

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" WINDOW 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. WINDOW 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 WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. SHIM AS REQUIRED AT 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 MADE FROM MATERIALS CAPABLE OF SUSTAINING APPLICABLE LOADS, LOCATED AND APPLIED IN A THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300-04/09.
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 #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.

15. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #6 SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM
18. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 – 5	INSTALLATION DETAILS
6	COMPONENTS

MI WINDOWS & DOORS, LLC

650 WEST MARKET STREET

GRATZ, PA 17030-0370

SERIES 3540 PVC TRIPLE SINGLE HUNG WINDOW

REINFORCED NON-IMPACT 120" x 84"

NOTES

DRAWN:

DWG NO.

REV

A.R.

08-03522

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SCALE

NTS

DATE

11/26/19

SHEET

1

OF

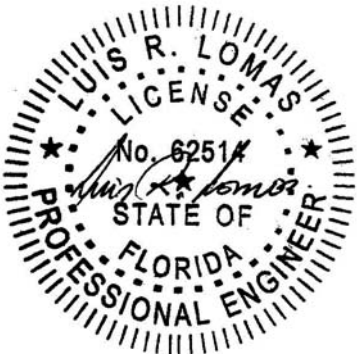
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L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

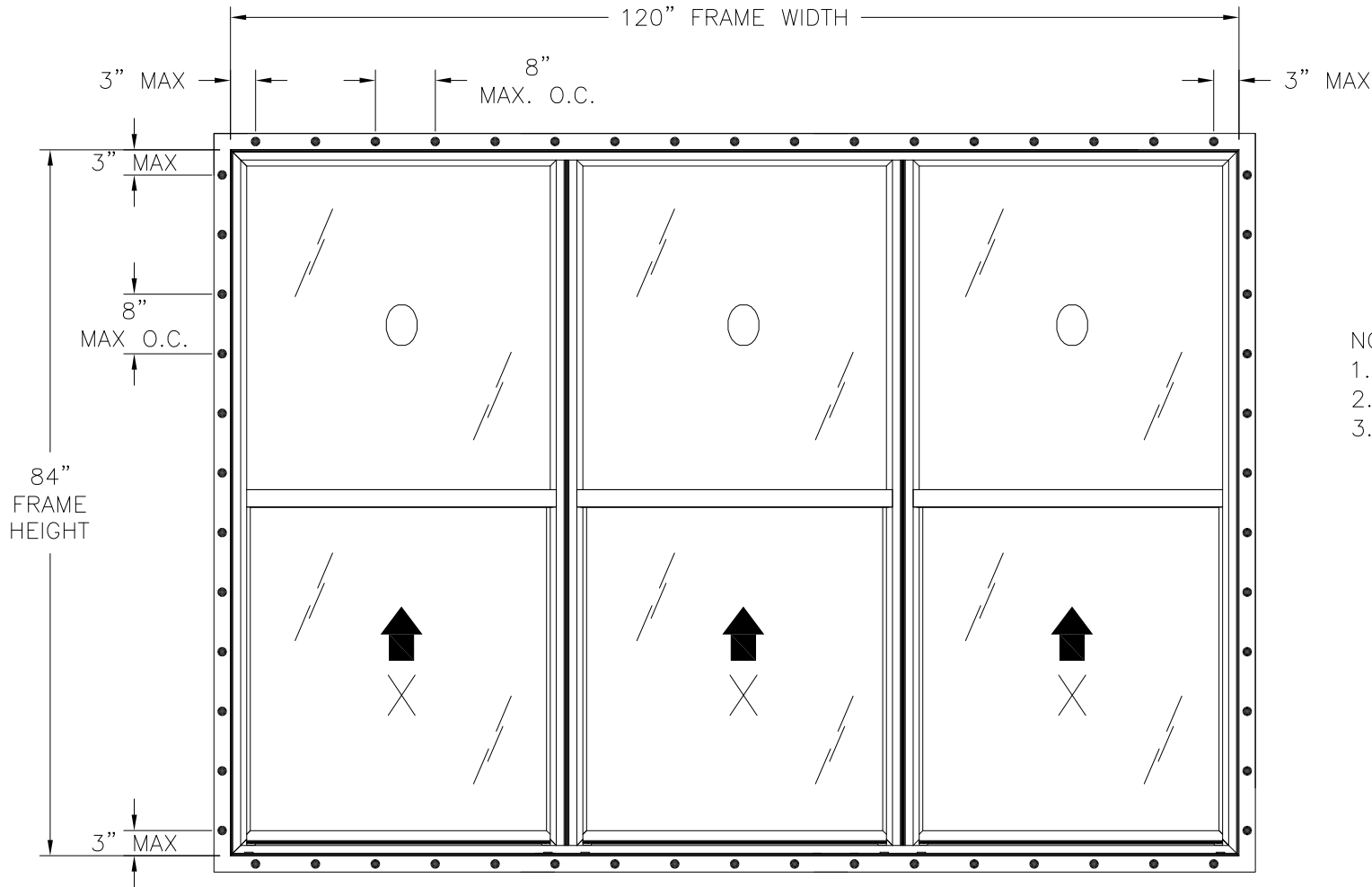
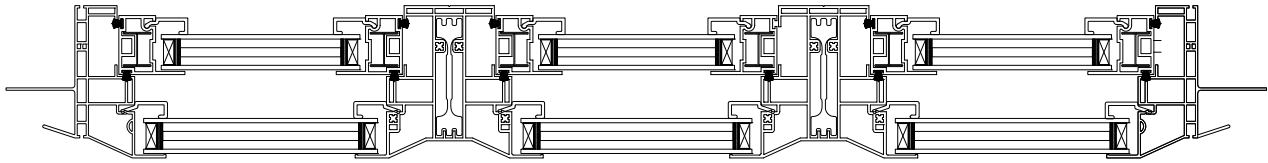
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SIGNED: 01/06/2020



