

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES	08/07/19	R.L.
B	REVISED PER NEW CODE	10/17/2023	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 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 PVC.
7. UNITS MUST BE GLAZED PER ASTM E1300.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
9. 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.
10. 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.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. 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:
 - 12.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 12.2. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 – 6	INSTALLATION DETAILS
7	COMPONENTS

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

SERIES 3540 PVC SINGLE HUNG WINDOW
REINFORCED NON-IMPACT 52” x 84”
NOTES

DRAWN:
A.R.

DWG NO.
08-03354

REV
B

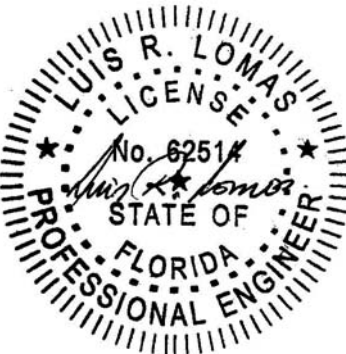
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SHEET 1 OF 7

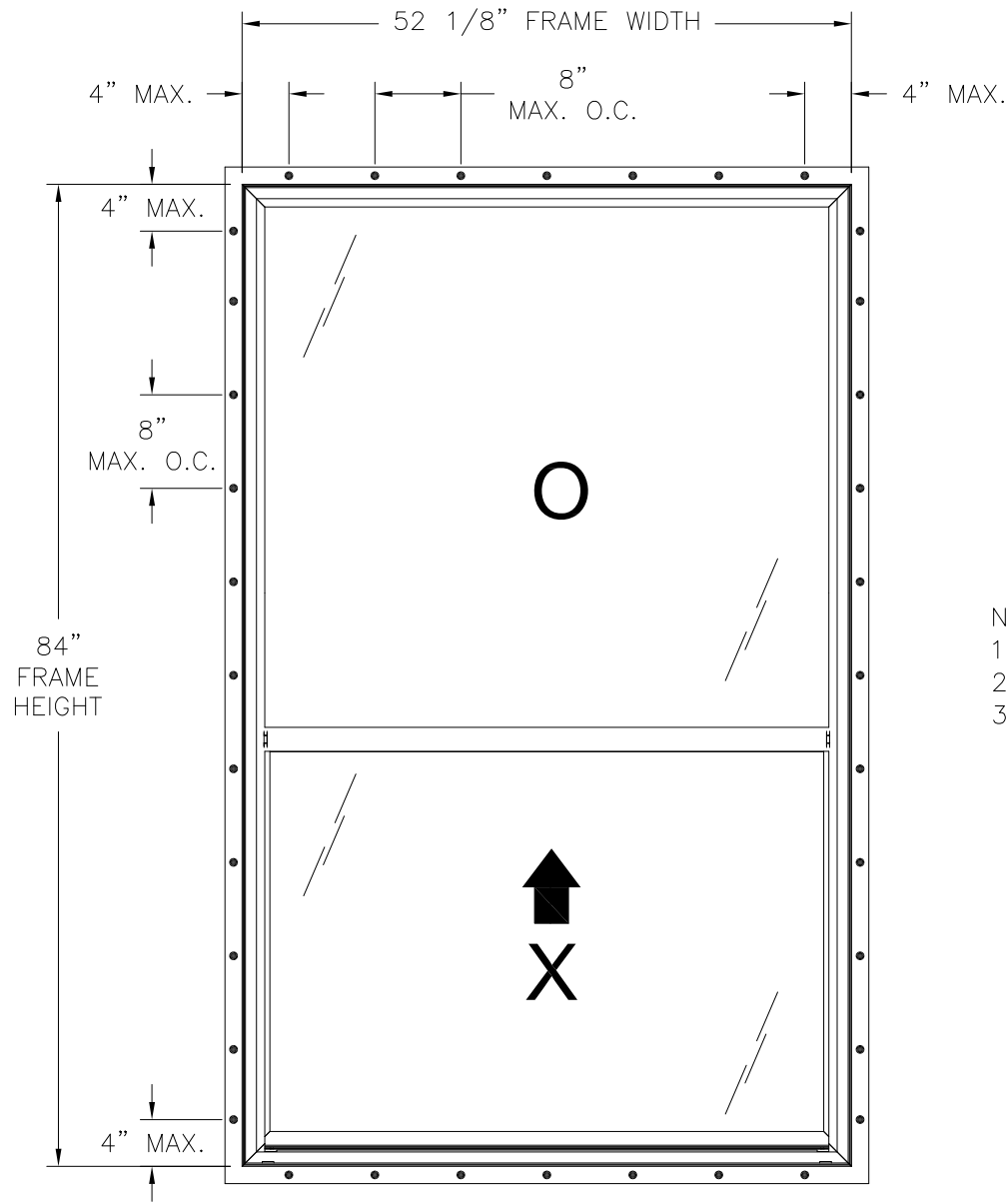
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/17/2023



