

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED TO CHANGE ANCHOR SPACING	07/12/2021	R.L.
C	UPDATED TO CURRENT FBC	09/09/2025	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING.
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. 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 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, SEE SHEET 7 FOR GLAZING DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
13. FOR ANCHORING 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.
14. FOR ANCHORING 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.
15. FOR ANCHORING 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.
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. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, WITH Fm= 2,000 PSI.

D. METAL STRUCTURE: STEEL 18GA (.048"), 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES 2461 VINYL LEG FRAME IMPACT
SINGLE HUNG WINDOW – 53 1/2" X 72"
NOTES

DRAWN:
N.G.

DWG NO.
08-02915

REV
C

SCALE NTS

DATE 05/24/16

SHEET 1 OF 7

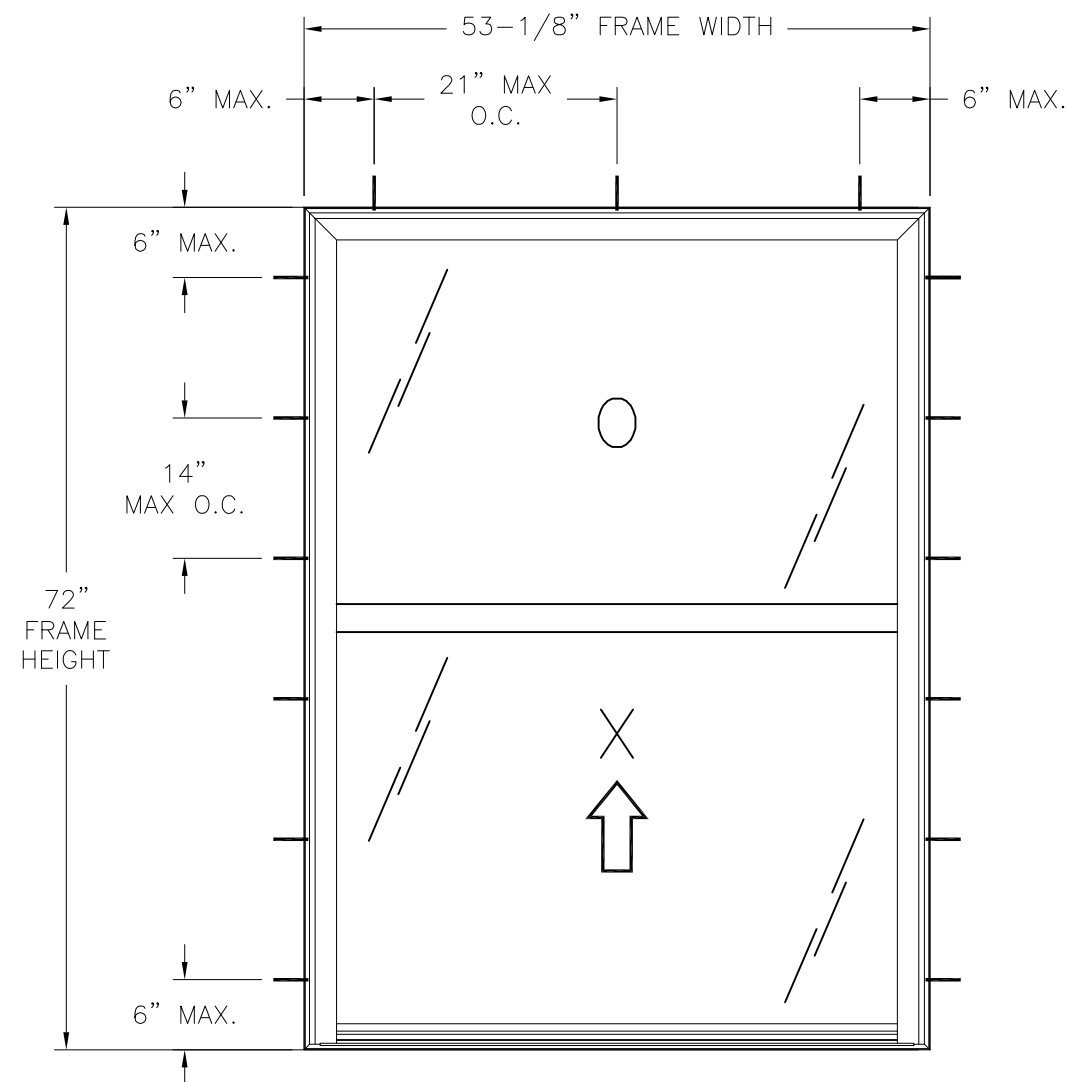
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208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 04/01/2026

