

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED TO CURRENT FBC	9/12/2025	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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 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".
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 FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FIN 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 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 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 #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:
 - 19.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 19.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 19.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 19.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM

FL 46423

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EASTERN ARCHITECTURAL SYSTEMS

A DIVISION OF

CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE

FORT MYERS, FL 33912

800-432-2204

SERIES 143.095 SH

VINYL SINGLE HUNG WINDOW

NOTES

DRAWN: R.L.

DWG NO. 08-03992

REV A

SCALE NTS

DATE 12/19/23

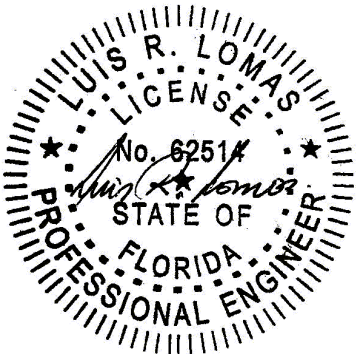
SHEET 1 OF 11

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

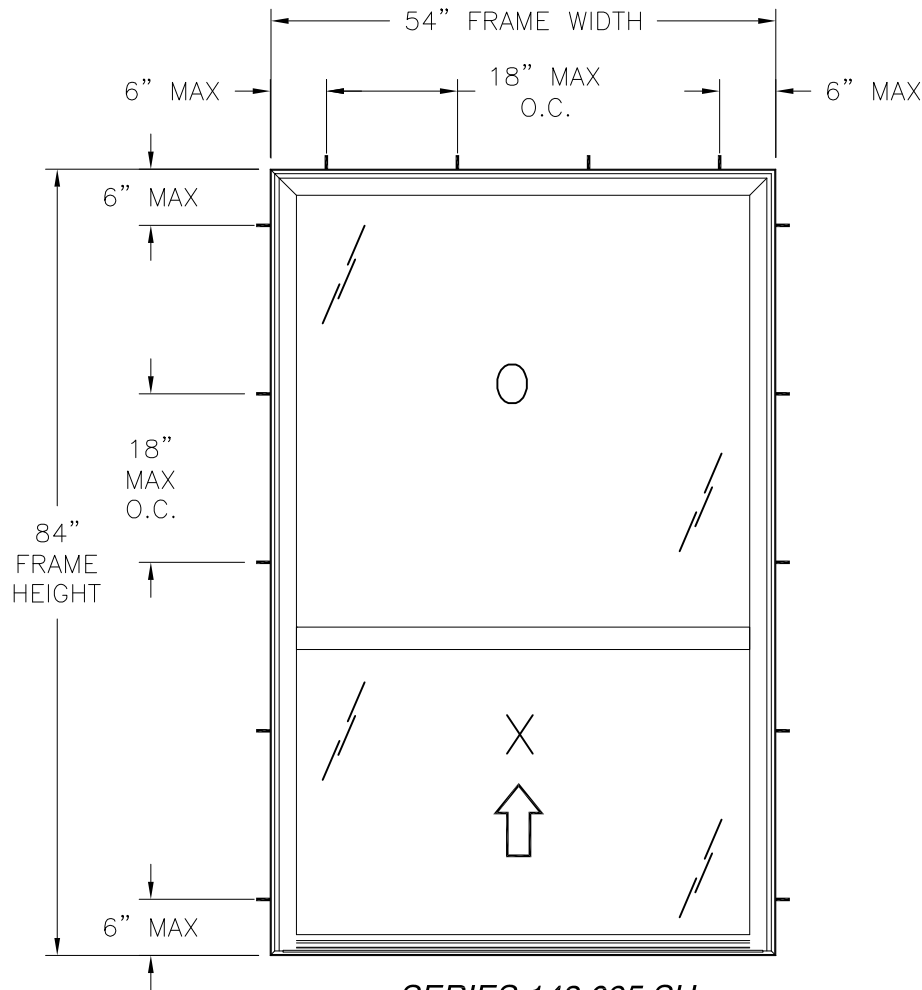
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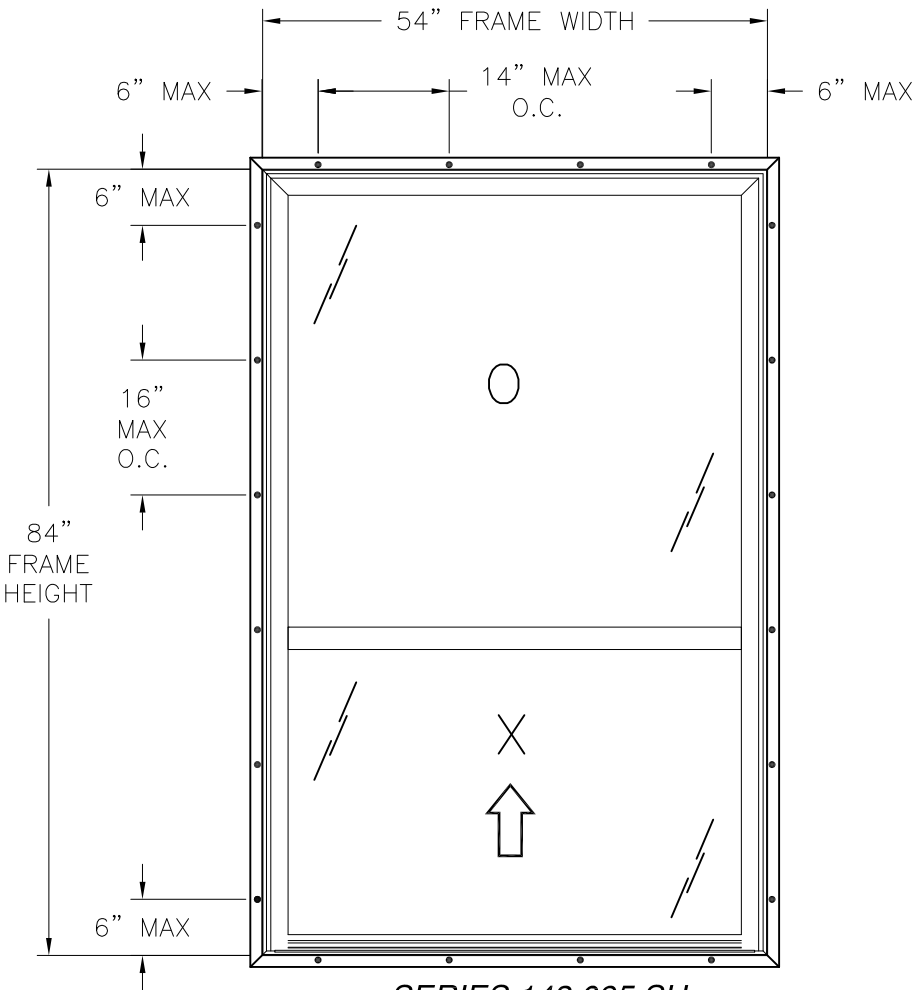


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SERIES 143.095 SH
FINLESS INSTALLATION
EXTERIOR VIEW



SERIES 143.095 SH
FIN INSTALLATION
EXTERIOR VIEW

- NOTES:
- 1. SASH SIZE: 50-3/4" x 33-11/16"
 - 2. FIXED D.L.O.: 48-7/8" x 46-1/8"

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

HARDWARE SCHEDULE	
A.	(2) DIE CAST PIVOT BARS AT EACH CORNER OF LIFT RAIL
B.	(2) ALUMINUM HURRICANE CLIPS AT EACH END OF LOCK RAIL
C.	(2) DIE CAST TILT LATCHES AT LOCK RAIL OR TOP LIFT
D.	(2) DIE CAST LOCKS WITH KEEPERS 8" FROM EACH END OF LOCK RAIL
E.	(2) COIL BALANCES ON EACH JAMB, SASH TRACK
F.	ALUMINUM REINFORCEMENT (10300082), ALL SASH MEMBERS
G.	ALUMINUM REINFORCEMENT (10300084) AT FIXED MEETING RAIL
H.	ALUMINUM REINFORCEMENT (10300096) AT SILL

FL 46423



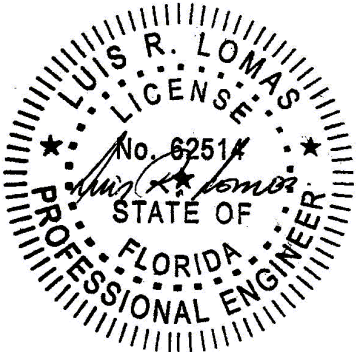
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ELEVATION

