

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED ANCHOR SPACING	05/20/2021	R.L.
B	CURRENT FBC & Ops-0061	02/20/26	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 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. 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".
 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 9 FOR GLASS DETAILS.
 12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 13. FOR FIN INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

14. FOR FRAME 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.
15. FOR FRAME 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.
16. FOR FRAME 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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
19. UNITS MAY BE INSTALLED WITH OR WITHOUT FLANGE.
20. WHEN UNITS ARE INSTALLED 30FT OR HIGHER ABOVE GROUND, UNITS MUST BE INSTALLED USING GLASS B.

FL 16412

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

10030 BAVARIA ROAD
FORT MYERS, FLORIDA 33913
800-432-2204

SERIES 176 SH PVB VINYL SINGLE HUNG
WINDOW 53" X 75"
NOTES

DRAWN:
A.R.

DWG NO.
08-03662

REV
B

SCALE NTS

DATE 01/12/21

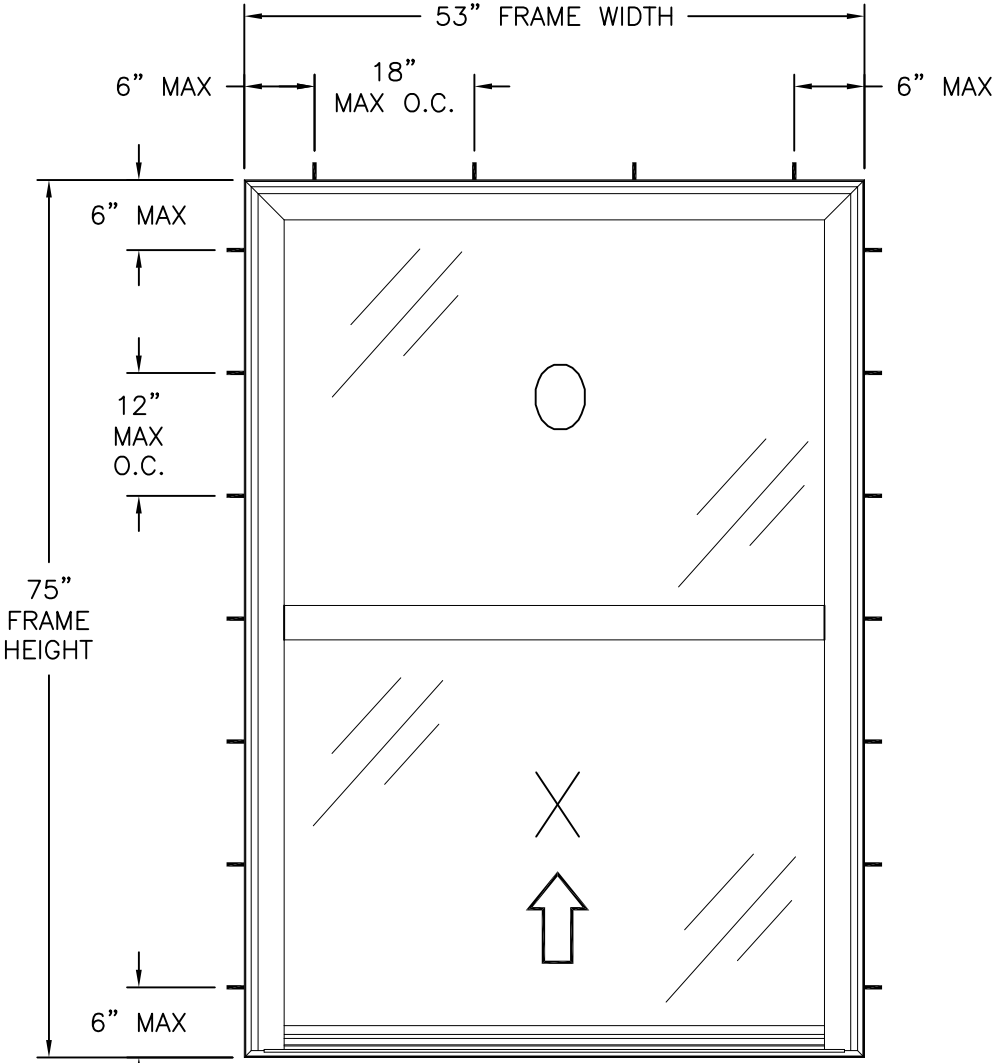
SHEET 1 OF 9

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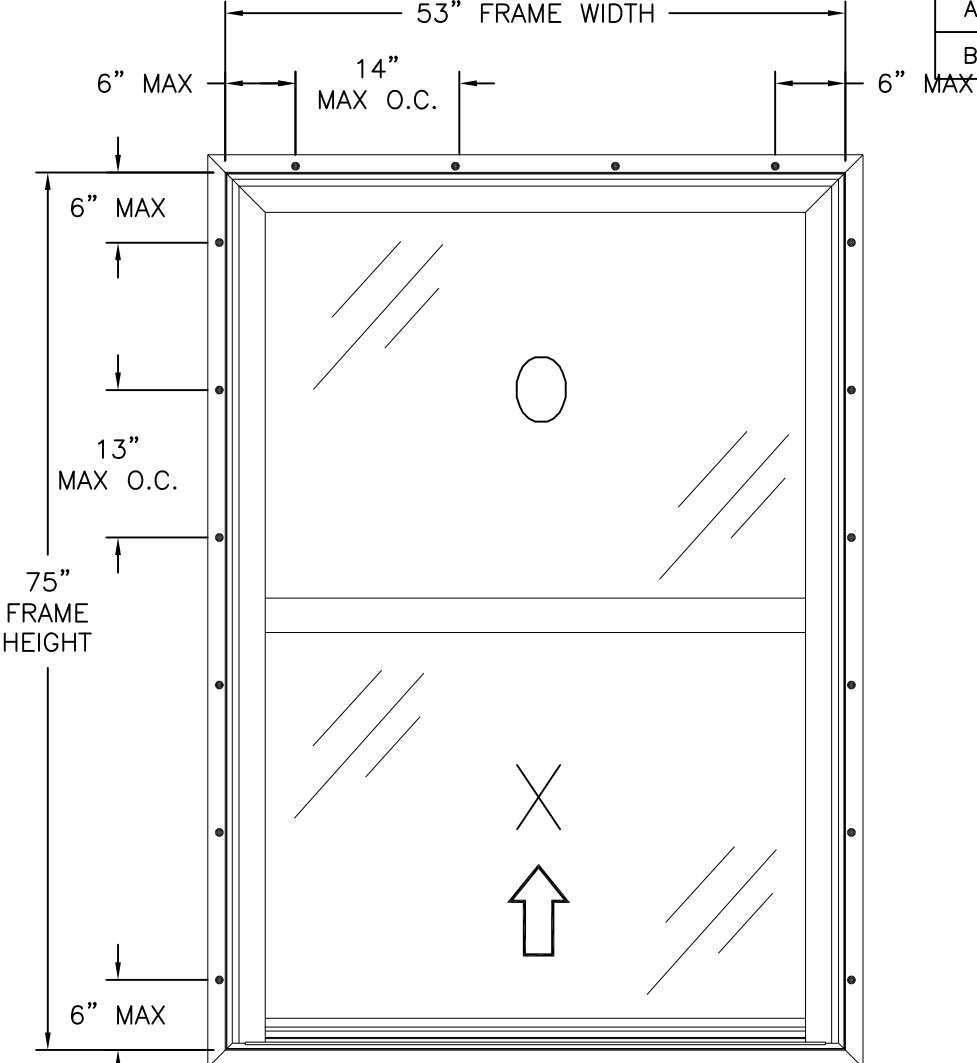
SIGNED: 04/02/2026

