

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED TO CURRENT FBC	09/10/25	LMH
B	EC 26-0428 & CURRENT FBC	05/06/26	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
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" 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.
4. 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.
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 WINDOW 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 ALUMINUM 6063-T6.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR INSTALLING INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR INSTALLING INTO MASONRY/CONCRETE USE 1/4" 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.
15. FOR INSTALLING INTO METAL STRUCTURE USE #14 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.
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:
 - 17.A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 17.C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 17.D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 0.125 THICK MINIMUM

SIGNED: 05/20/2026

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



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE.
FORT MYERS, FLORIDA 33912
800-432-2204

FWI 1000 SERIES SINGLE HUNG WINDOW
IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-03980

REV
B

SCALE NTS

DATE 11/02/23

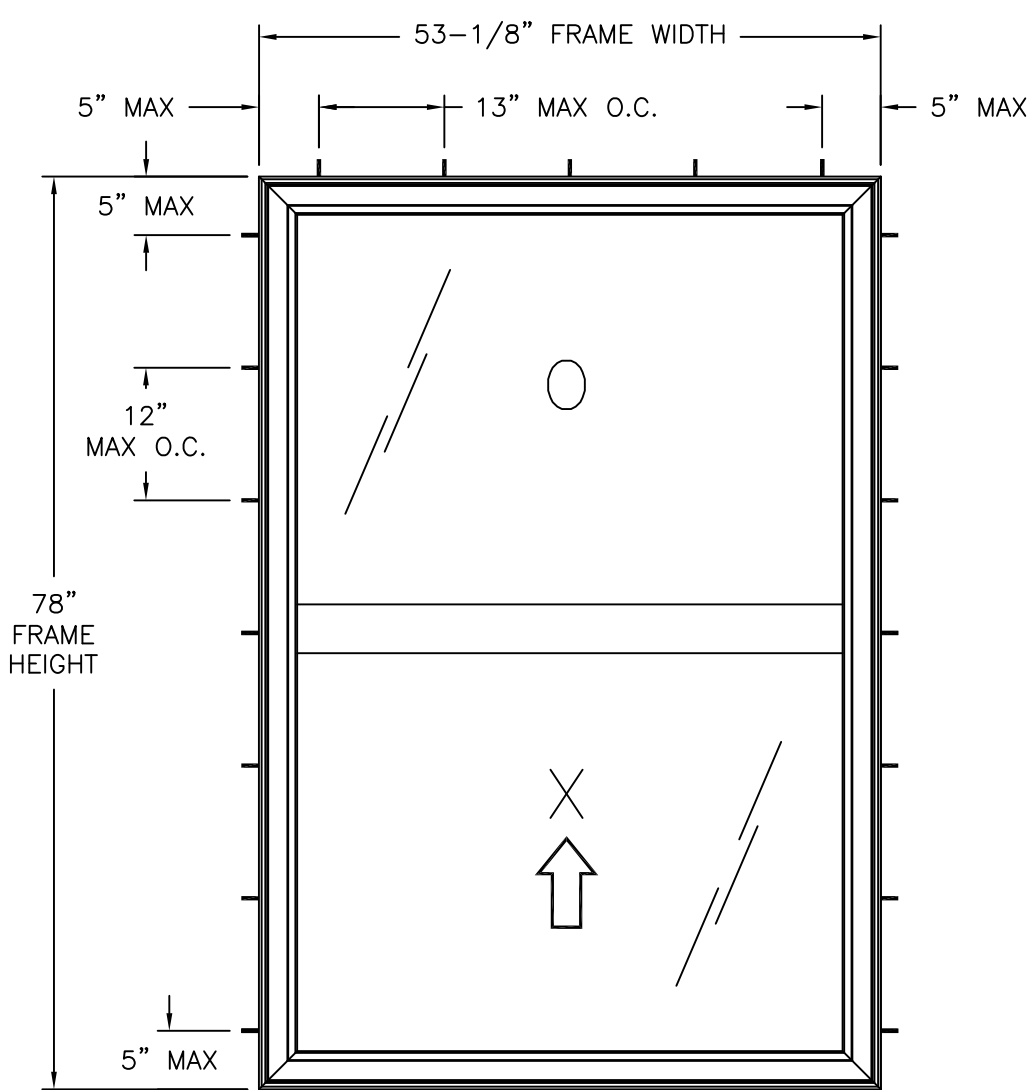
SHEET 1 OF 7

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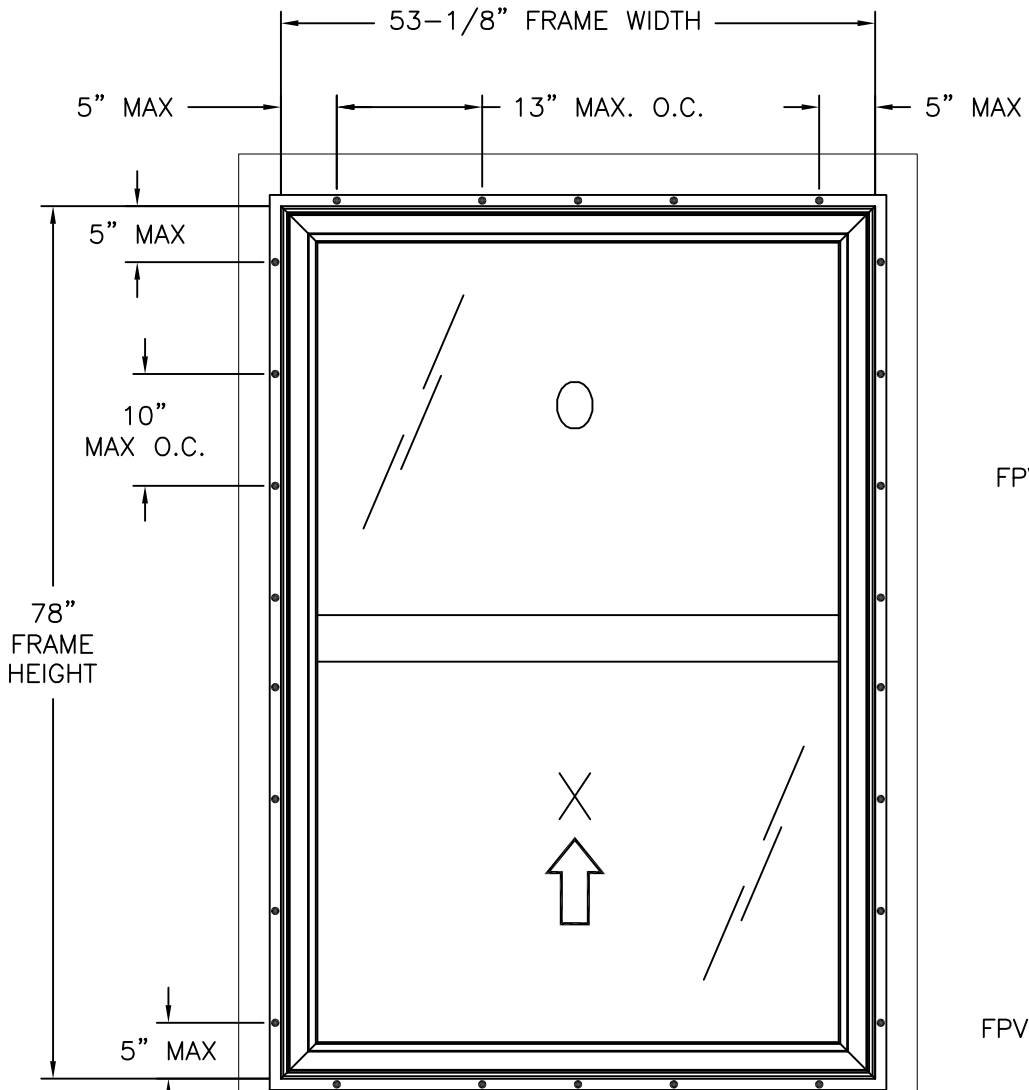
Luis R. Lomas P.E.
FL No.: 62514

FL I4604

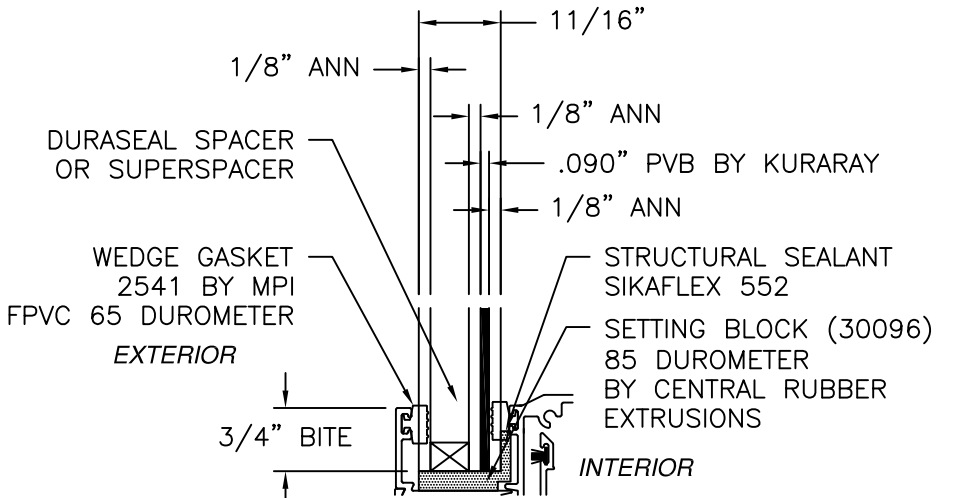
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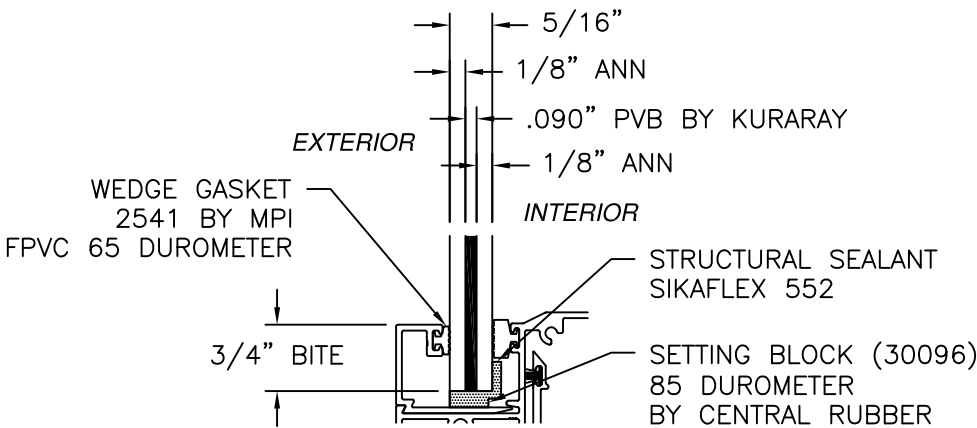
SERIES FWI 1000 SINGLE HUNG WINDOW
EXTERIOR VIEW FRAME INSTALLATION



SERIES FWI 1000 SINGLE HUNG WINDOW
EXTERIOR VIEW FIN INSTALLATION



GLAZING DETAIL A



GLAZING DETAIL B

DESIGN PRESSURE RATING	IMPACT RATING
± 80.0 PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

- NOTES:
- SASH SIZE: 49-1/2" X 39-3/16".
 - D.L.O.: 47-1/2" X 33-1/2".

