

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	03/16/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL 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. 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.
4. 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.
5. 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.
6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. 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.
14. 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.
15. 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.
16. 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:
 - 16.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 16.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 16.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 16.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

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KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

200 VINYL TWIN SINGLE HUNG WINDOW CHS
NON-IMPACT 71" X 72"
NOTES

DRAWN:
A.R.

DWG NO.
08-03932

REV
A

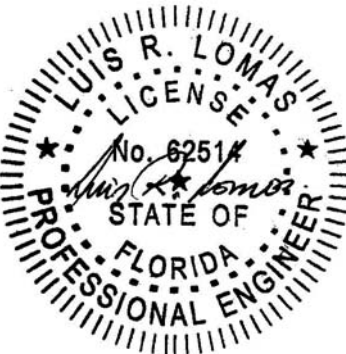
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DATE 12/03/2020

SHEET 1 OF 7

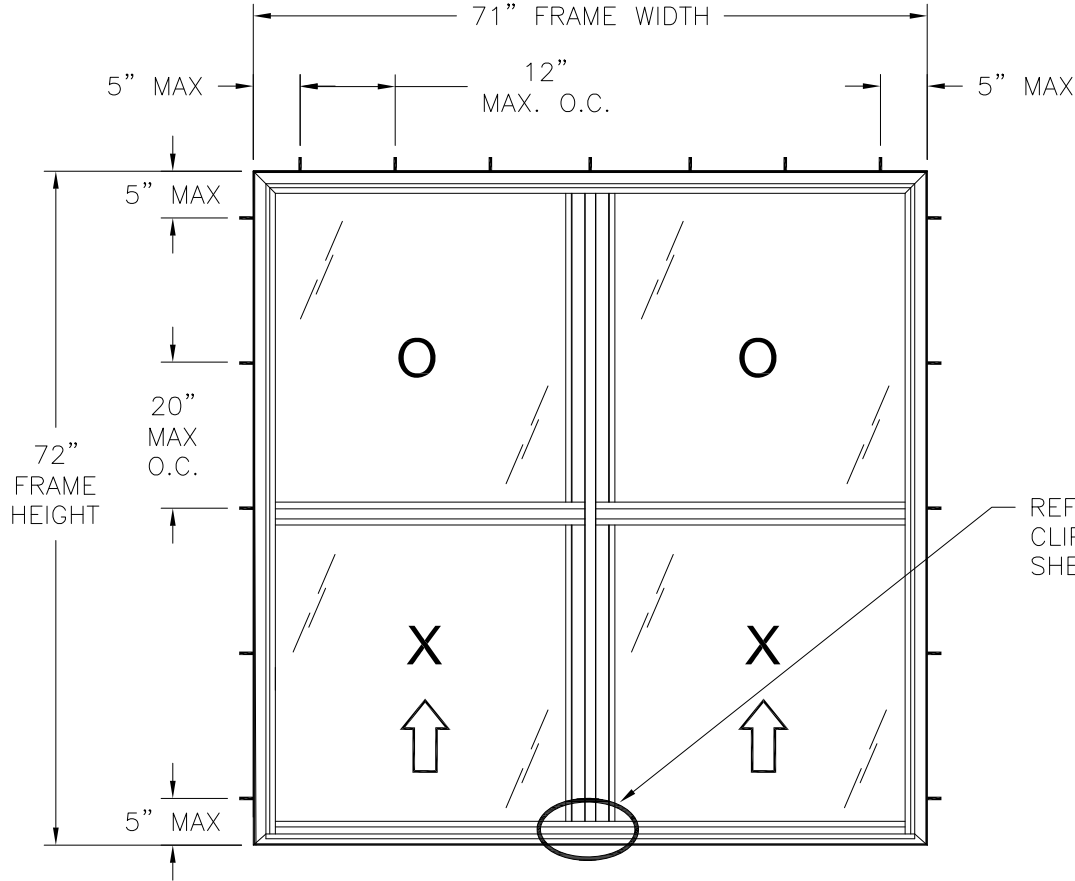
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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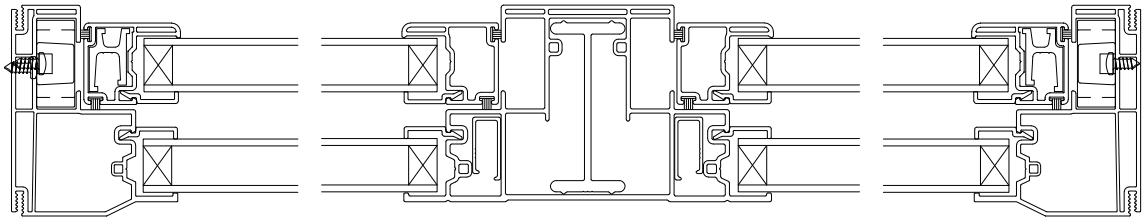


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FL No.: 62514

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- NOTES:
1. SASH SIZE: 33 3/8" X 34 3/4"
 2. SASH D.L.O.: 30 11/16" X 32"
 3. FIXED D.L.O.: 30 11/16" X 31 7/8"



HORIZONTAL CROSS SECTION

Chart #1
Maximum Design pressure (psf)

Frame Height (in)	Frame Width (in)											
	54.0		60.0		66.0		71.0		72.0		78.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
30.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
36.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
42.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
48.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0
54.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	74.8	50.0	74.3	50.0	71.6
60.0	50.0	75.0	50.0	71.3	50.0	67.1	50.0	64.2	50.0	63.7	50.0	61.0
66.0	50.0	67.9	50.0	62.9	50.0	58.9	50.0	56.2	50.0	55.7	-	-
72.0	50.0	61.0	50.0	56.3	50.0	52.6	50.0	50.0	-	-	-	-
78.0	49.1	49.1	44.7	44.7	-	-	-	-	-	-	-	-
84.0	39.1	39.1	35.5	35.5	-	-	-	-	-	-	-	-
90.0	31.6	31.6	-	-	-	-	-	-	-	-	-	-