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

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- NOTES:
1. SASH SIZE: 50 1/8" X 35 1/8"
 2. FIXED SASH D.L.O.: 48" X 44 1/2"
 3. OPERABLE SASH D.L.O.: 47 3/16" X 32 1/4"

SERIES 3540 PVC SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±25.0PSF	NONE

52 1/8" X 84" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 30.40 FT²

HARDWARE SCHEDULE	
A.	(2 PER SASH) METAL CAM LOCK WITH KEEPER AT INTERIOR MEETING RAIL, 7" FROM EACH END
B.	(2 PER SASH) PVC SURFACE MOUNT TILT LATCH AT INTERIOR MEETING RAIL ENDS
C.	(2 PER SASH) COIL BALANCES, ONE IN EACH JAMB
D.	(2 PER SASH) METAL PIVOT BAR AT BOTTOM RAIL ENDS
E.	STEEL REINFORCEMENT (GVL-451-020) AT SASH RAILS AND STILES
F.	STEEL REINFORCEMENT (RF-104S-020) AT FIXED MEETING RAIL

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LUIS R. LOMAS

LICENS. M.C.

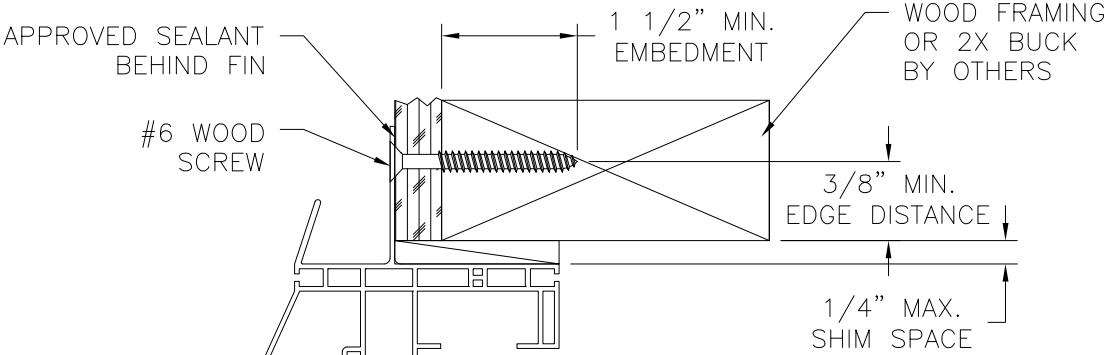
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STATE OF FLORIDA

