

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	08/01/19	R.L.
B	REVISED PER NEW CODE	03/24/2021	R.L.

NOTES:

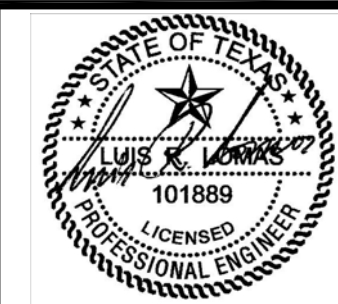
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2018 IBC AND 2018 IRC.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER 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. 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, SEE SHEET 6 FOR GLAZING DETAILS..
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT 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 1/4" 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 #8 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 3/16" 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 #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.
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 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .125" THICK MINIMUM
20. APPROVED CONFIGURATIONS: OX, XO

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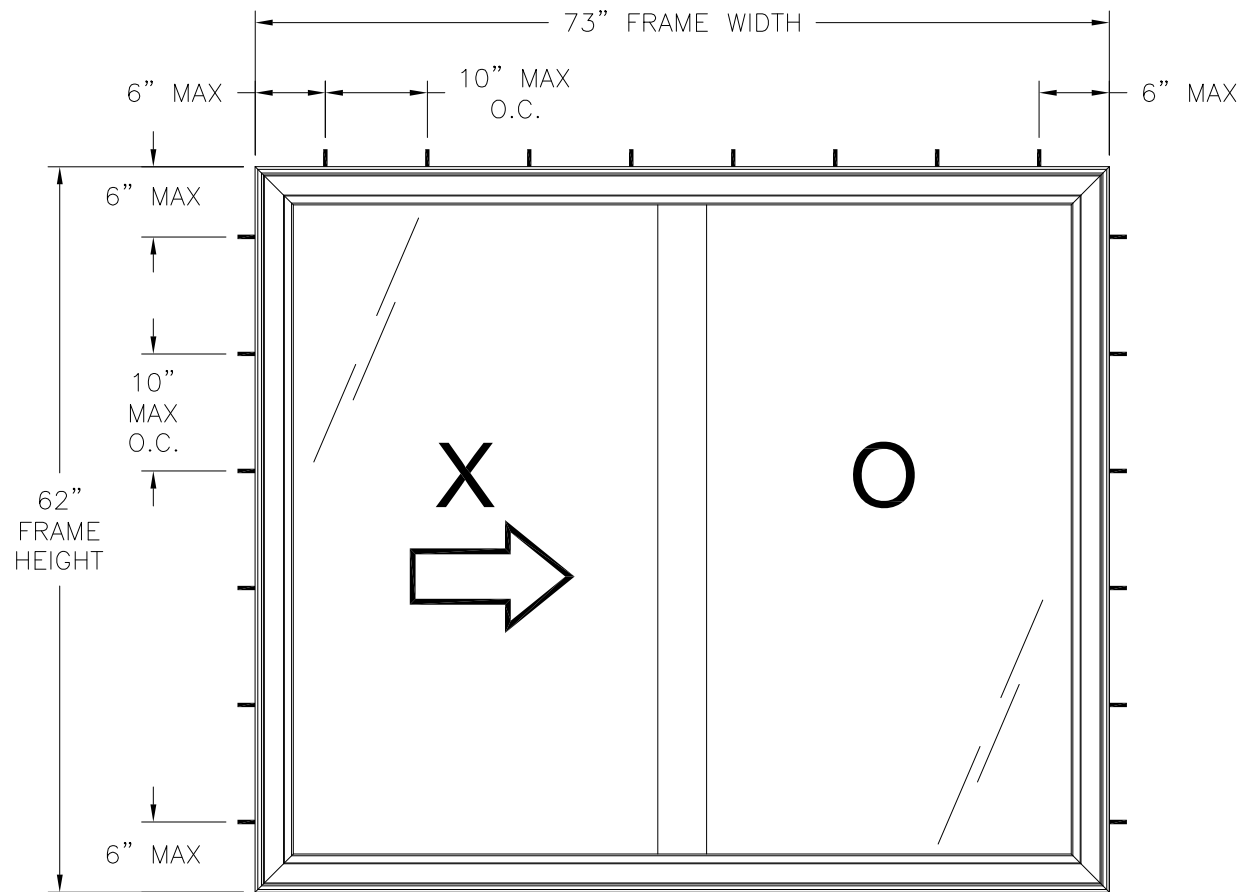
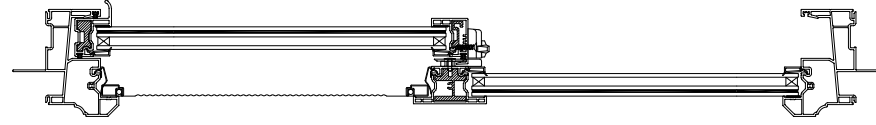
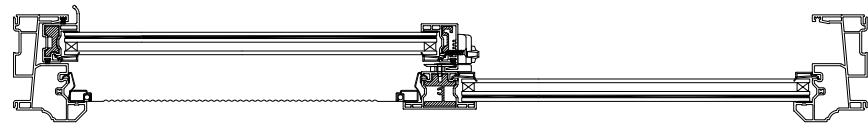
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 – 5	INSTALLATION DETAILS
6	COMPONENTS

WINDOW MART 5760 ALBERT PIKE ROYAL, AR 71968		
6301 NC/6302 REP VINYL HORIZONTAL SLIDER IMPACT NOTES		
DRAWN: N.G.	DWG NO. 08-02365	REV B
SCALE NTS	DATE 05/15/14	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