200 VINYL TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR OTHER SIZES APPROVED. SEE CHART #1 THIS SHEET

HARDWARE SCHEDULE	
A.	PVC CAM ACTION LOCKS, 4" FROM EACH END OF SASH TOP RAIL
B.	PVC SPRING LOADED TILT LATCH AT EACH END OF SASH TOP RAIL
C.	METALLIC PIVOT BAR AT EACH END OF SASH BOTTOM RAIL
D.	ALUMINUM REINFORCEMENT (10635) IN FIXED INTERLOCK
E.	ALUMINUM REINFORCEMENT (731-A) IN SASH STILES
F.	ALUMINUM REINFORCEMENT (11175 WITH 731-A) IN T-MULLION

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NON-IMPACT 71" X 72"
ELEVATIONS

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SHEET
2 OF 7

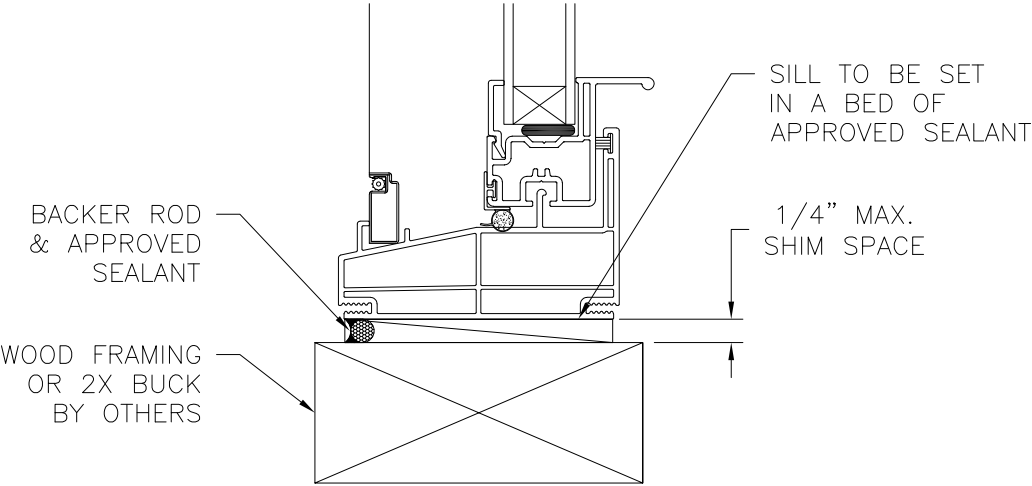
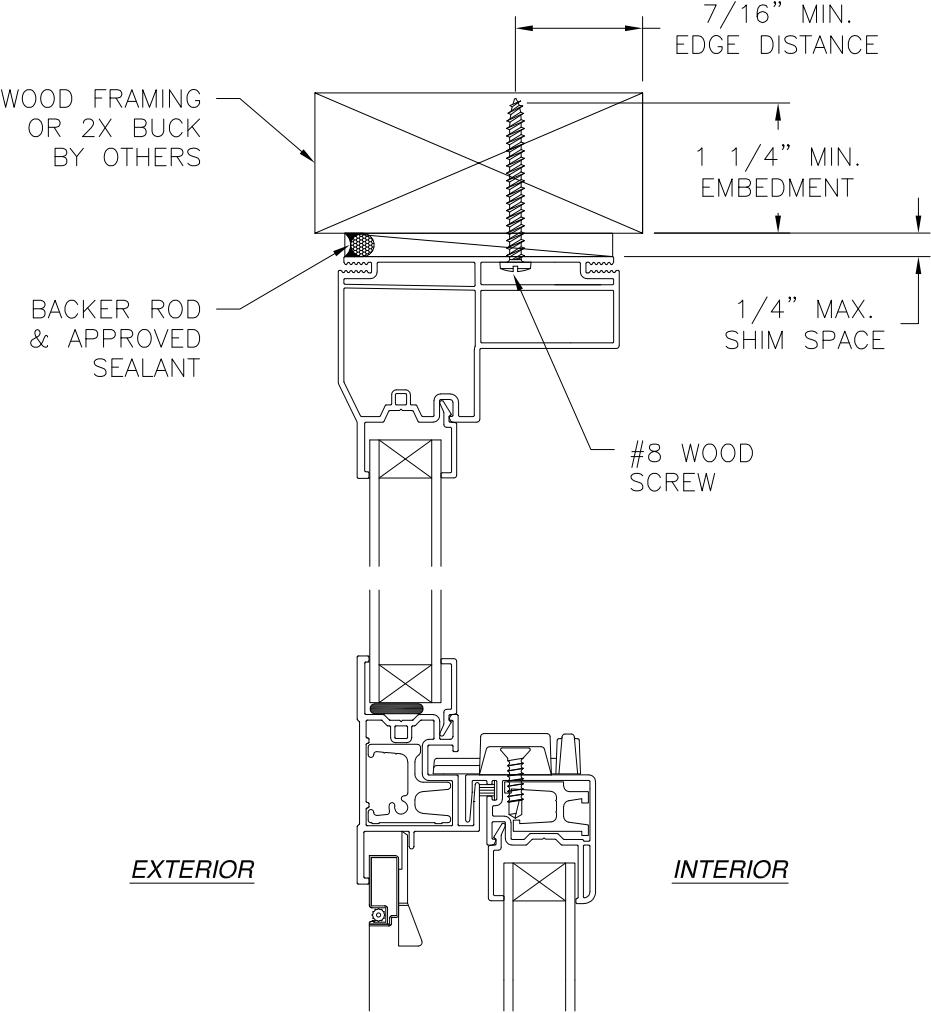
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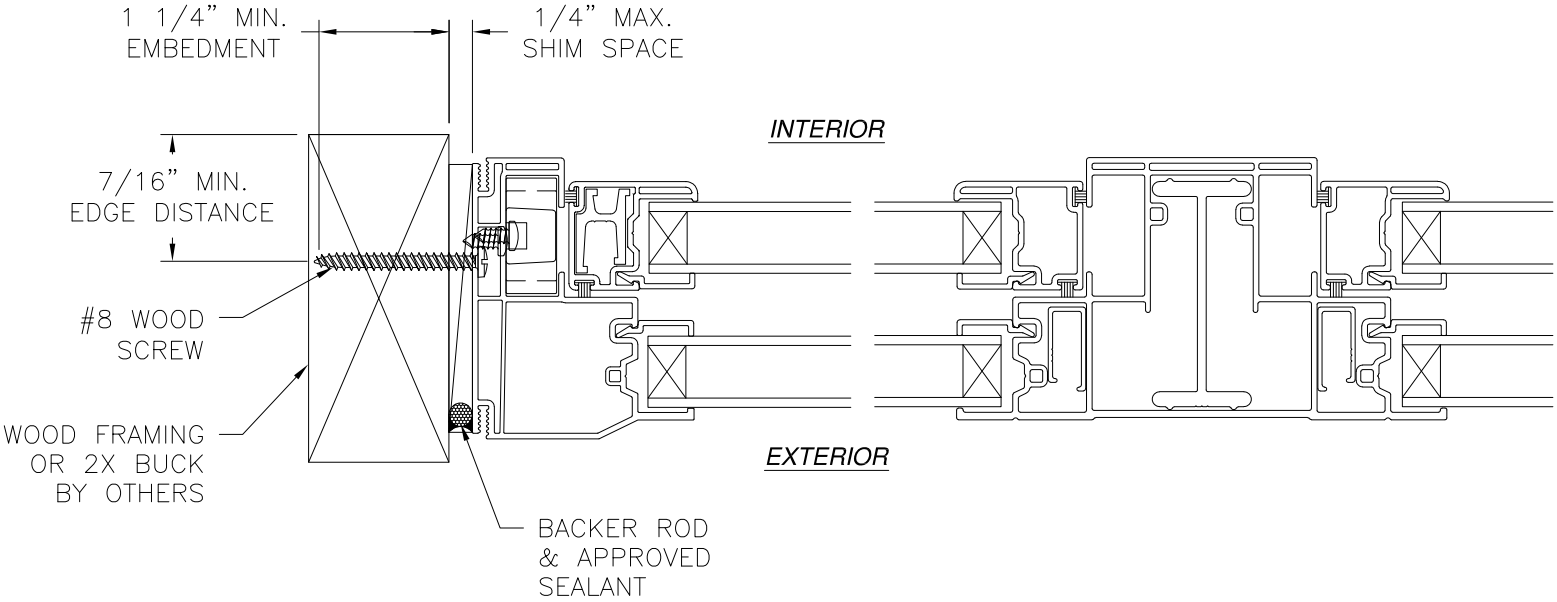