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SERIES 176 SH PVB VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FINLESS INSTALLATION



SERIES 176 SH PVB VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
± 60.0 PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

- NOTES:
1. SASH SIZE: 49-1/2" X 37"
 2. D.L.O.: 48-3/16" X 33-11/16"
 3. (2) WEEPS WITH COVER (97-03) AT SILL FACE 2" FROM EACH CORNER.
 4. (2) 1-1/2" X 1/4" WEEP SLOT AT SILL FACE 2" FROM EACH CORNER.
 5. (2) 1/2" X 1/8" WEEP SLOT AT SILL BEHIND GLAZING LEG.

HARDWARE SCHEDULE	
A.	(4) ASHLAND DUAL KEEPERS (13999) AT KEEPER RAIL 8" FROM EACH JAMB
B.	(4) ASHLAND DUAL LOCKS (D2100AL/R) AT KEEPER RAIL 8" FROM EACH JAMB
C.	(2) CALDWELL COIL BALANCE SYSTEM (880) ONE AT EACH JAMB
D.	(2) CALDWELL TILT LATCH (20F00041) 1 1/2" FROM EACH SASH TOP RAIL CORNER
E.	(2) CALDWELL PIVOT BAR (16Y513) ONE AT EACH END OF OPERABLE SASH BOTTOM RAIL



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

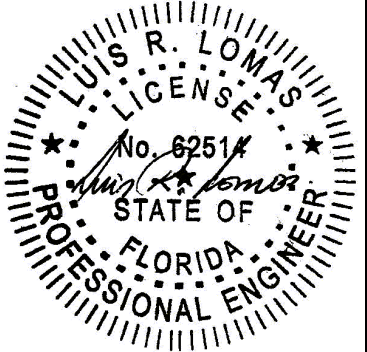
10030 BAVARIA ROAD
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800-432-2204

SERIES 176 SH PVB VINYL SINGLE HUNG WINDOW 53" X 75" ELEVATIONS

DRAWN: A.R.	DWG NO. 08-03662	REV B
SCALE NTS	DATE 01/12/21	SHEET 2 OF 9

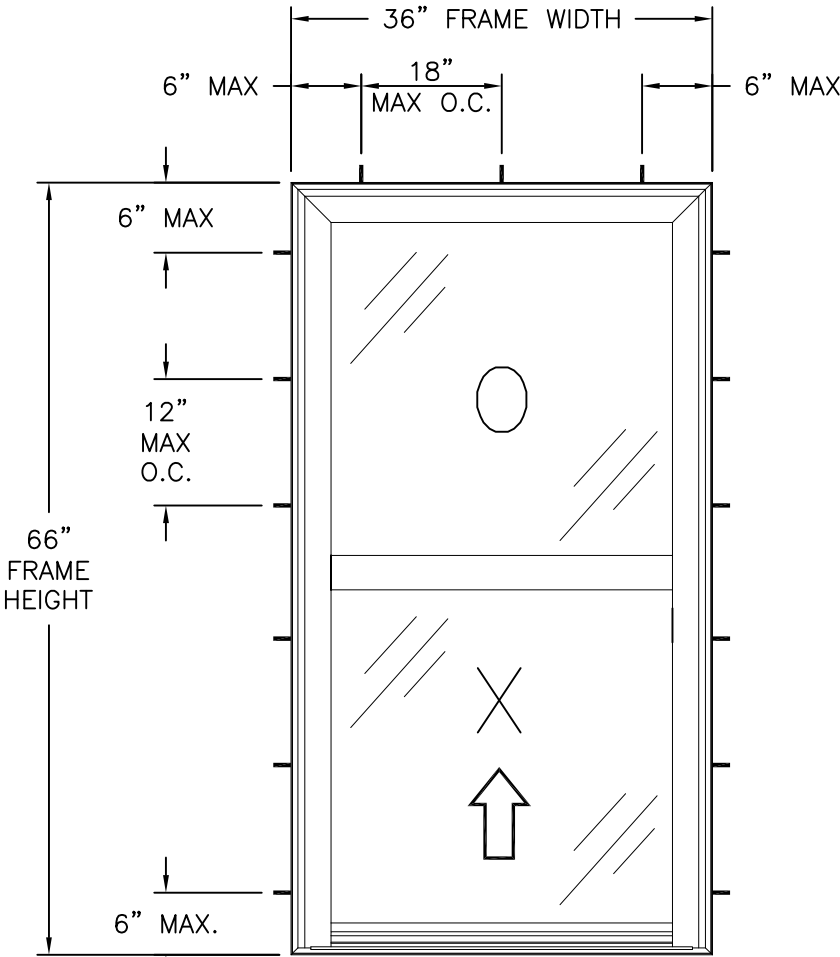
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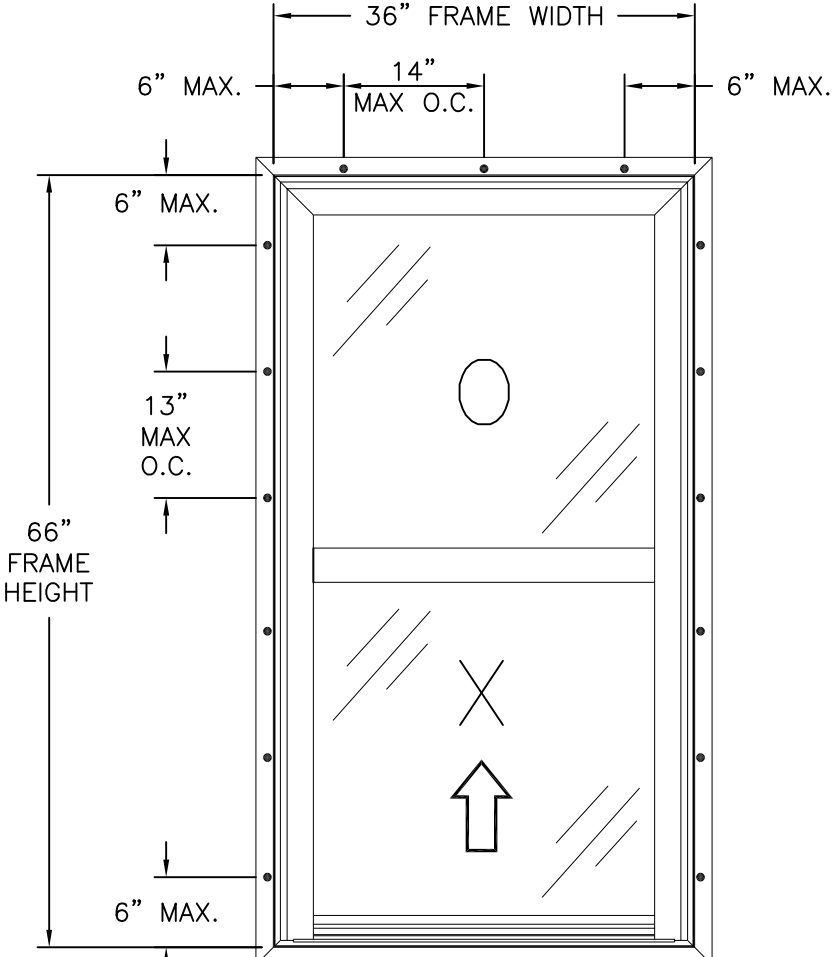


