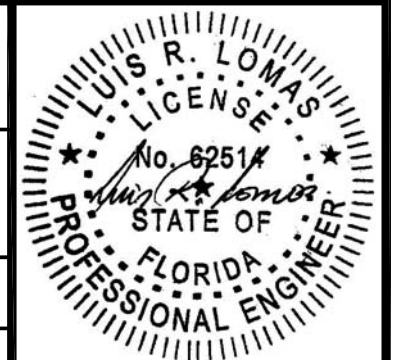
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SERIES 1700 PVC SLIDING GLASS DOOR  
96" X 80" NON-IMPACT  
NOTES

DRAWN: A.R.	DWG NO. 08-03528	REV A
SCALE NTS	DATE 02/10/2020	SHEET 1 OF 8

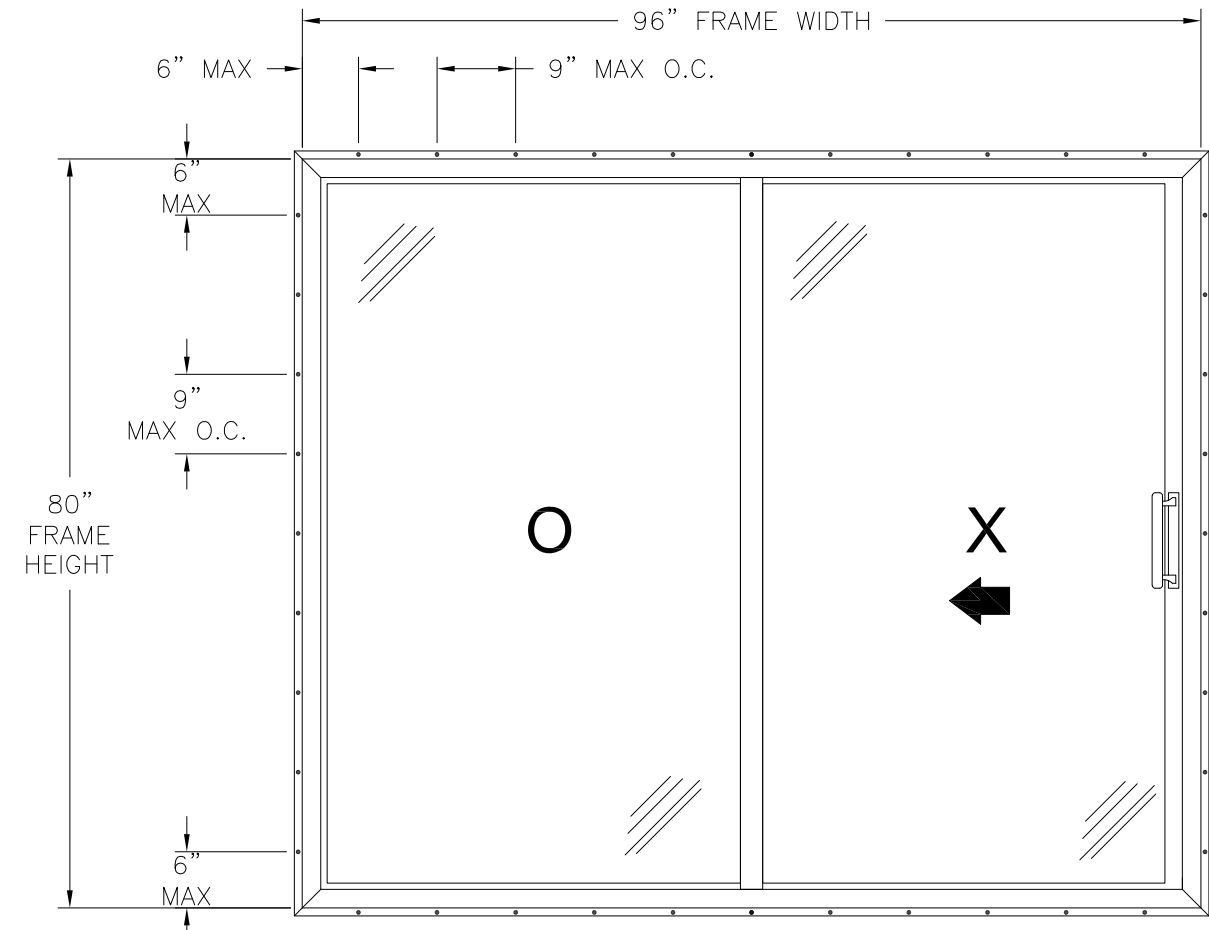
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 07/20/2021