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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*

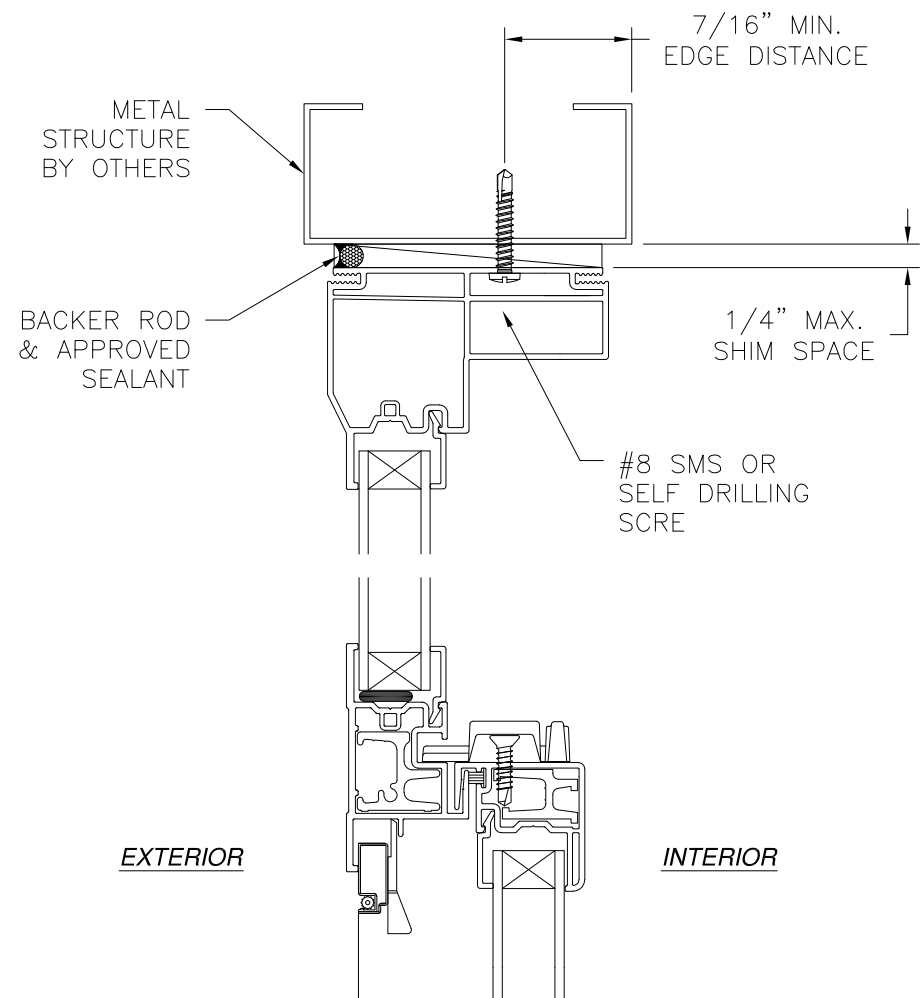
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200 VINYL TWIN SINGLE HUNG WINDOW CHS NON-IMPACT 71" X 72" INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03932	REV A
SCALE NTS	DATE 12/03/2020	SHEET 3 OF 7
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