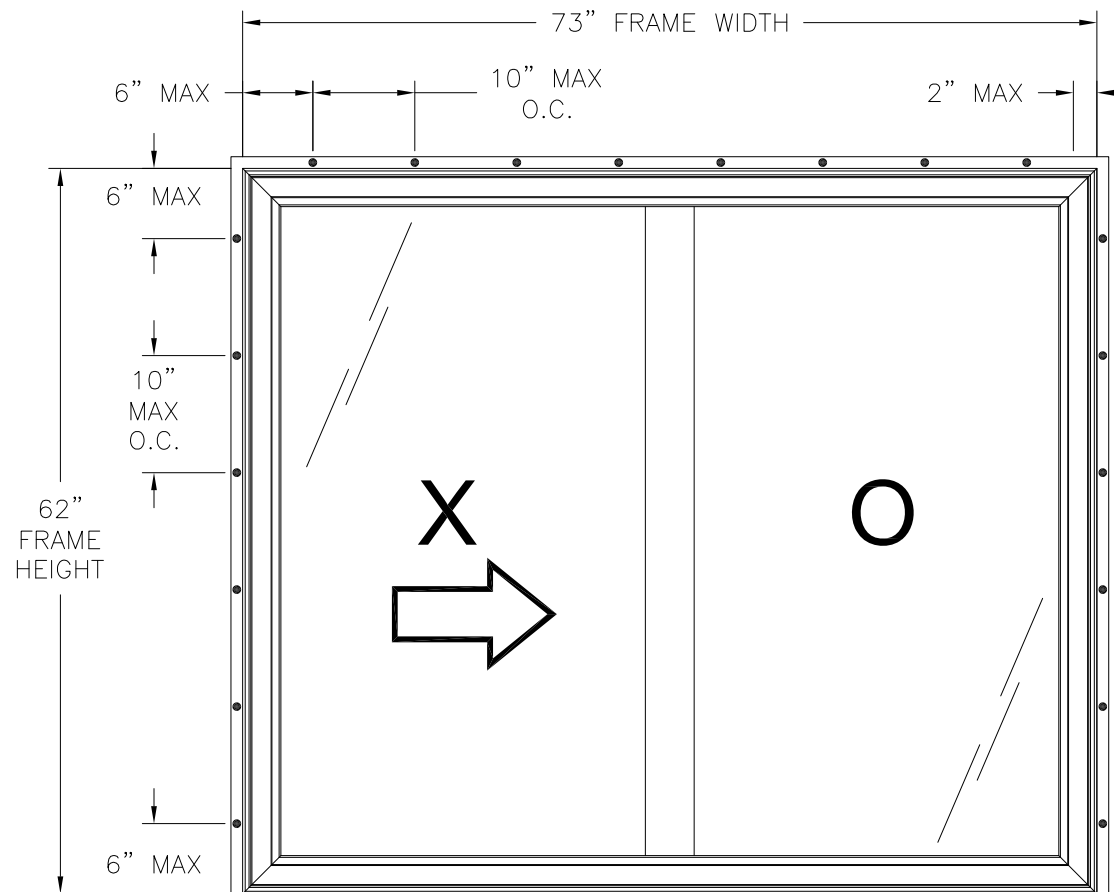


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6301 NC/6302 REP IMPACT HORIZONTAL SLIDER
EXTERIOR VIEW
FRAME INSTALLATION



6301 NC/6302 REP IMPACT HORIZONTAL SLIDER
EXTERIOR VIEW
FIN INSTALLATION

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

MISSILE LEVEL D, WIND ZONE 4

NOTES:

- ACTIVE SASH SIZE: 36 1/2" X 60 1/2"
- FIXED SASH SIZE: 36 1/2" X 60 3/4"
- ACTIVE SASH D.L.O.: 32 1/4" X 57"
- FIXED SASH D.L.O.: 34" X 59 3/4"

HARDWARE SCHEDULE

A.	(2) KEEPERS AT FIXED MEETING STILE, 8" CENTER LINE FROM HEAD/SILL
B.	(2) LOCKS AT SASH LOCK STILE, 8" CENTER LINE FROM SASH CORNERS
C.	(2) ROLLER HOUSINGS AT SASH BOTTOM RAIL, ONE AT EACH CORNER
D.	EXTRUDED ALUMINUM (10300084) AT FIXED MEETING STILE
E.	EXTRUDED ALUMINUM (10300082) AT EACH SASH RAIL
F.	EXTRUDED ALUMINUM (10300207) AT SASH PULL STILE

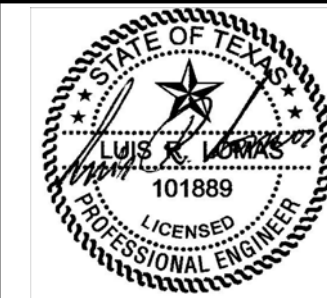
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5760 ALBERT PIKE
ROYAL, AR 71968

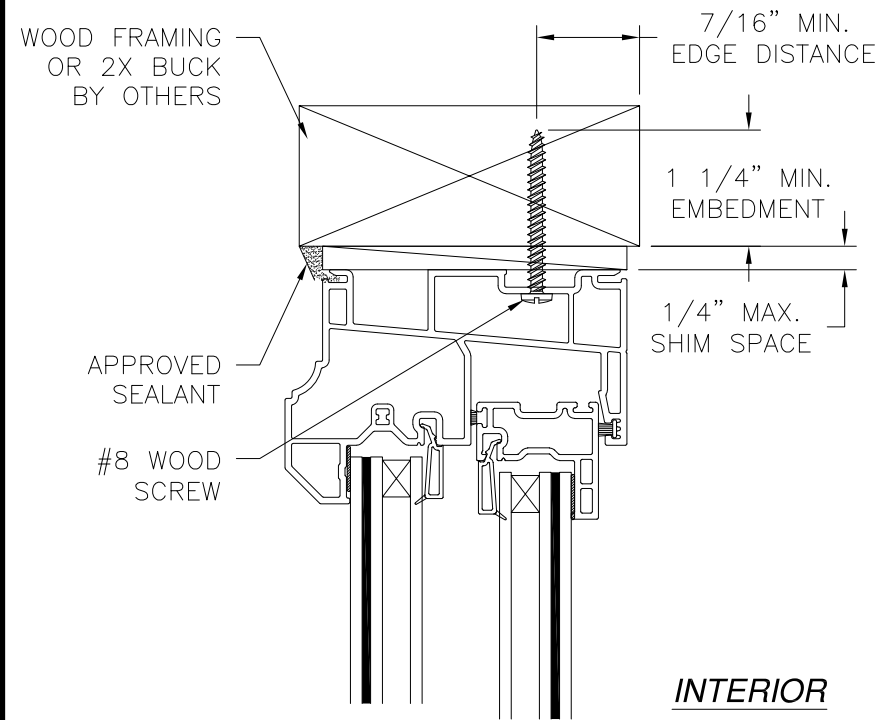
6301 NC/6302 REP VINYL HORIZONTAL SLIDER
IMPACT
ELEVATIONS