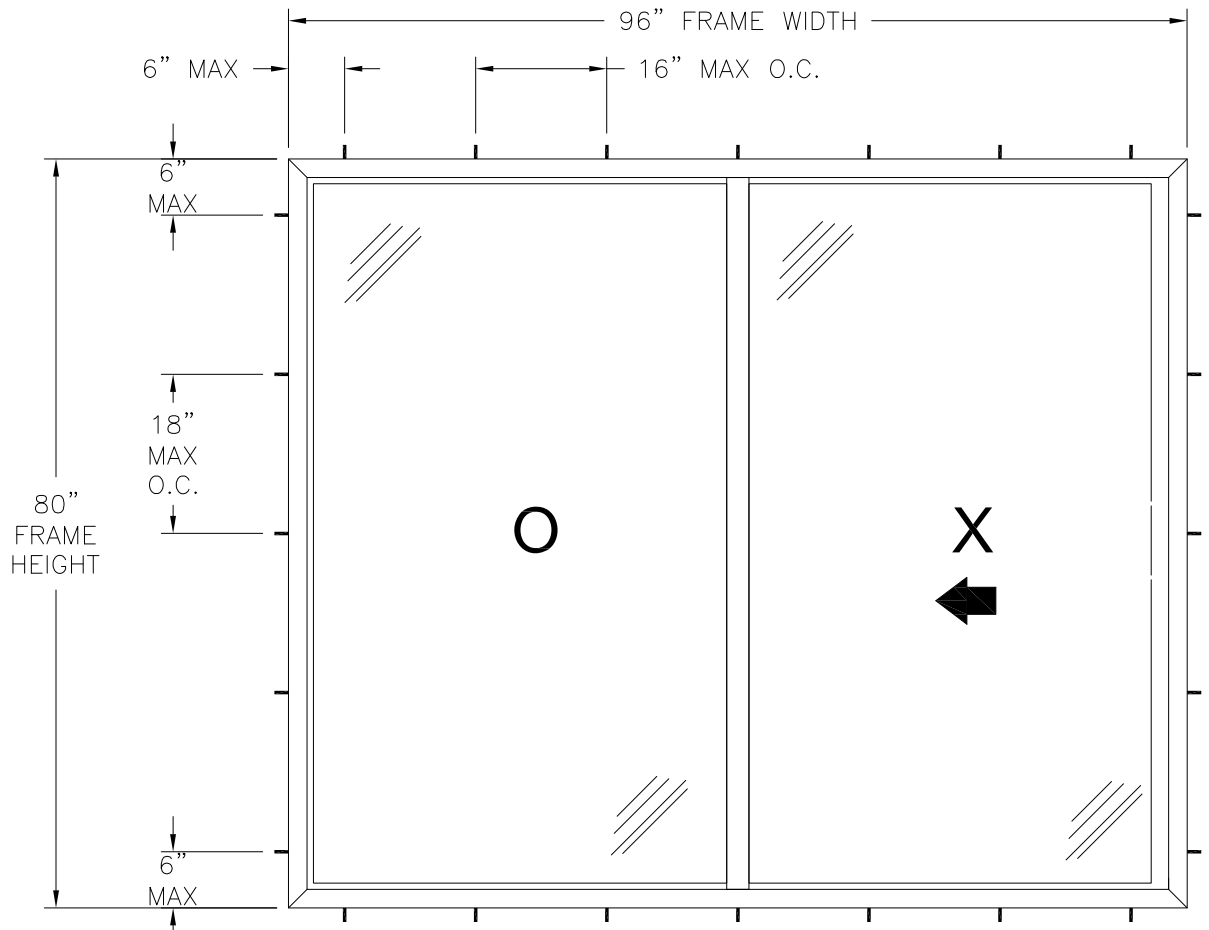


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**SERIES 1700 PVC SLIDING GLASS DOOR**  
EXTERIOR VIEW



**SERIES 1700 PVC SLIDING GLASS DOOR**  
EXTERIOR VIEW

- NOTES:**
- PANEL SIZE: 48 3/8" X 76 3/8"
  - D.L.O.: 43 3/4" X 71 3/4"

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

OX AND XO CONFIGURATIONS ARE QUALIFIED.  
48 3/8" X 76 3/8" PANEL SHOWN. OTHER PANEL SIZES ARE QUALIFIED  
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 25.65 FT<sup>2</sup>

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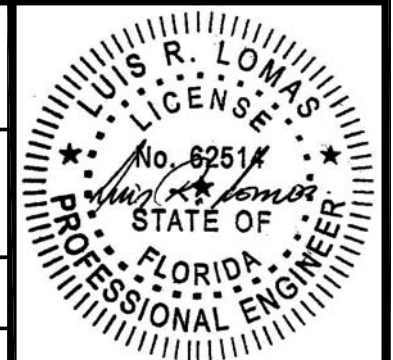
HARDWARE SCHEDULE	
A.	(1) HANDLE/LOCK ASSEMBLY WITH MORTISE LOCK AND KEEPER AT LOCK STILE
B.	(2) DUAL STEEL ROLLER ASSEMBLY AT BOTTOM RAIL, ONE AT EACH END
C.	(1) 3" LONG MOLDED RUBBER SASH PANEL STOP AT SILL TRACK AT FIXED SIDE JAMB
D.	FORMED STEEL REINFORCEMENT (RFPD34SOM) AT FIXED MEETING STILE
E.	FORMED STEEL REINFORCEMENT (RFPD03SOM) AT LOCK STILE
F.	FORMED STEEL REINFORCEMENT (RFPD24SOM) AT INTERLOCK STILE

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SERIES 1700 PVC SLIDING GLASS DOOR  
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ELEVATION

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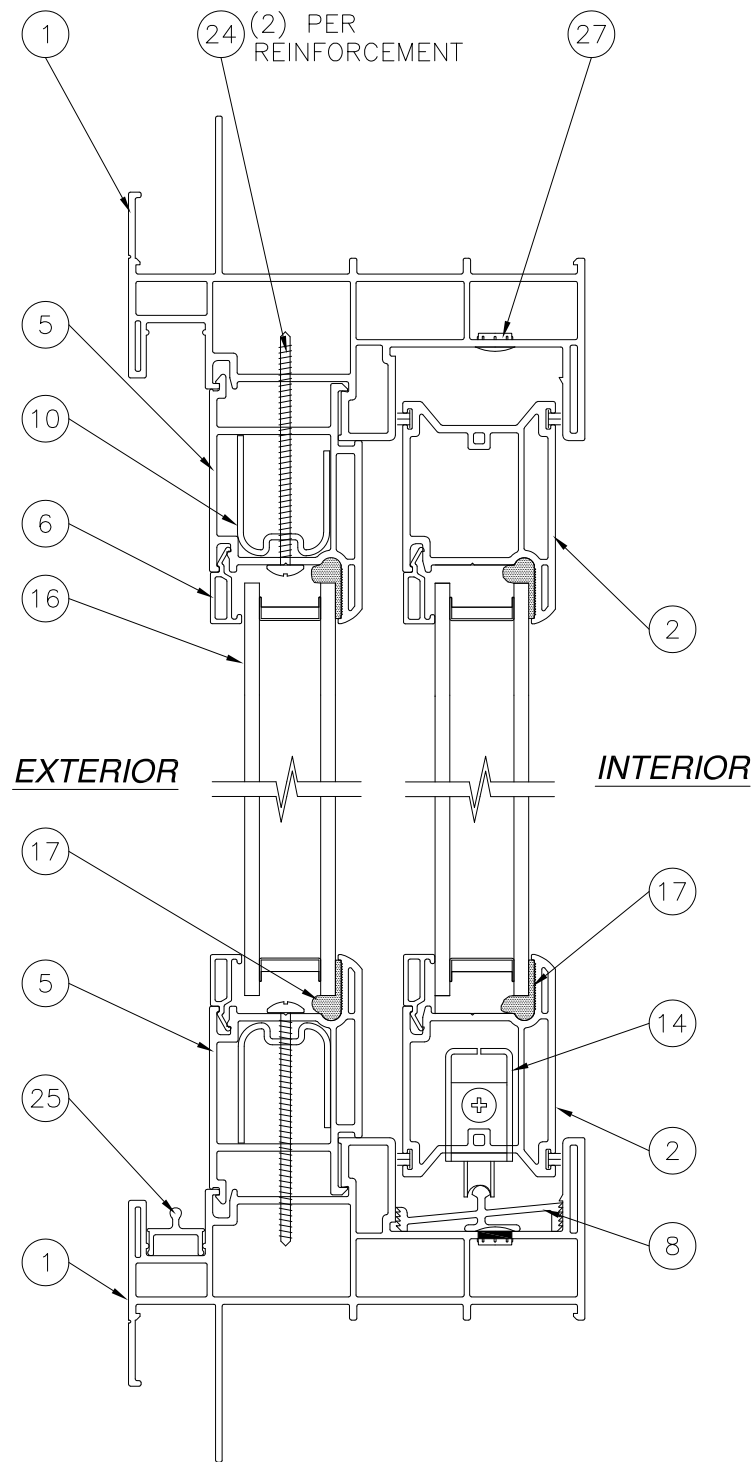
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PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	PD1201	HEAD, SILL AND JAMB FRAME	VEKA INC.	RIGID PVC
2	PD25	SASH STILE AND RAIL	VEKA INC.	RIGID PVC
3	PD24	SASH INTERLOCK	VEKA INC.	RIGID PVC
4	PD34	FIXED INTERLOCK	VEKA INC.	RIGID PVC
5	PD39	EQUAL GLASS ADAPTER	VEKA INC.	RIGID PVC
6	BV22	1" GLAZING BEAD	VEKA INC.	RIGID PVC
7	PD33	THRESHOLD	VEKA INC.	RIGID PVC
8	PD22	SILL TRACK	VEKA INC.	ALUMINUM 6005-T5 ALUMINUM 6105-T5
9	5207	ACTIVE SASH STOP	ATLANTIS PLASTICS	RUBBER
10	RFPD03SOM	JAMB STILE REINFORCEMENT	VEKA INC.	G90 GALV. STEEL
11	RFPD24SOM	SASH INTERLOCK REINFORCEMENT	VEKA INC.	G90 GALV. STEEL
12	RFPD34SOM	FIXED INTERLOCK REINFORCEMENT	VEKA INC.	G90 GALV. STEEL
13		SLIDING PATIO DOOR HANDLE SET	SASH CONTROLS	
14	64266	TANDEM ROLLER ASSEMBLY	ULTRA	STAINLESS STEEL
15		#10 x 1 1/4" FH SCREW	S.C.	STEEL
16		GLASS		
17	34-937A	PURFECT GLAZE SEALANT	NATIONAL ADHESIVES	
18		WEATHERSTRIP PLIE .187" x .270"	AMESBURY	
19		#8 x 3/4" FH SCREW	MERCHANTS	STEEL
20		#8 x 1 1/2" FH SCREW	MERCHANTS	STEEL
21		#8-32 x 1 7/8" PH SCREW	S.C.	
22		#8 x 1 1/4" PH B-POINT SCREW	S.C.	STEEL
23		#8 x 3/4" FH SELF DRILLING		STEEL
24		#8 x 2 1/2" PH SCREW	MERCHANTS	STEEL
25	PDT58	SCREEN TRACK	VEKA INC.	RIGID PVC
26		SEALANT		
27	I 3034	HOLE PLUGS	ASHLAND	PLASTIC