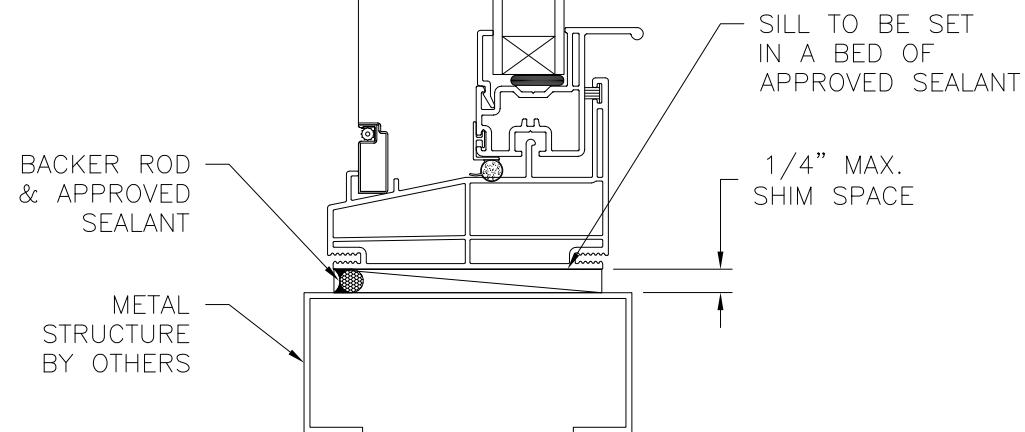
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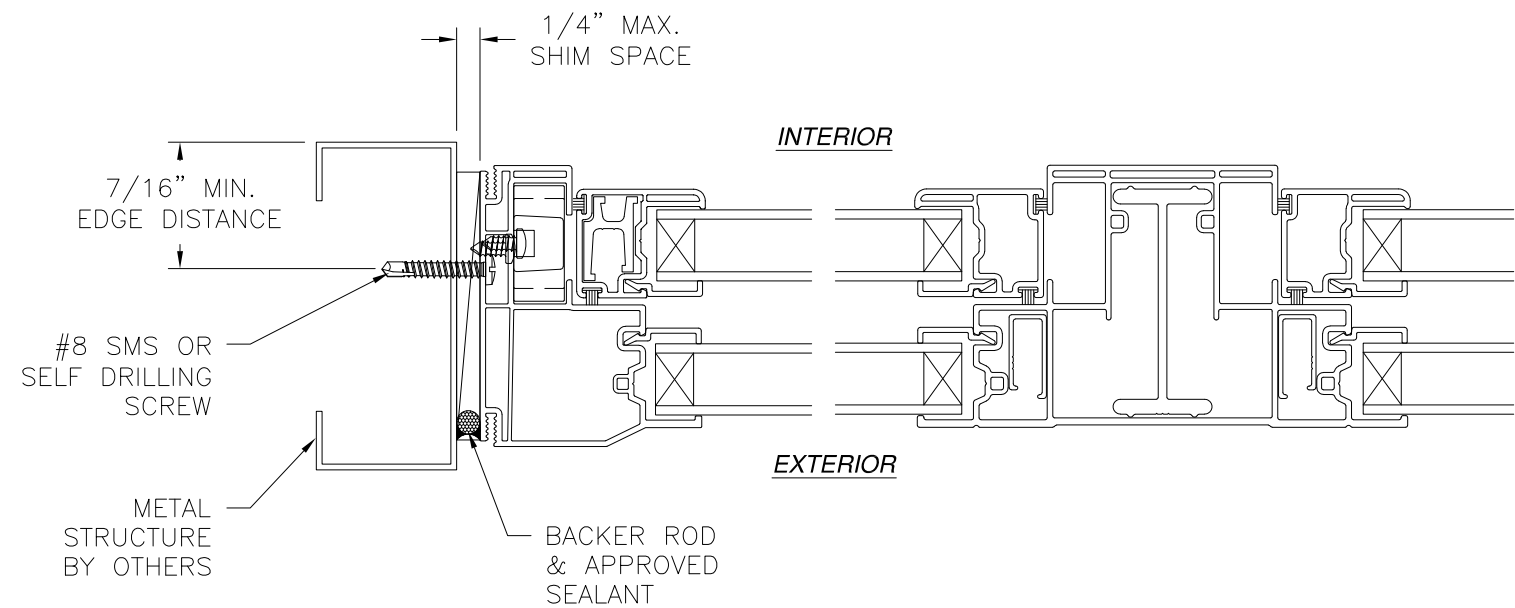


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

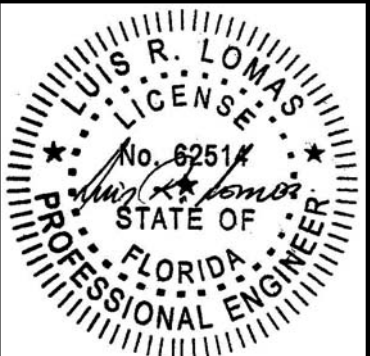
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