PROFESSIONAL ENGINEER

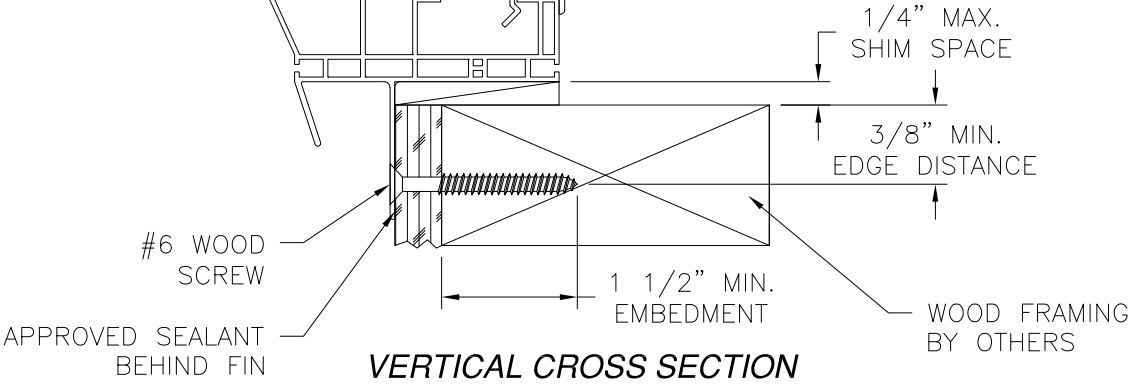
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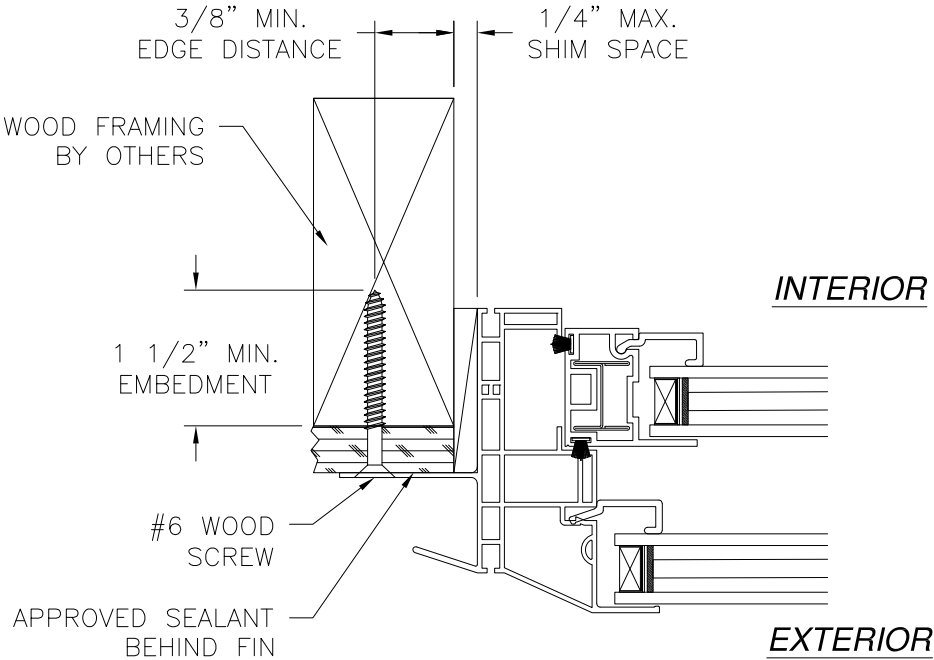


INTERIOR

EXTERIOR



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

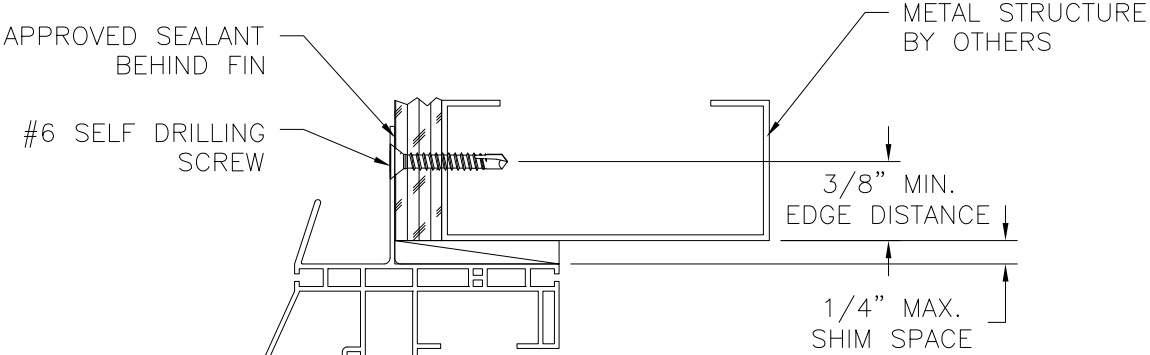