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

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- NOTES:
1. SASH SIZE: 38" X 41 1/2"
 2. FIXED SASH D.L.O.: 36" X 34 7/8"
 3. OPERABLE SASH D.L.O.: 35" X 35"

SERIES 3540 PVC TRIPLE SINGLE HUNG WINDOW
EXTERIOR VIEW

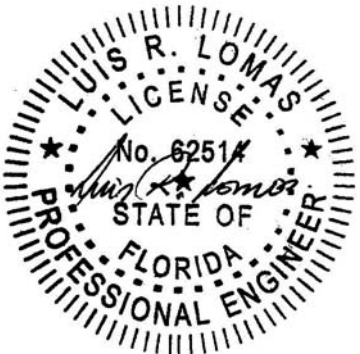
DESIGN PRESSURE RATING	IMPACT RATING
±20.0PSF	NONE

120" X 84" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 70.0" FT²

HARDWARE SCHEDULE	
A.	(2 PER SASH) SURFACE MOUNT VINYL TILT LATCHES AT EACH END OF INTERIOR MEETING RAIL
B.	(2 PER SASH) METAL PIVOT PINS AT EACH END OF SASH BOTTOM RAIL
C.	(2 PER SASH) COMPOSITE SWEEP LOCKS WITH KEEPERS AT INTERIOR MEETING RAIL, 7" FROM EACH END
D.	(2 PER SASH) CONSTANT FORCE BALANCES AT EACH JAMB
E.	EXTRUDED ALUMINUM REINFORCEMENT (M-1994) AT INTERMEDIATE JAMBS
F.	ROLL FORMED STEEL (TBDRF-104S) AT FIXED MEETING RAILS
G.	ROLL FORMED STEEL (TBDGVL-451) AT SASH STILES AND RAILS