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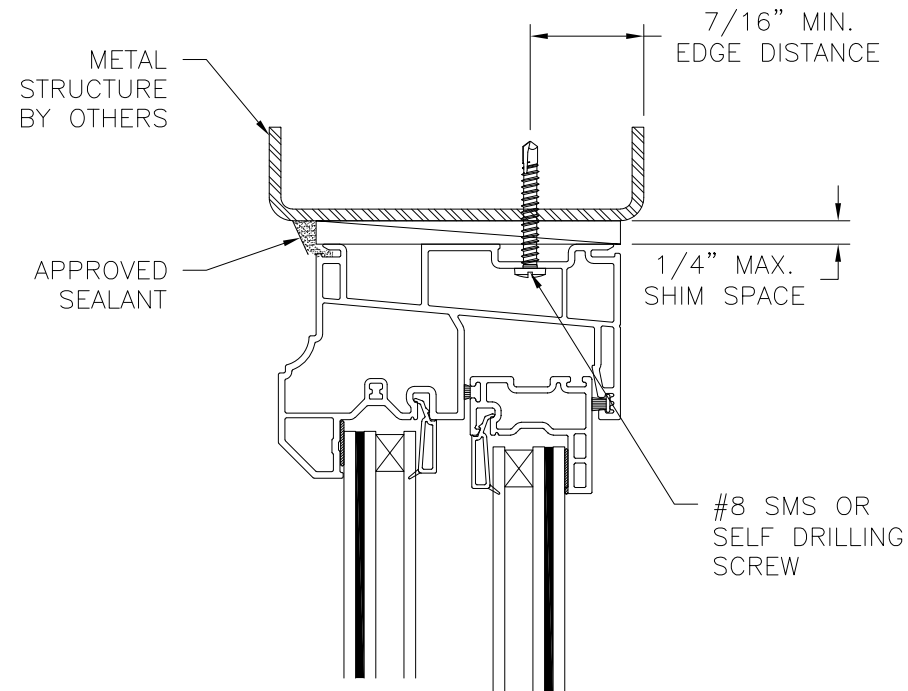
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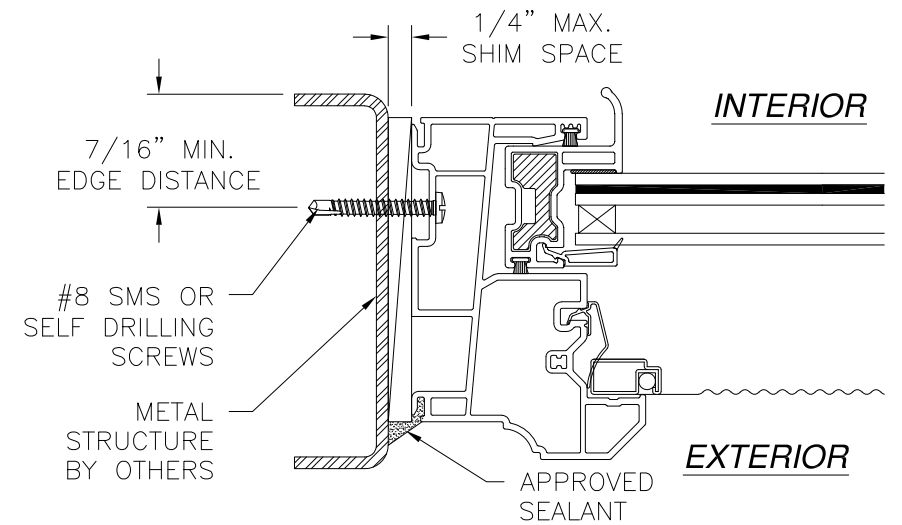
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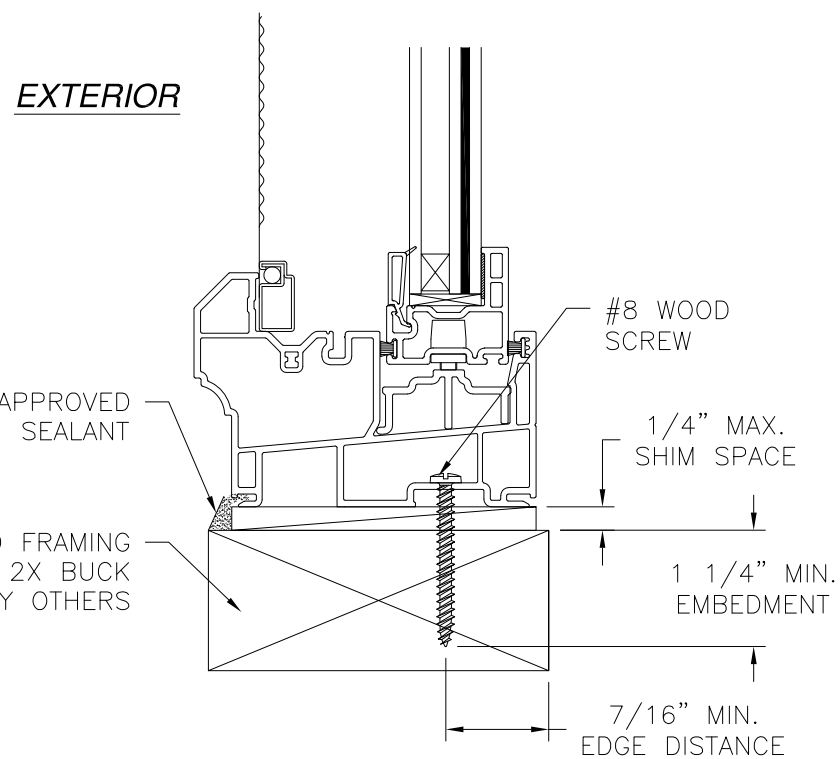