NOTE: THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS.



VERTICAL CROSS SECTION

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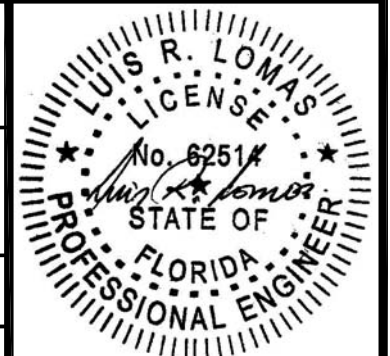
LIPPERT COMPONENTS, INC.

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96" X 80" NON-IMPACT  
BILL OF MATERIALS AND CROSS SECTION

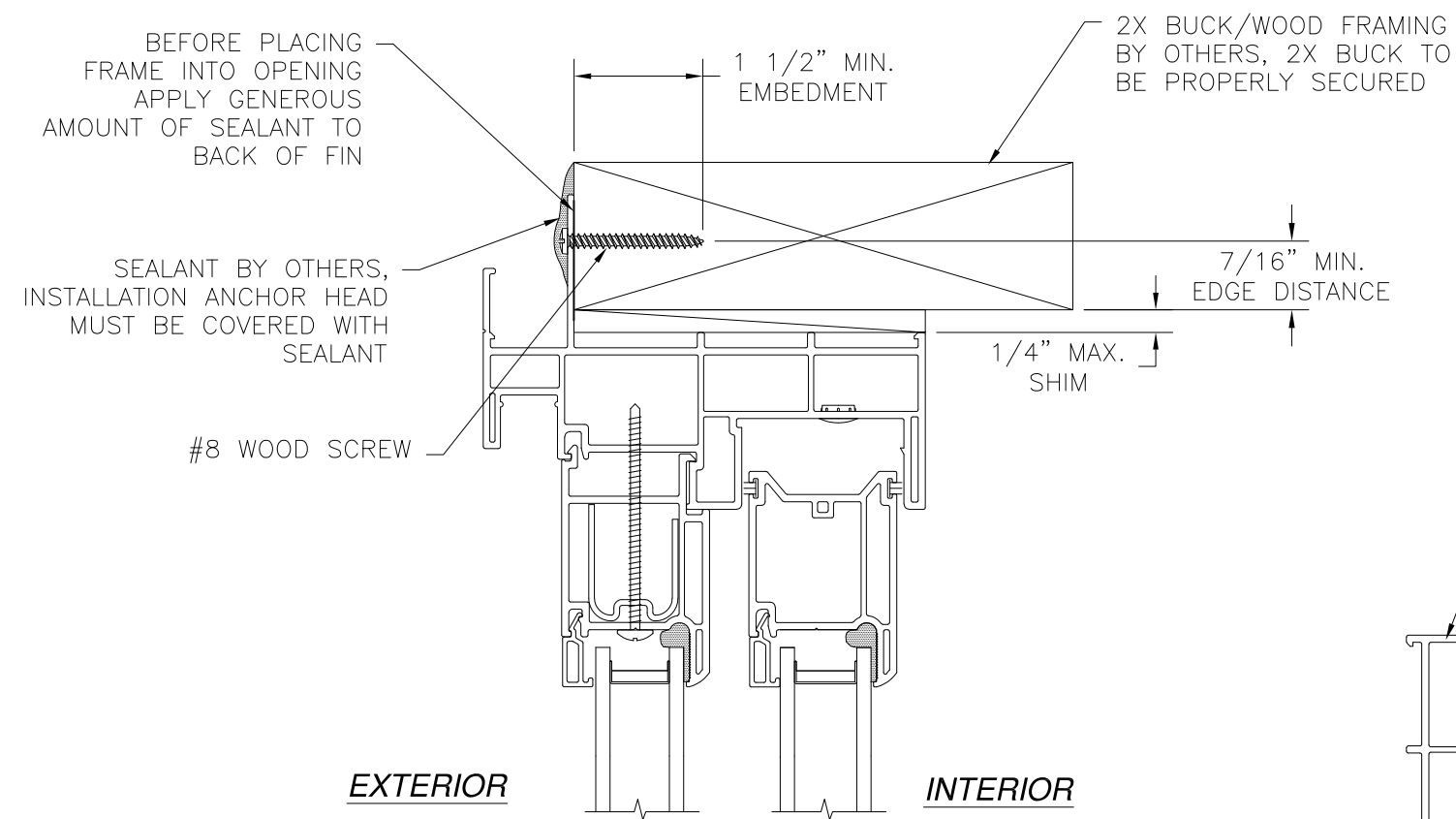
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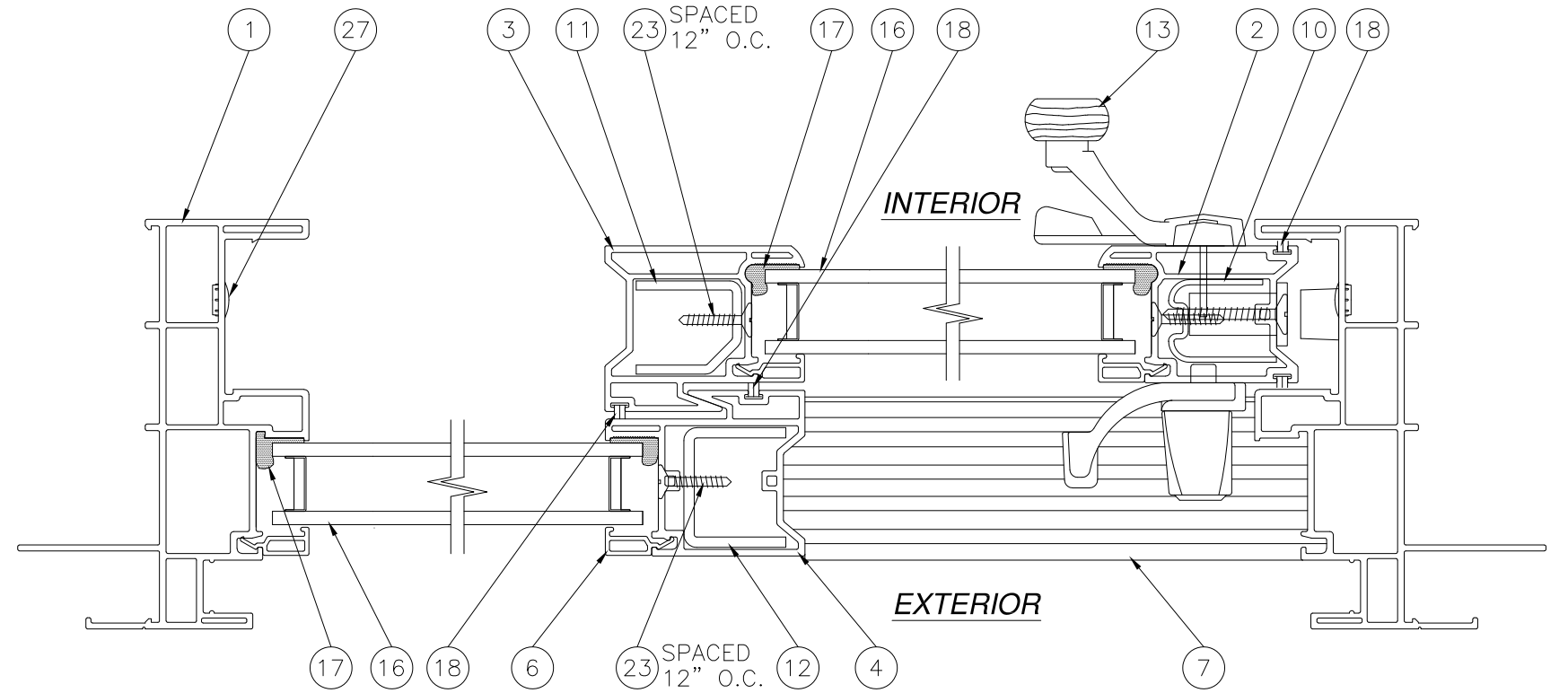