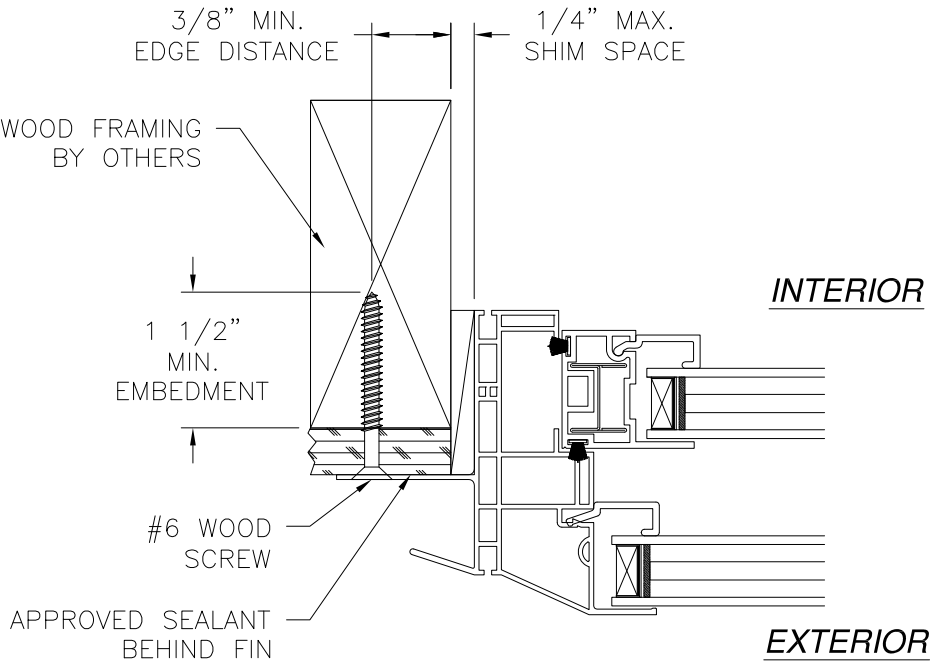
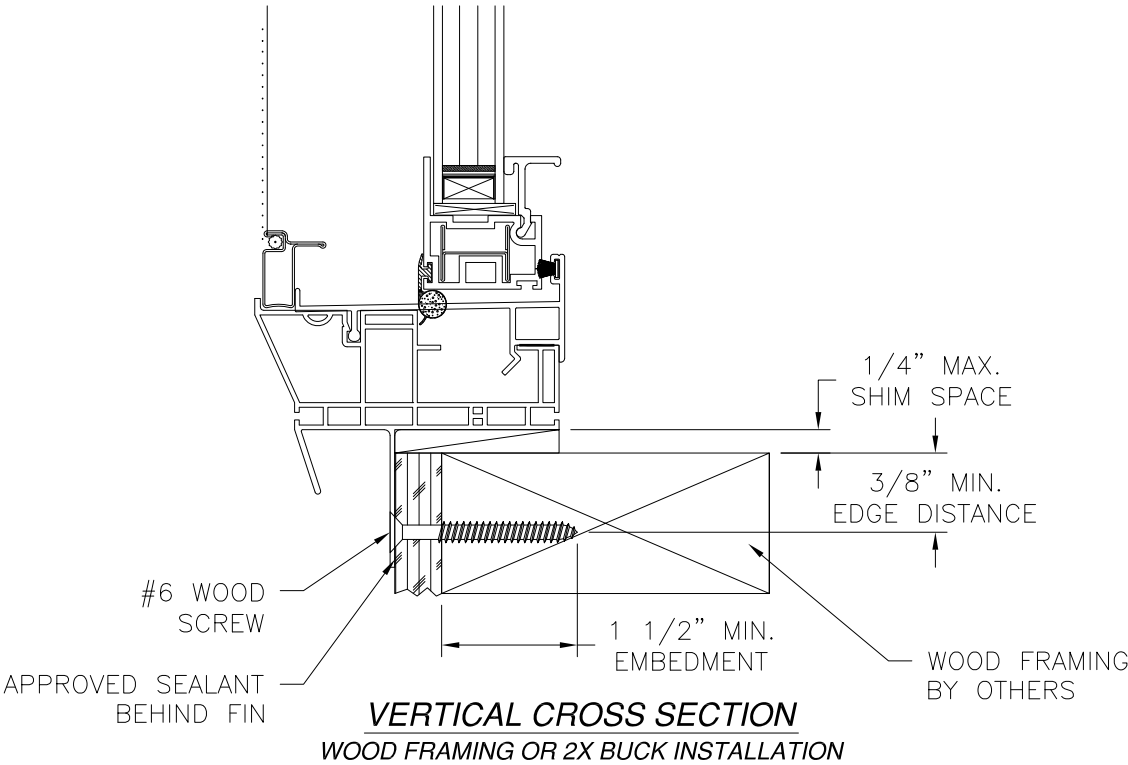
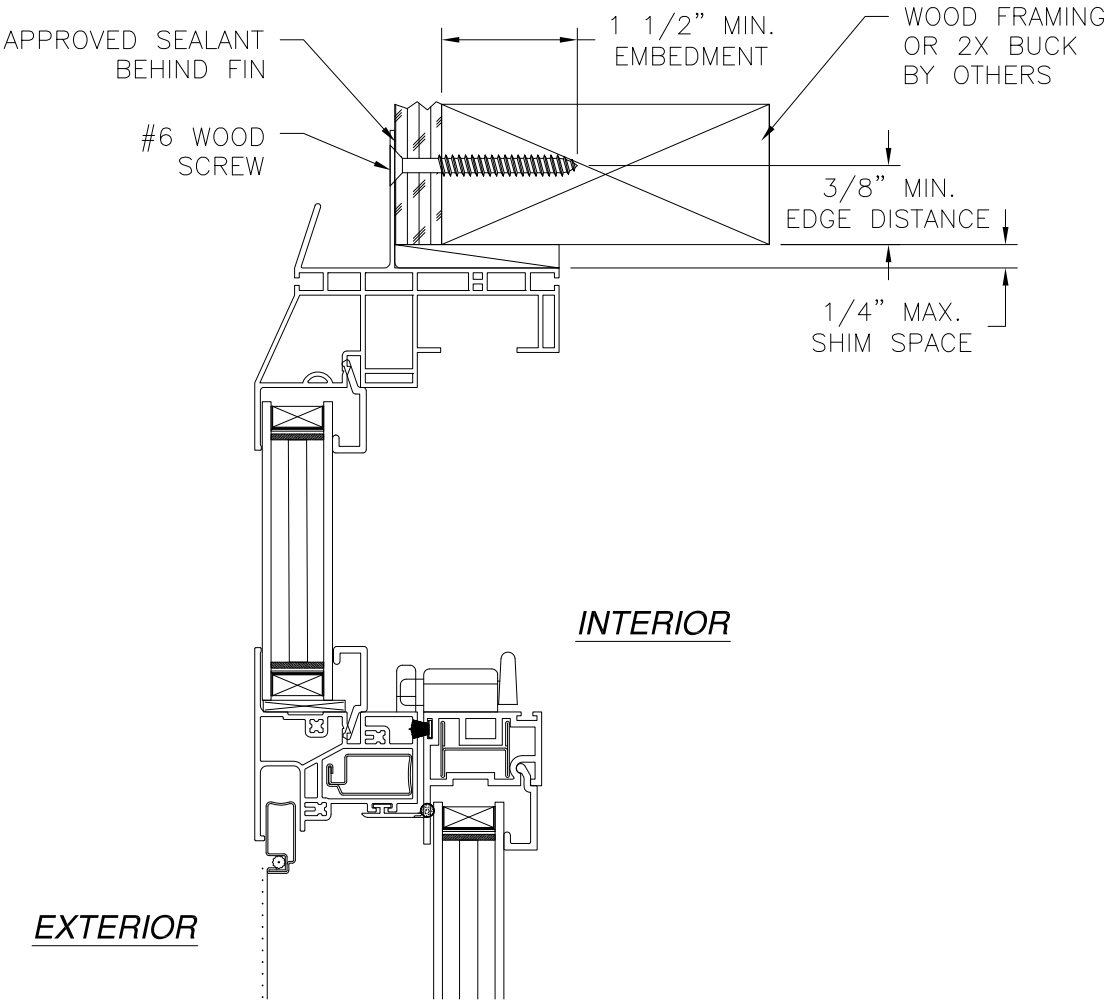
MI WINDOWS & DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 3540 PVC TRIPLE SINGLE HUNG WINDOW REINFORCED NON-IMPACT 120" x 84" ELEVATION		
DRAWN: A.R.	DWG NO. 08-03522	REV -
SCALE NTS	DATE 11/26/19	SHEET 2 OF 7
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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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