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 EXTERIOR VIEW
 FINLESS INSTALLATION



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±80.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

- NOTES:
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 2. D.L.O.: 31-3/16" X 29-3/16"

FL 16412



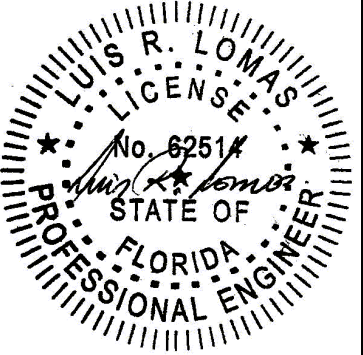
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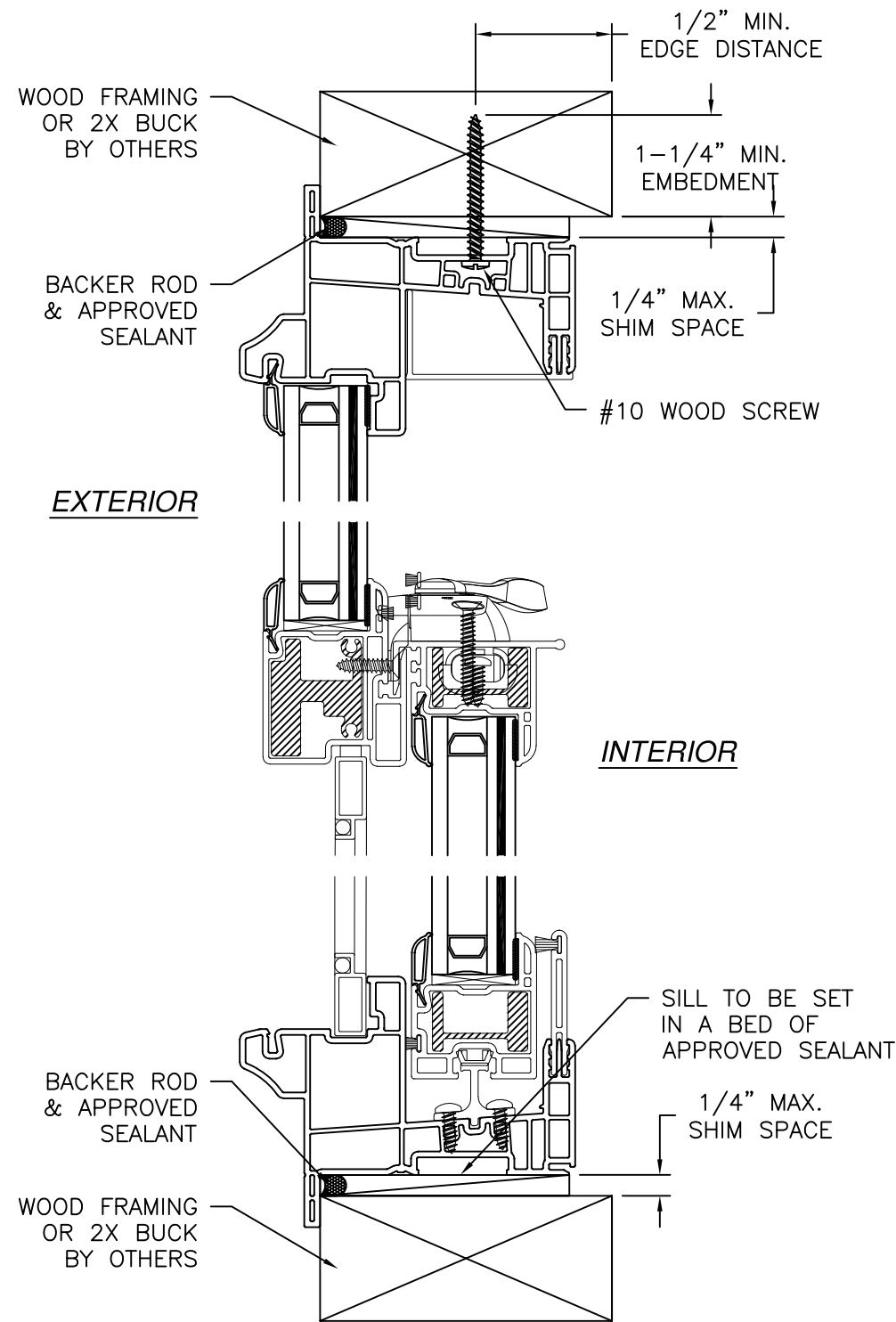