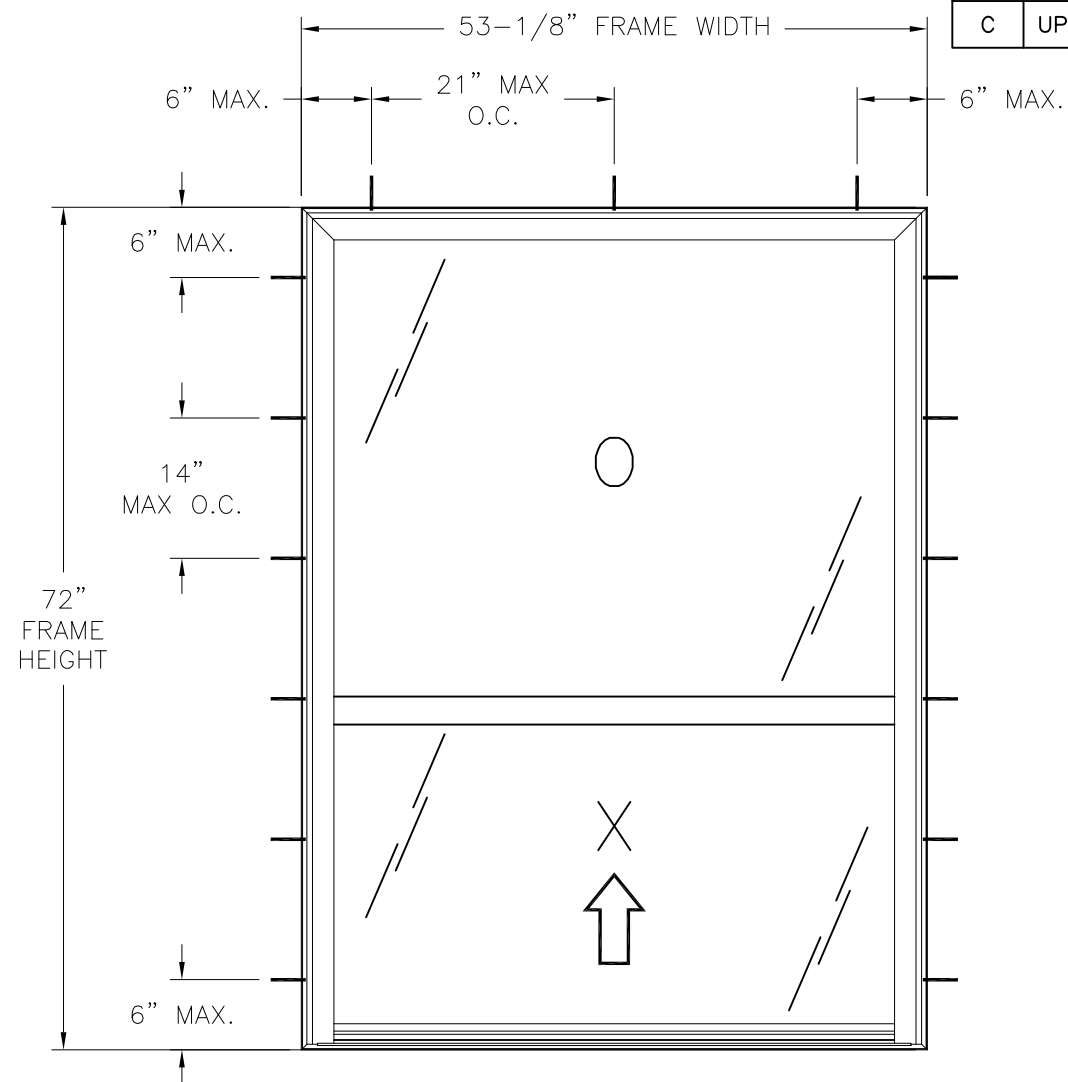
Luis R. Lomas P.E.
FL No.: 62514

FL I4604

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SERIES 2461 SINGLE HUNG EQUAL WINDOW
EXTERIOR VIEW



SERIES 2461 SINGLE HUNG ORIEL WINDOW
EXTERIOR VIEW

NOTES:

1. EQUAL SASH SIZE: 51" X 34-1/2"
2. EQUAL UNIT D.L.O.: 48-1/8" X 32-5/8"
3. ORIEL SASH SIZE: 51" x 29"
4. ORIEL SASH D.L.O.: 48-1/8" X 27-1/8"
5. ORIEL FIXED D.L.O.: 48-1/8" X 41-1/8"
6. (2) 1" X 1/8" WEEP SLOTS AT 3-1/2" FROM EACH CORNER OF JAMB AND SILL.

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

53 1/8" X 72" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 26.56 FT²

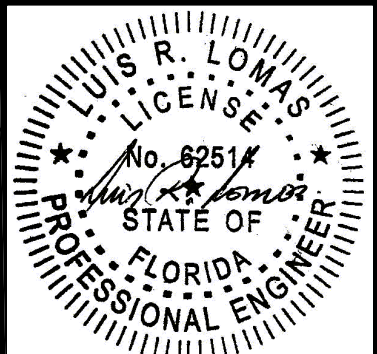
HARDWARE SCHEDULE

A.	(2) FS-550 SPRING LOADED BALANCE SYSTEM AT EACH JAMB
B.	(2) METAL TILT LATCH SPRING LOADED AT 1 1/2" FROM EACH SASH TOP RAIL
C.	(2) ALUMINUM IMPACT CLIP REINFORCEMENT AT 1 1/2" FROM EACH SASH TOP RAIL
D.	(2) CAST ALUMINUM CAM LOCKS AT 10" FROM EACH JAMB ON SASH TOP RAIL
E.	(2) METALLIC SILL INTERLOCKS AT FRAME SILL, 15" FROM EACH SILL CORNER
F.	EXTRUDED ALUMINUM REINFORCEMENT AT FIXED MEETING RAIL
G.	EXTRUDED ALUMINUM REINFORCEMENT AT SASH STILES AND RAILS