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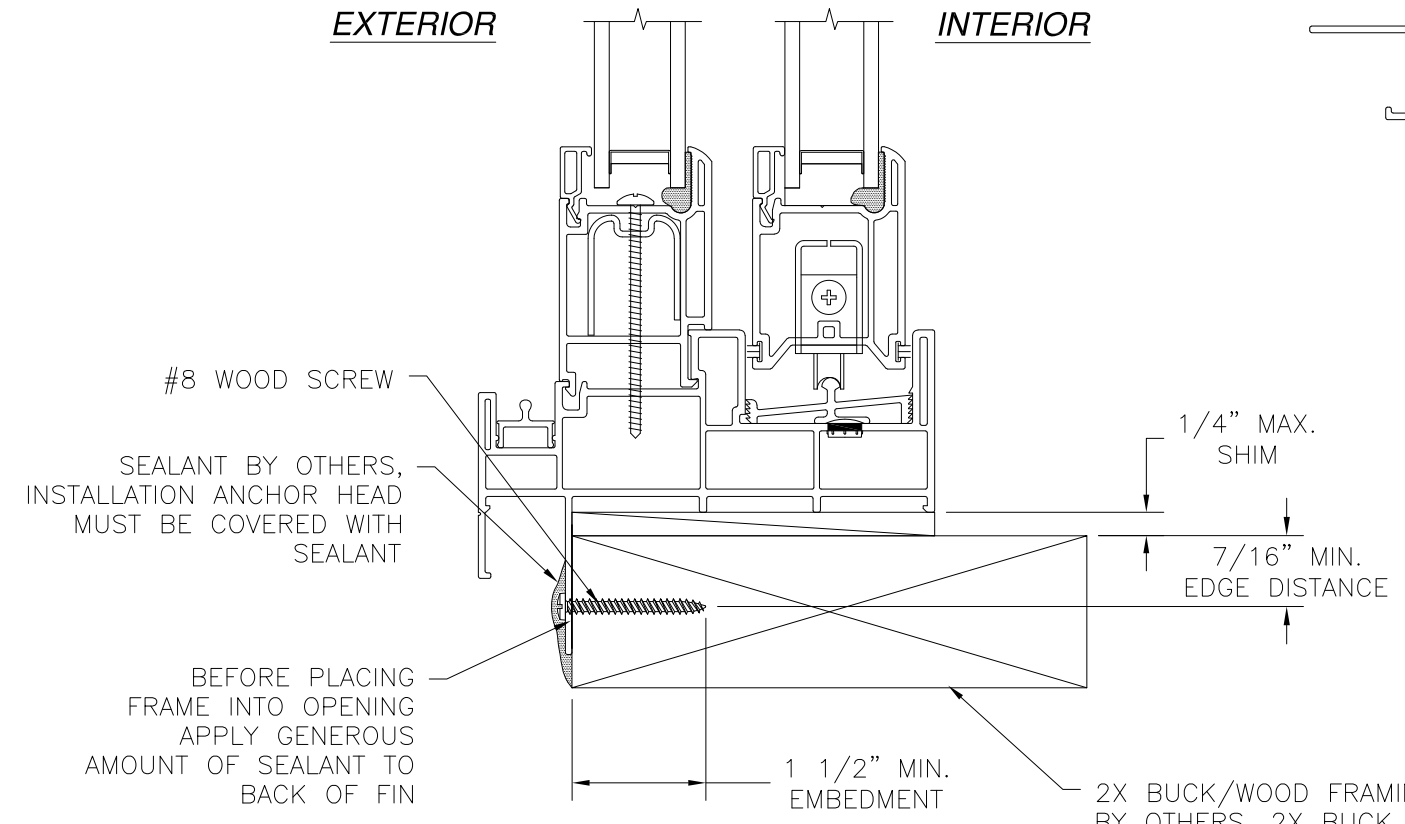
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**HEAD DETAIL**  
2X BUCK/WOOD FRAMING INSTALLATION  
HEAD SHOWN JAMB SIMILAR



**HORIZONTAL CROSS SECTION**



**SILL DETAIL**  
2X BUCK/WOOD FRAMING INSTALLATION

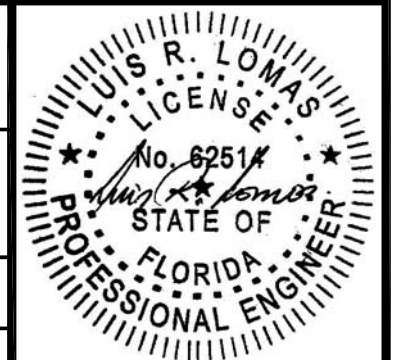
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FIN INSTALLATION DETAILS & CROSS SECTION