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SERIES 3540 PVC SINGLE HUNG WINDOW REINFORCED NON-IMPACT 52" x 84" INSTALLATION DETAILS WITH "J" CHANNEL		
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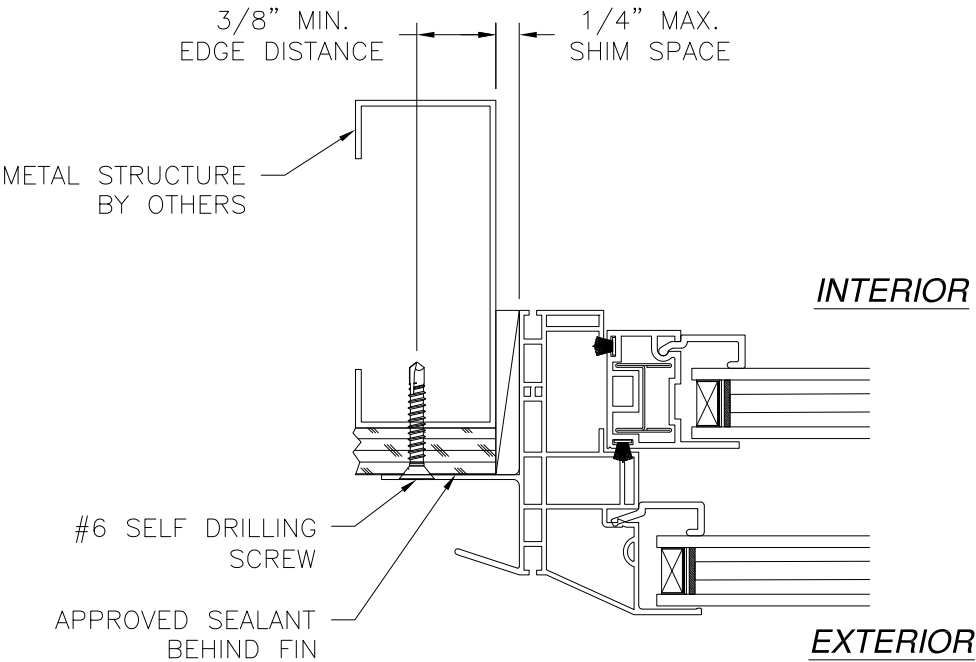