FL I4604



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

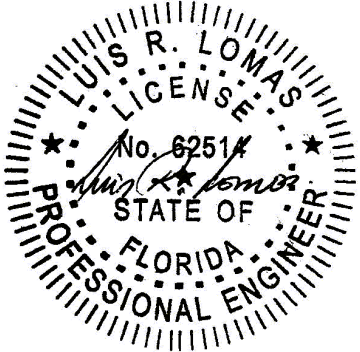
16341 DOMESTIC AVE.
FORT MYERS, FLORIDA 33912
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**FWI 1000 SERIES SINGLE HUNG WINDOW
IMPACT
ELEVATIONS**

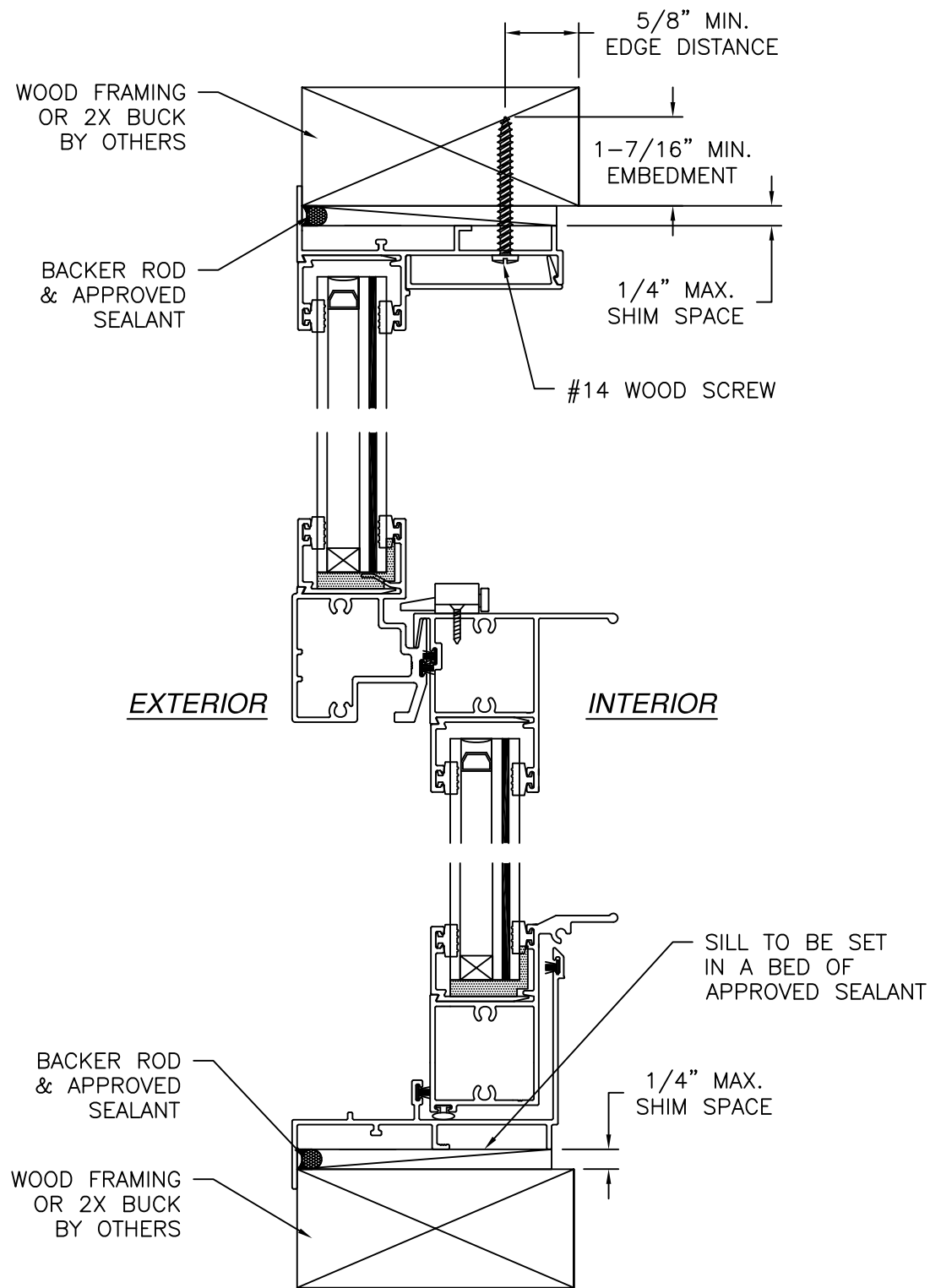
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SCALE NTS	DATE 11/02/23	SHEET 2 OF 7

L. ROBERTO LOMAS P.E.
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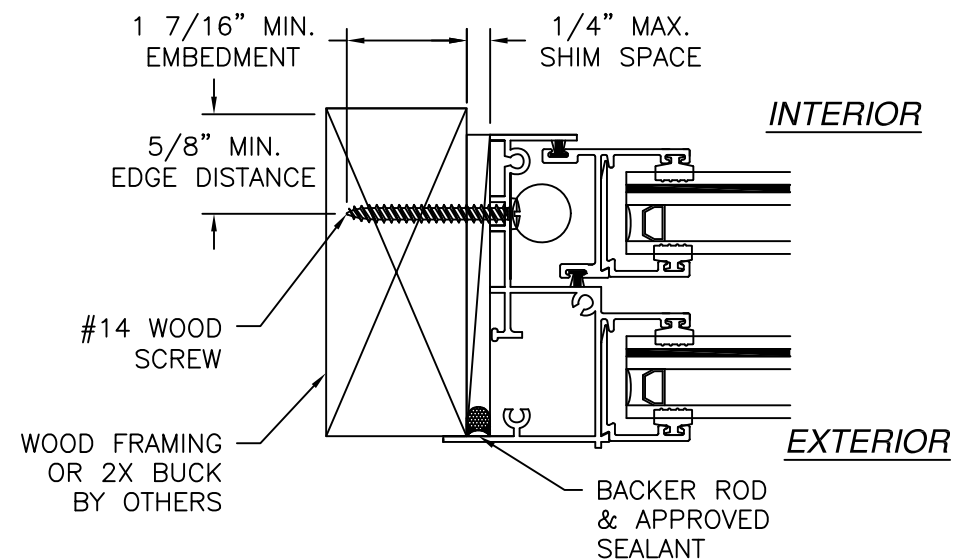
SIGNED: 05/20/2026



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



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD SILL SHOWN, HI-RISE SIMILAR



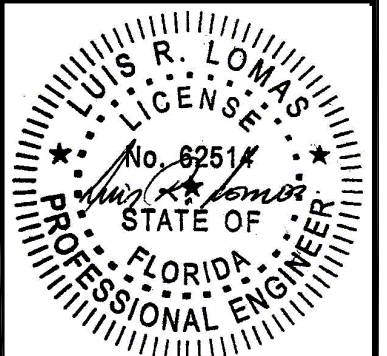
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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.