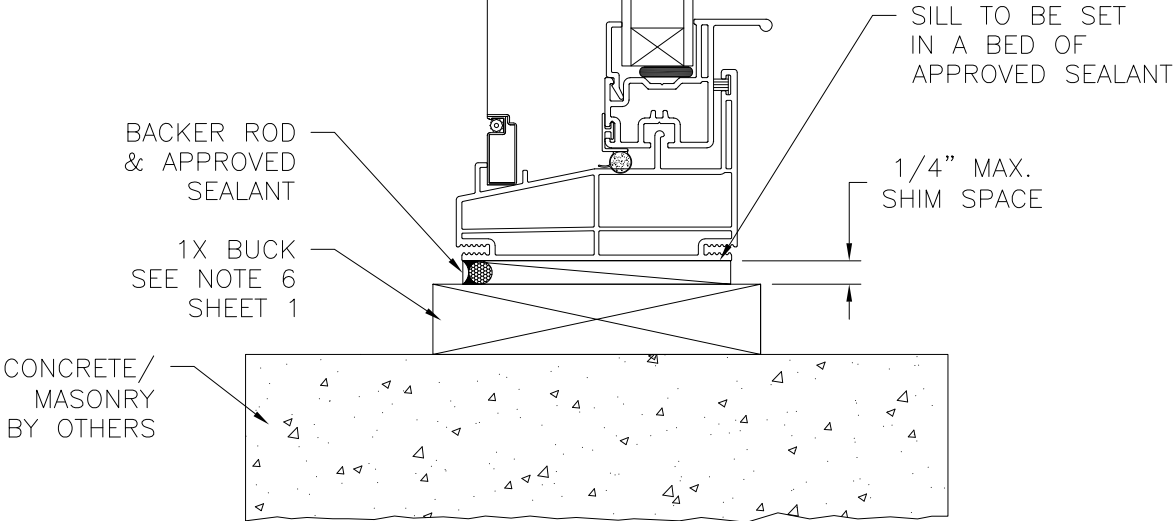
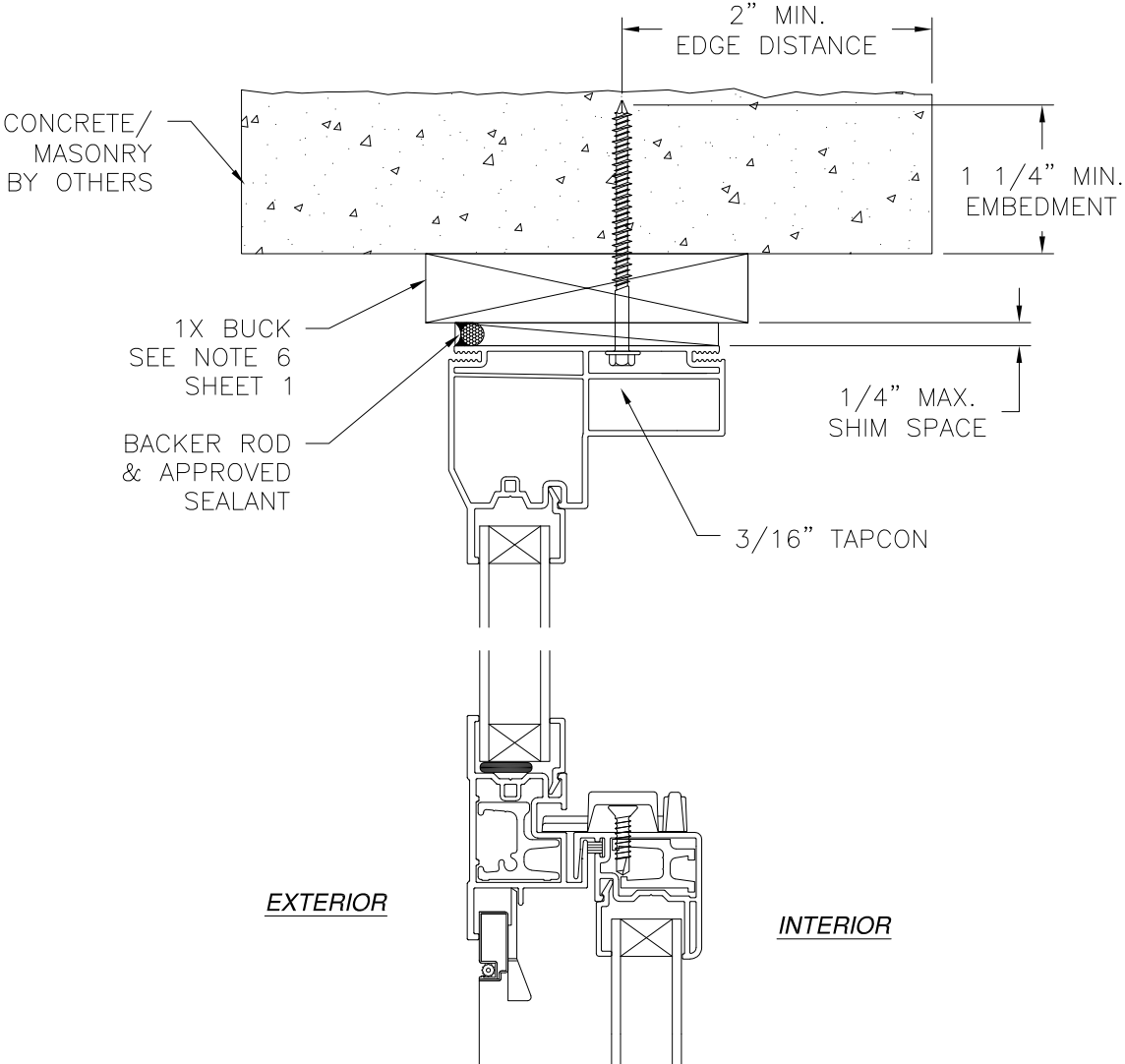
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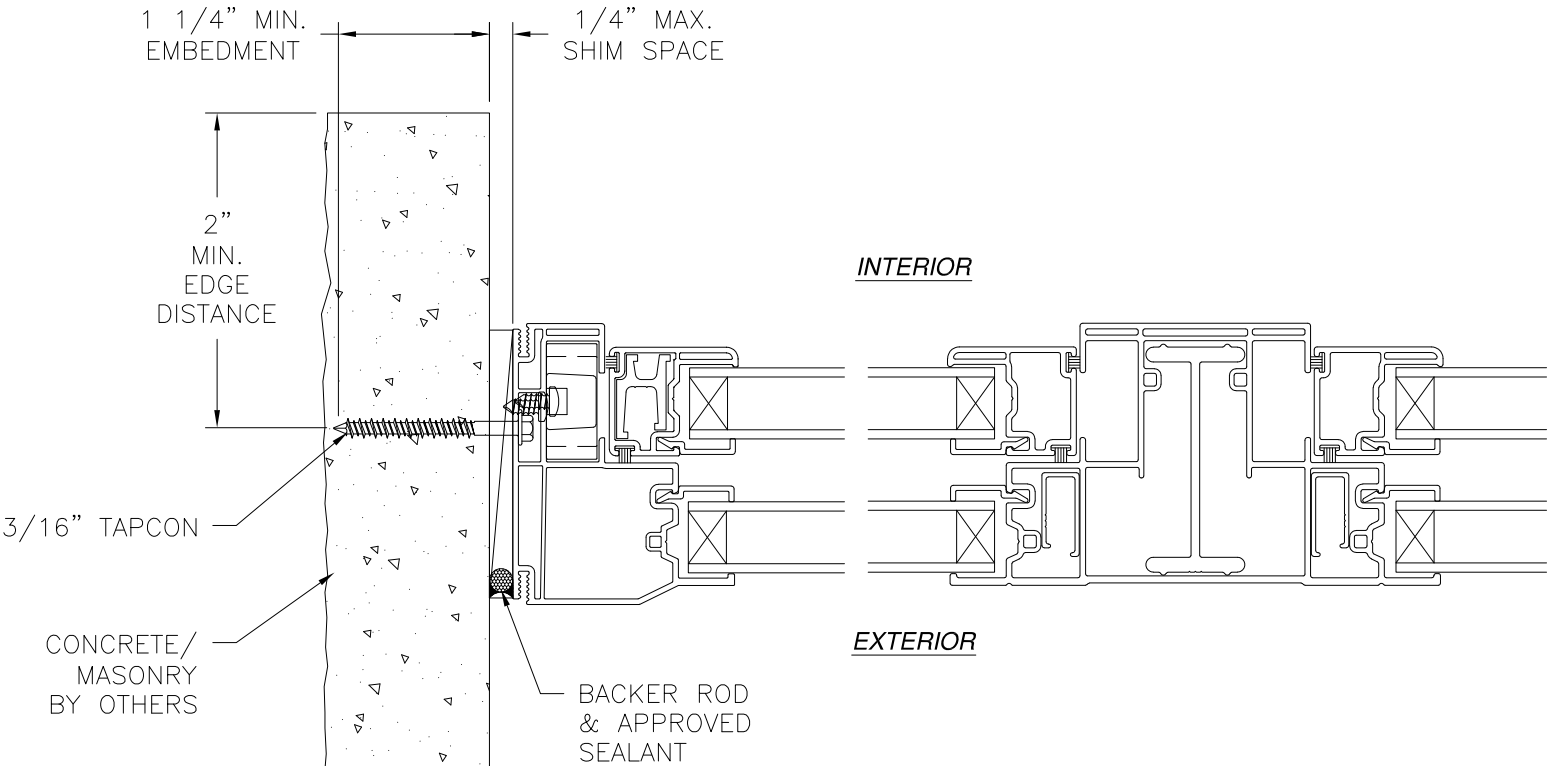