SIGNED: 01/06/2020

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

SERIES 3540 PVC TRIPLE SINGLE HUNG WINDOW
REINFORCED NON-IMPACT 120" x 84"
INSTALLATION DETAILS WITH "J" CHANNEL

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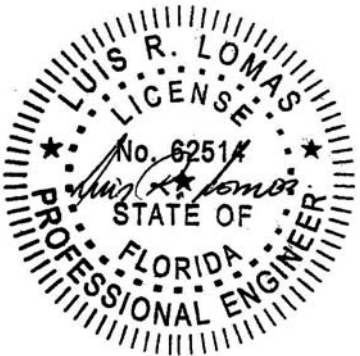
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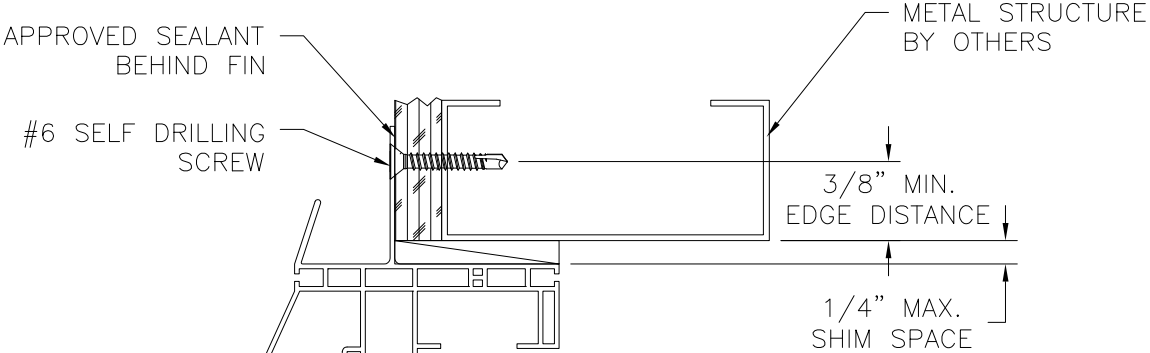
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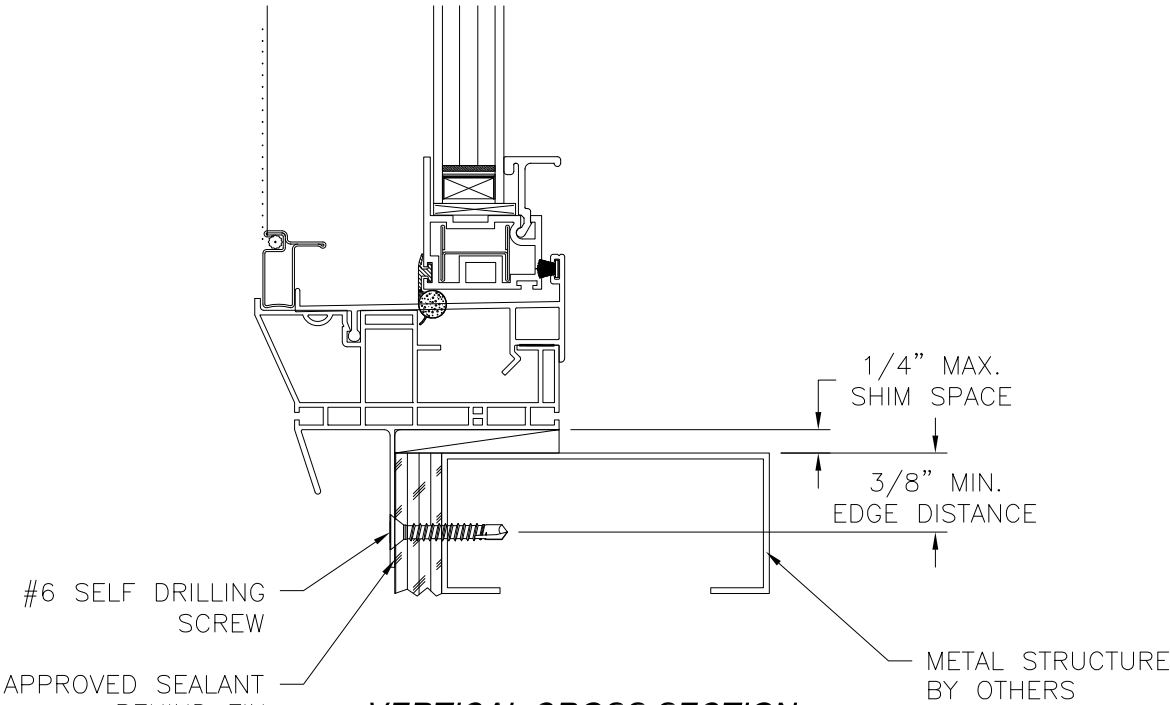
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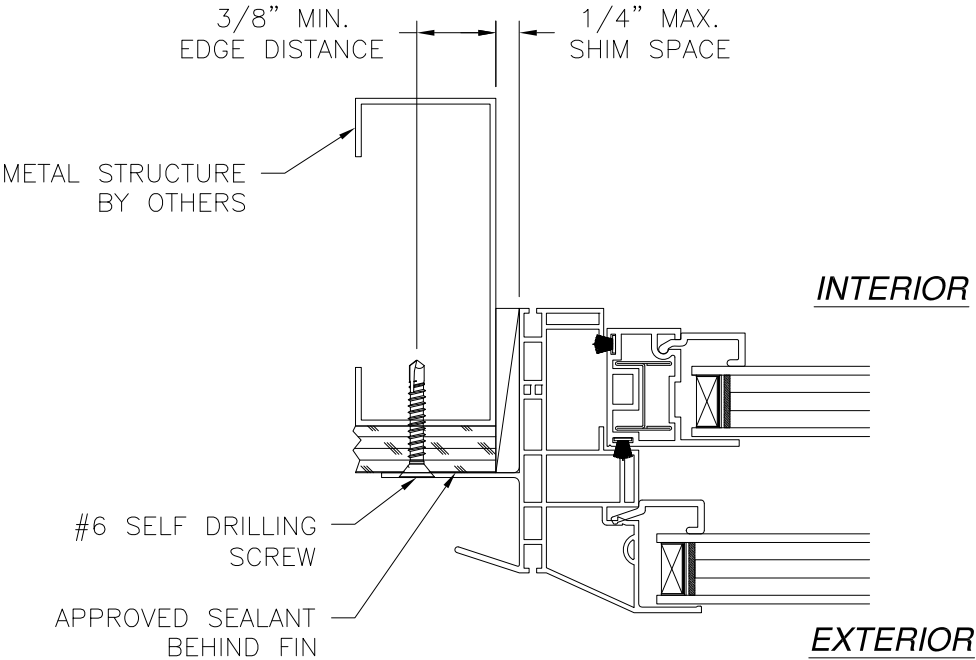