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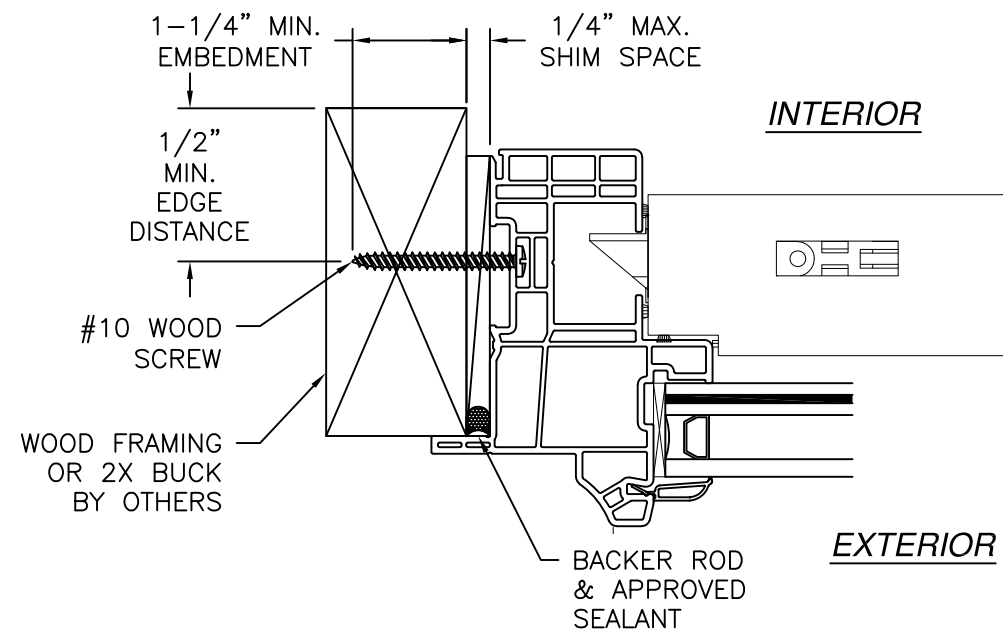
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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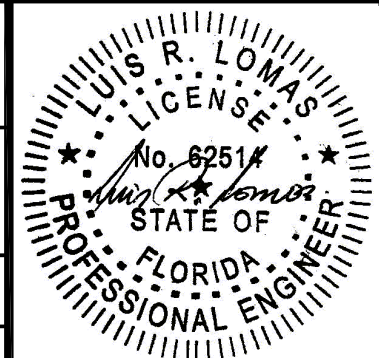
EASTERN ARCHITECTURAL SYSTEMS
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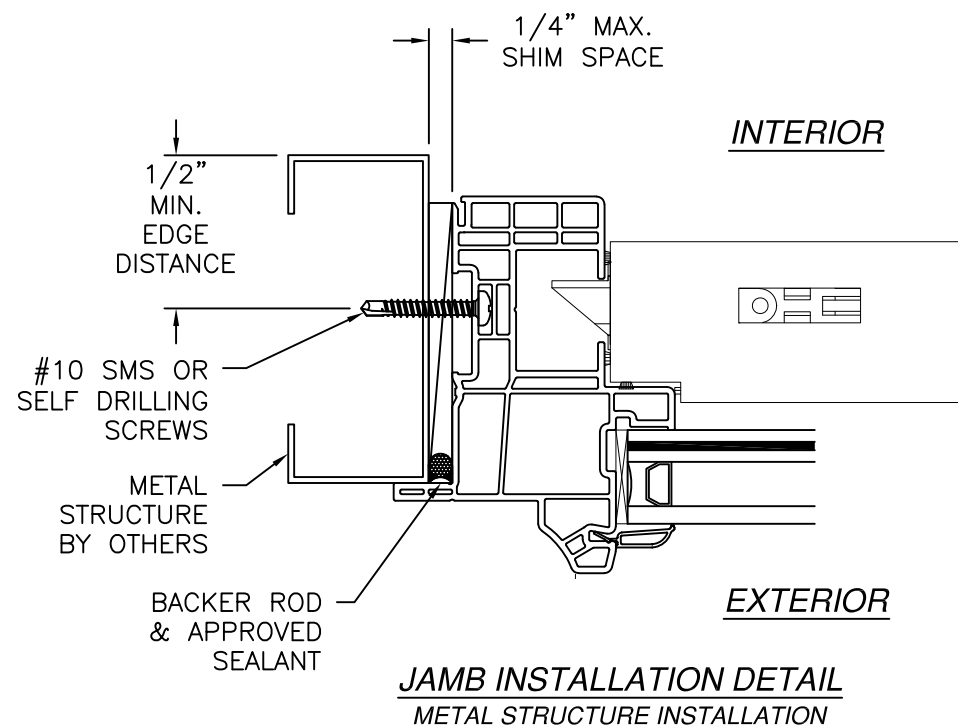
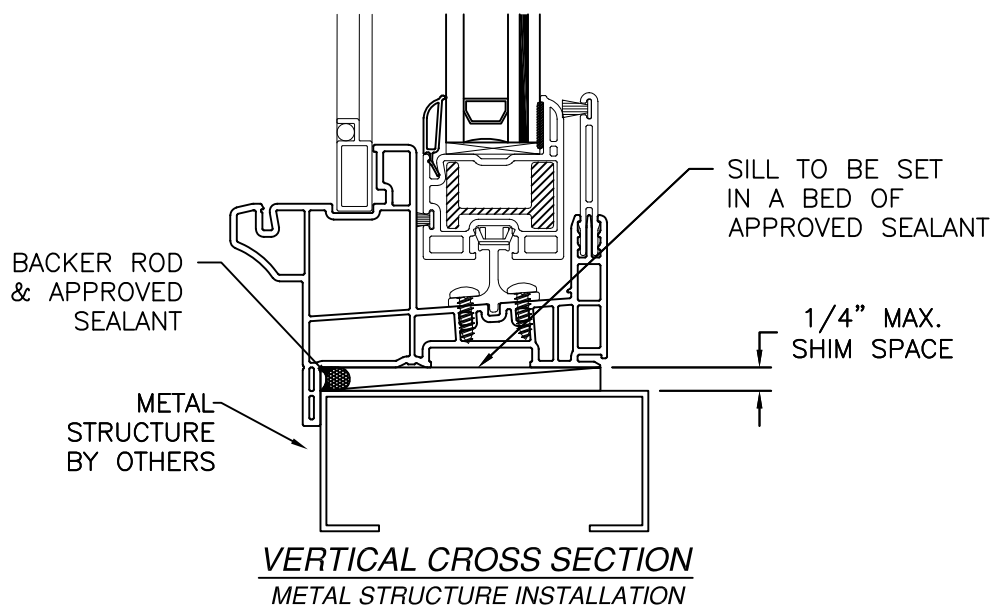
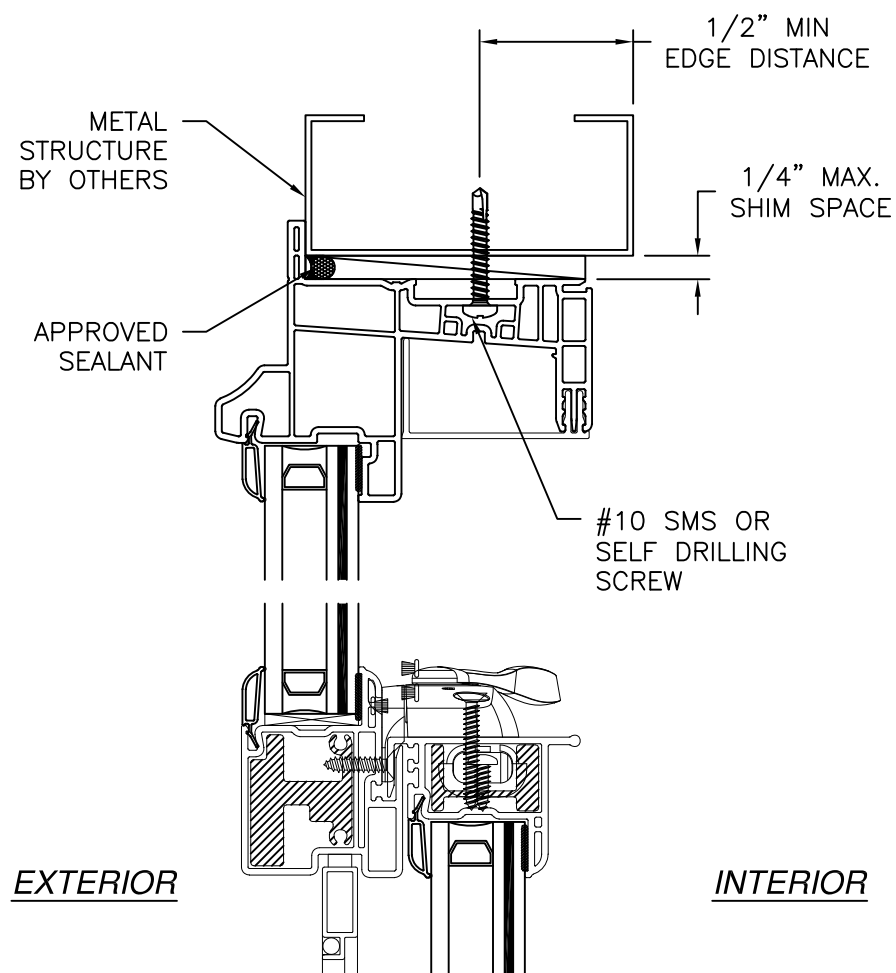
SERIES 176 SH PVB VINYL SINGLE HUNG WINDOW 53" X 75" INSTALLATION DETAILS