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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAILS



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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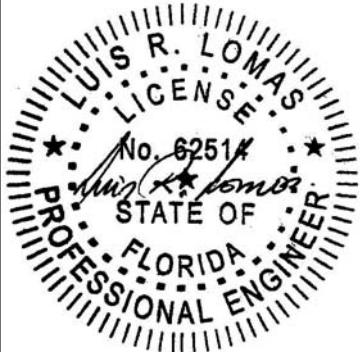
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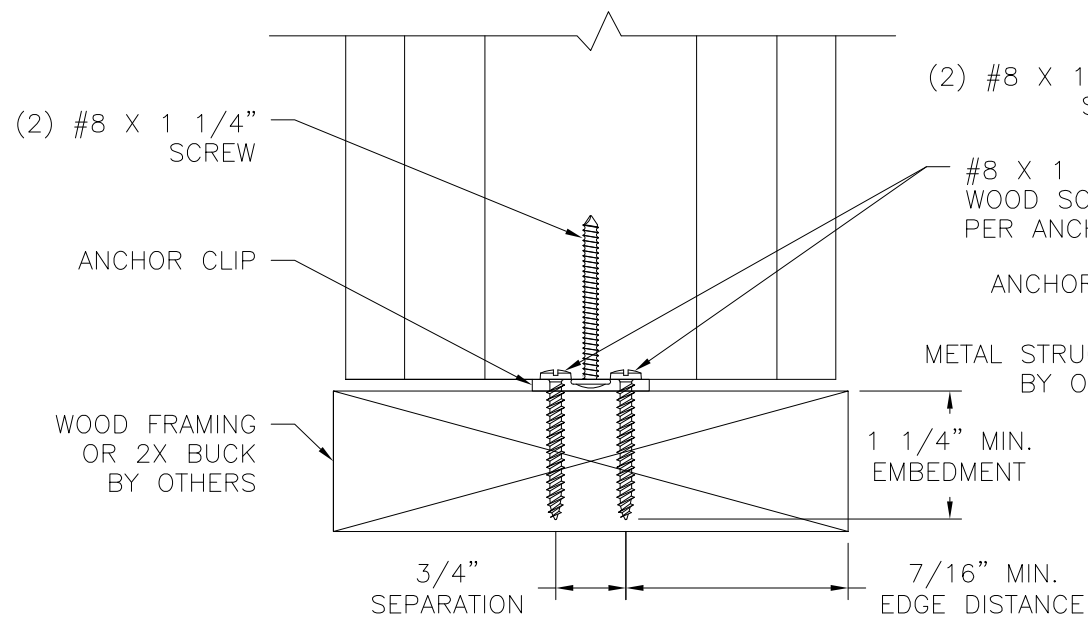
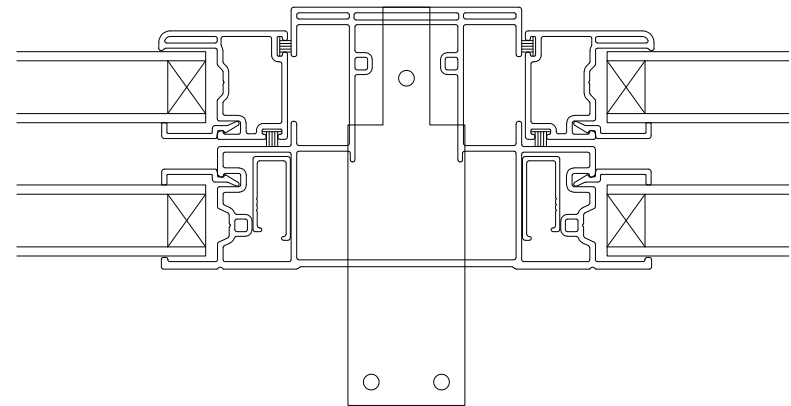
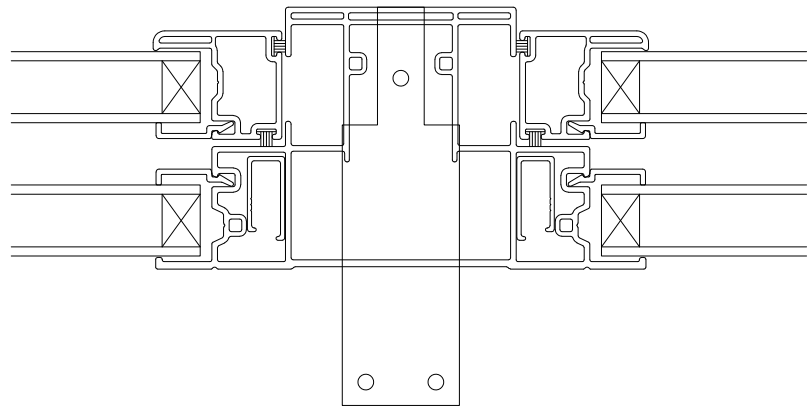
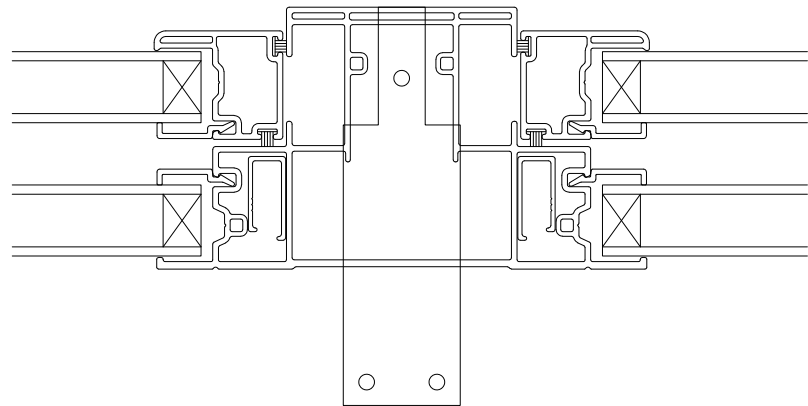
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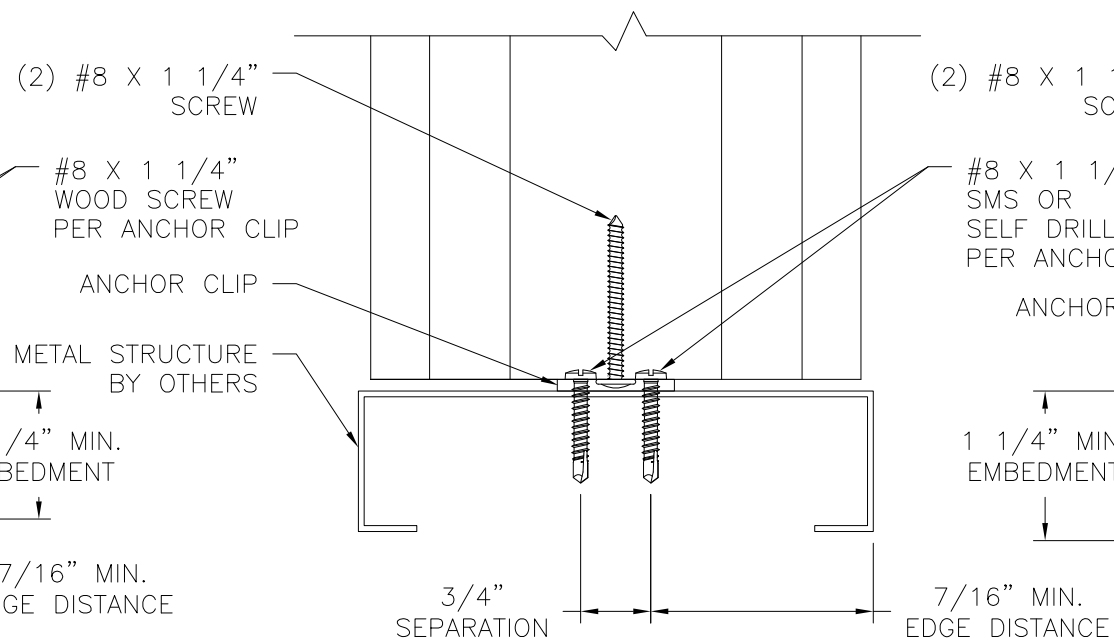