FL 14604

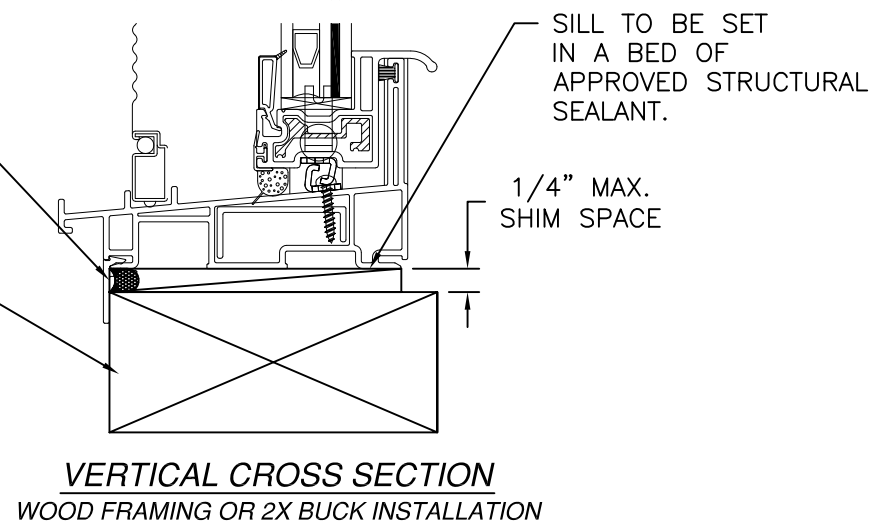
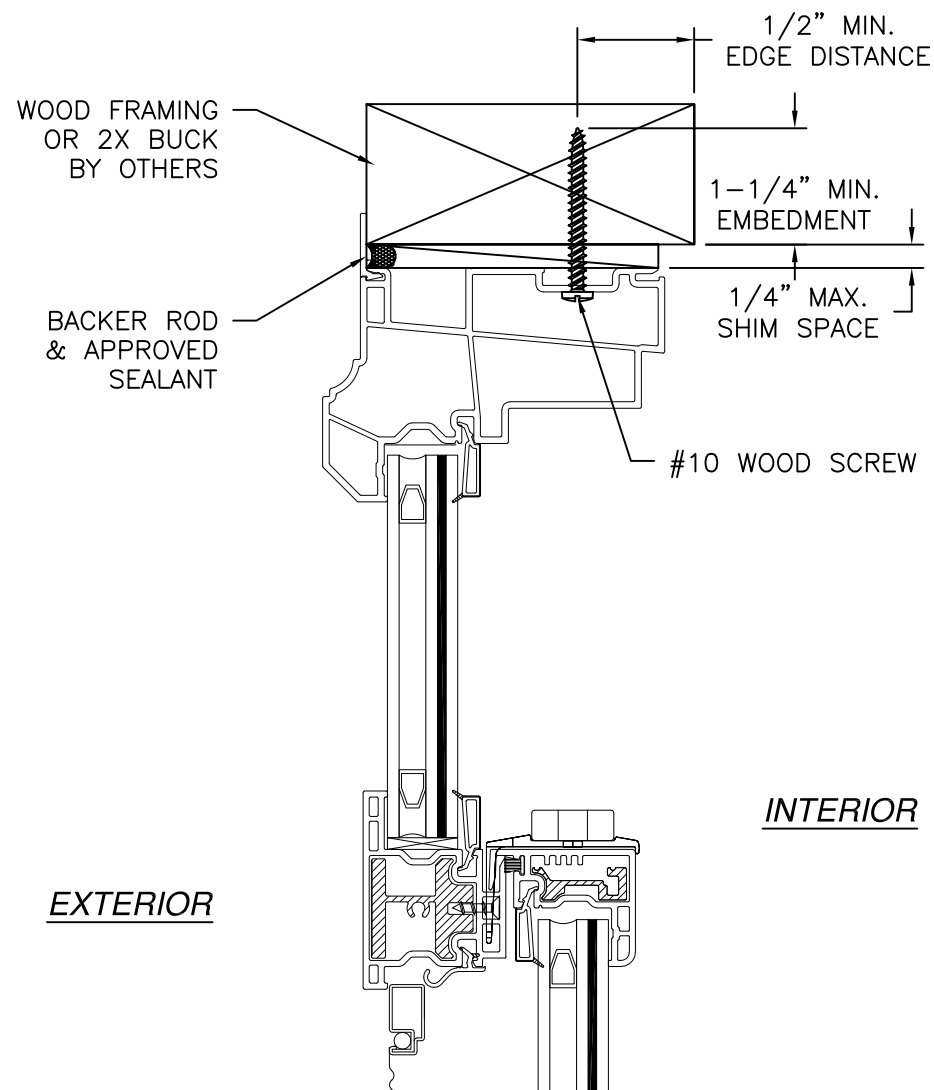
		EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF CORNERSTONE BUILDING BRANDS 16341 DOMESTIC AVE FORT MYERS, FL 33912 800-432-2204	
SERIES 2461 VINYL LEG FRAME IMPACT SINGLE HUNG WINDOW - 53 1/2" X 72" ELEVATIONS			
DRAWN: N.G.		DWG NO. 08-02915	REV C
SCALE NTS	DATE 05/24/16	SHEET 2 OF 7	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			

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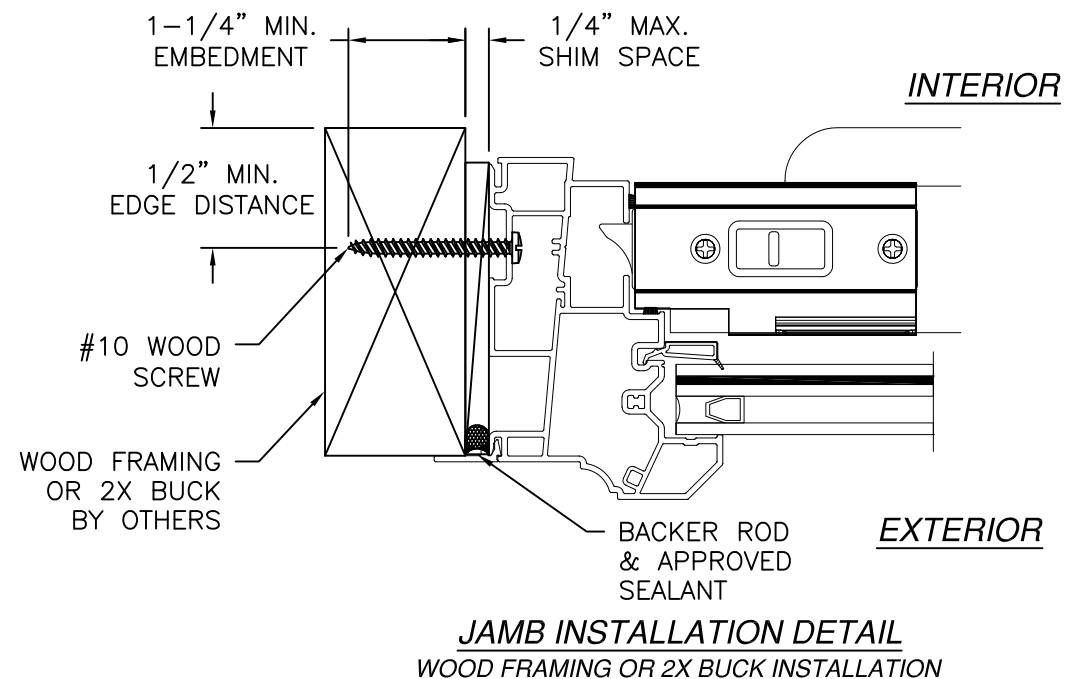


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EASTERN ARCHITECTURAL SYSTEMS

A DIVISION OF

CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE

FORT MYERS, FL 33912

800-432-2204

SERIES 2461 VINYL LEG FRAME IMPACT

SINGLE HUNG WINDOW – 53 1/2" X 72"