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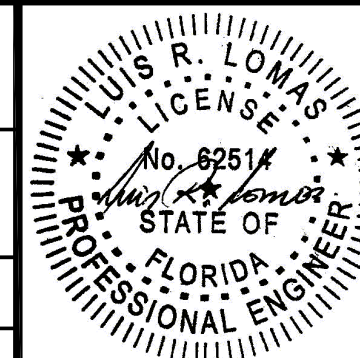
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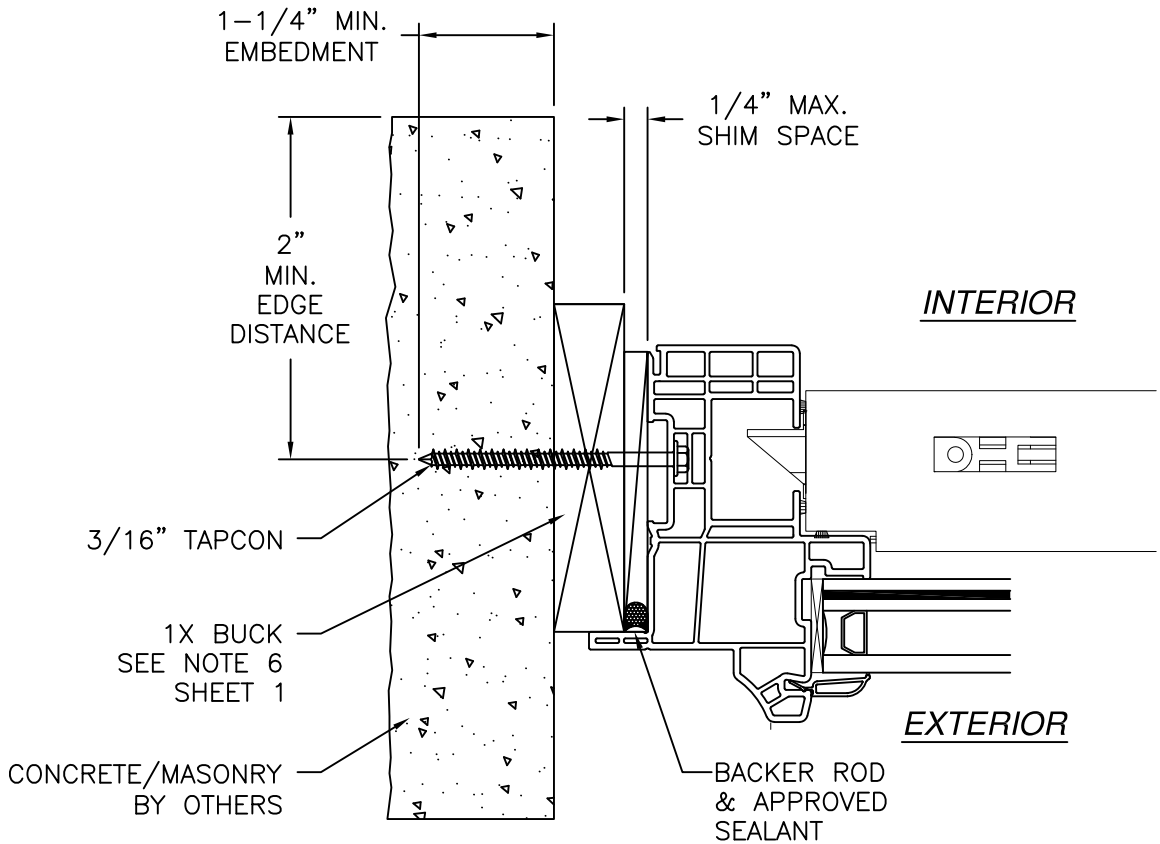