INTERIOR

EXTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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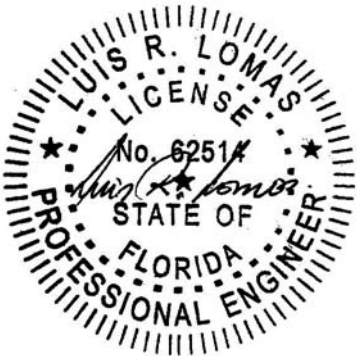
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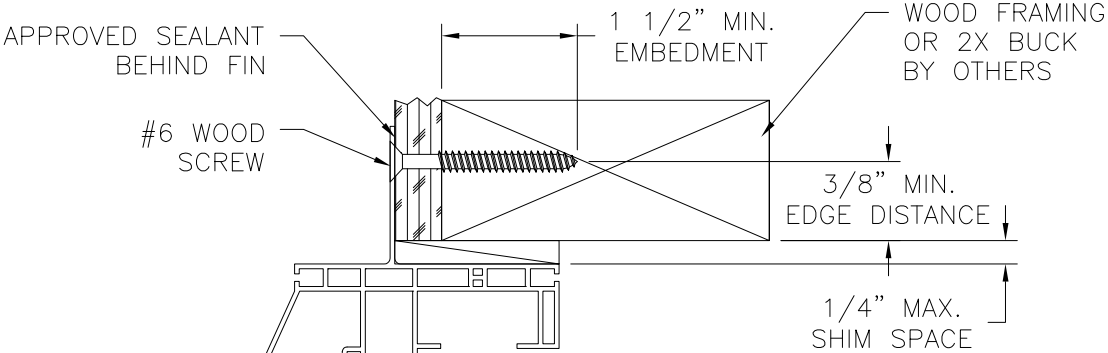
SHEET
4 OF 7