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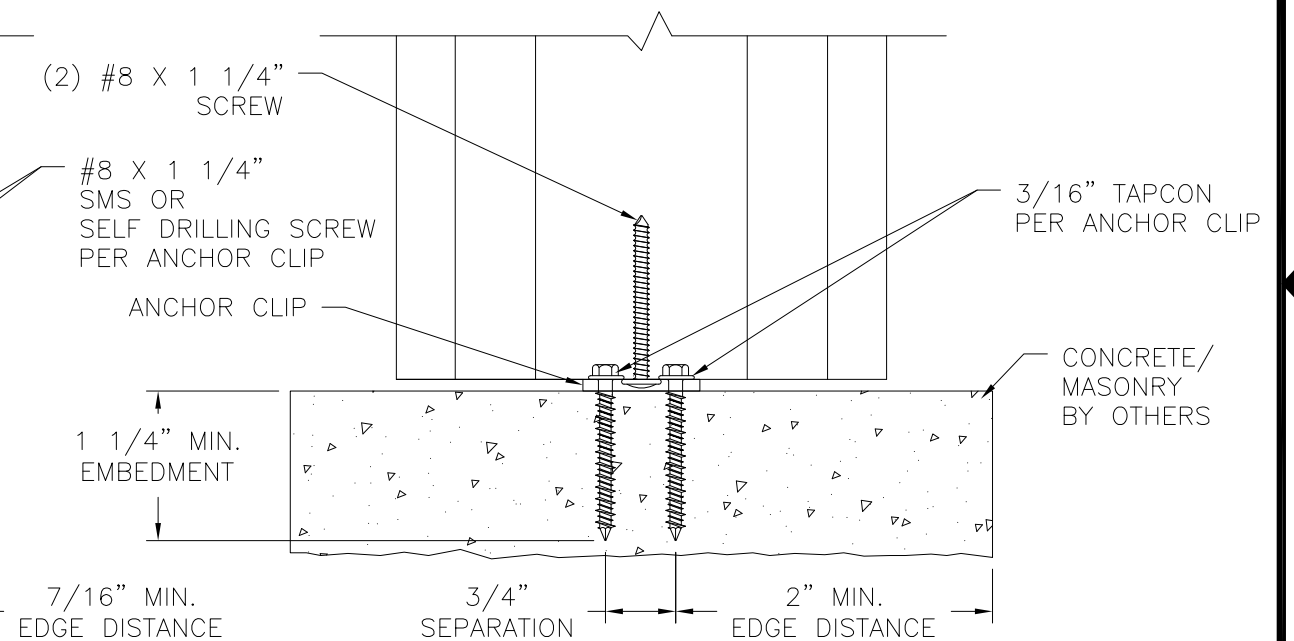
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VERTICAL MULLION ANCHOR CLIP DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL MULLION ANCHOR CLIP DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL MULLION ANCHOR CLIP DETAIL
CONCRETE/MASONRY INSTALLATION