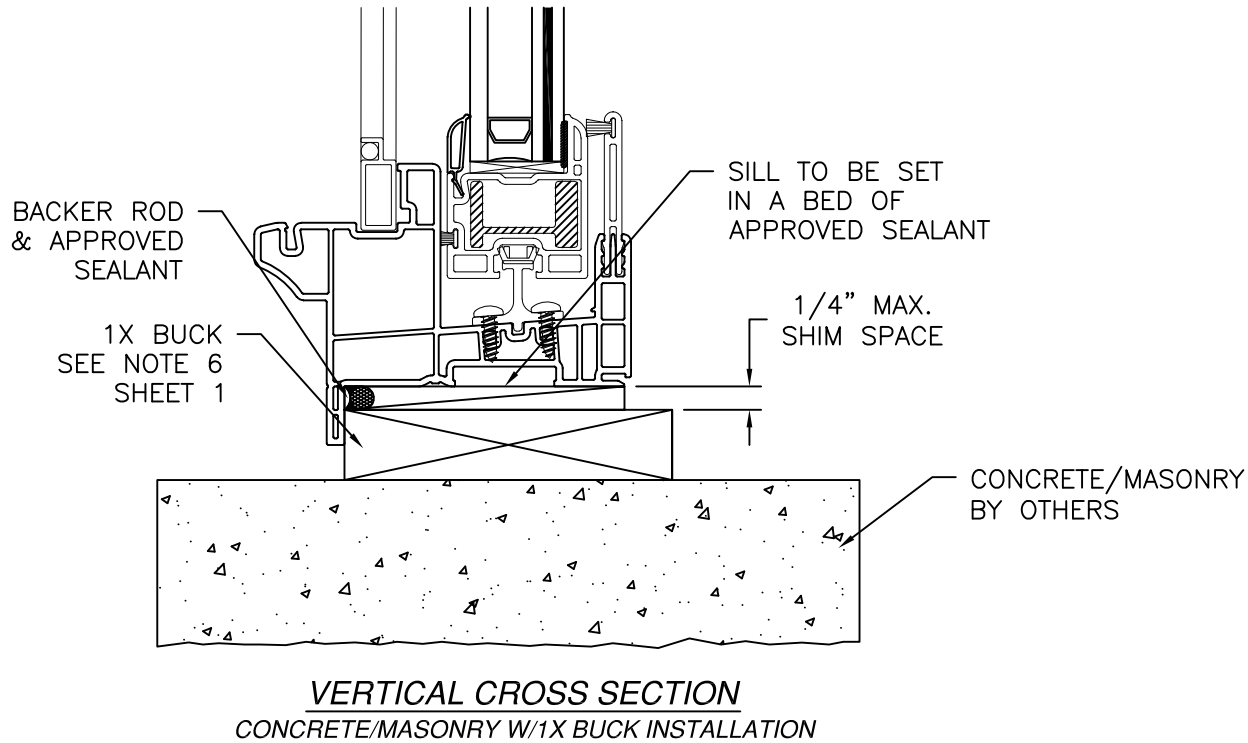
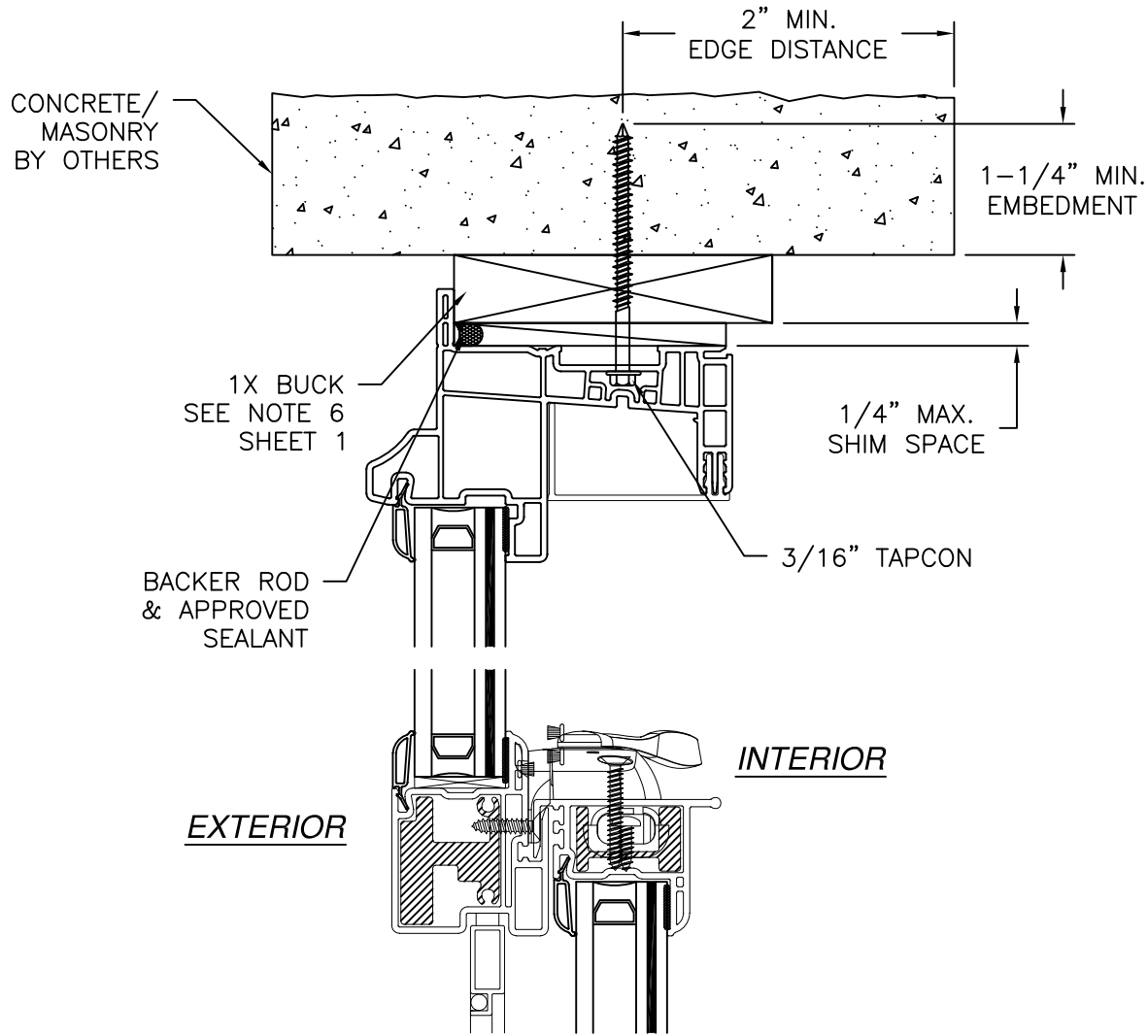
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY W/1X BUCK INSTALLATION