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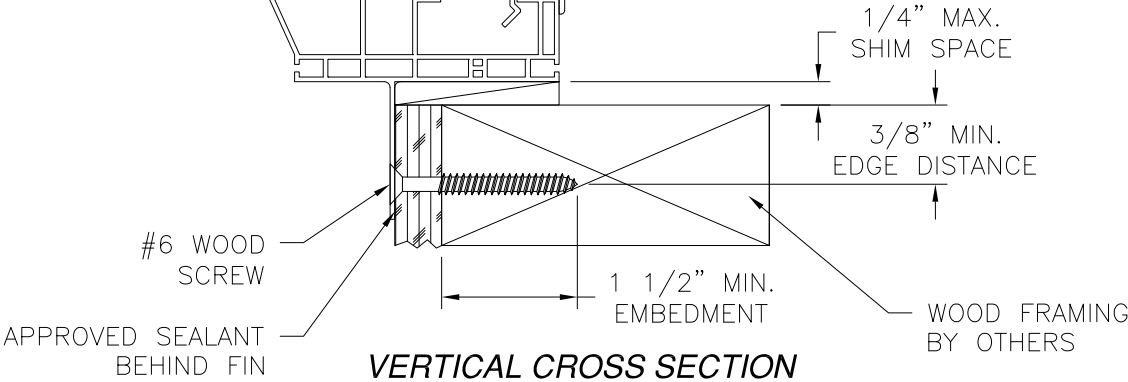
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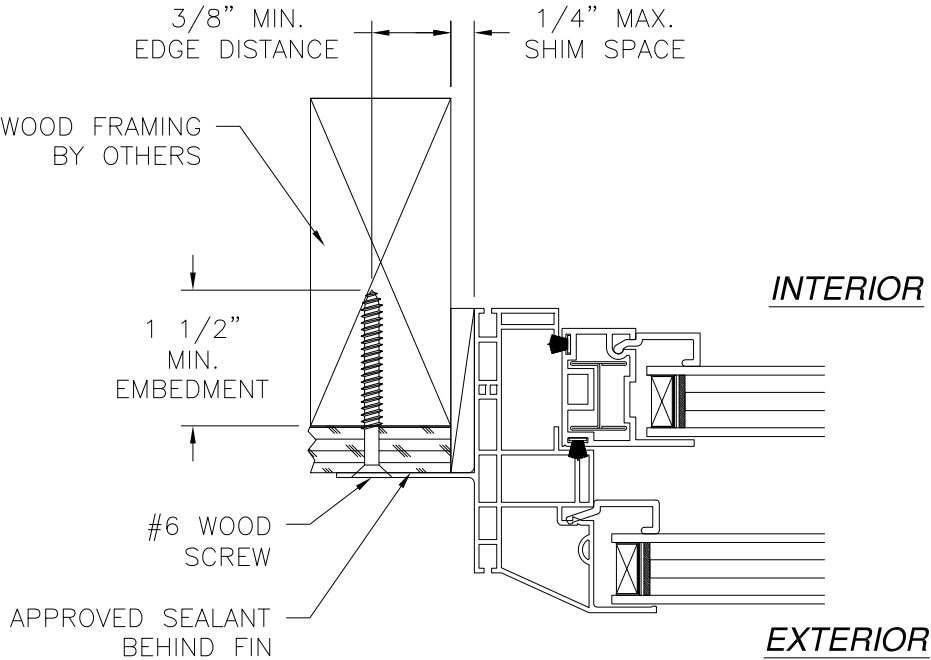


INTERIOR

EXTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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SERIES 3540 PVC TRIPLE SINGLE HUNG WINDOW
REINFORCED NON-IMPACT 120" x 84"
INSTALLATION DETAILS WITHOUT "J" CHANNEL