INSTALLATION DETAILS

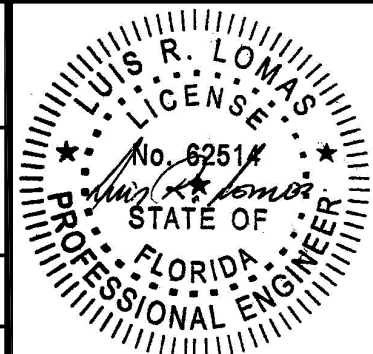
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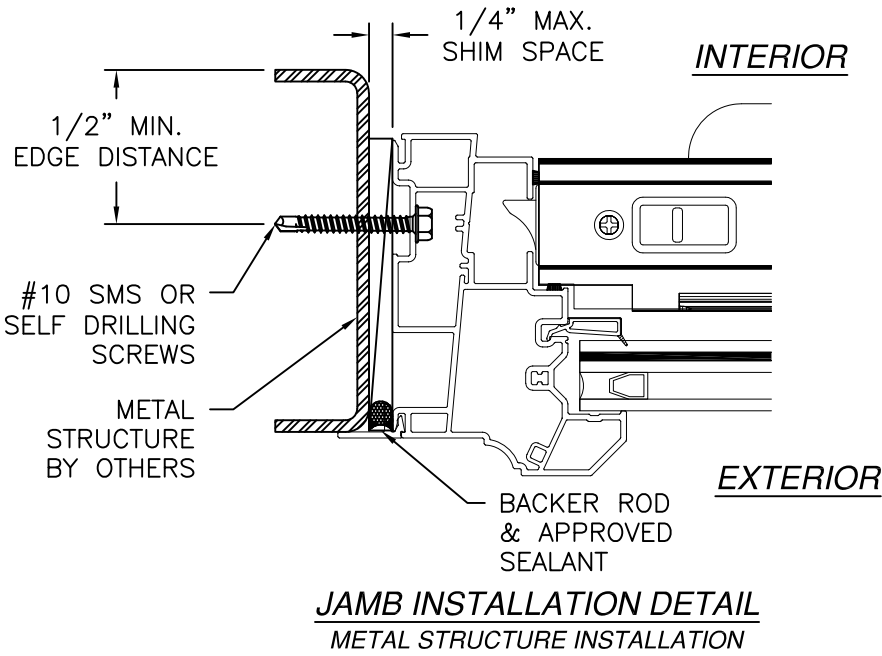
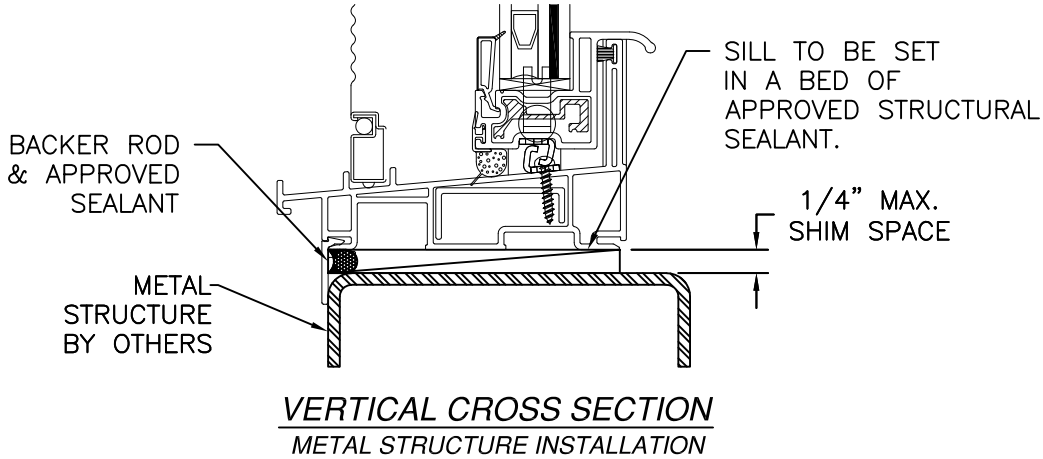