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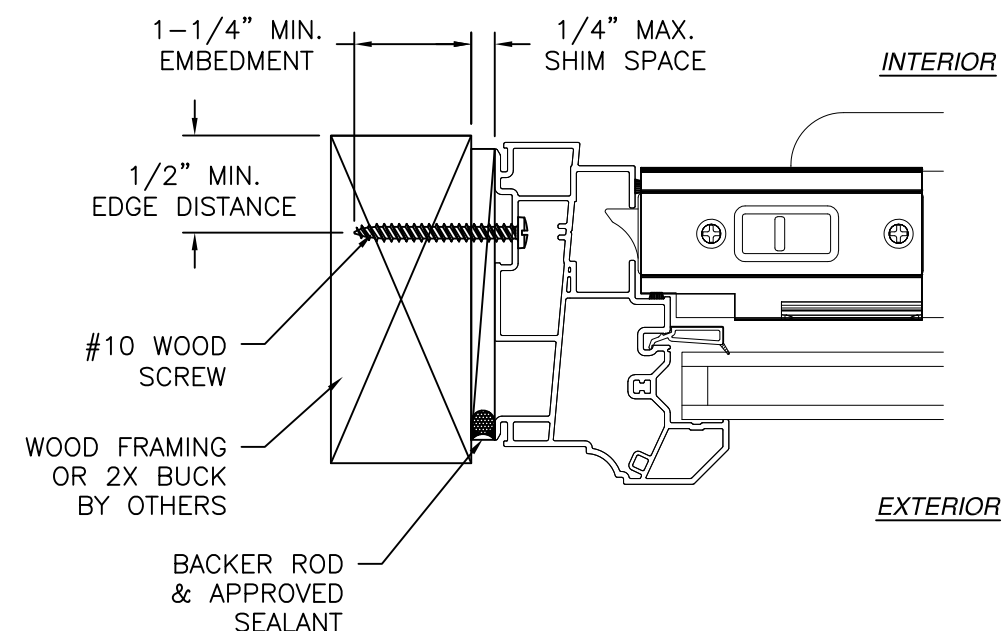
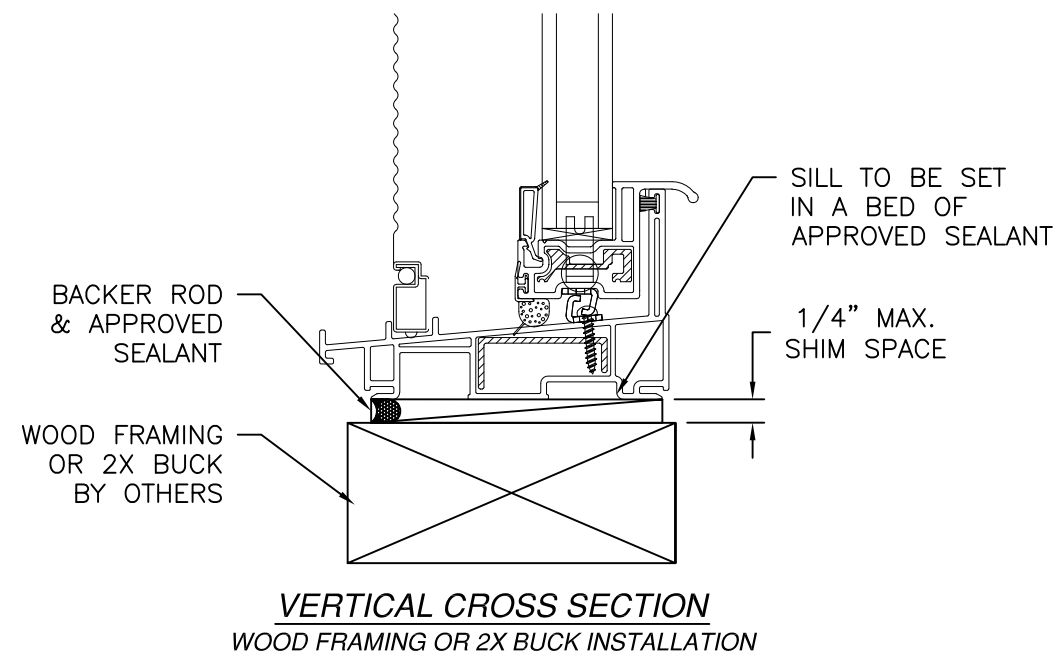
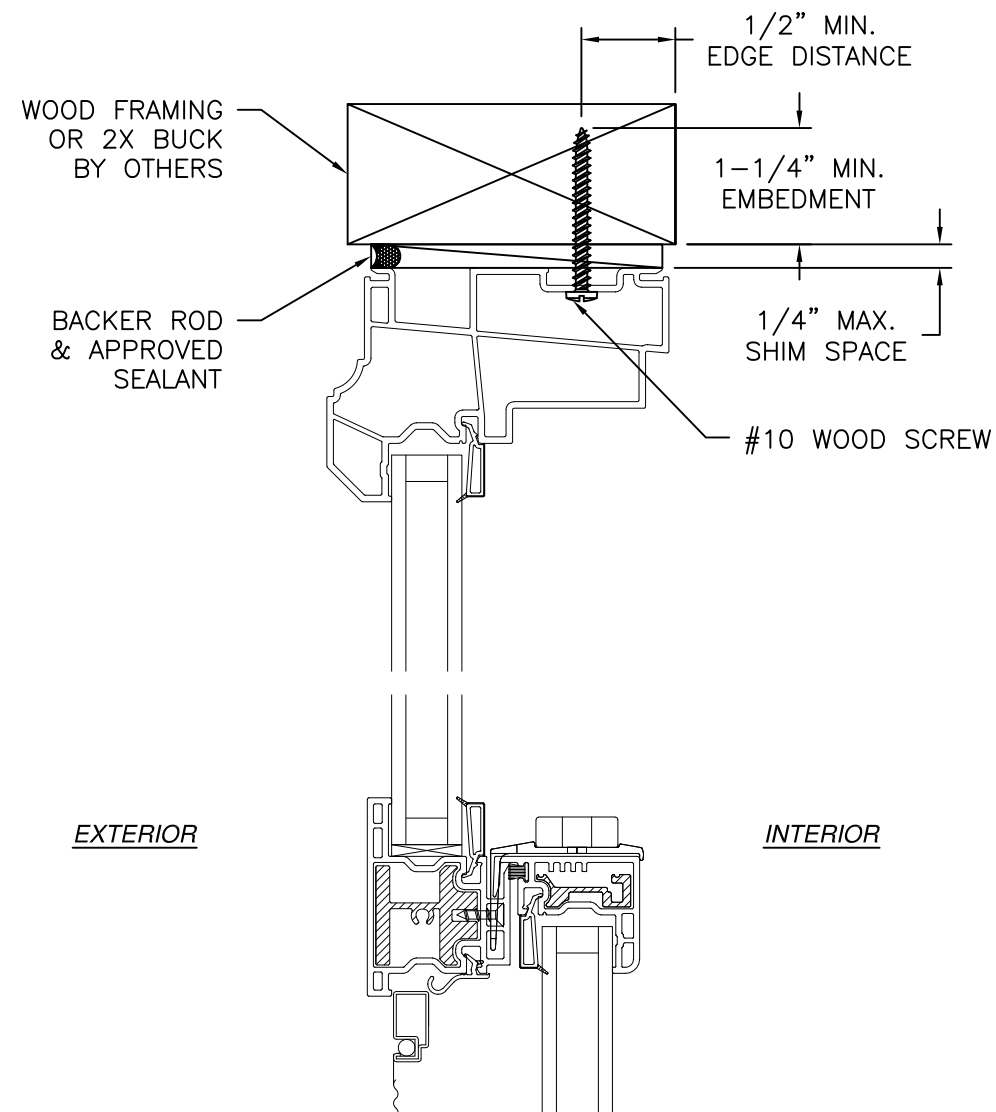
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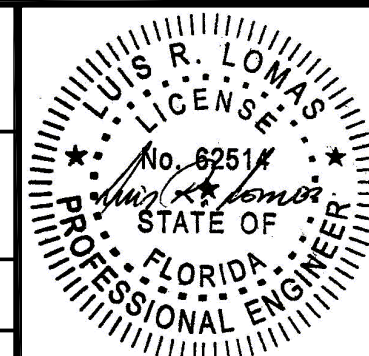
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