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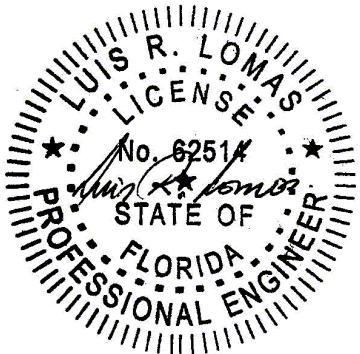
Eastern
 ARCHITECTURAL SYSTEMS
 ALUMINUM AND VINYL
 IMPACT WINDOWS AND DOORS

EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
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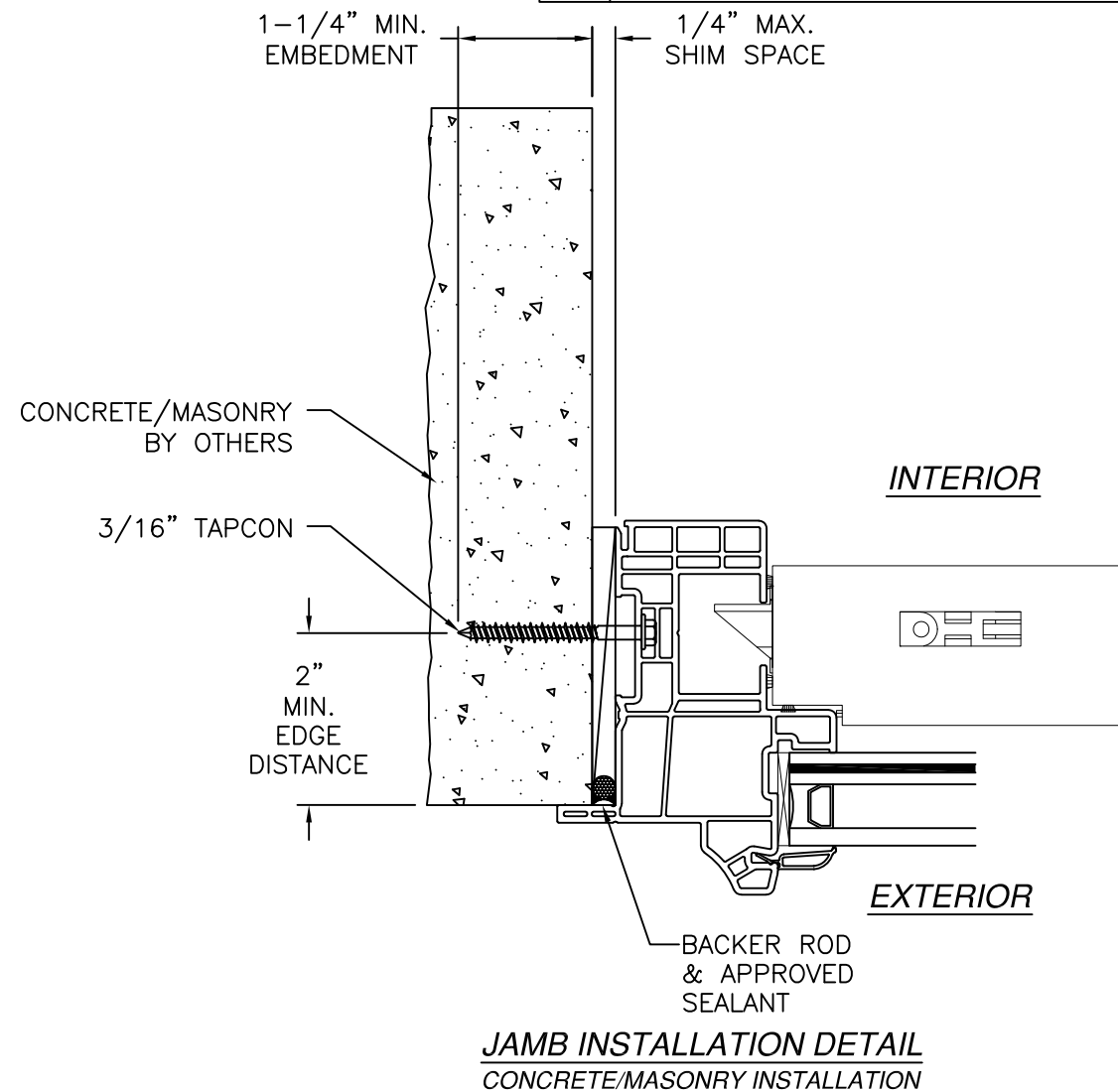
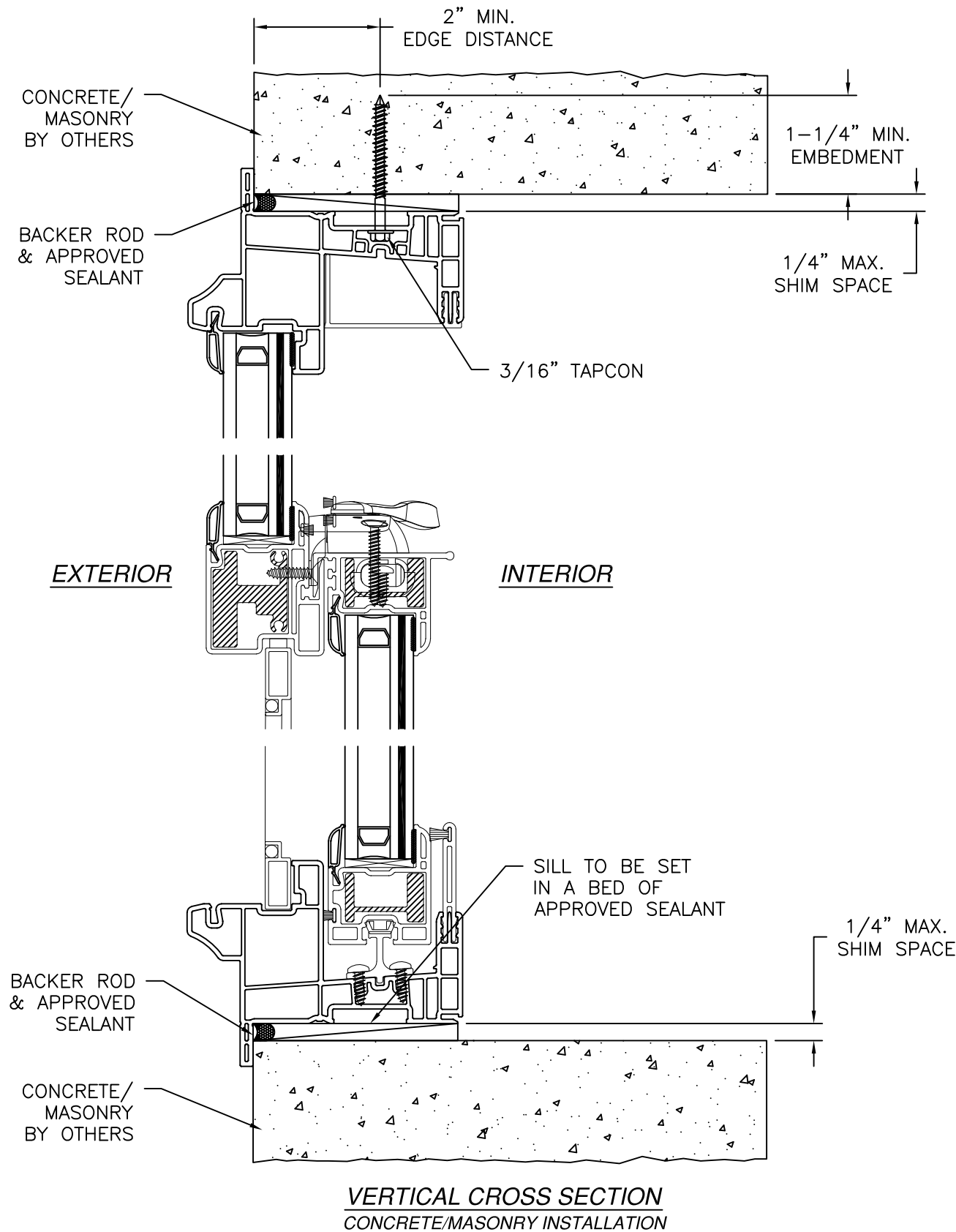
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FORT MYERS, FLORIDA 33913