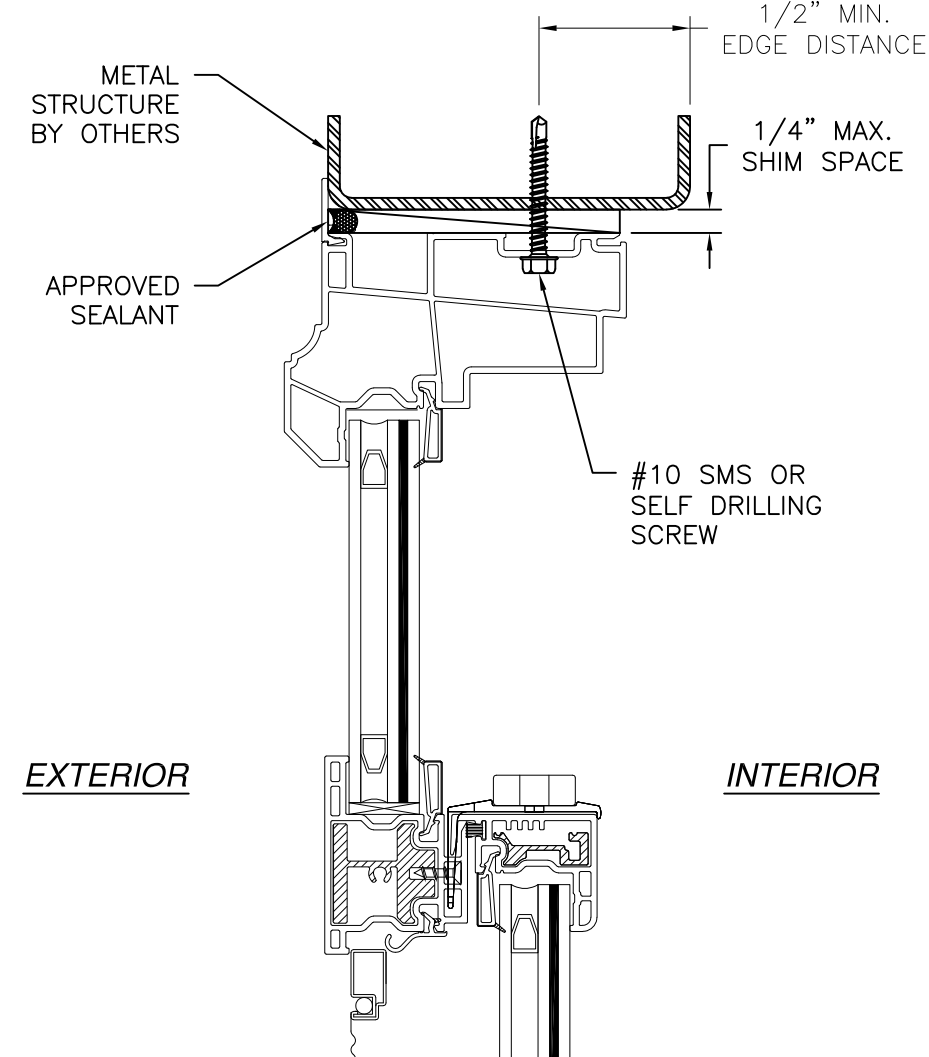
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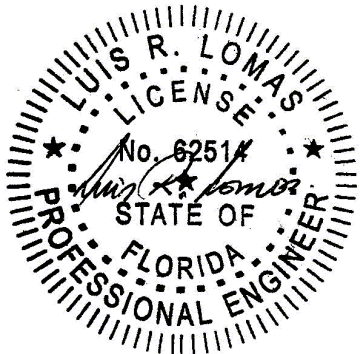
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