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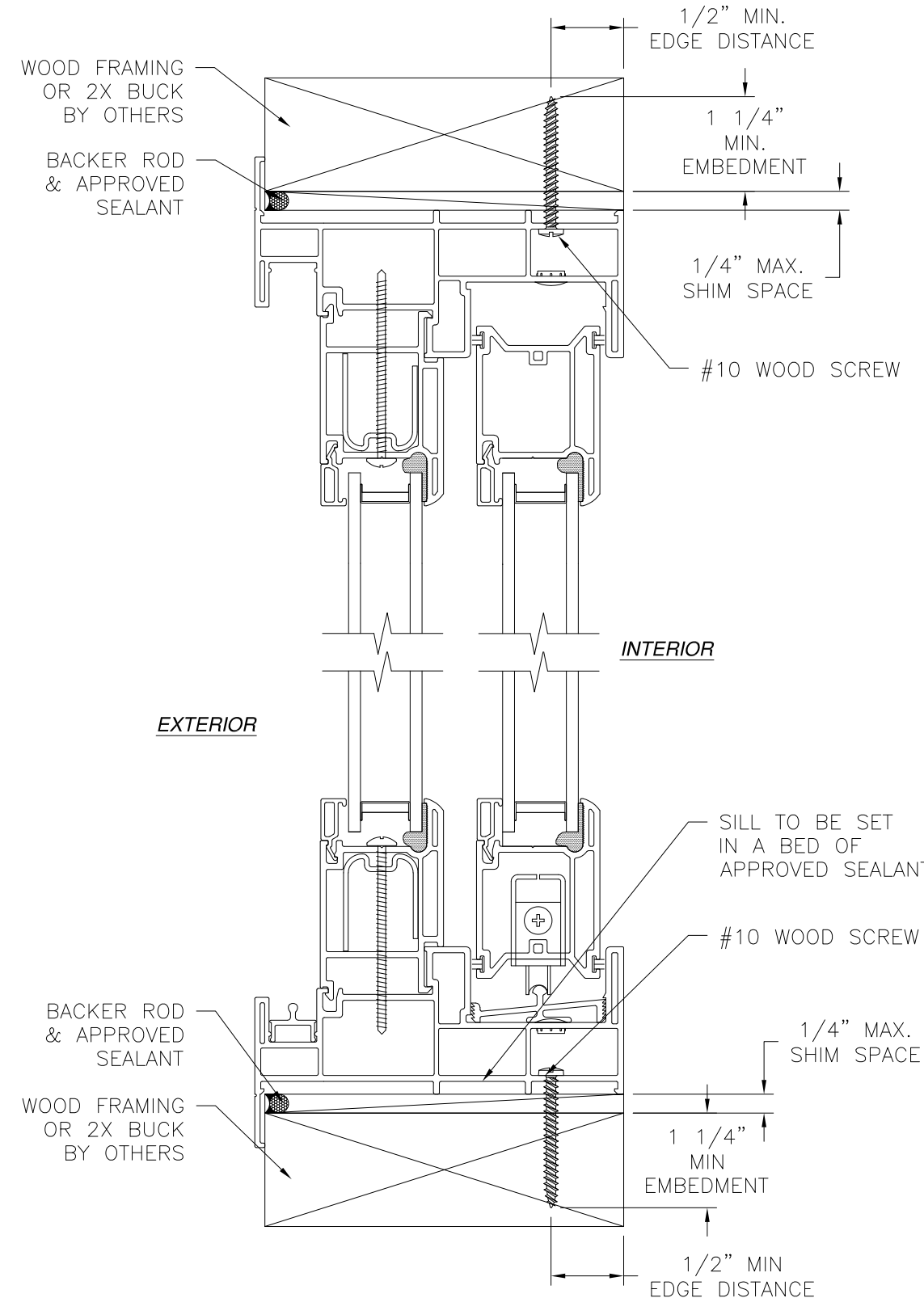
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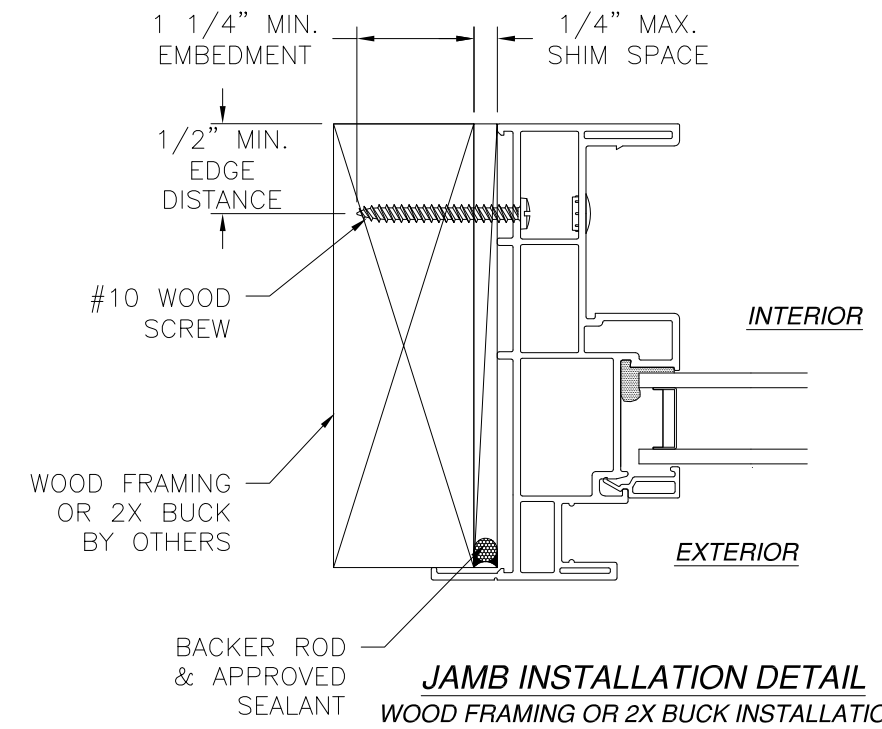


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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**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