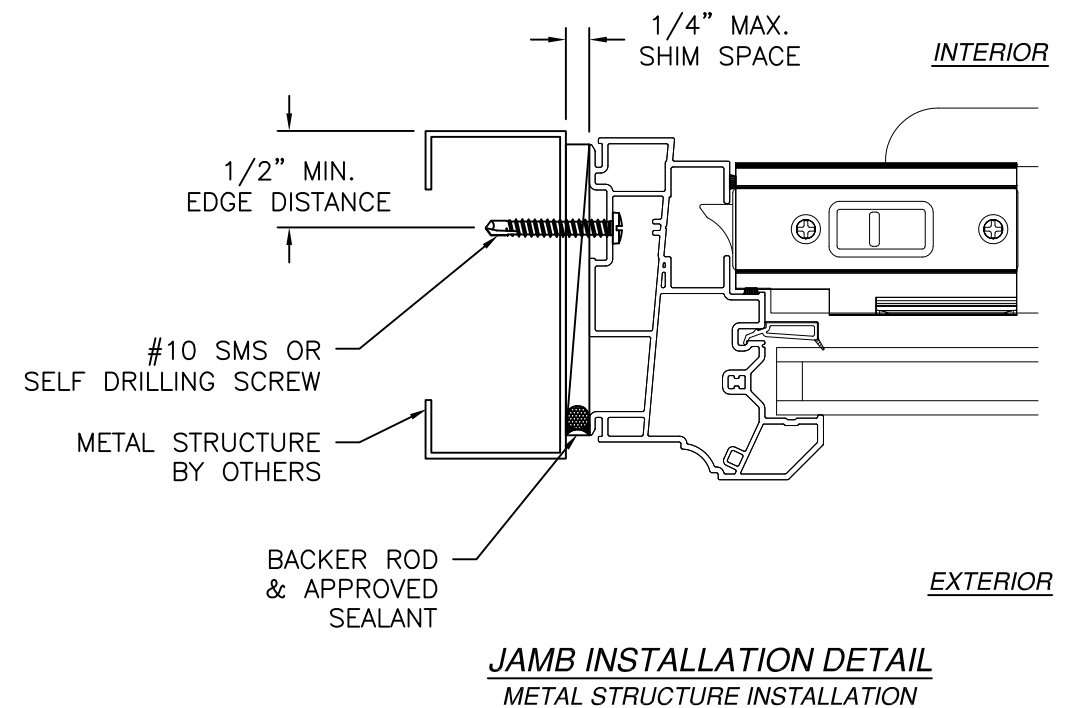
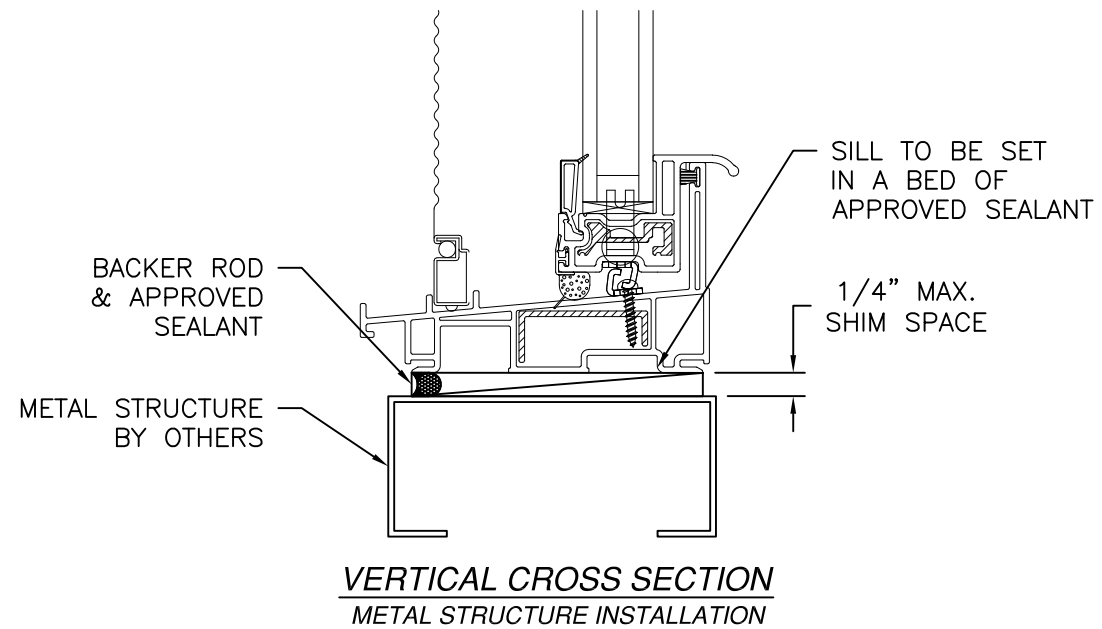
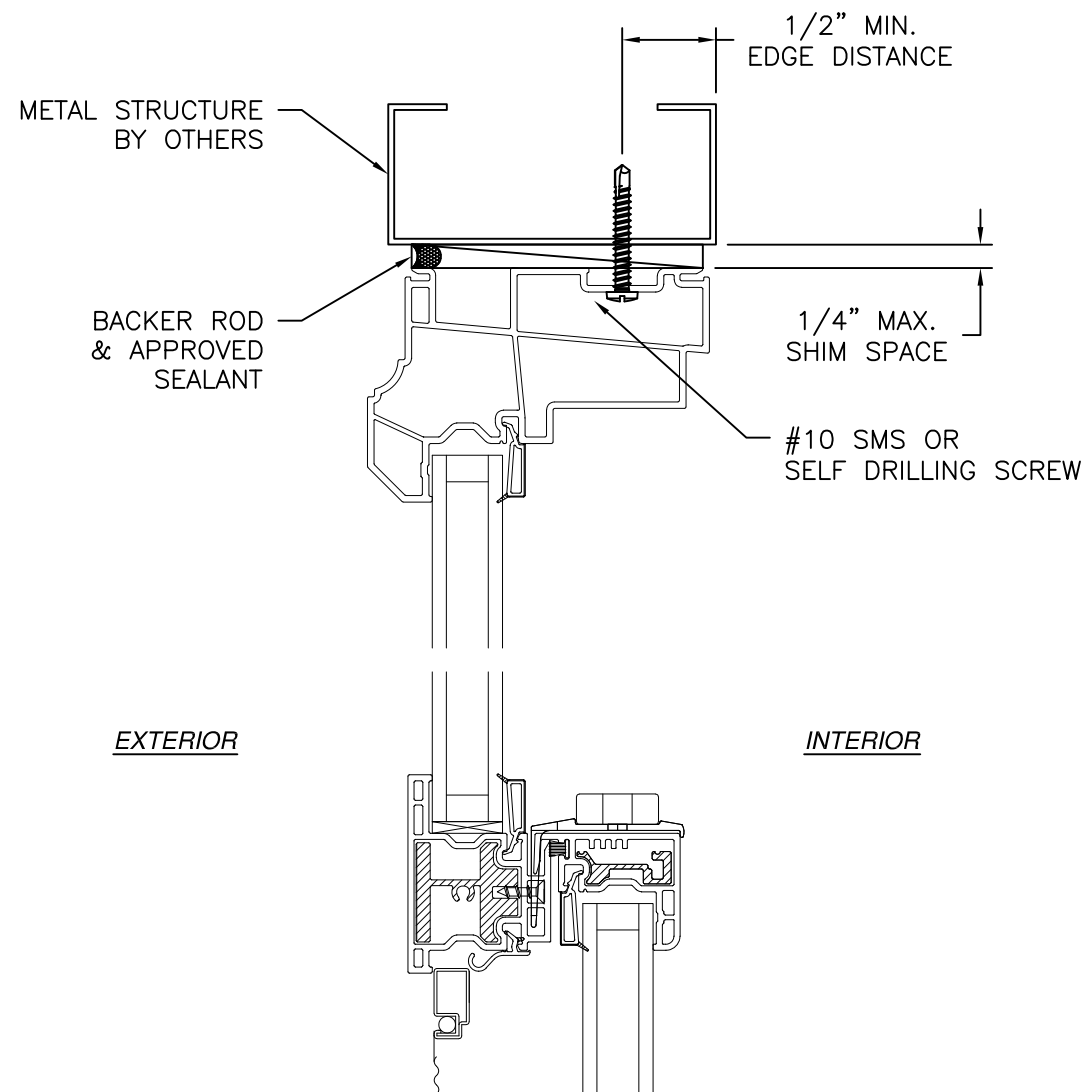
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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SERIES 143.095 SH VINYL SINGLE HUNG WINDOW FINLESS INSTALLATION DETAILS		
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SCALE NTS	DATE 12/19/23	SHEET 3 OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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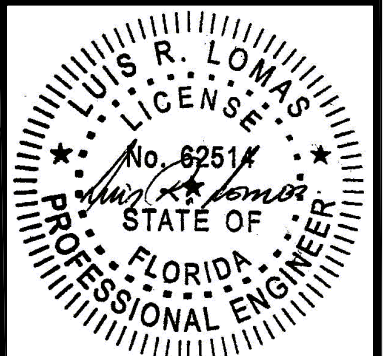


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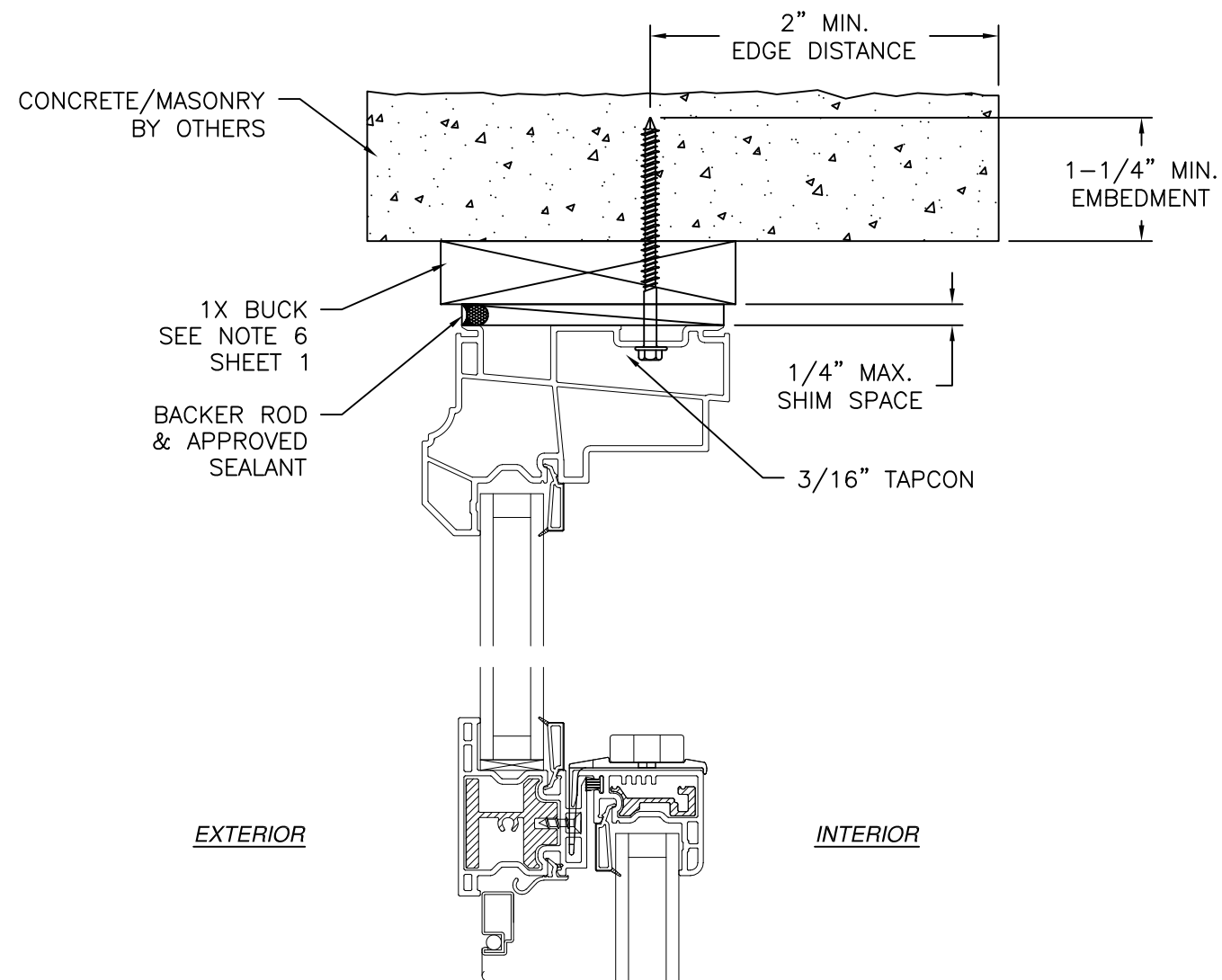
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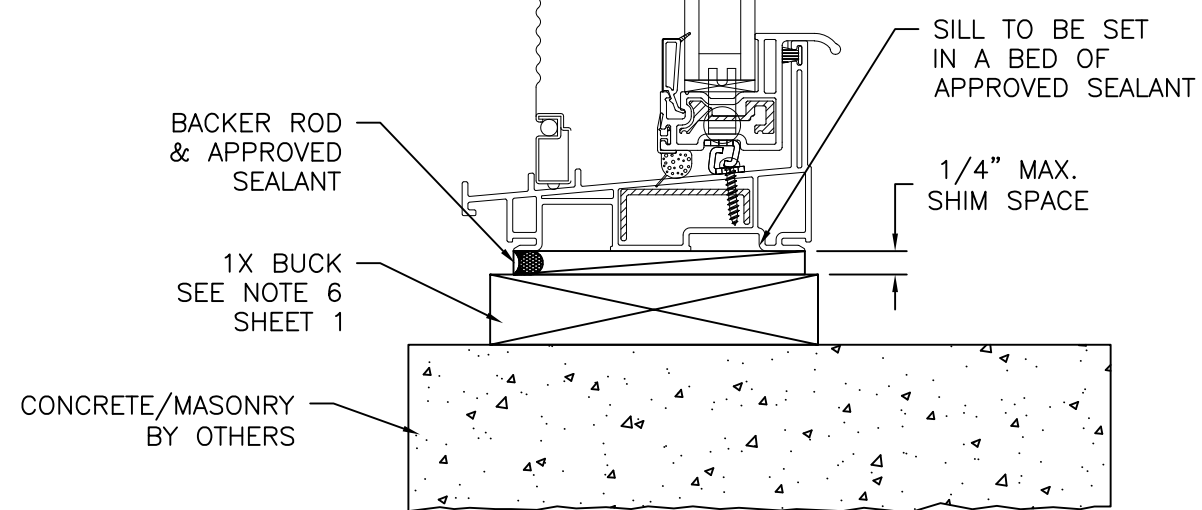