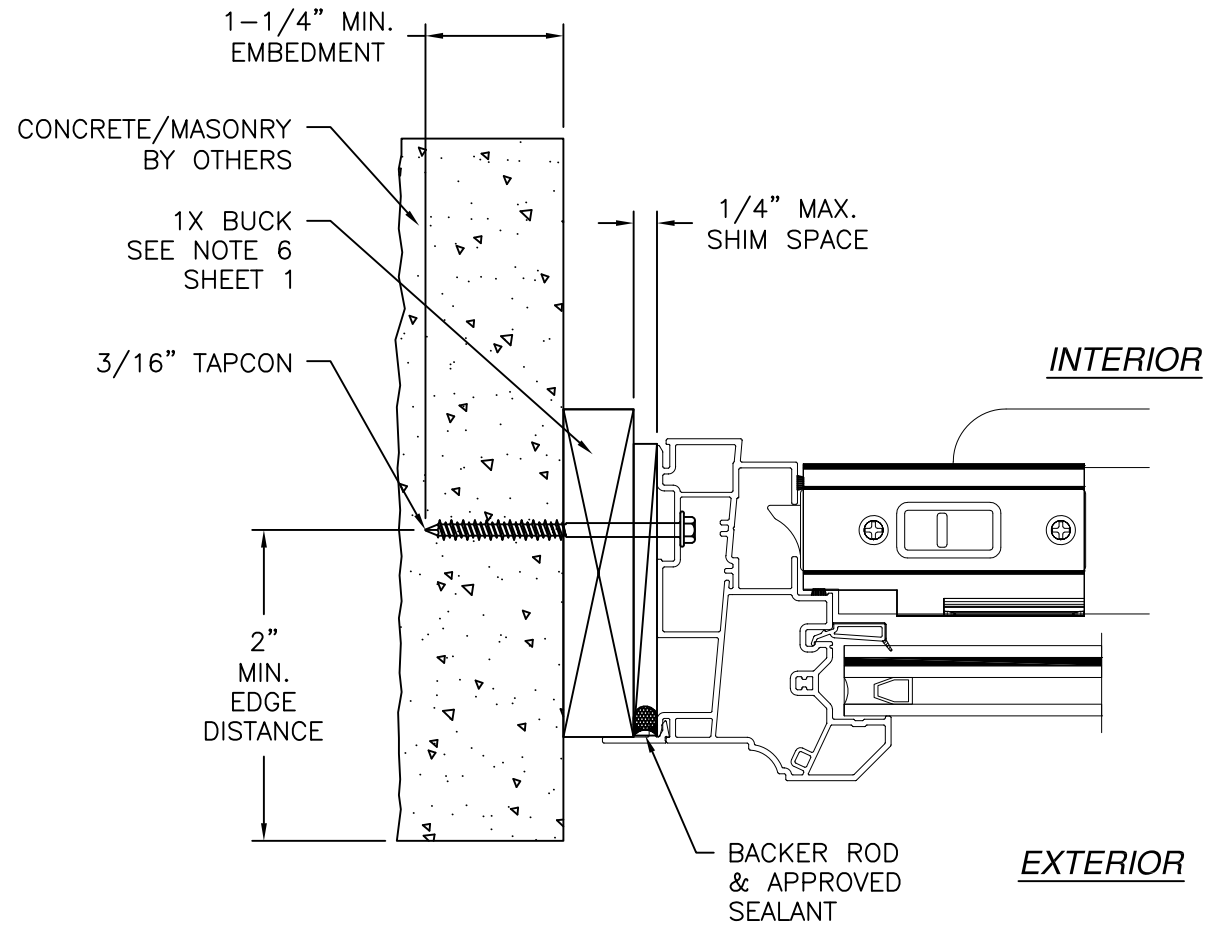
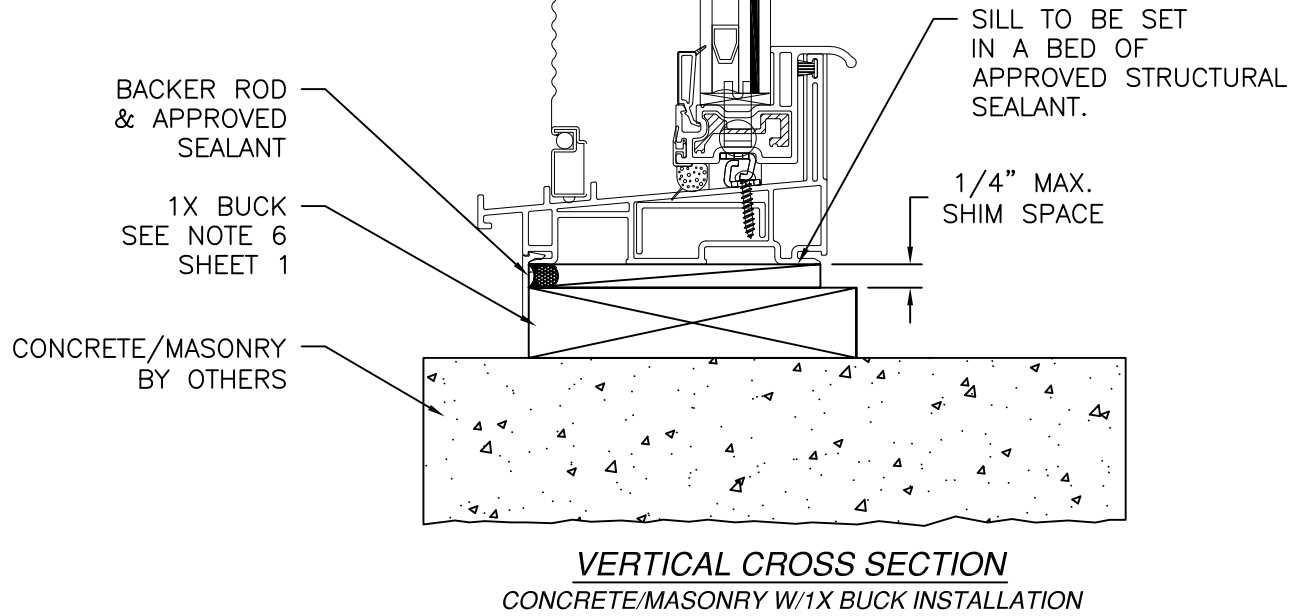
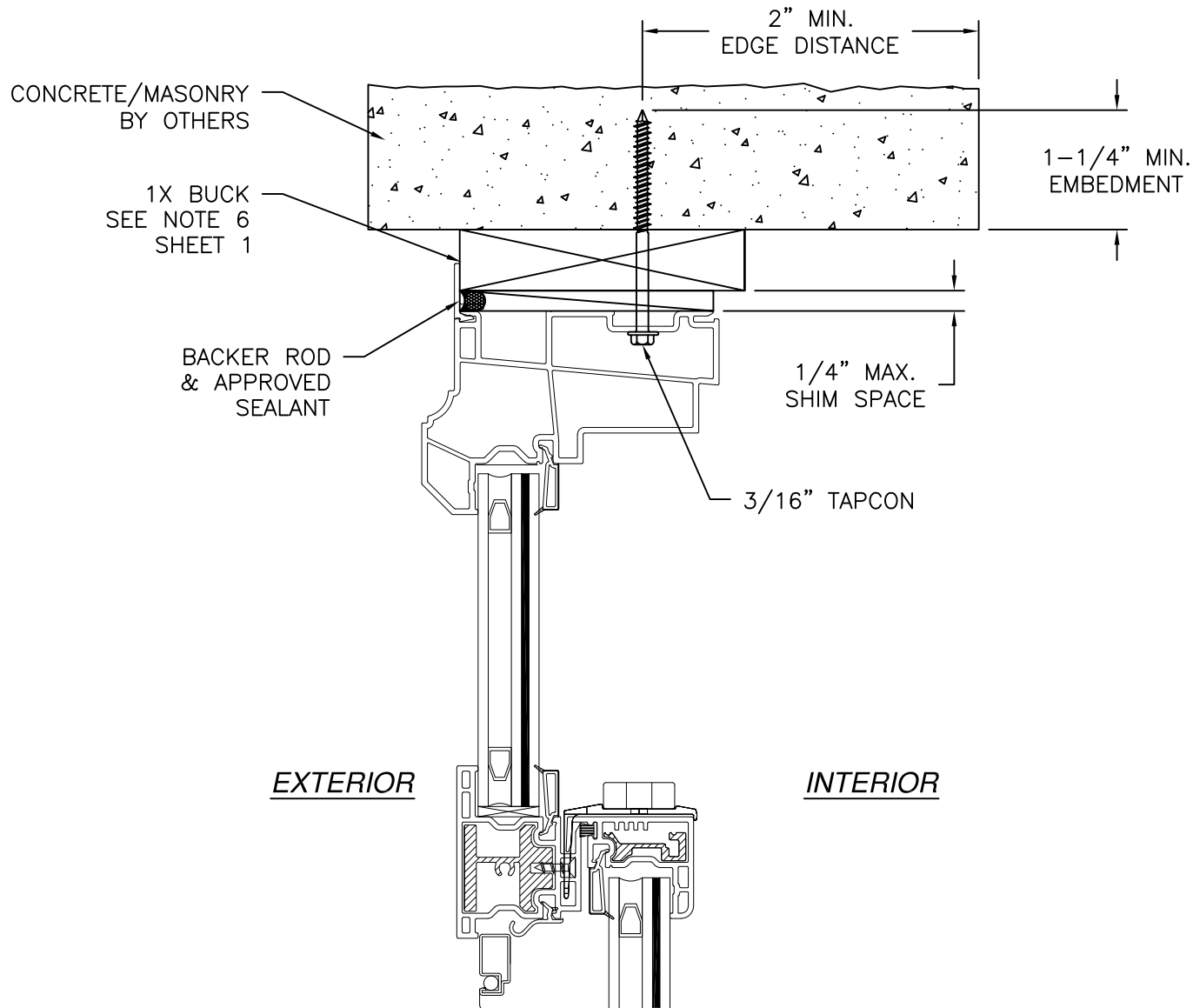
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY W/1X BUCK INSTALLATION