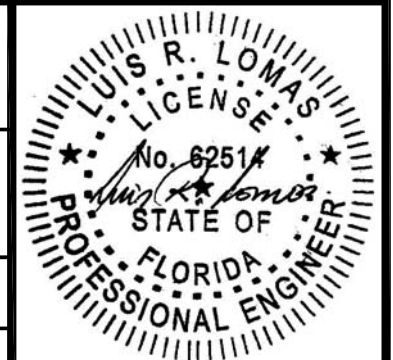
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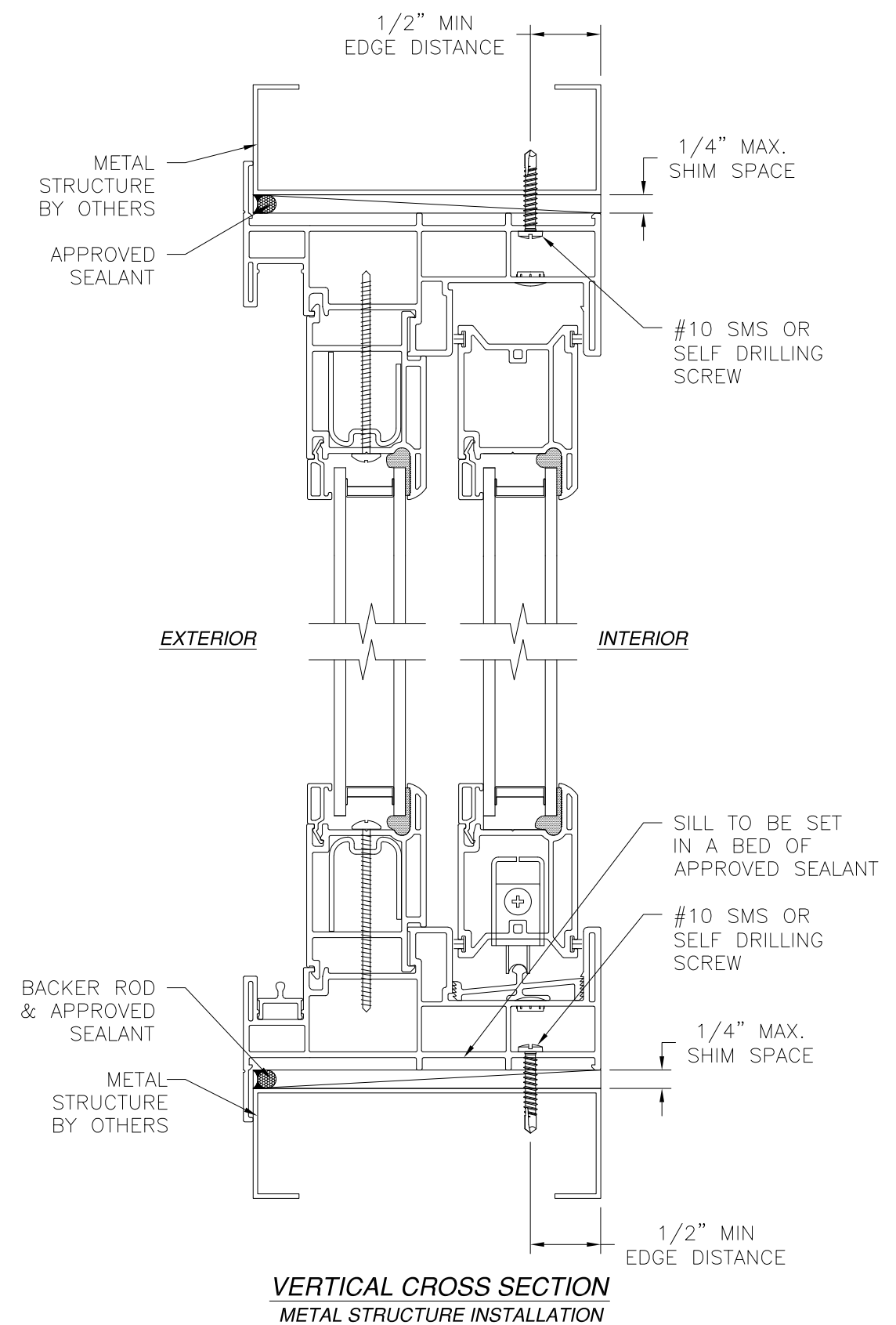
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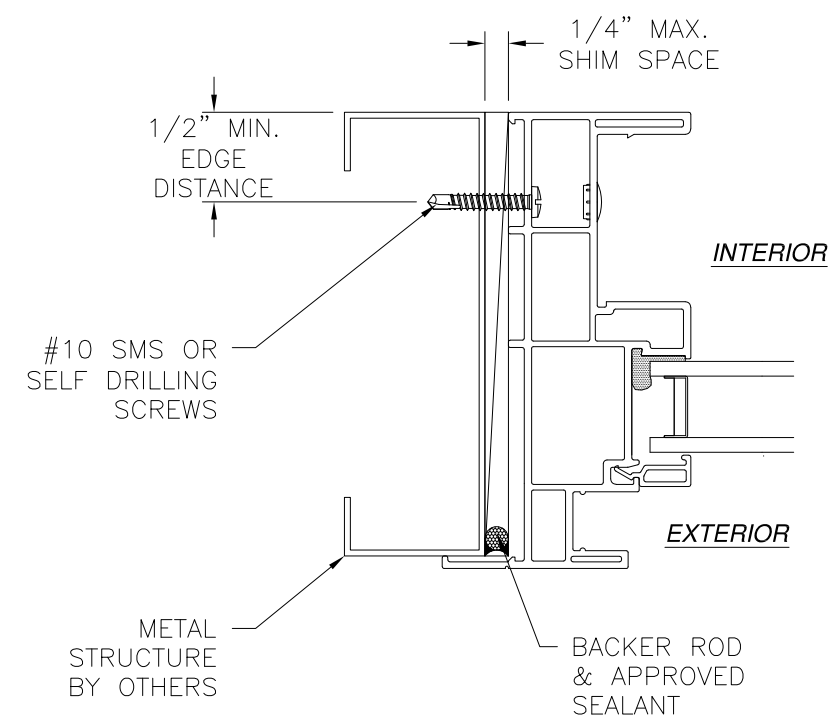


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**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION