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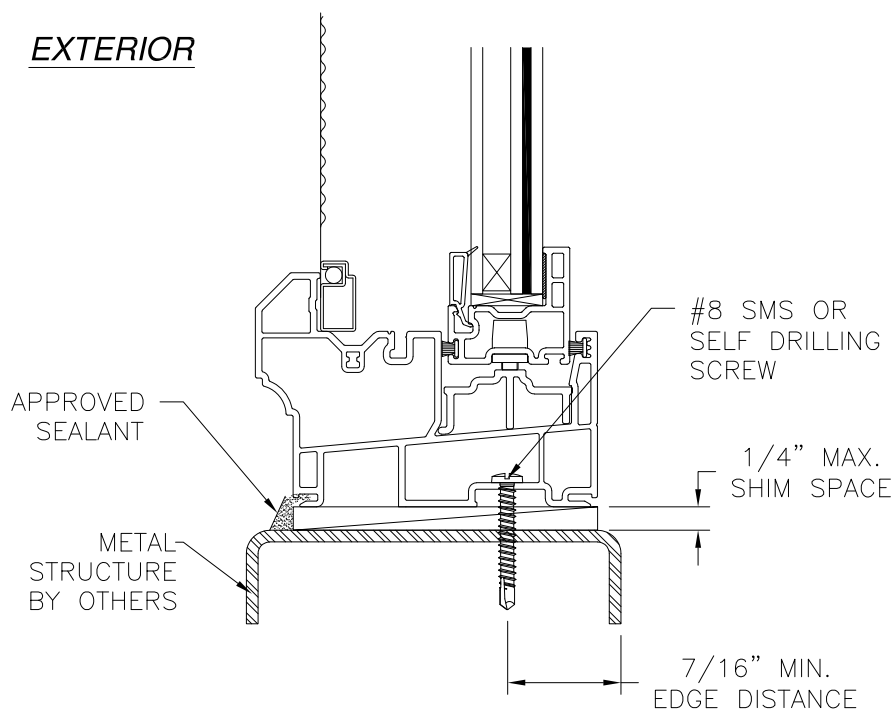
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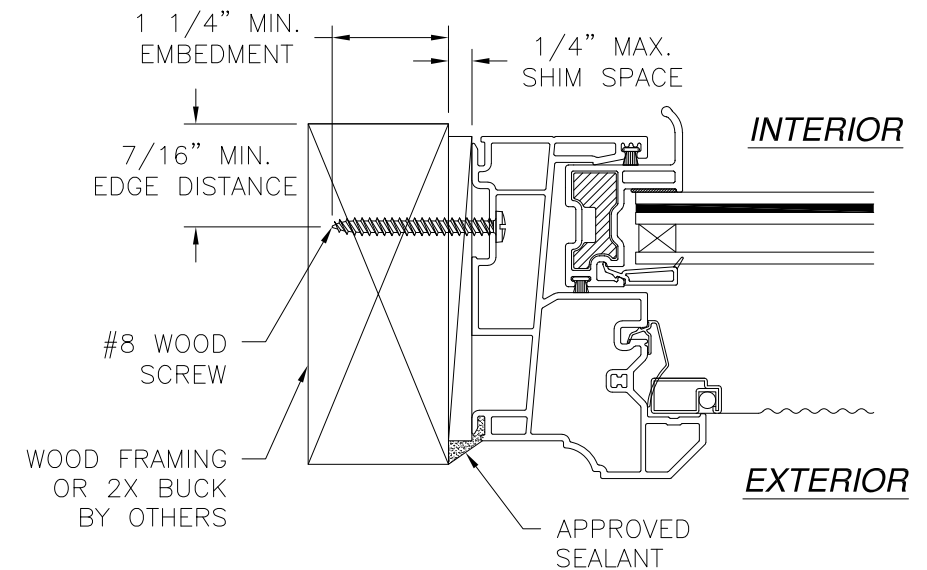
**JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION**