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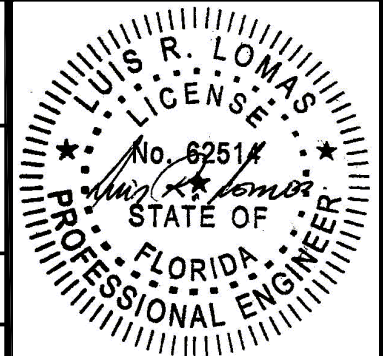
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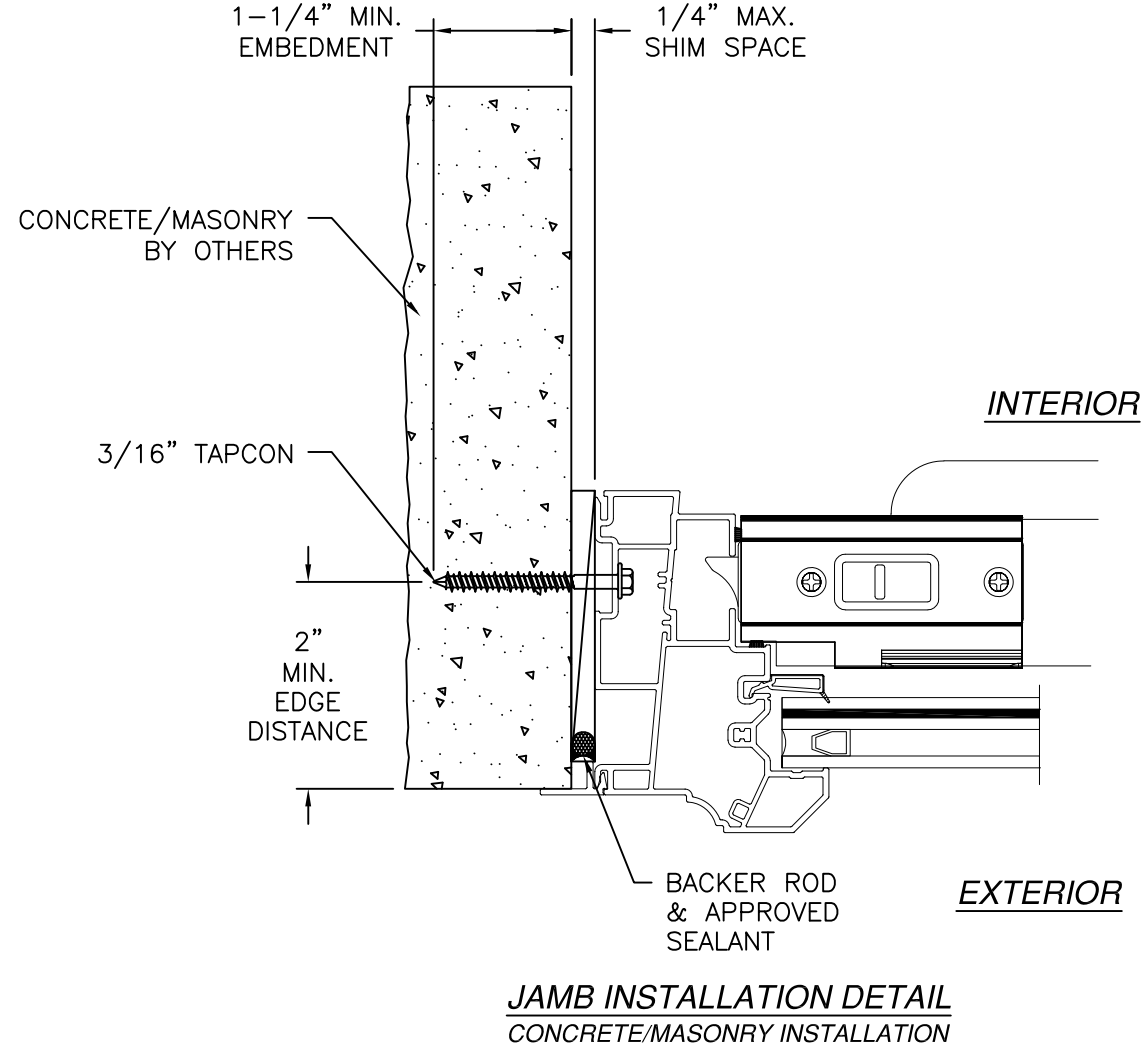
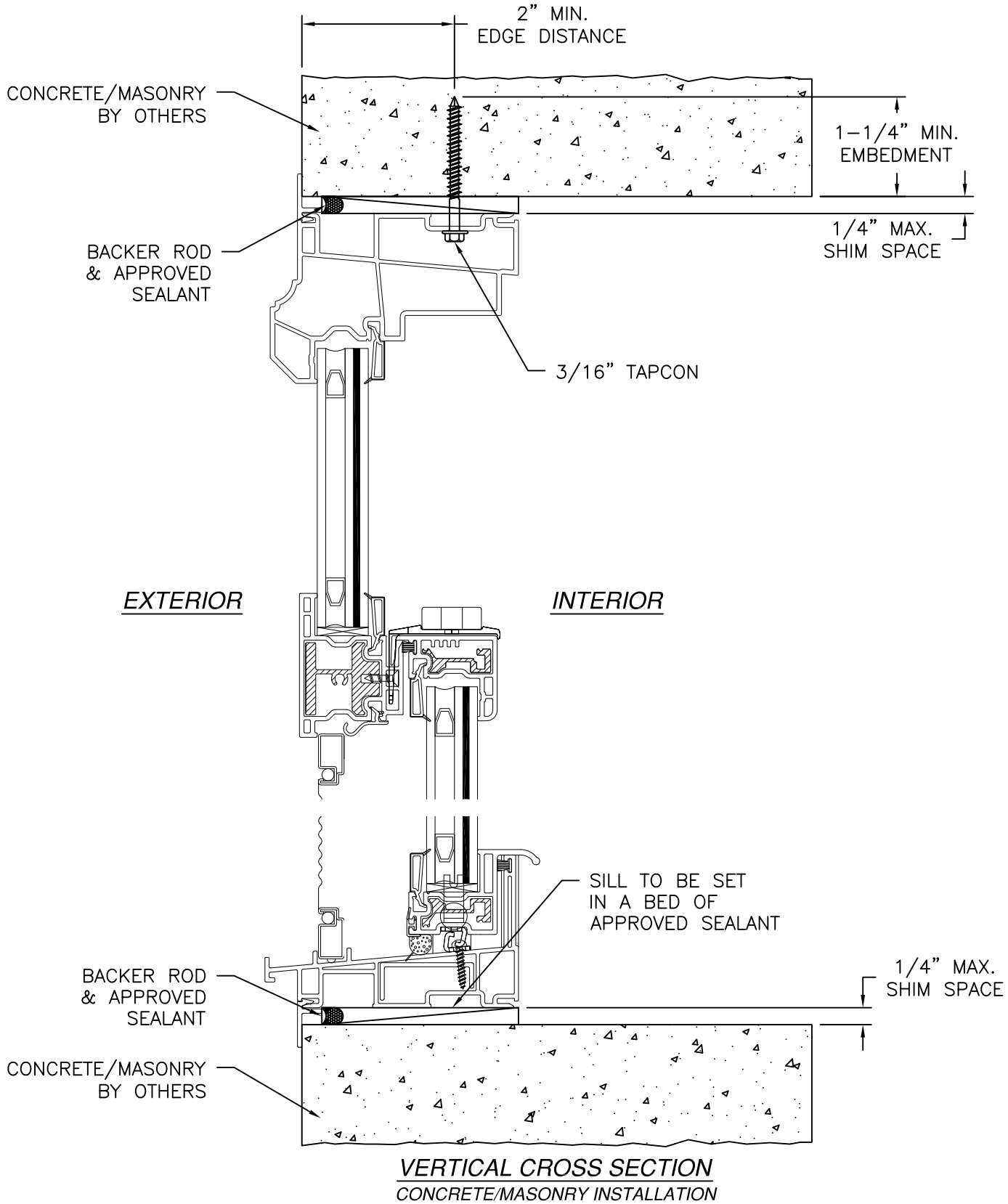
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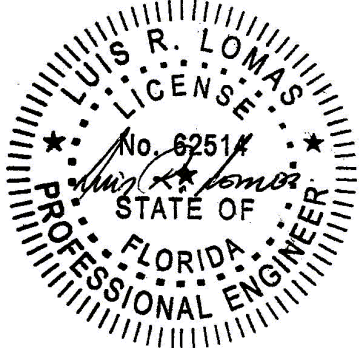
Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