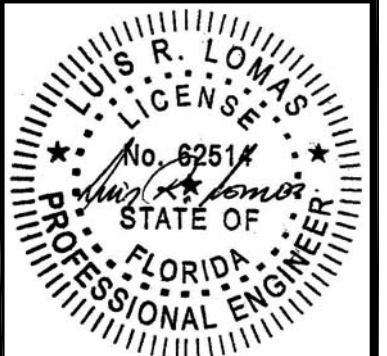
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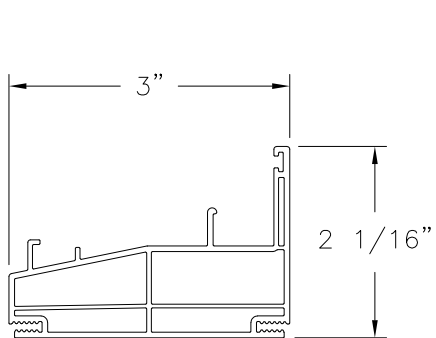
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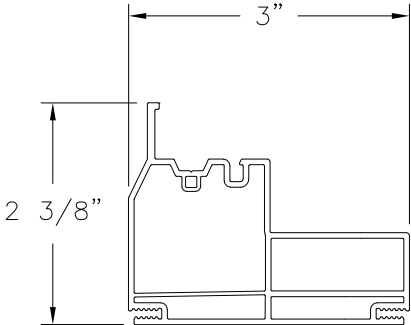


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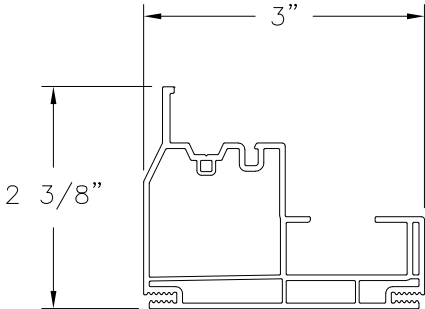
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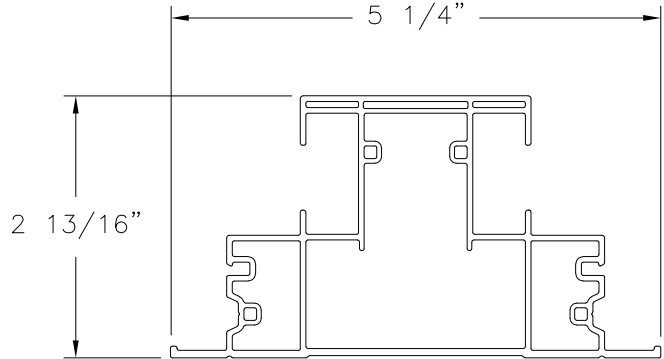
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EXTRUDED RIGID PVC



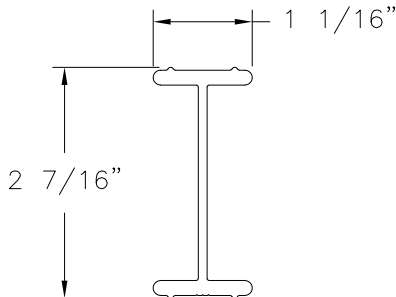
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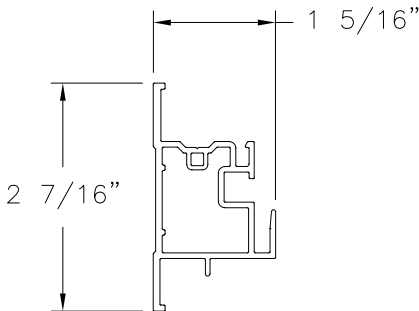
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EXTRUDED RIGID PVC



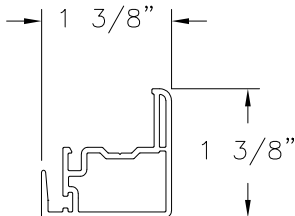
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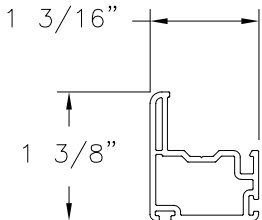
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ALUMINUM



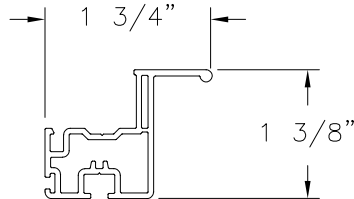
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EXTRUDED RIGID PVC



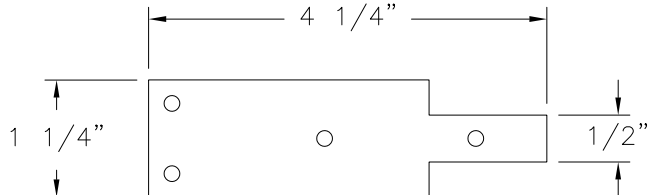
LOCK RAIL (9006)
EXTRUDED RIGID PVC



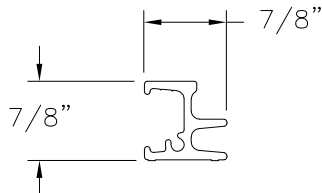
SASH STILE (9008)
EXTRUDED RIGID PVC



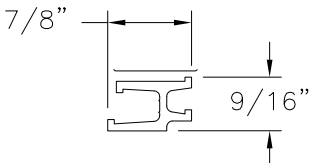
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EXTRUDED RIGID PVC



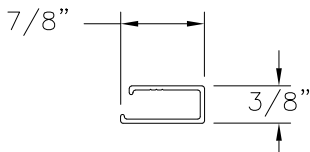
ANCHOR CLIP
ALUMINUM 6061-T6



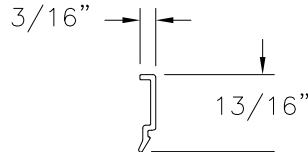
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ALUMINUM 6005-T5



LOCK RAIL/STILE REINFORCEMENT (10712)
ALUMINUM 6005-T5



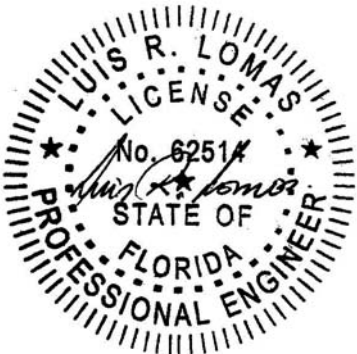
T-MULLION REINFORCEMENT (731-A)
ALUMINUM 6063-T5



GLAZING BEAD
EXTRUDED RIGID PVC

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