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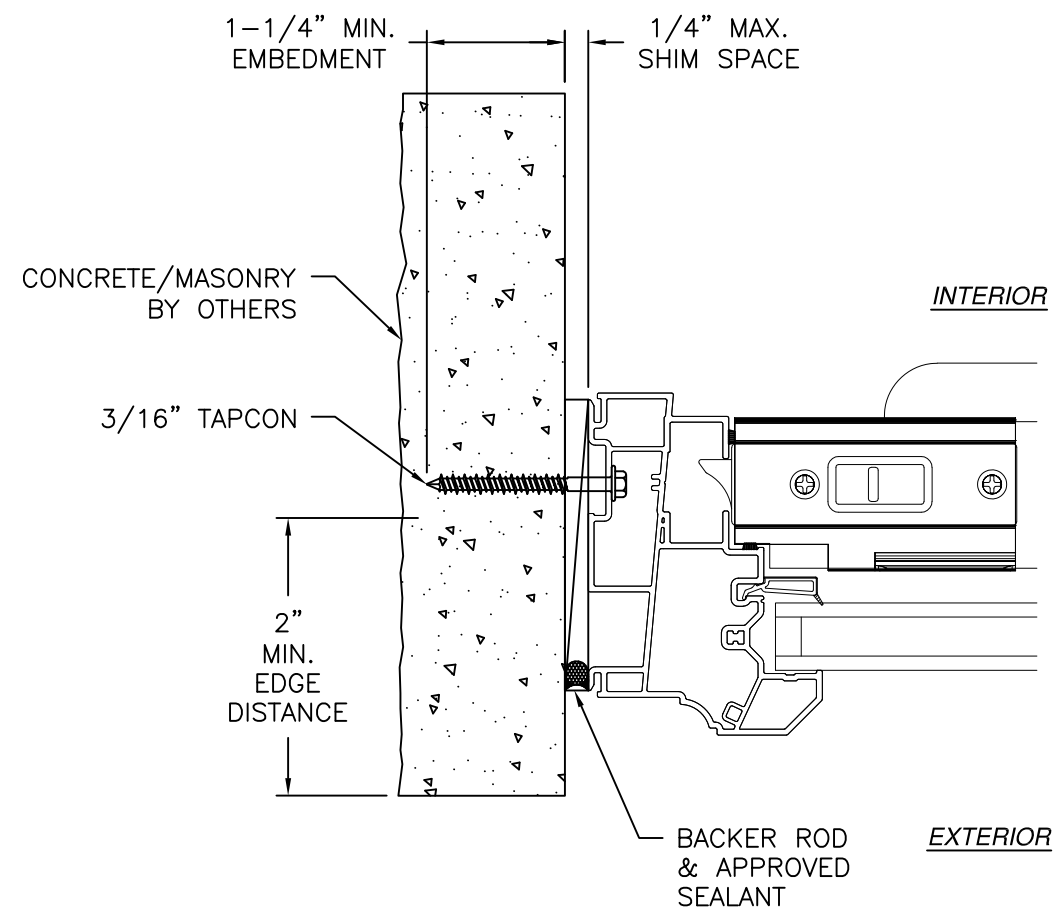
INTERIOR