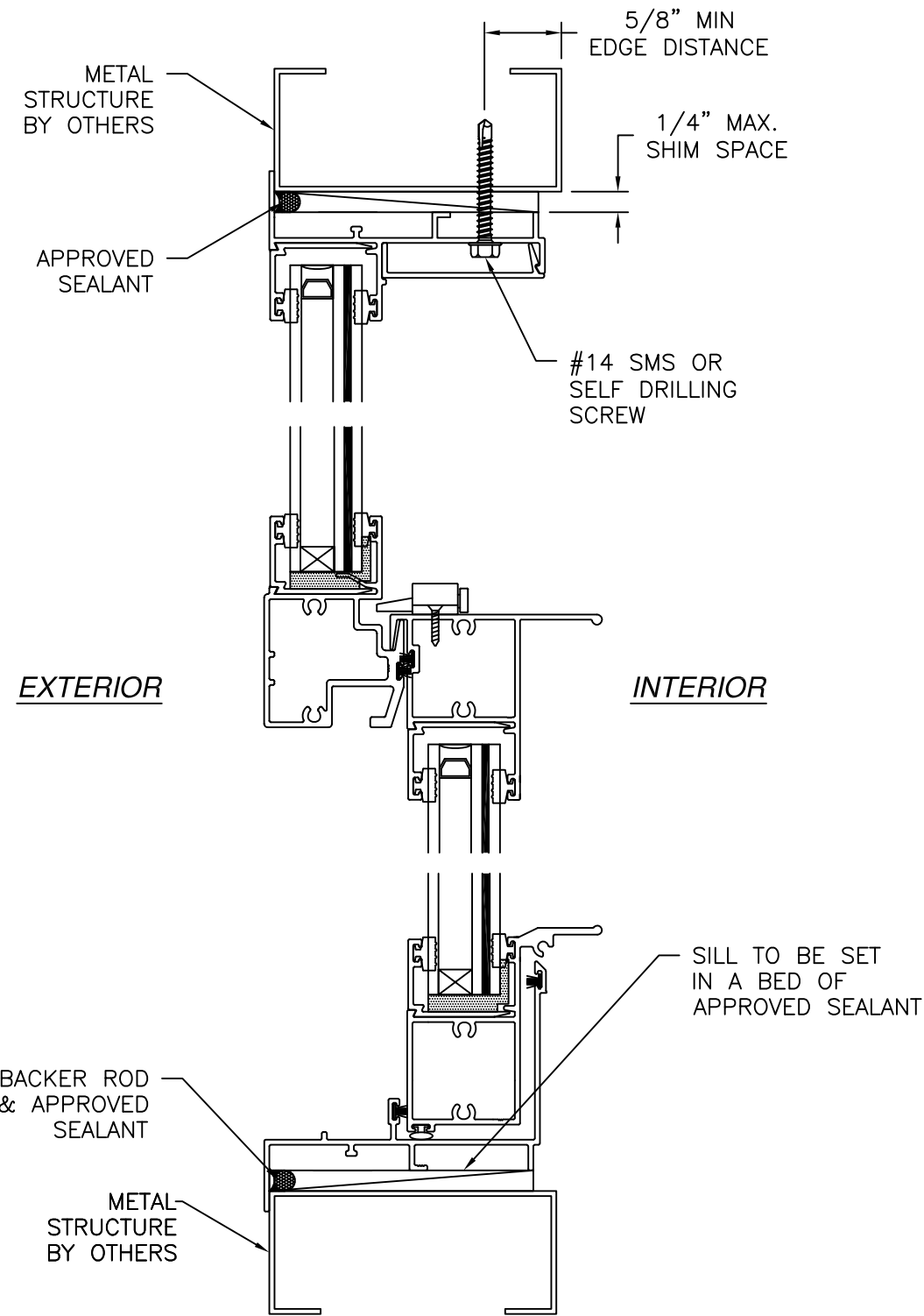
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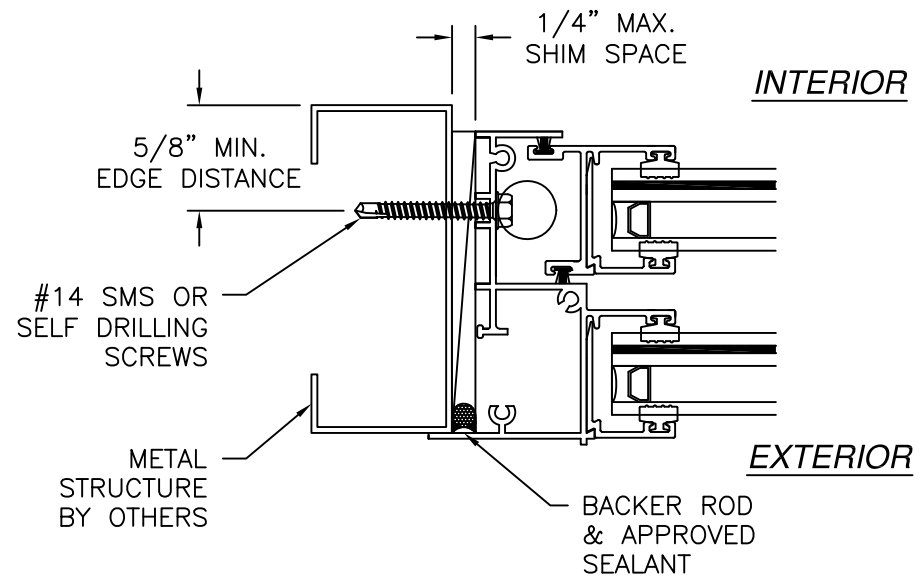
 EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF CORNERSTONE BUILDING BRANDS 16341 DOMESTIC AVE. FORT MYERS, FLORIDA 33912 800-432-2204		
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SCALE NTS	DATE 11/02/23	SHEET 3 OF 7
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
STANDARD SILL SHOWN, HI-RISE SIMILAR