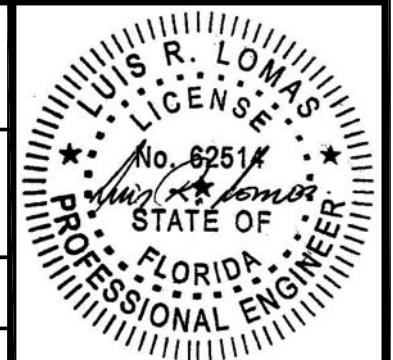


**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

- 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

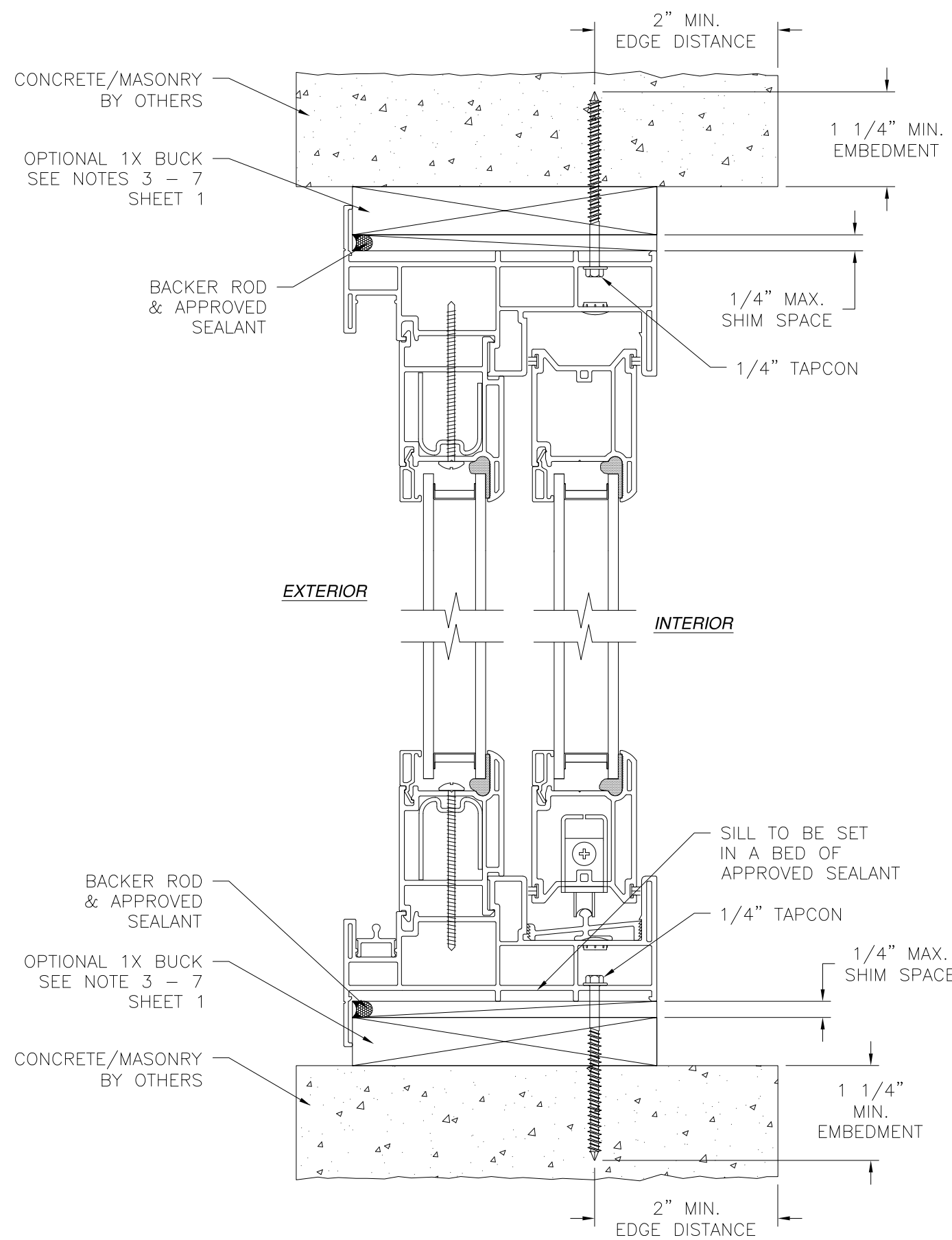
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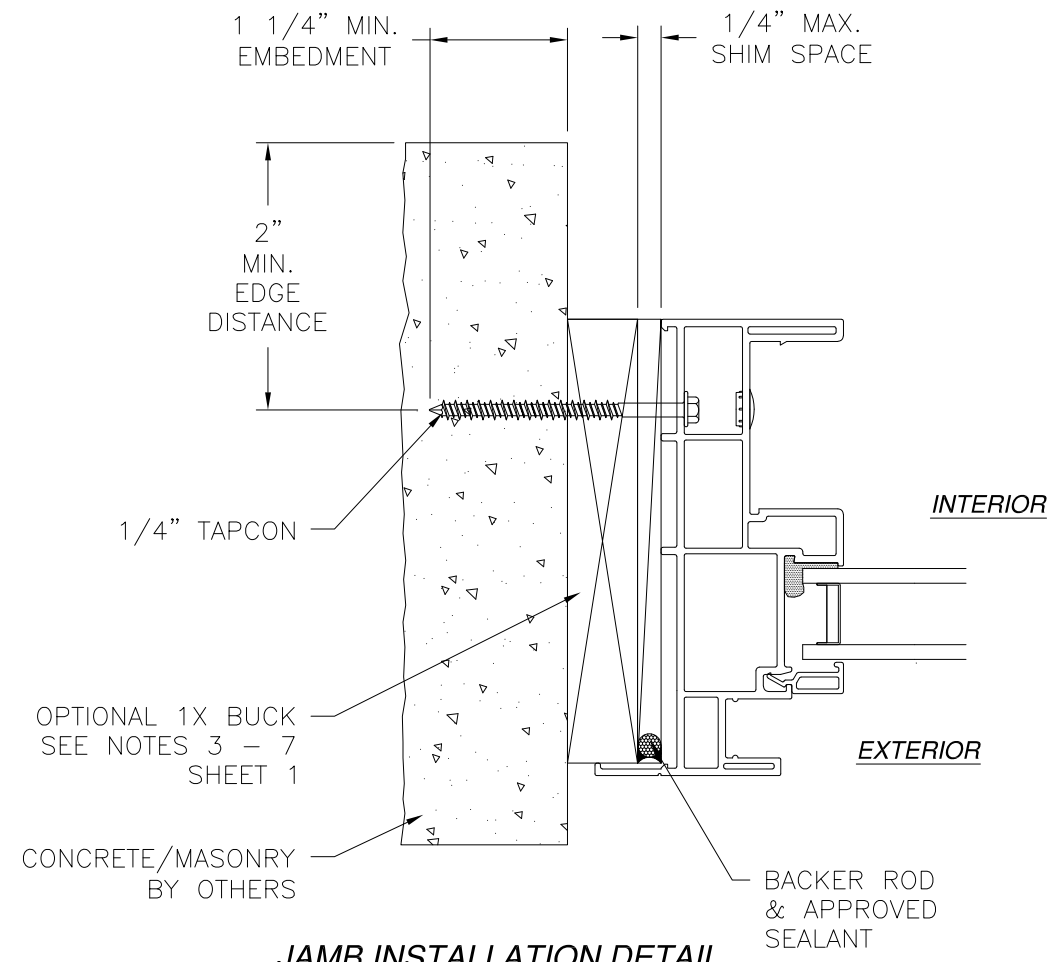


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**VERTICAL CROSS SECTION  
CONCRETE/MASONRY INSTALLATION**



**JAMB INSTALLATION DETAIL  
CONCRETE/MASONRY 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

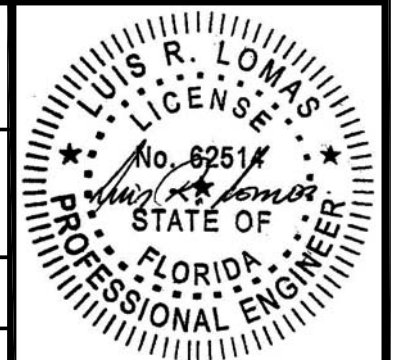
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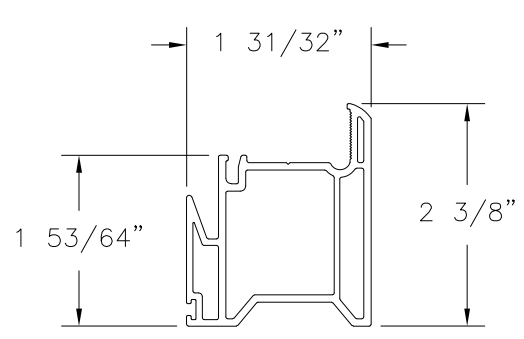
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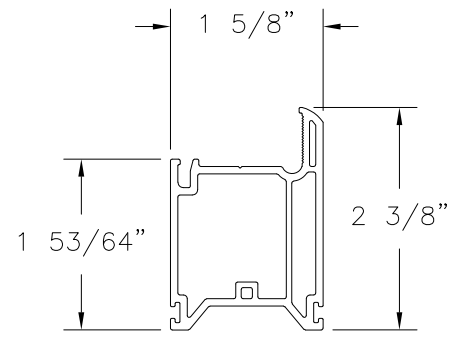


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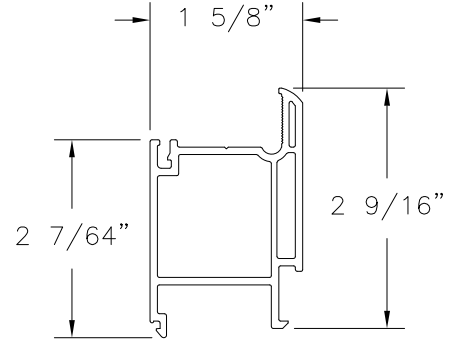
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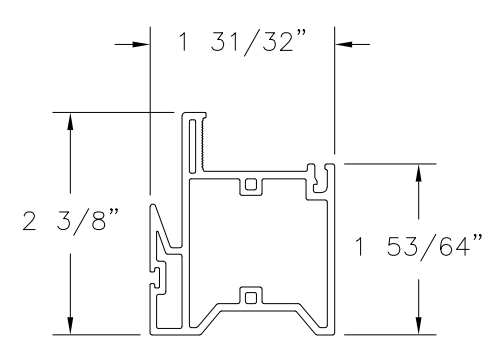
③ **SASH INTERLOCK**  
RIGID PVC .079" THICK (PD-24)