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

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INTERIOR

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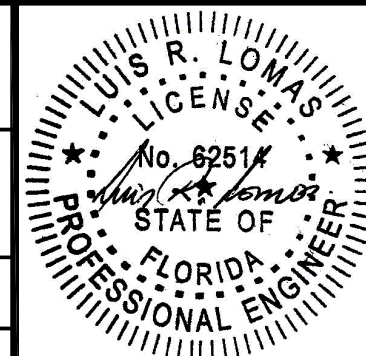
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CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
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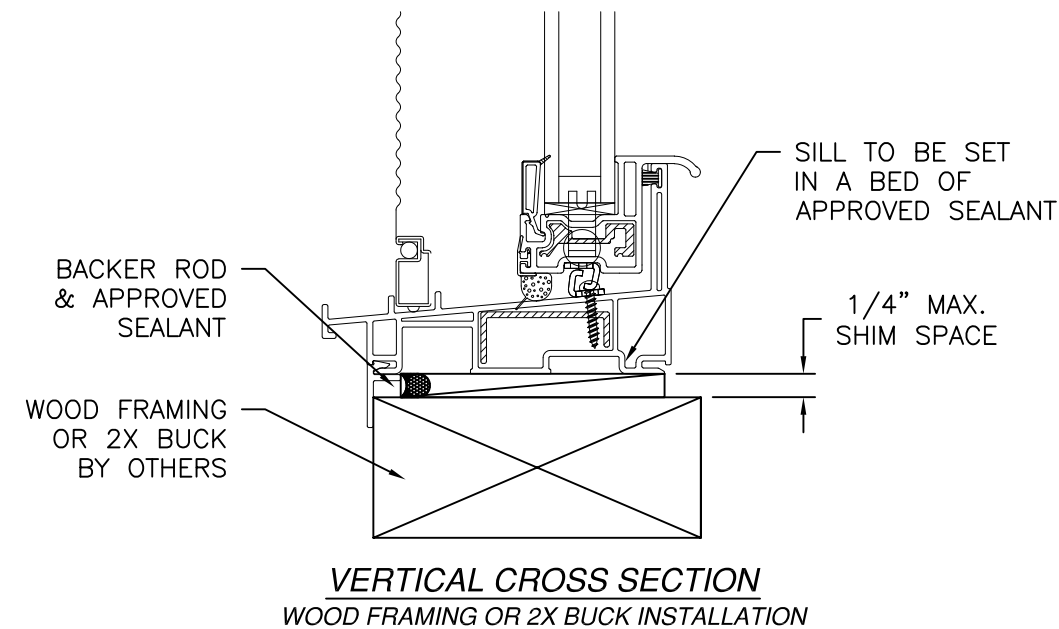
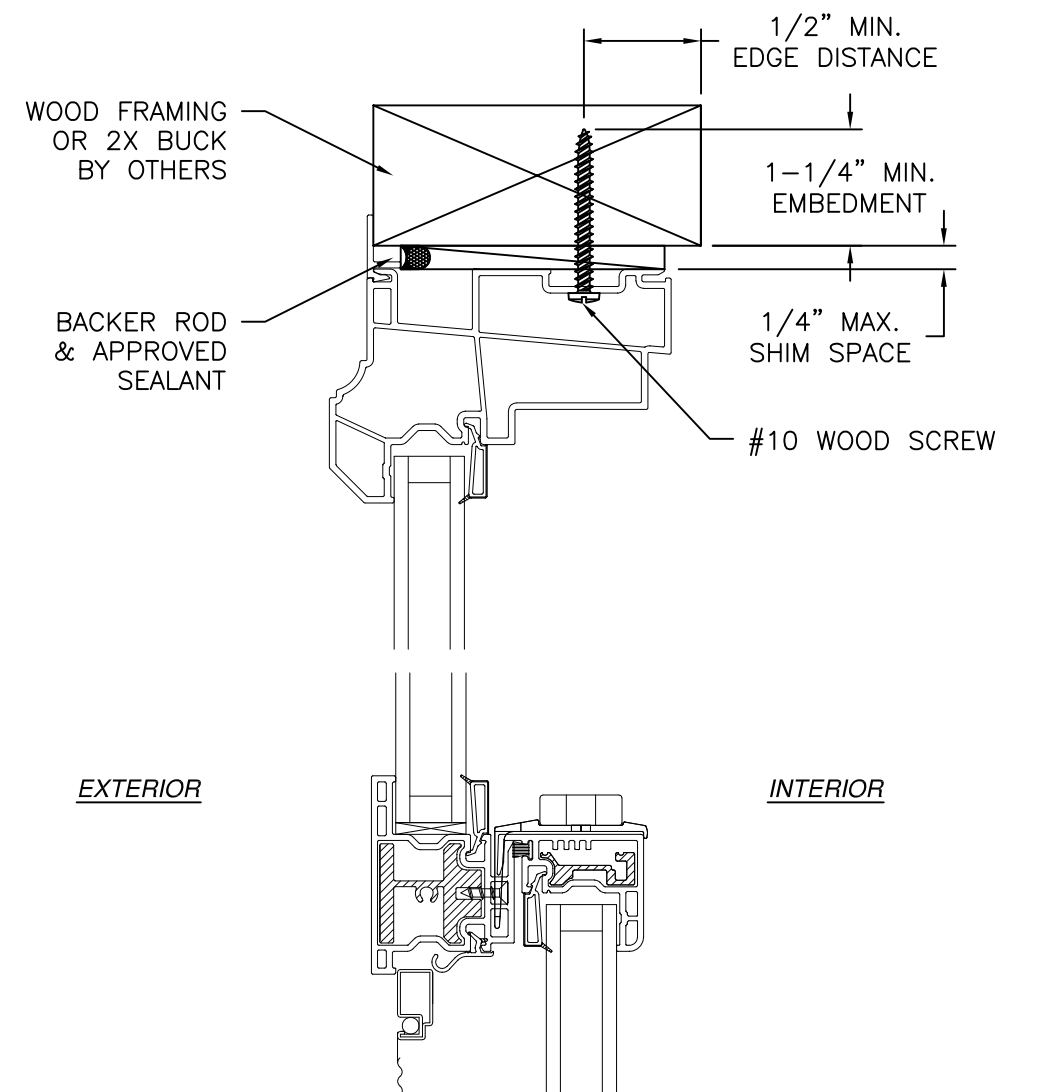
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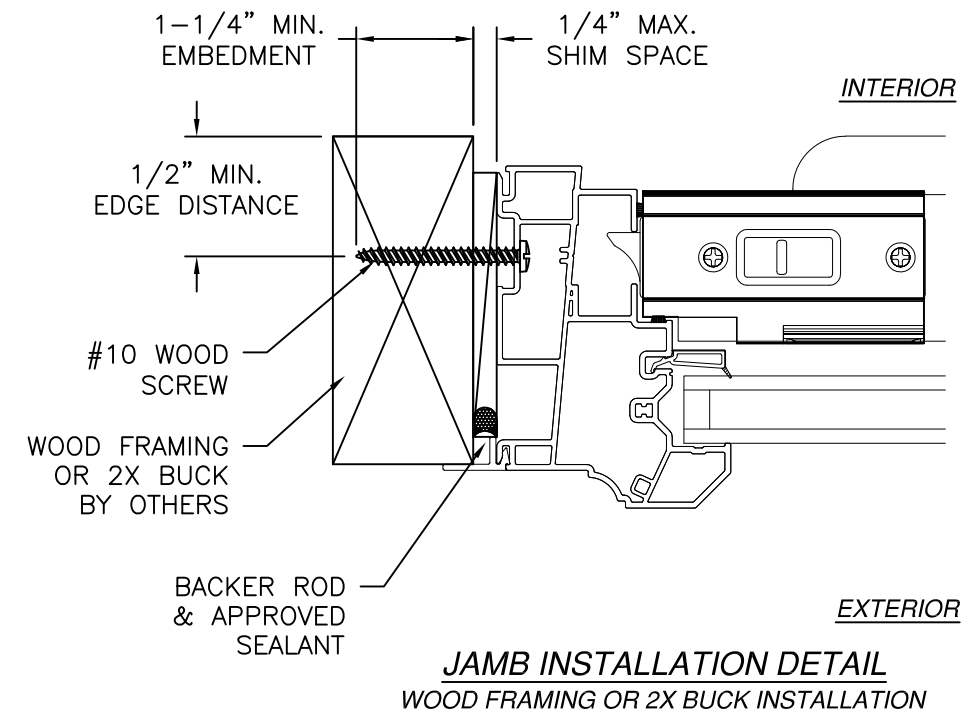
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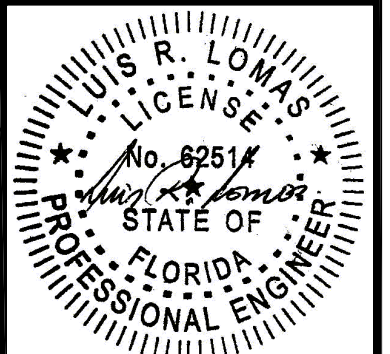
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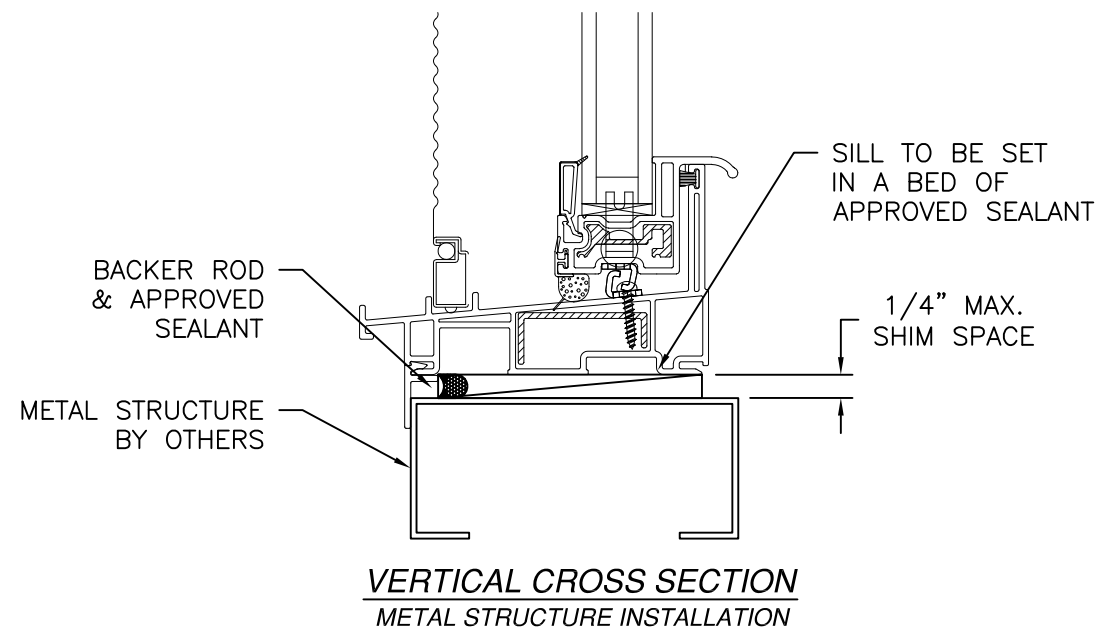
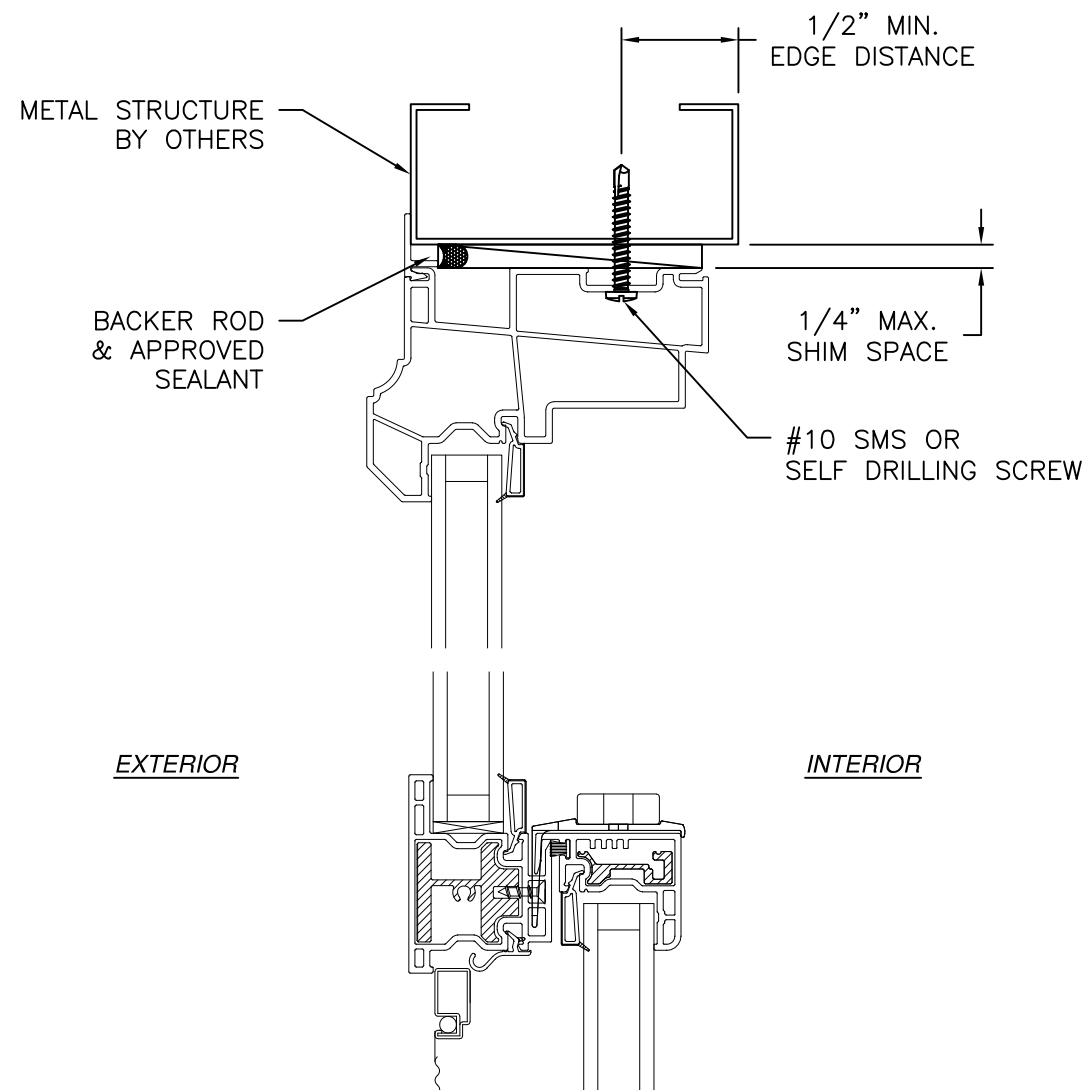
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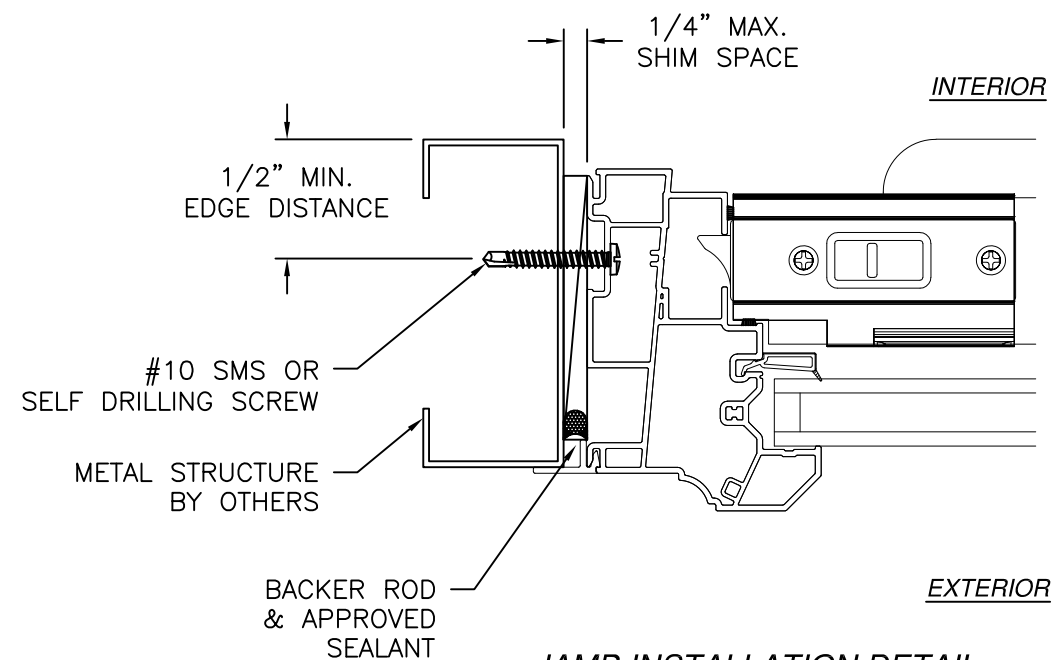