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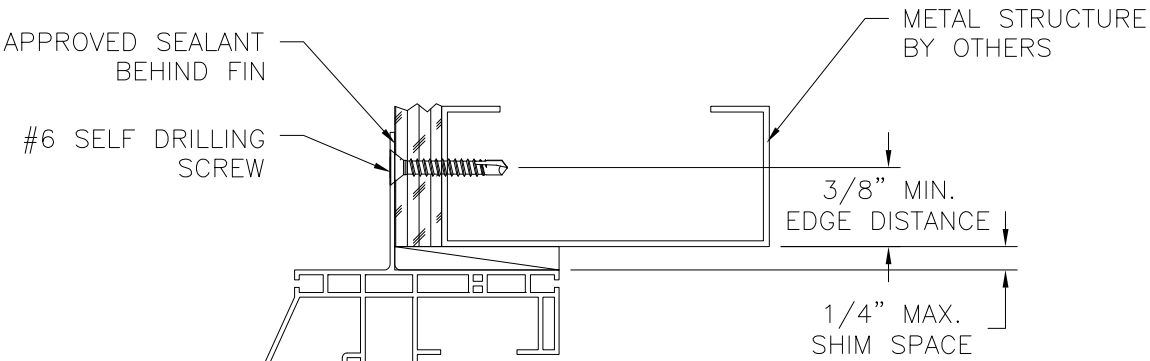
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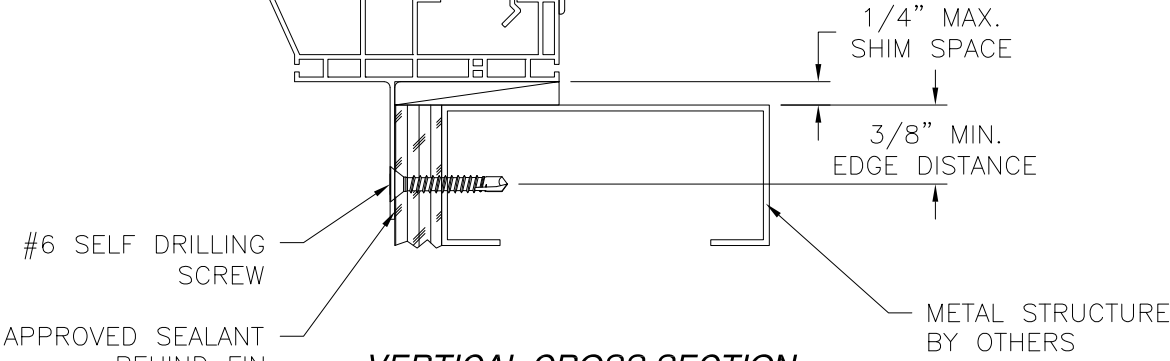
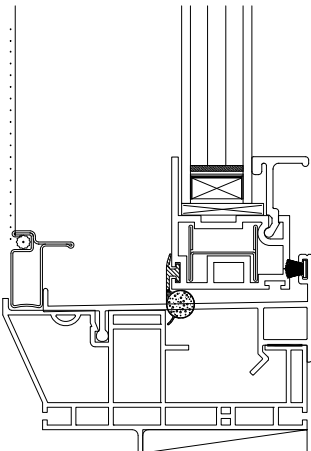
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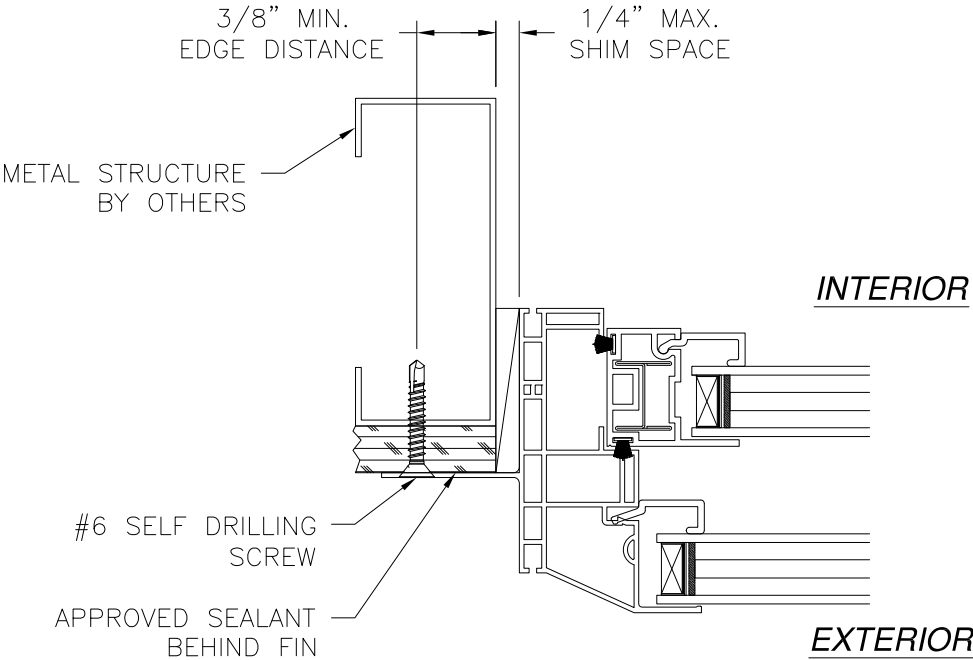


INTERIOR

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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