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



**VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION**



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

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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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INSTALLATION DETAILS

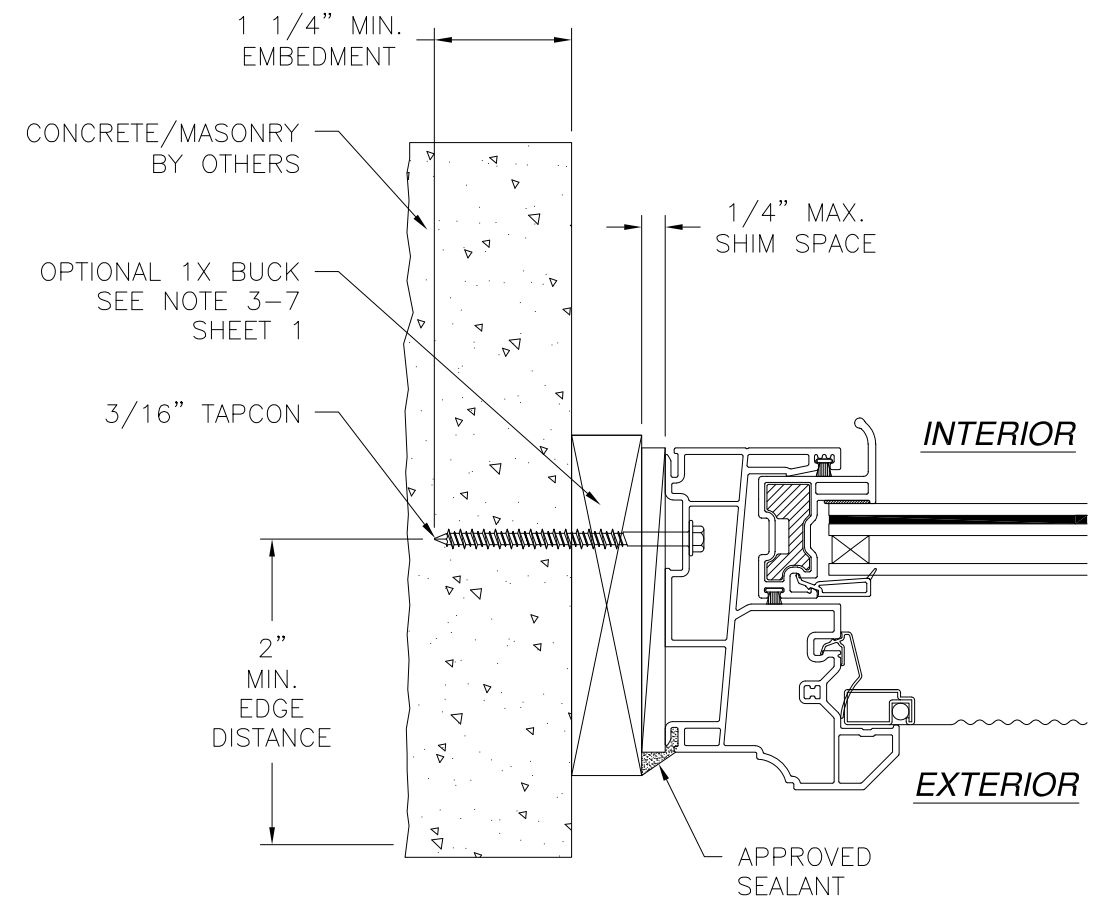
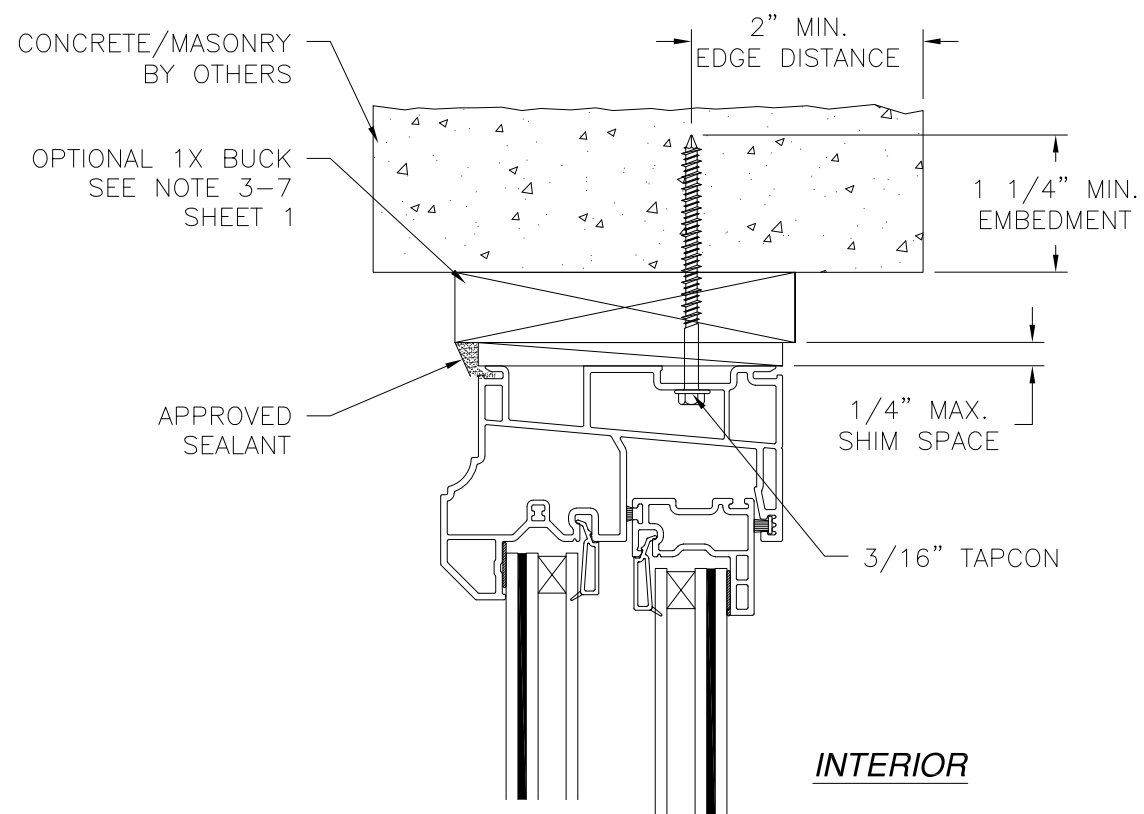
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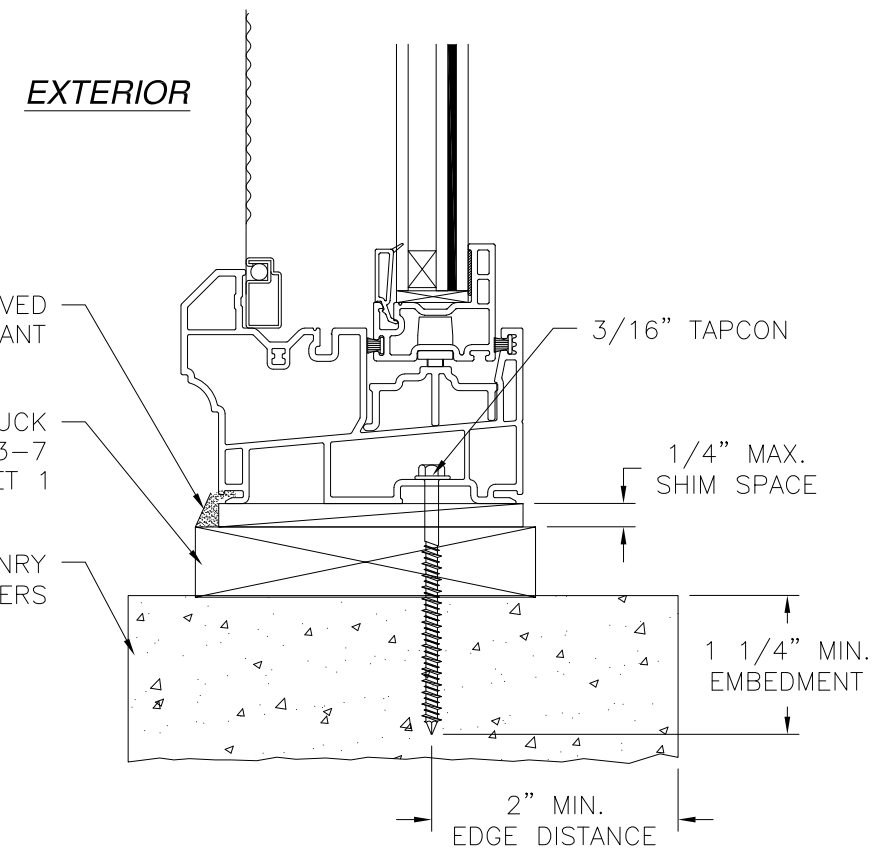