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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FL 14604



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CORNERSTONE BUILDING BRANDS

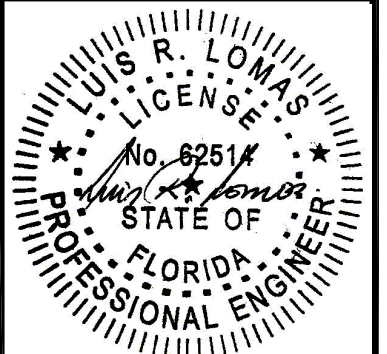
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INSTALLATION DETAILS**

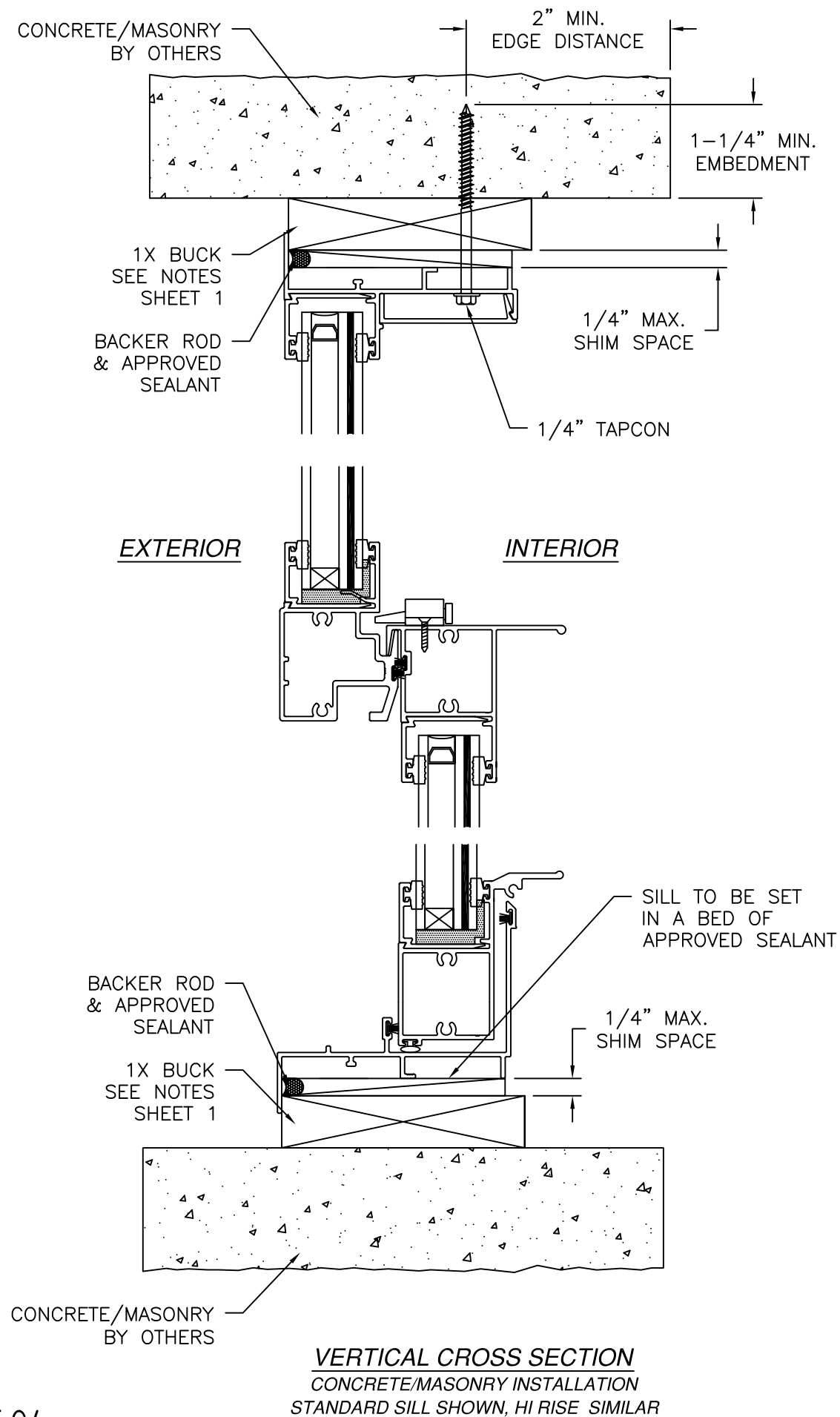
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L. ROBERTO LOMAS P.E.
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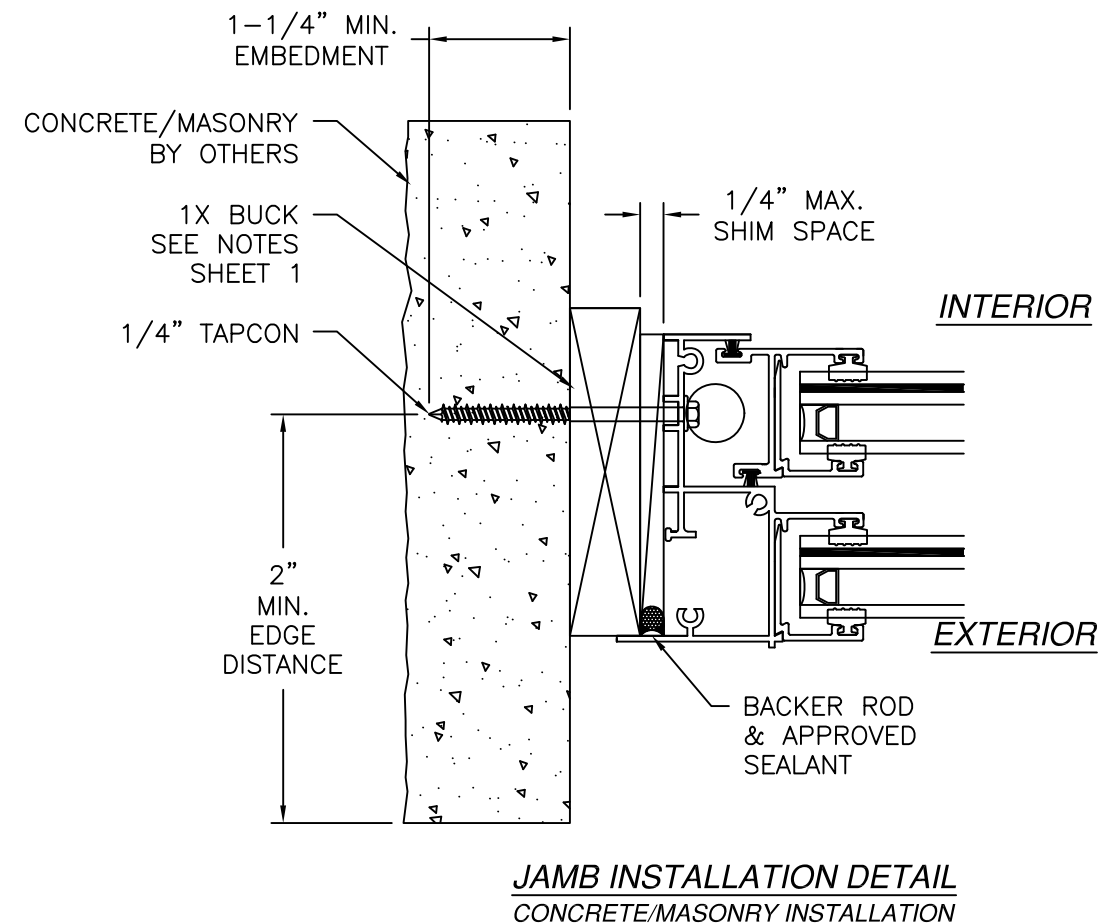