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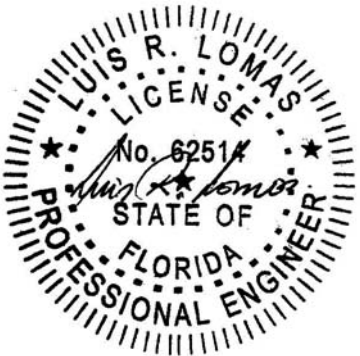
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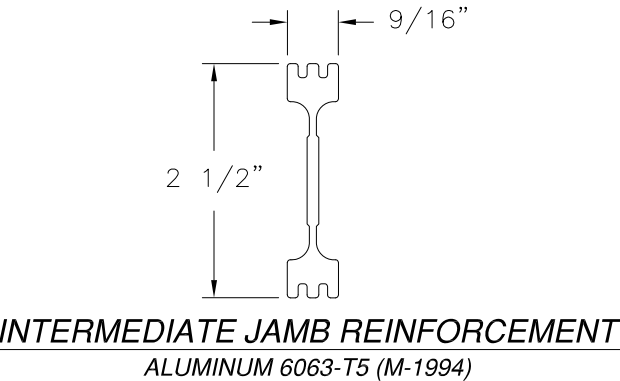
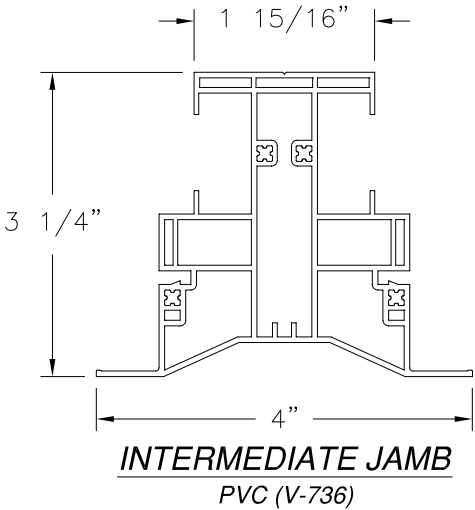
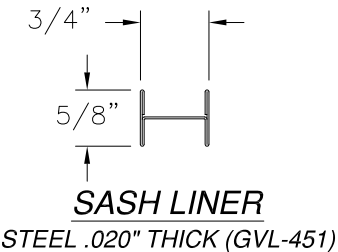
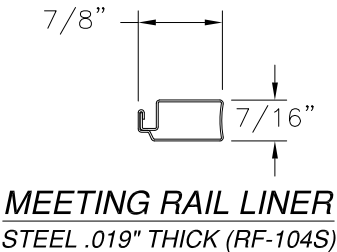
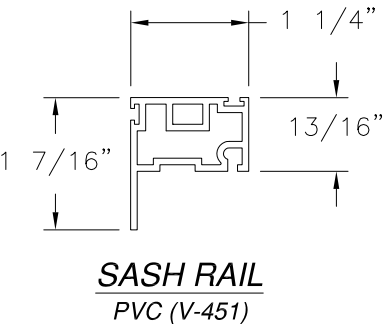
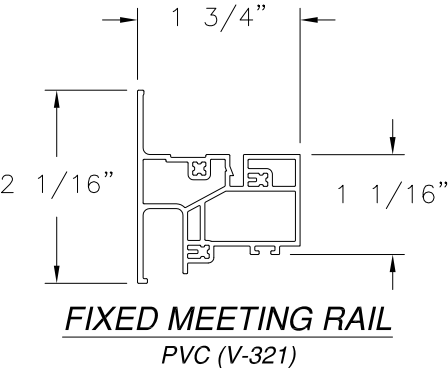
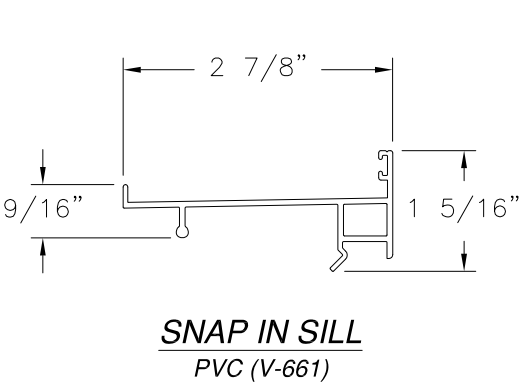
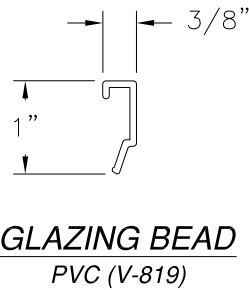
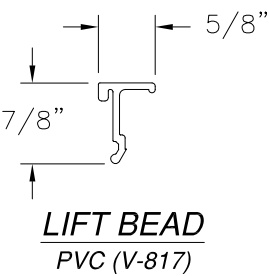
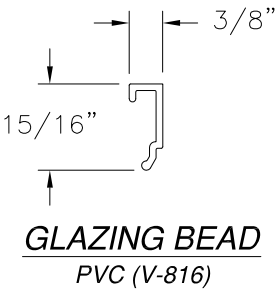
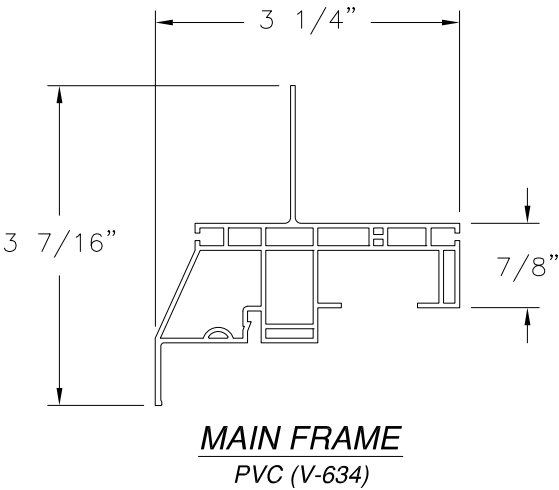
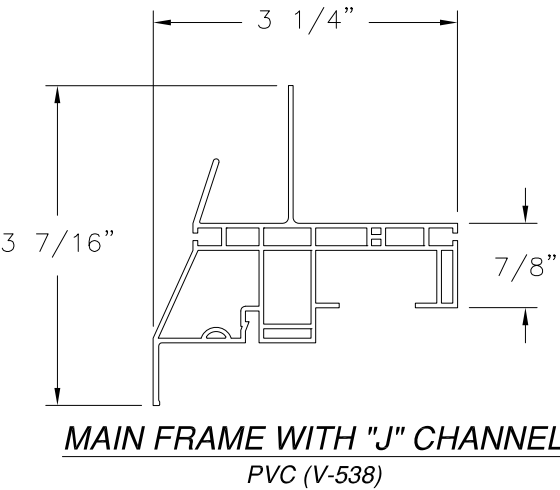
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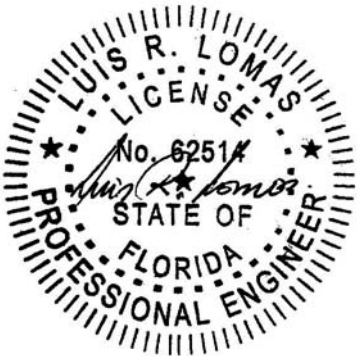
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