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

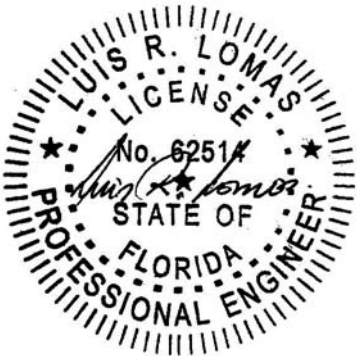


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METAL STRUCTURE INSTALLATION

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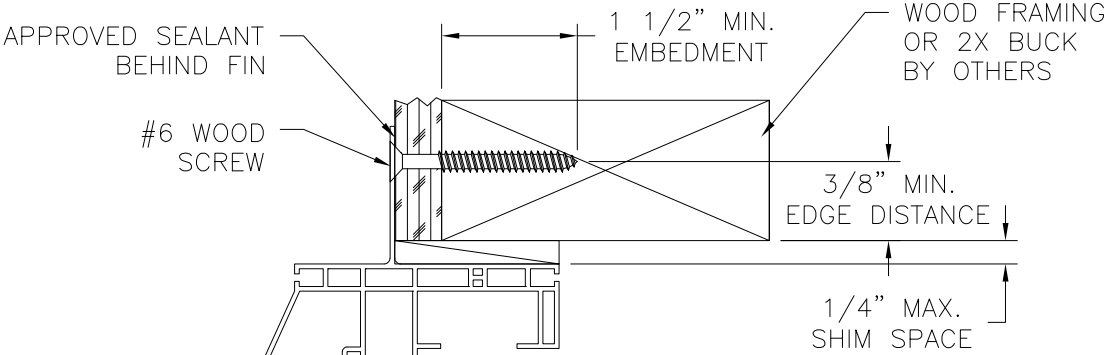
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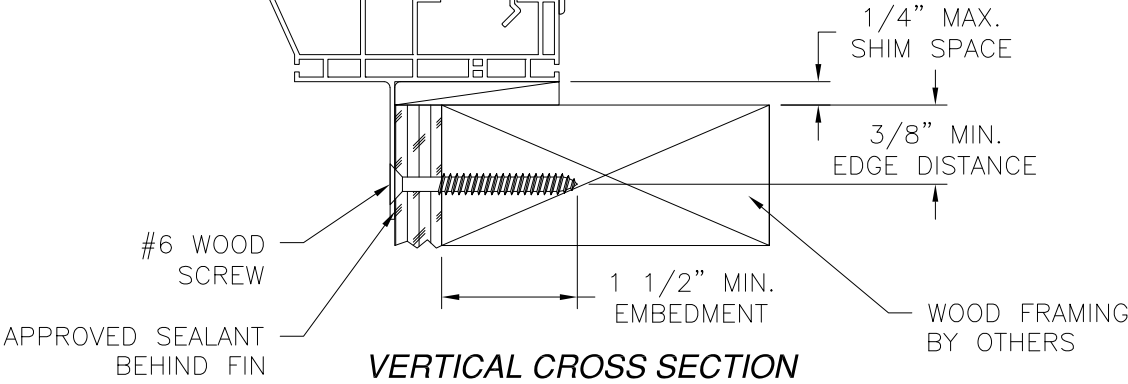
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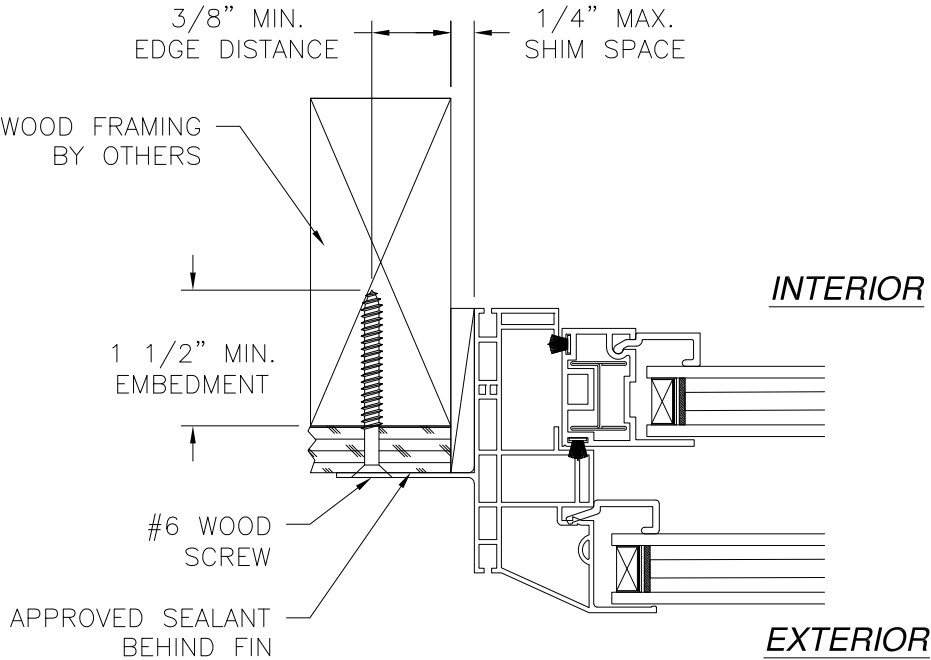