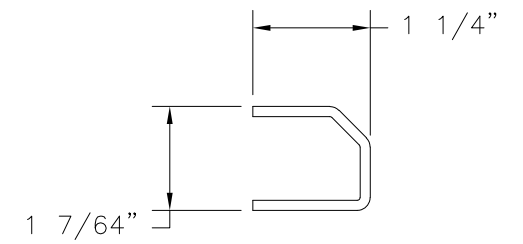
② **SASH STILE AND RAIL**  
RIGID PVC .079" THICK (PD-25)



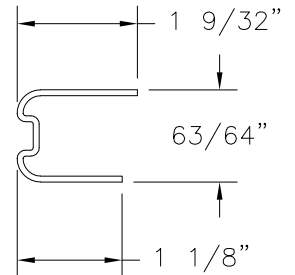
⑤ **EQUAL GLASS ADAPTER**  
RIGID PVC .079" THICK (PD-39)



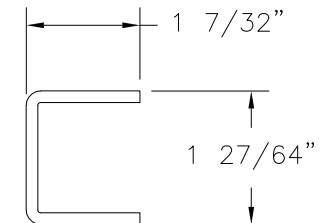
④ **FIXED INTERLOCK**  
RIGID PVC .071" THICK (PD-34)



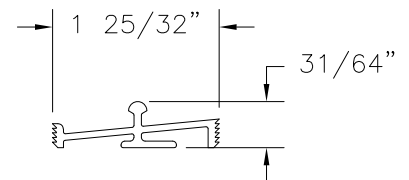
⑪ **SASH INTERLOCK REINFORCEMENT**  
12GA. G90 GALVANIZED STEEL (RF PD24 SO M)



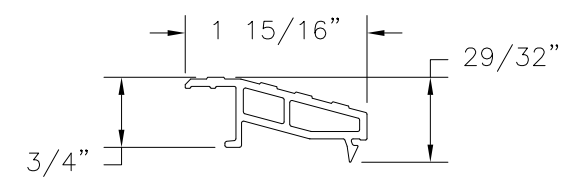
⑩ **JAMB STILE REINFORCEMENT**  
16GA. G90 GALVANIZED STEEL (RF PD03 SO M)



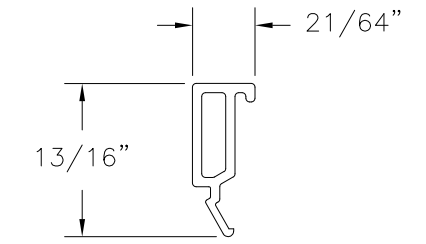
⑫ **FIXED INTERLOCK REINFORCEMENT**  
11GA. G90 GALVANIZED STEEL (RF PD34 SO M)



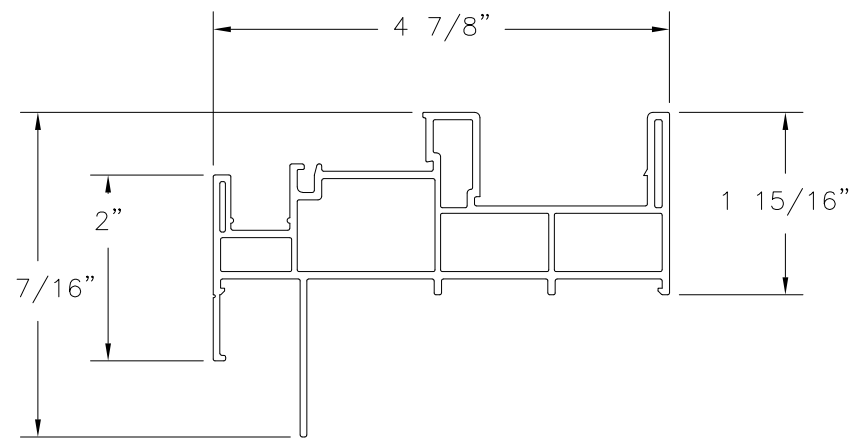
⑧ **SILL TRACK**  
ALUMINUM 6005-T5  
ALUMINUM 6105-T5  
.069" THICK (PD-22)



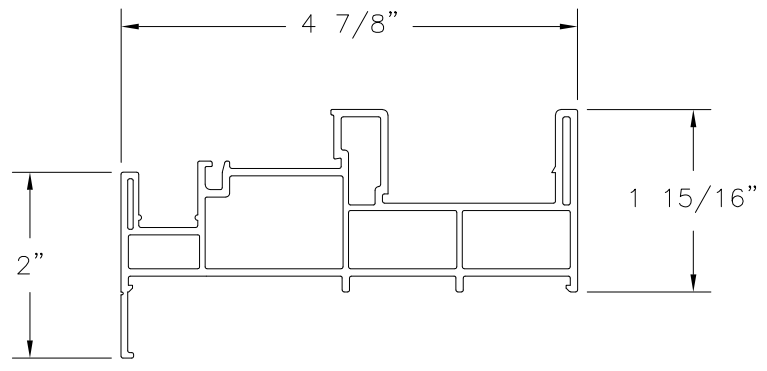
⑦ **THRESHOLD**  
RIGID PVC .079" THICK (PD-33)



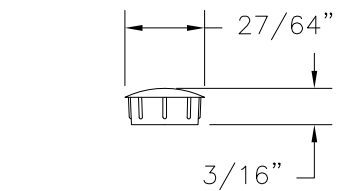
⑥ **1" GLAZING BEAD**  
RIGID PVC .049" THICK (BV22)



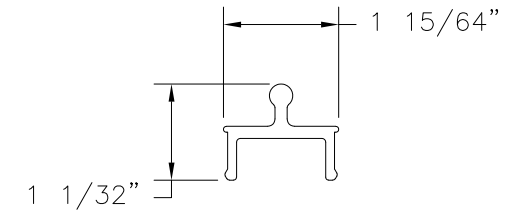
① **FRAME FIN**  
RIGID PVC .079" THICK (PD1201/PD1701)



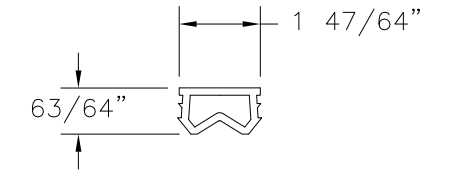
① **FRAME FLANGE**  
RIGID PVC .079" THICK (PD1201/PD1701)



⑳ **HOLE PLUG**  
PLASTIC



㉕ **SCREEN TRACK**  
RIGID PVC .130" THICK (PD-58)



⑨ **ACTIVE SASH STOPK**  
RUBBER .157" THICK

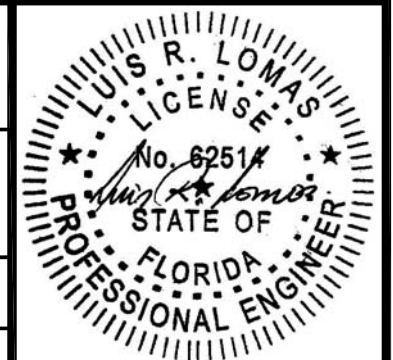
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COMPONENTS

DRAWN: A.R.	DWG NO. 08-03528	REV A
SCALE NTS	DATE 02/10/2020	SHEET 8 OF 8

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