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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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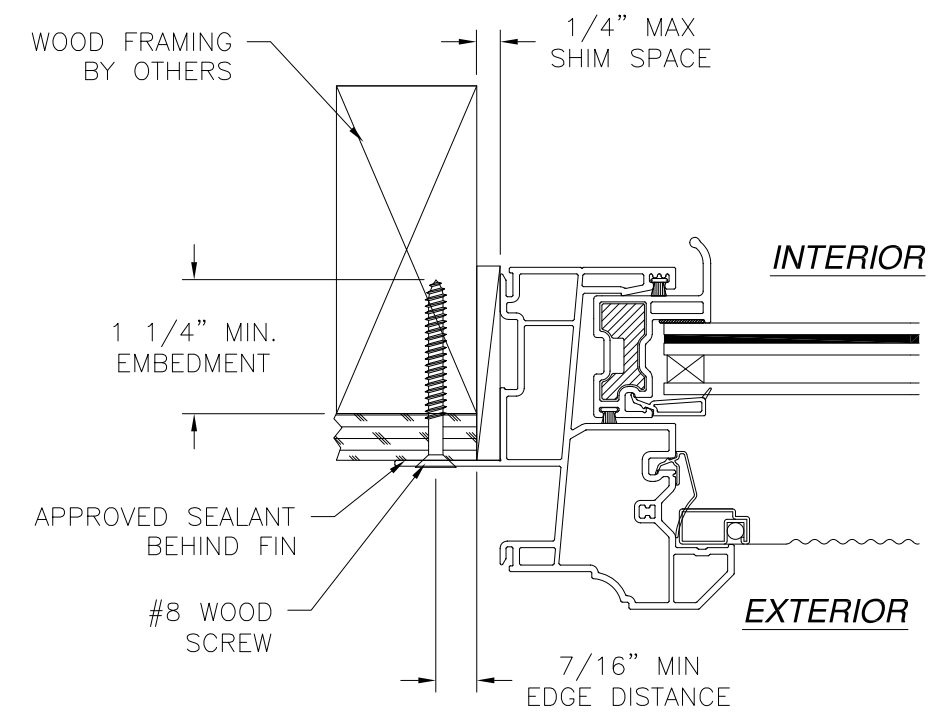
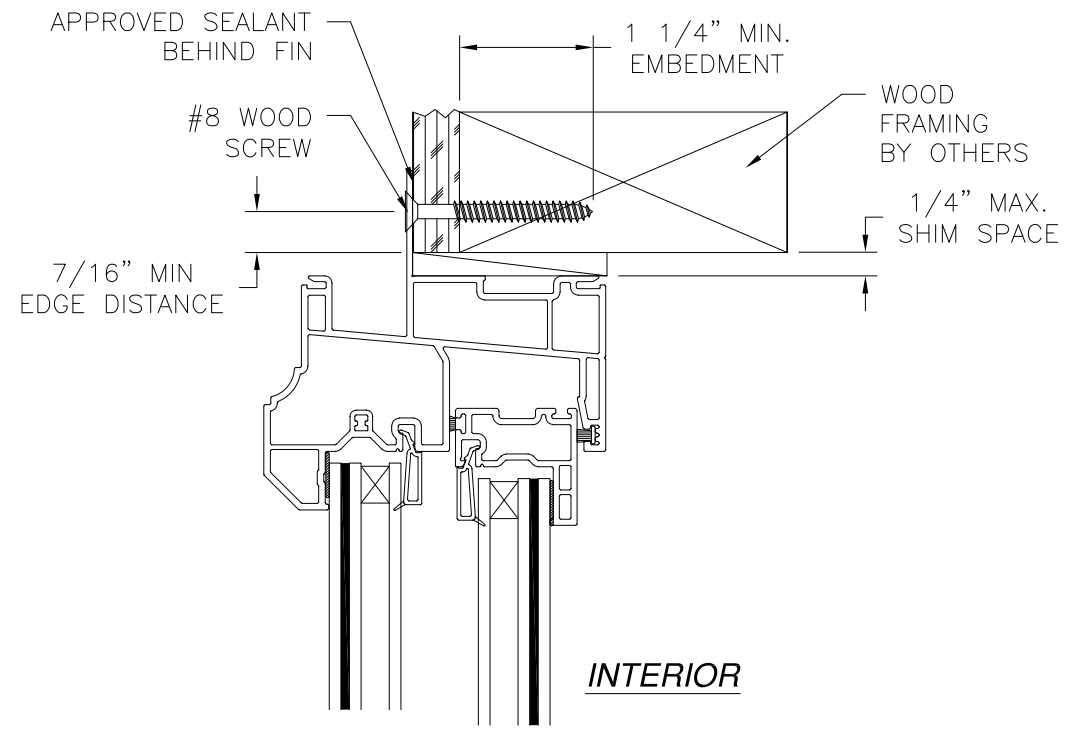
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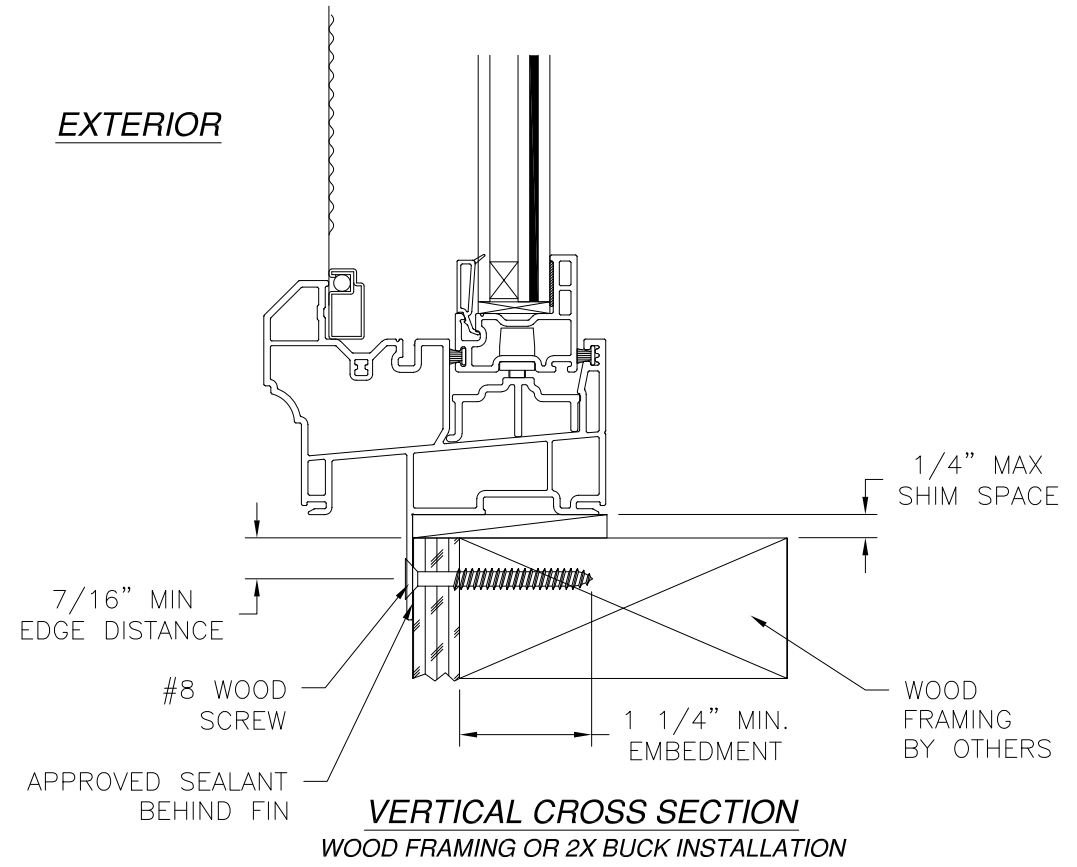