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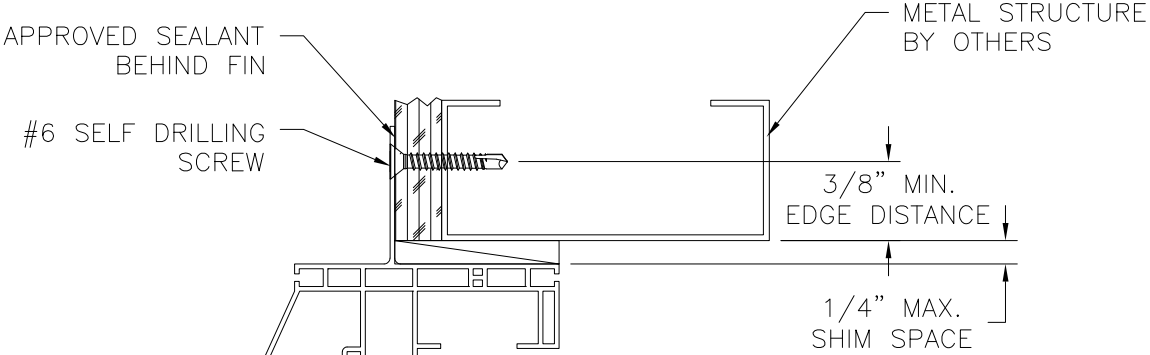
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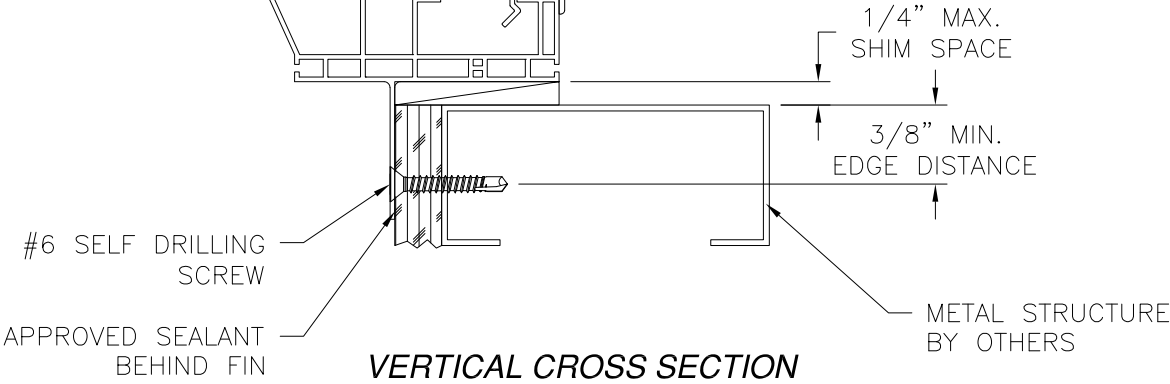
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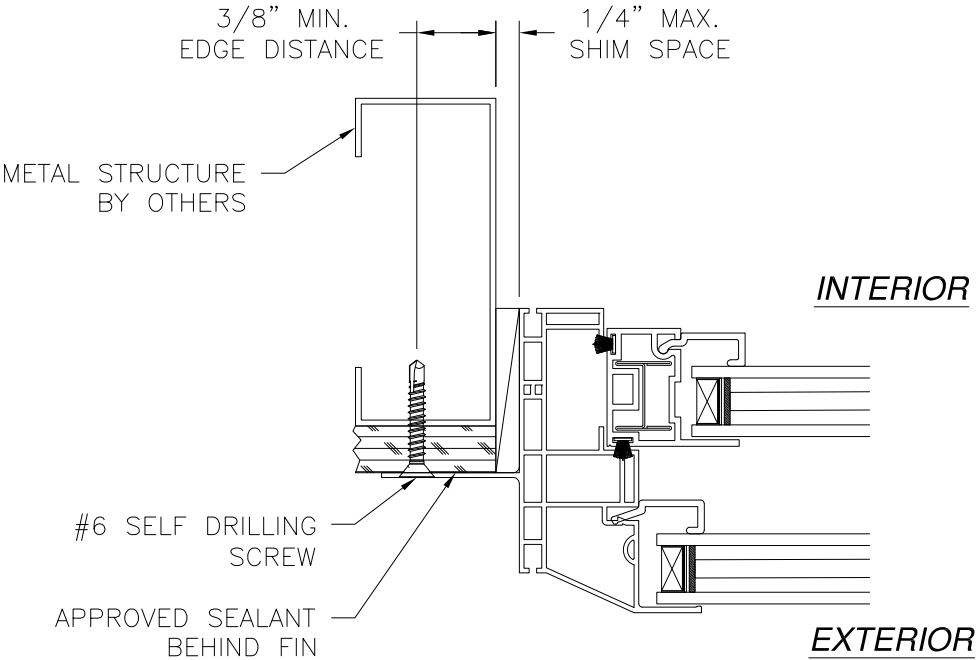


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METAL STRUCTURE INSTALLATION