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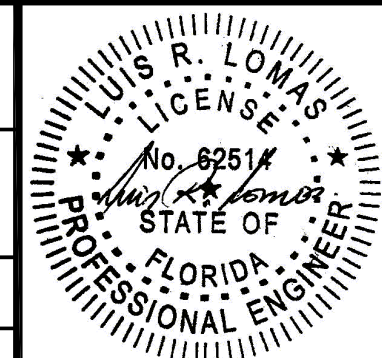
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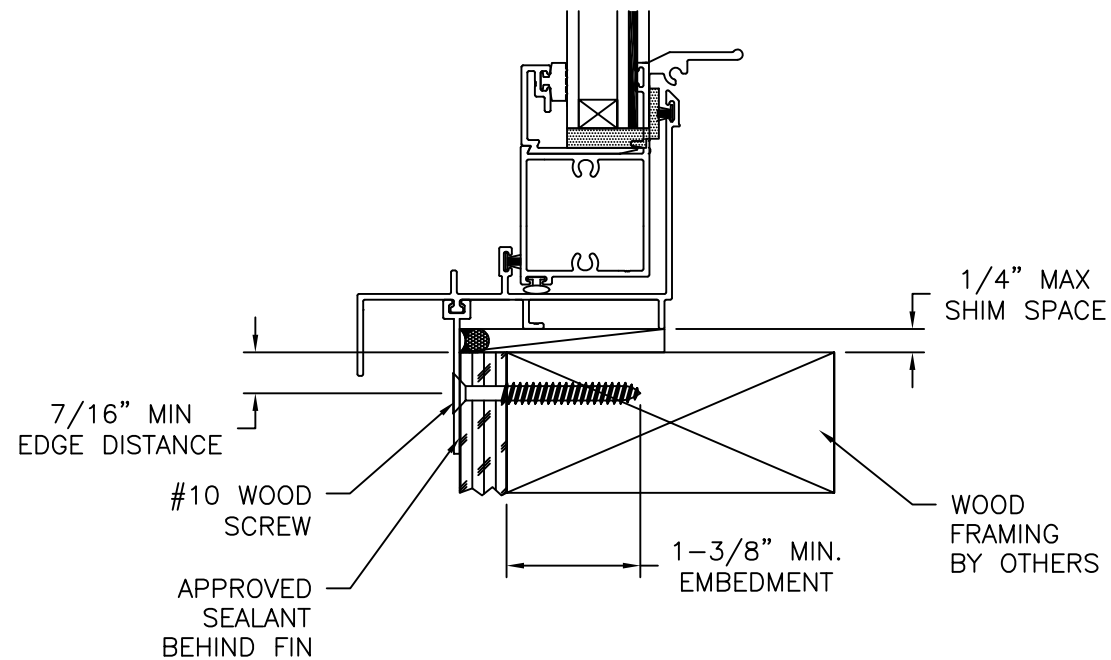
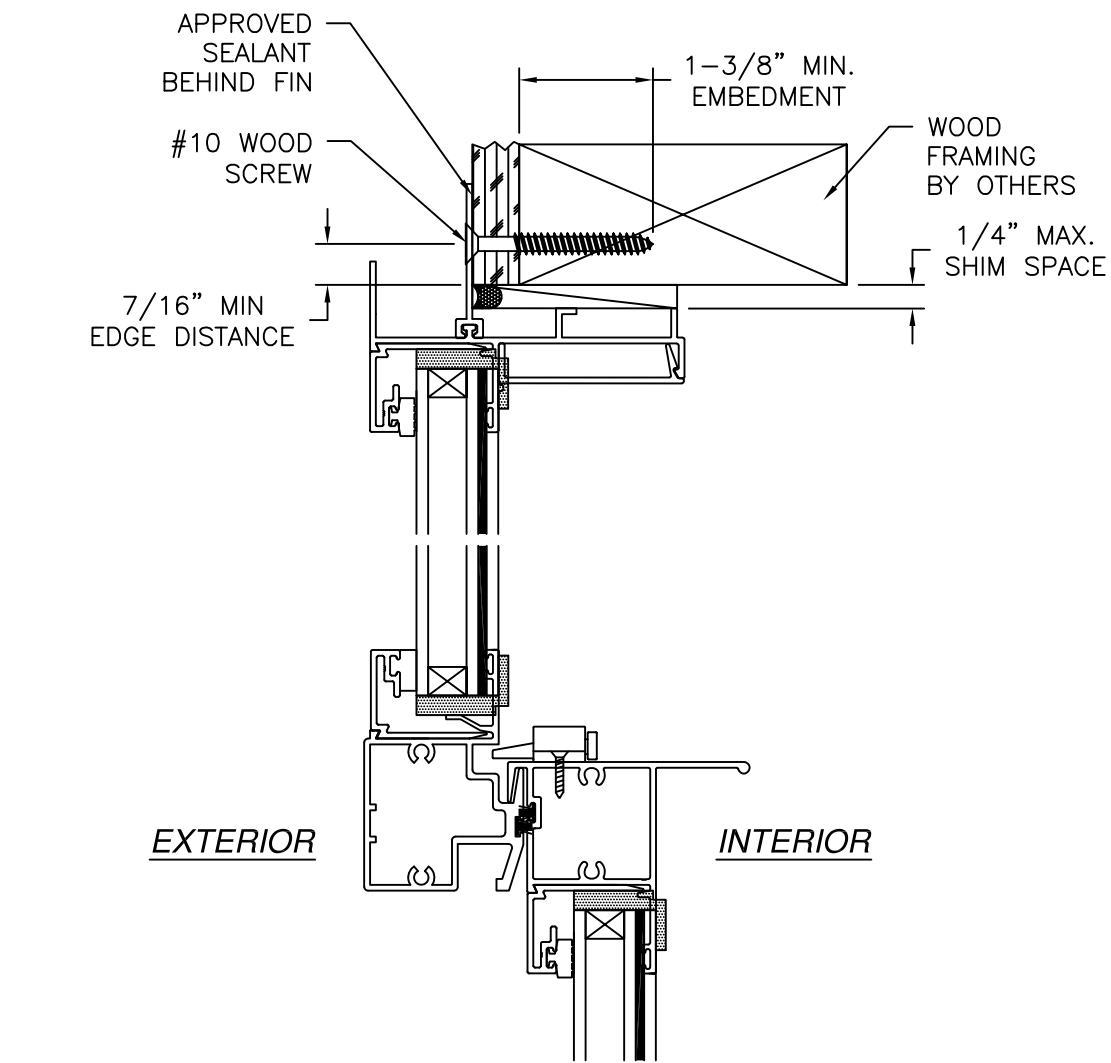
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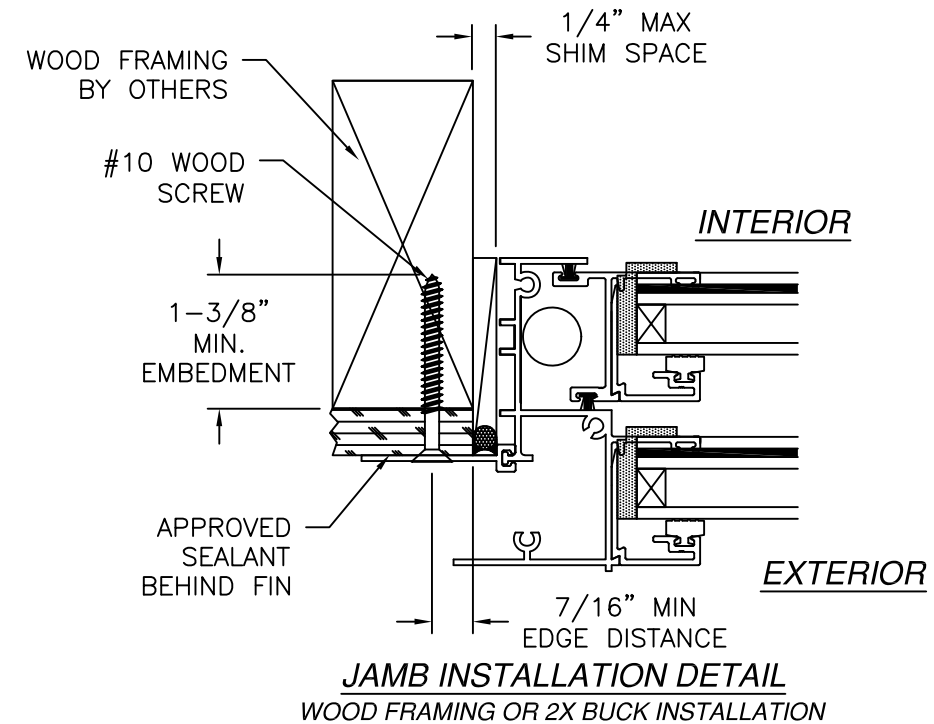