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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
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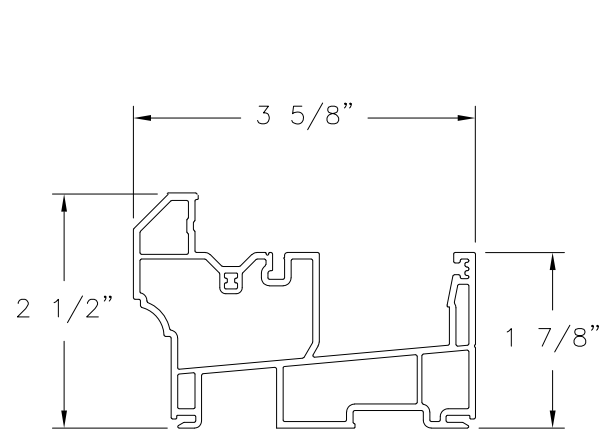
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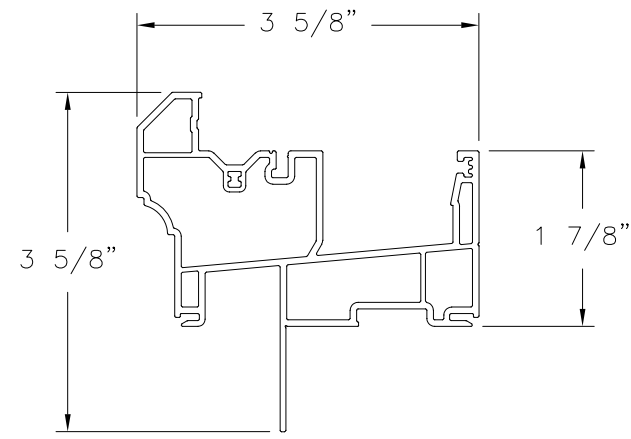