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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JAMB INSTALLATION DETAIL
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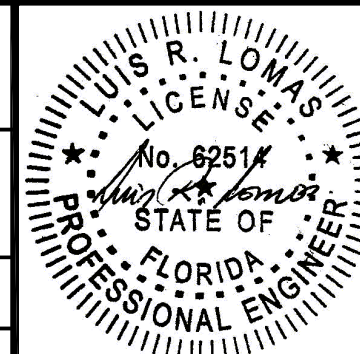
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FLANGE INSTALLATION DETAILS

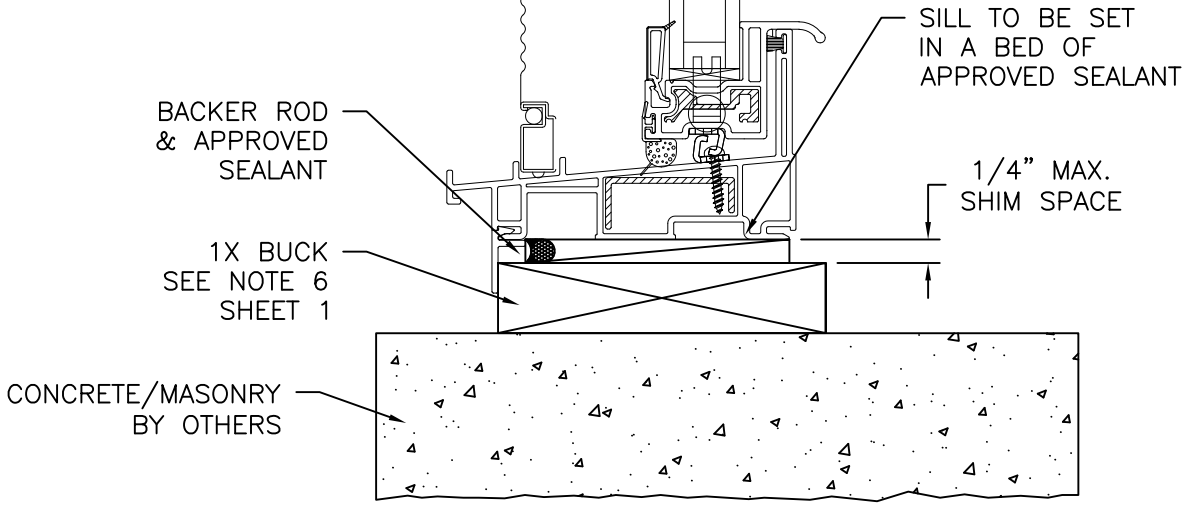
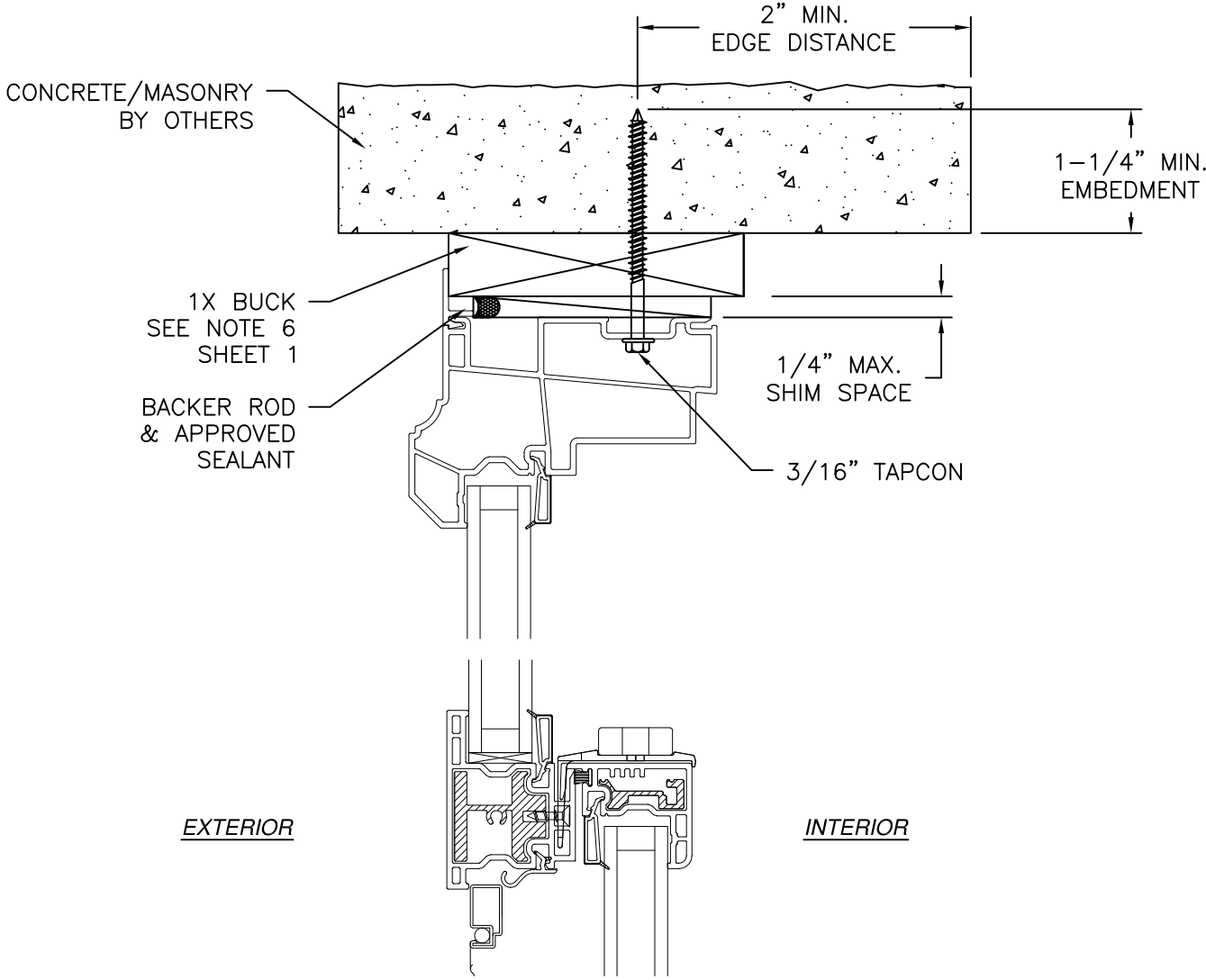
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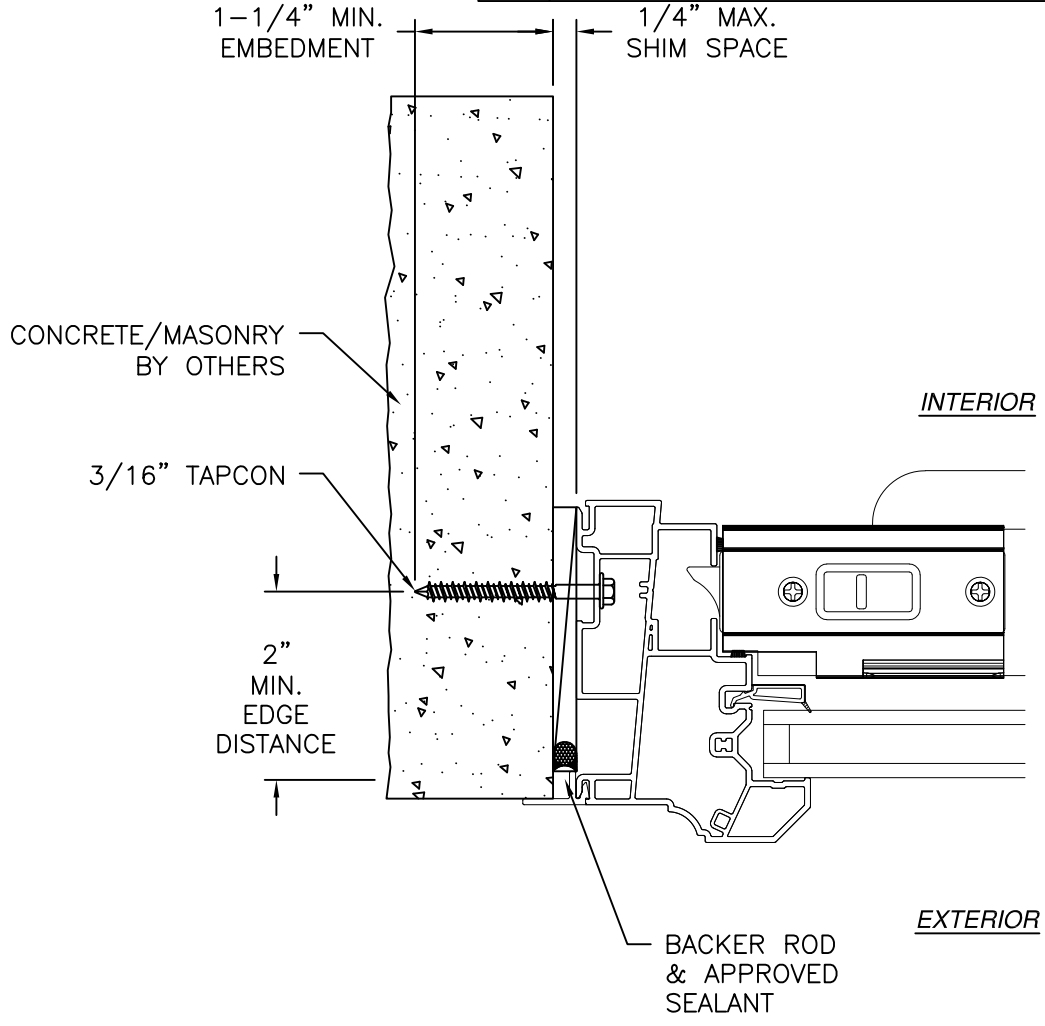