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD SILL SHOWN, HI RISE SIMILAR

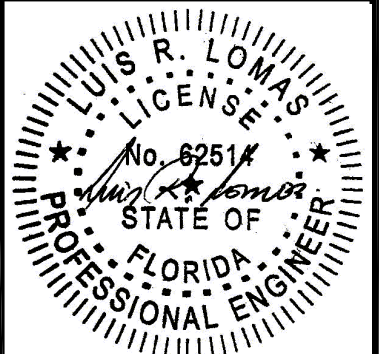
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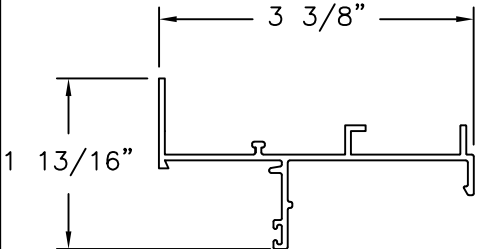
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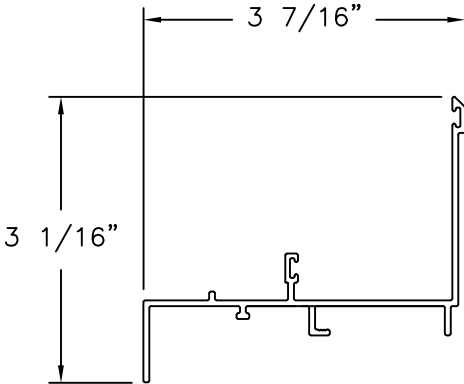


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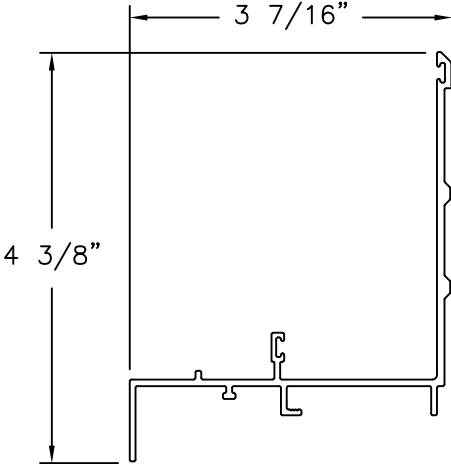
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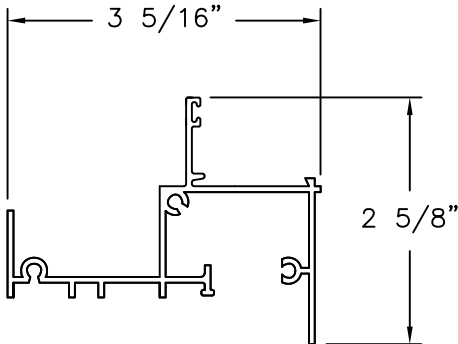
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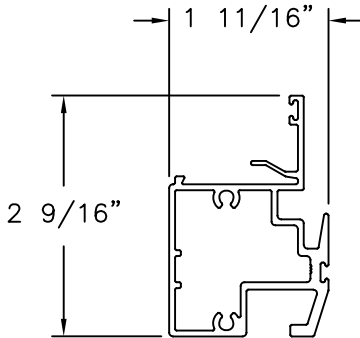
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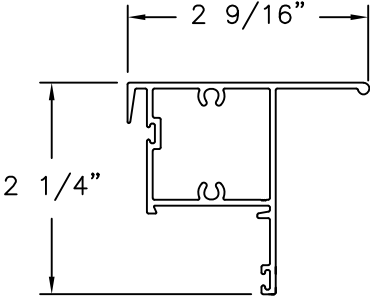
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ALUMINUM 6063-T6
.062" THICK



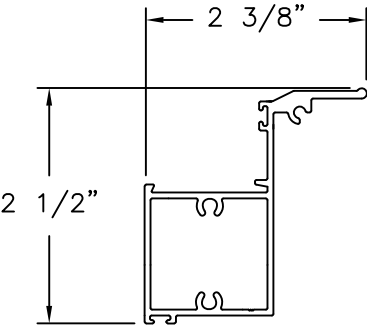
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ALUMINUM 6063-T6
.062" THICK



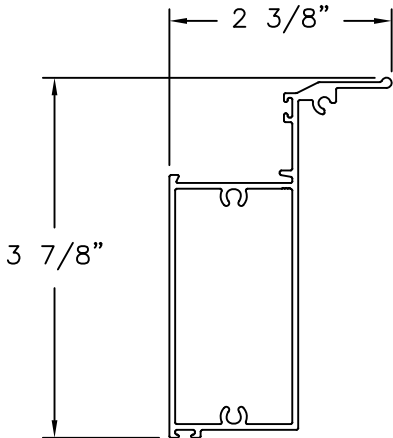
FIXED MEETING RAIL
ALUMINUM 6063-T6
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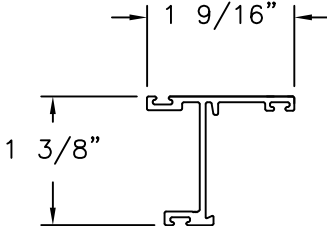
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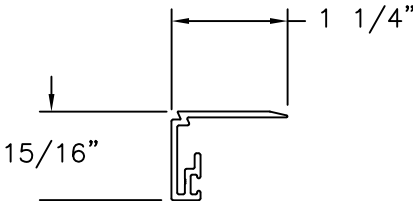
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.062" THICK



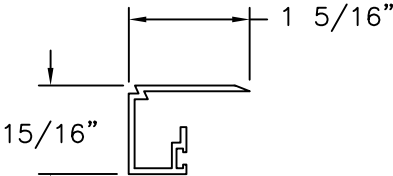
HI RISE IMPACT LIFT RAIL
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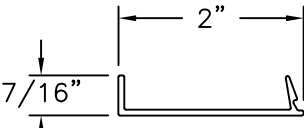
SASH JAMB
ALUMINUM 6063-T6
.062" THICK



INSULATING BEAD
ALUMINUM 6063-T6
.062" THICK



GLAZING BEAD
ALUMINUM 6063-T6
.062" THICK



FRAME HEAD COVER
ALUMINUM 6063-T6



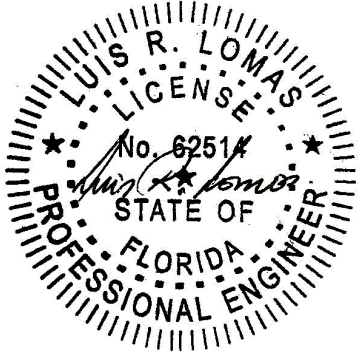
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