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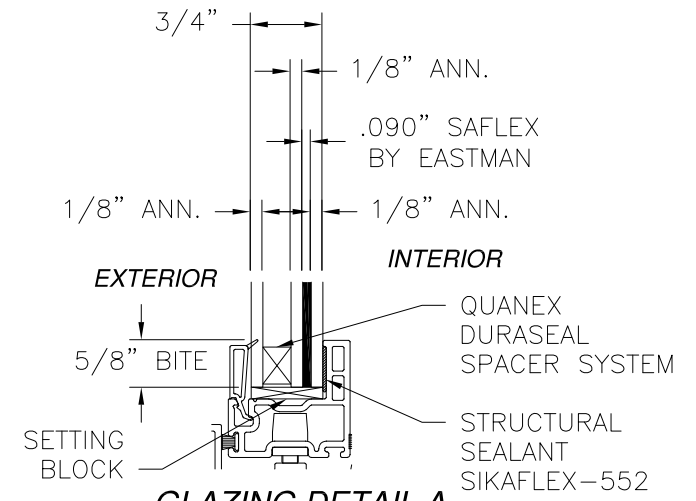
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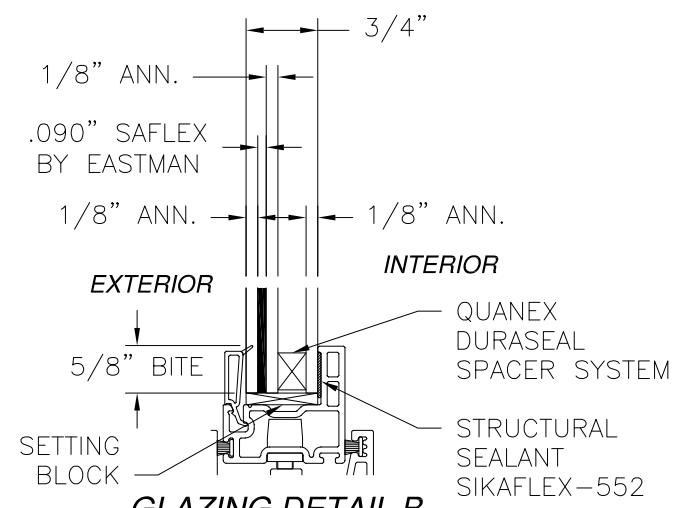
MAIN FRAME
EXTRUDED PVC (10008669)



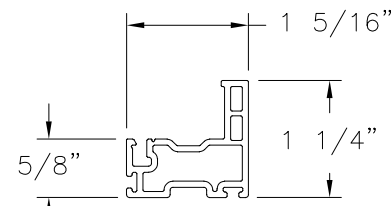
**MAIN FRAME
FIN INSTALLATION**
EXTRUDED PVC (10008684)



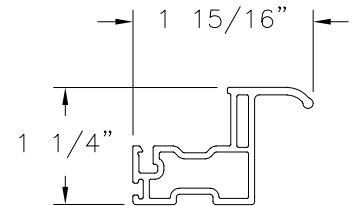
GLAZING DETAIL A
ACTIVE SASH



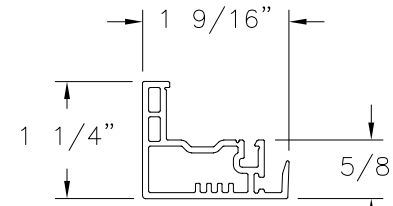
GLAZING DETAIL B
FIXED SASH



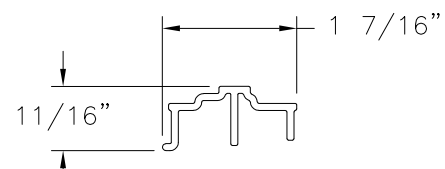
TOP/BOTTOM RAIL
EXTRUDED PVC



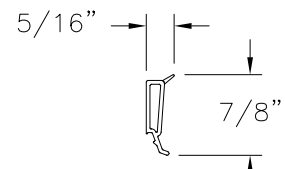
PULL STILE
EXTRUDED PVC (10008882)



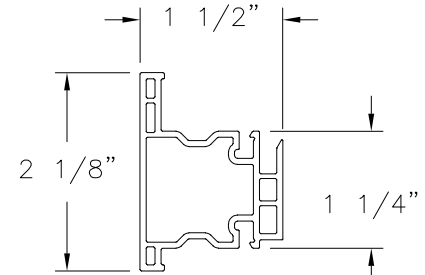
LOCK STILE
EXTRUDED PVC (10008845)



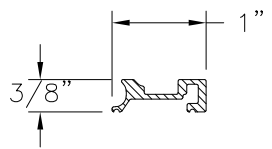
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EXTRUDED PVC (10008469)



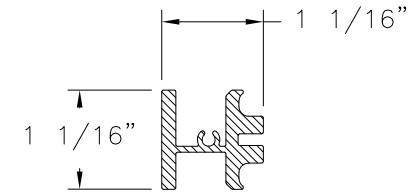
GLAZING BEAD
EXTRUDED PVC (10005470)



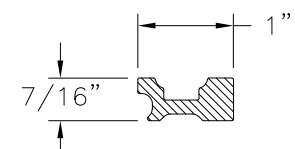
MEETING RAIL
EXTRUDED PVC (10008511)



LOCK STILE REINFORCEMENT
EXTRUDED ALUMINUM (10300082)



**MEETING RAIL
REINFORCEMENT**
EXTRUDED ALUMINUM 6005-T5, 6061-T5 OR
6105-T5(10300084)



PULL STILE REINFORCEMENT
EXTRUDED ALUMINUM (10300207)

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