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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



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

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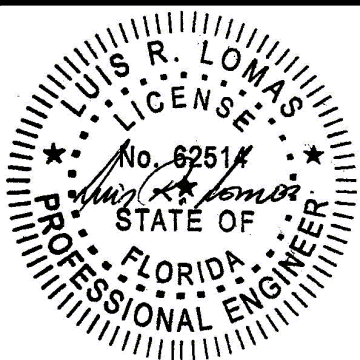


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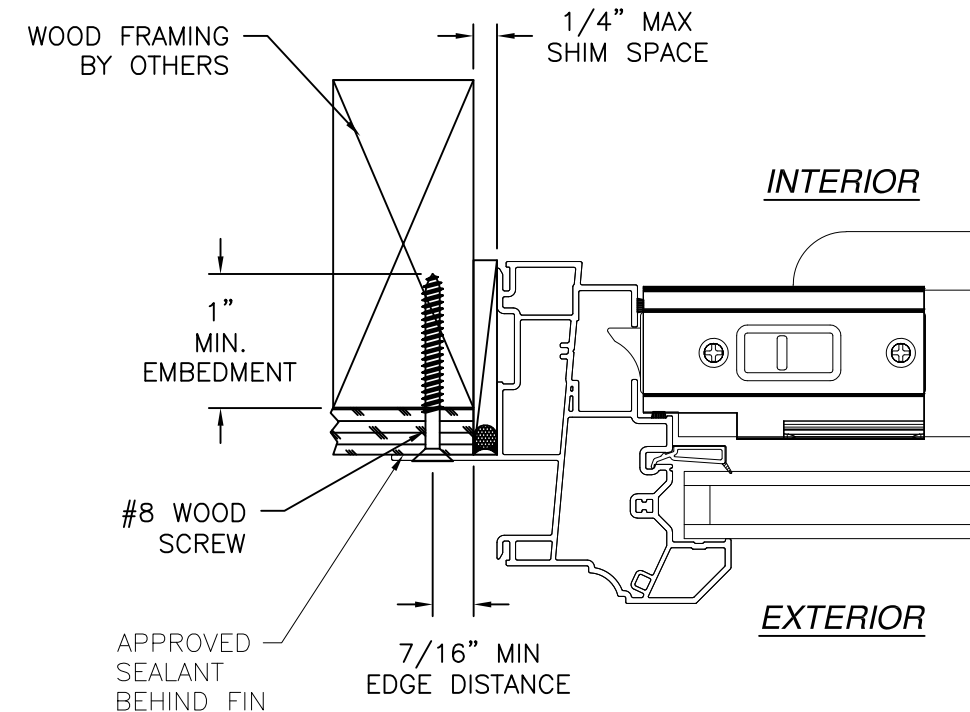
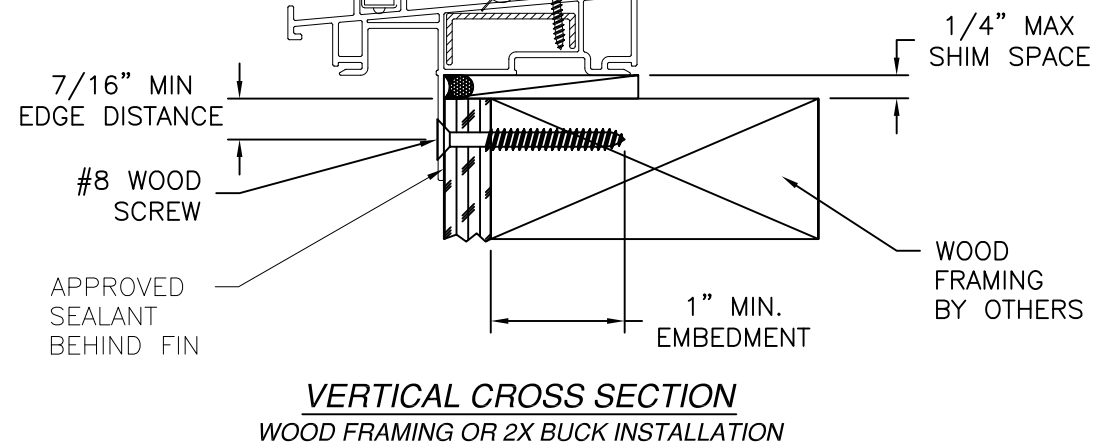
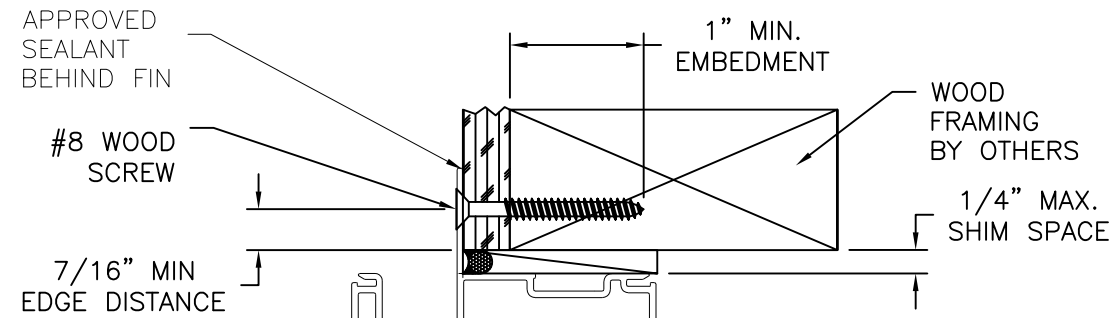
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FLANGE INSTALLATION DETAILS

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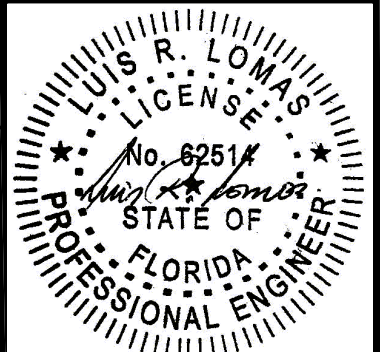


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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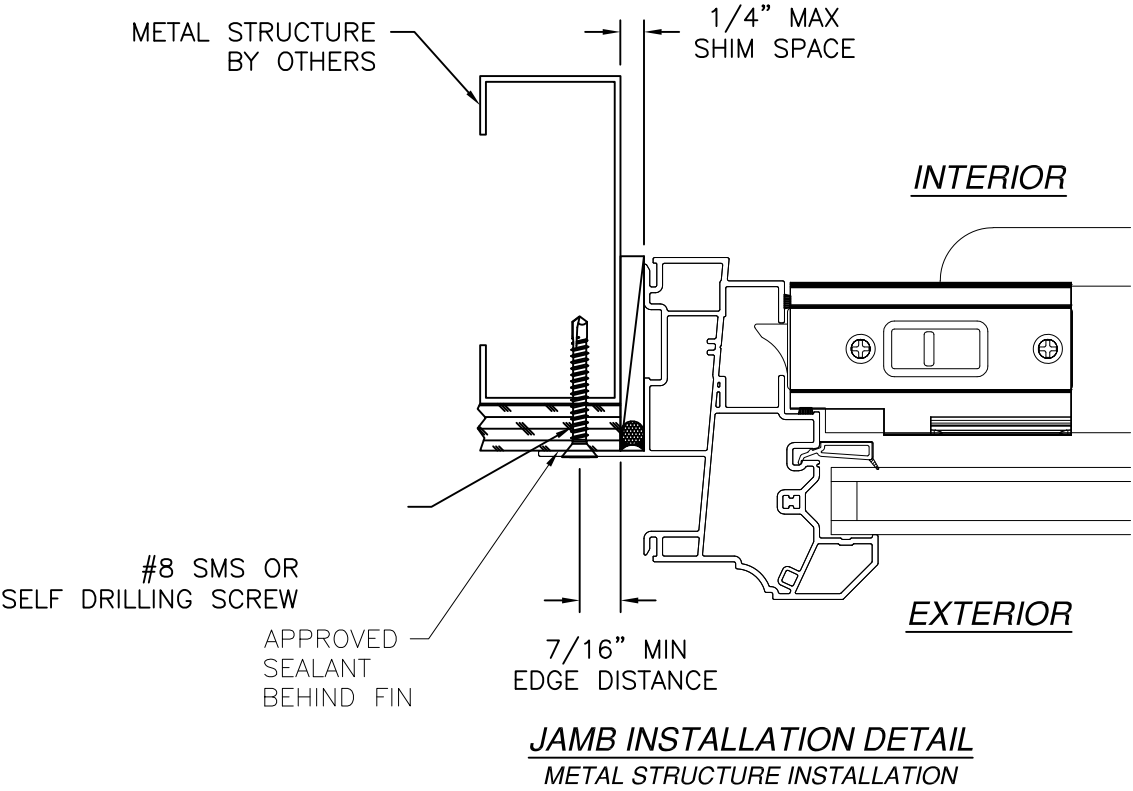
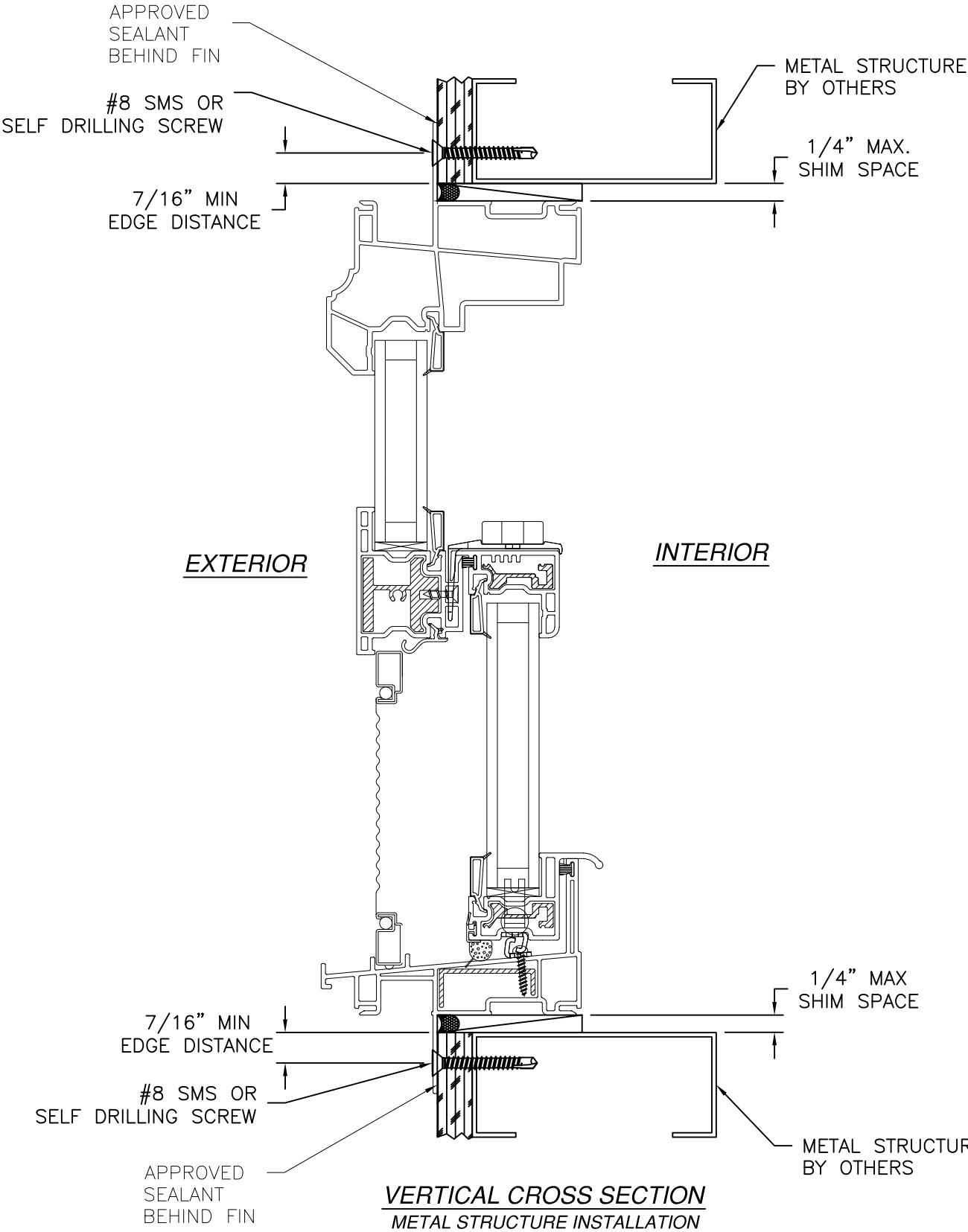
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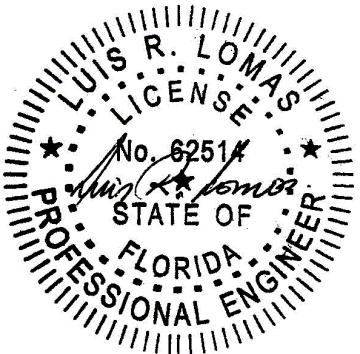
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SHEET 10 OF 11