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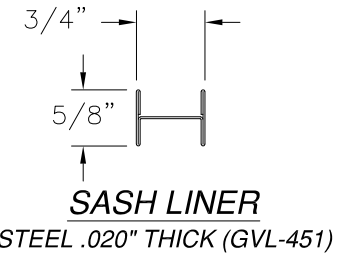
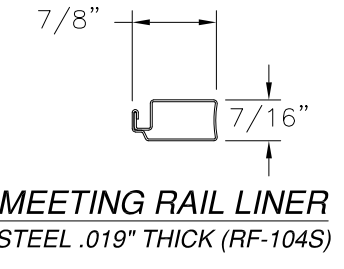
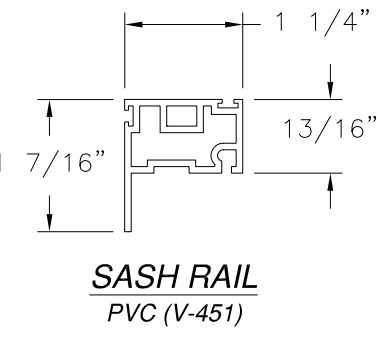
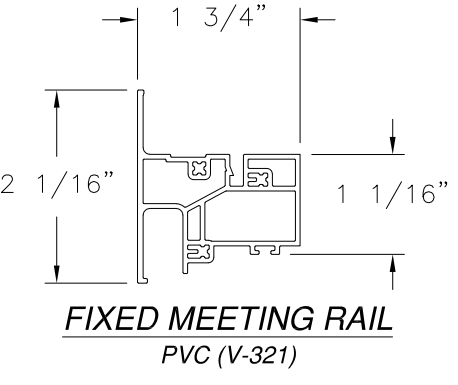
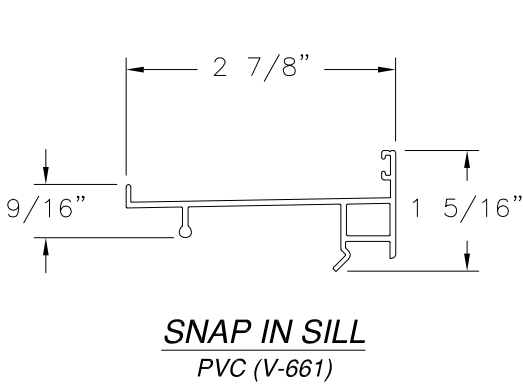
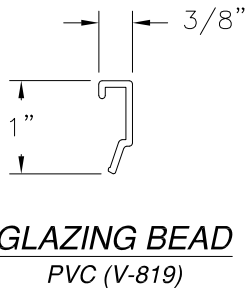
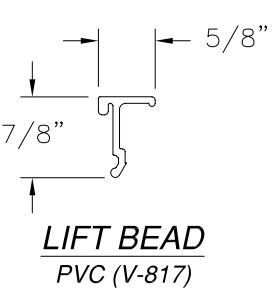
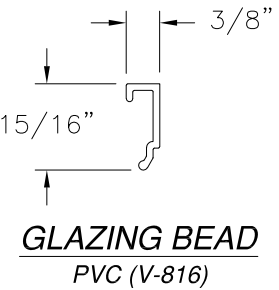
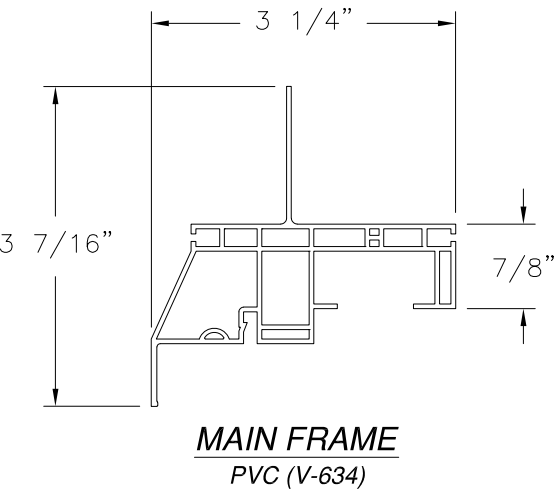
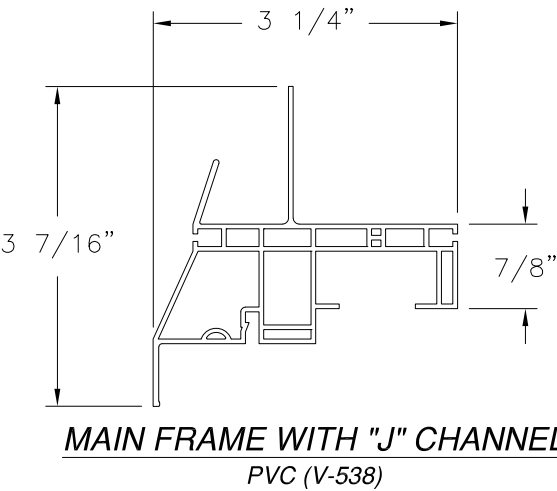
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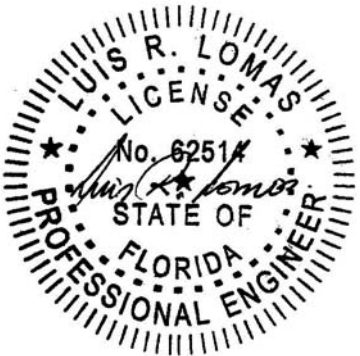
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