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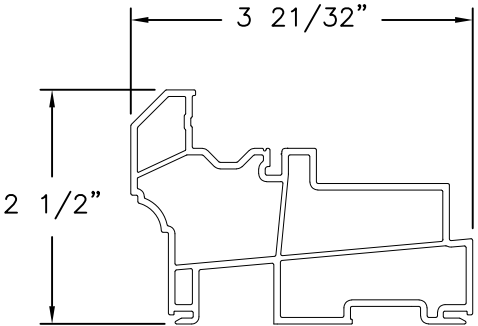
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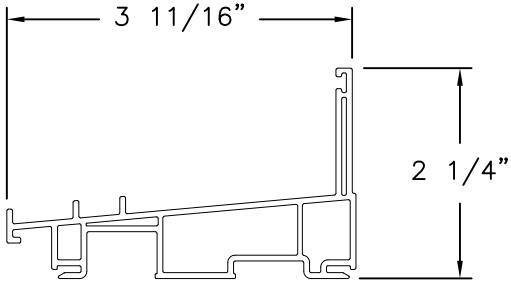


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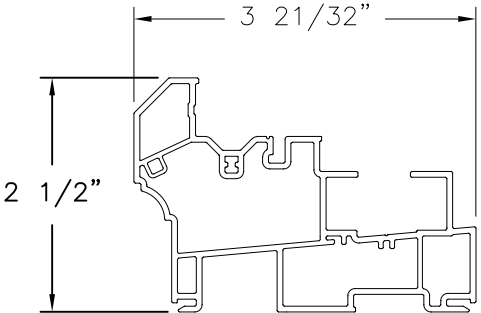
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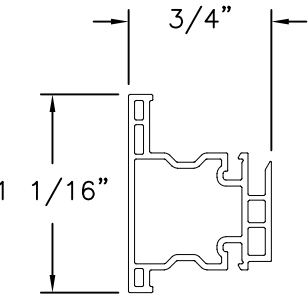
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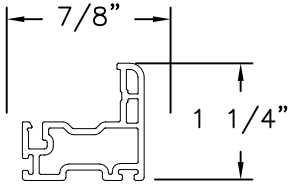
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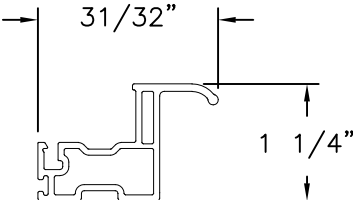
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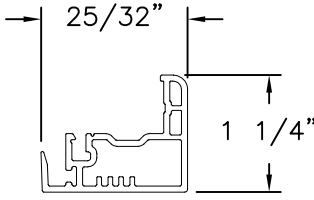
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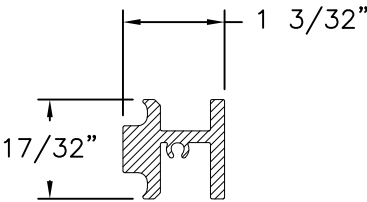
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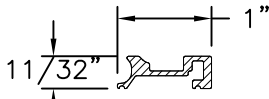
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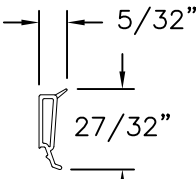
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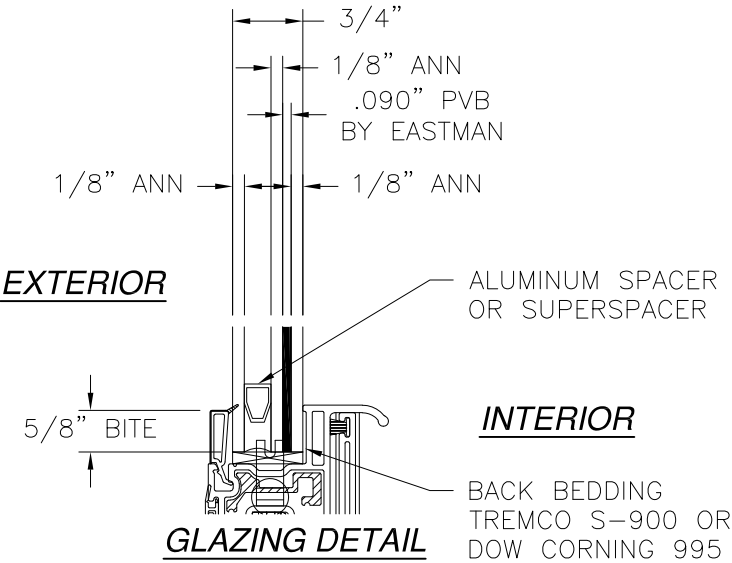
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ALUMINUM 6063-T5



REINFORCEMENT (10300082)
ALUMINUM 6063-T5



GLAZING BEAD (10005470)
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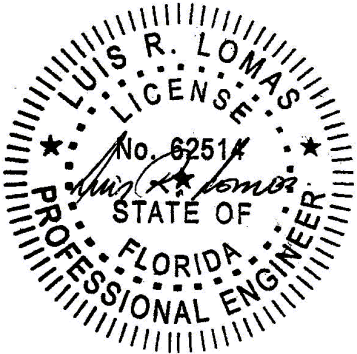
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