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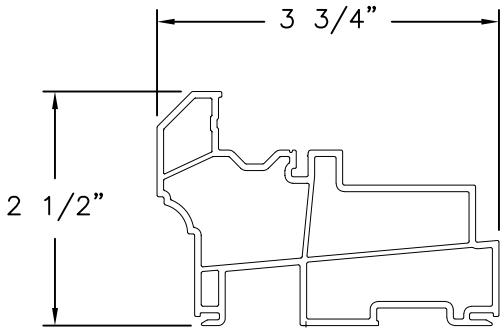
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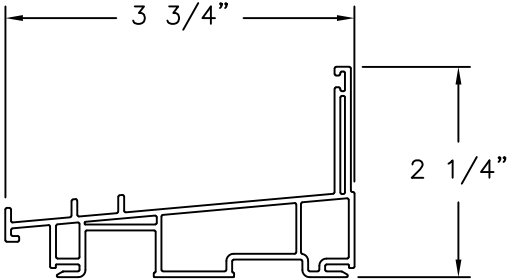


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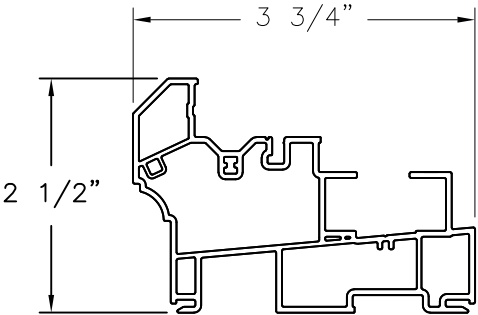
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REV	DESCRIPTION	DATE	APPROVED
A	UPDATED TO CURRENT FBC	9/12/2025	LMH



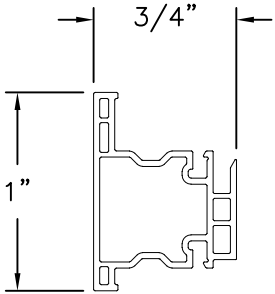
HEAD FRAME, FINLESS (10008687)
VINYL PVC



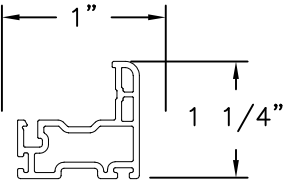
SILL FRAME, FINLESS (10008672)
VINYL PVC



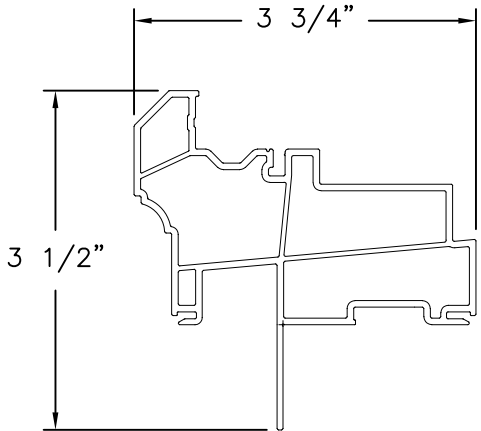
JAMB FRAME, FINLESS (10008686)
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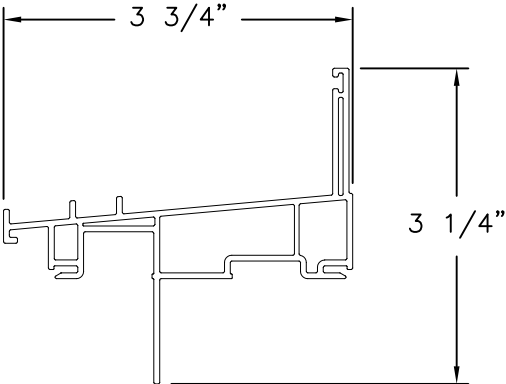
MEETING RAIL (10008511)
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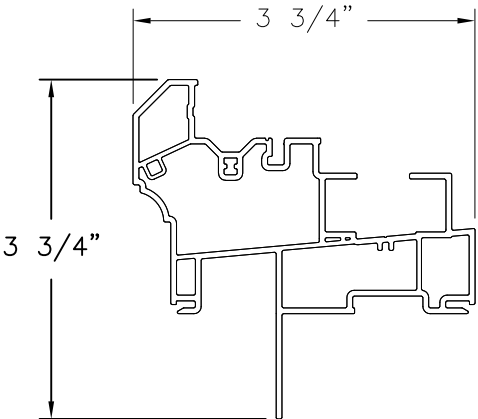
STILE (10008842)
VINYL PVC



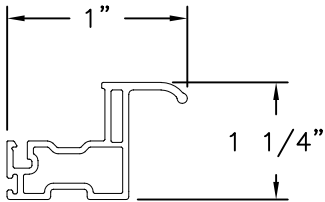
HEAD FRAME, FIN (10008687)
VINYL PVC



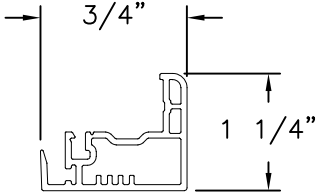
SILL FRAME, FIN (10008672)
VINYL PVC



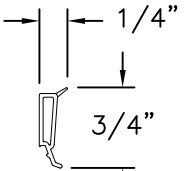
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VINYL PVC



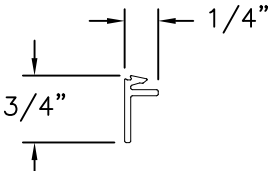
LIFT RAIL (10008882)
VINYL PVC



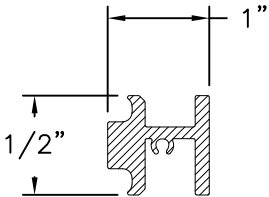
LOCK RAIL (10008845)
VINYL PVC



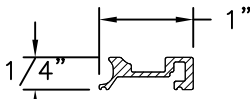
GLAZING BEAD (10005470)
VINYL PVC



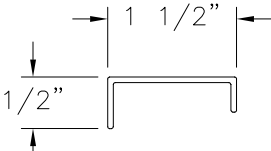
FLANGE (10008346)
EXTRUDED PVC



REINFORCEMENT (10300084)
ALUMINUM 6063-T5



REINFORCEMENT (10300082)
ALUMINUM 6063-T5



REINFORCEMENT (10300096)
ALUMINUM 6063-T5



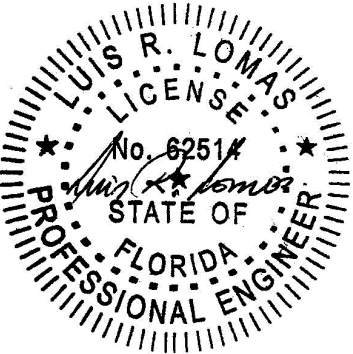
EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

SERIES 143.095 SH
VINYL SINGLE HUNG WINDOW
COMPONENTS

DRAWN: R.L.	DWG NO. 08-03992	REV A
SCALE NTS	DATE 12/19/23	SHEET 11 OF 11

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 04/01/2026



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