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SERIES 176 SH PVB VINYL SINGLE HUNG

WINDOW 53" X 75"

INSTALLATION DETAILS

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7

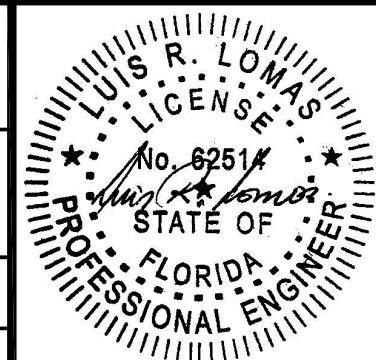
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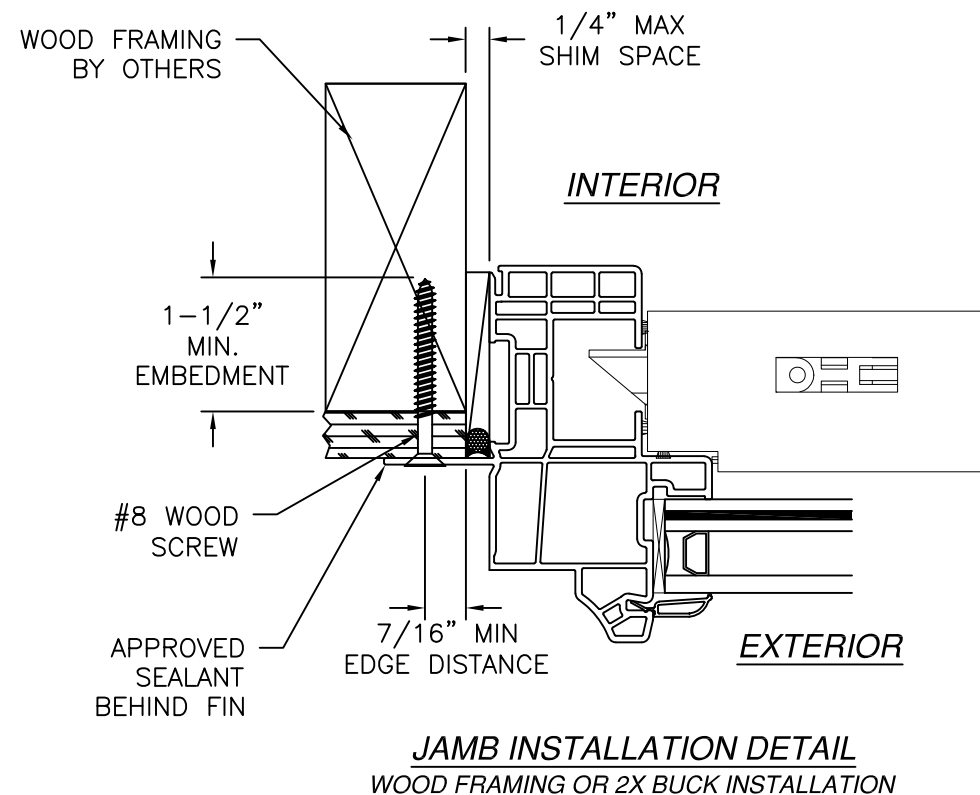
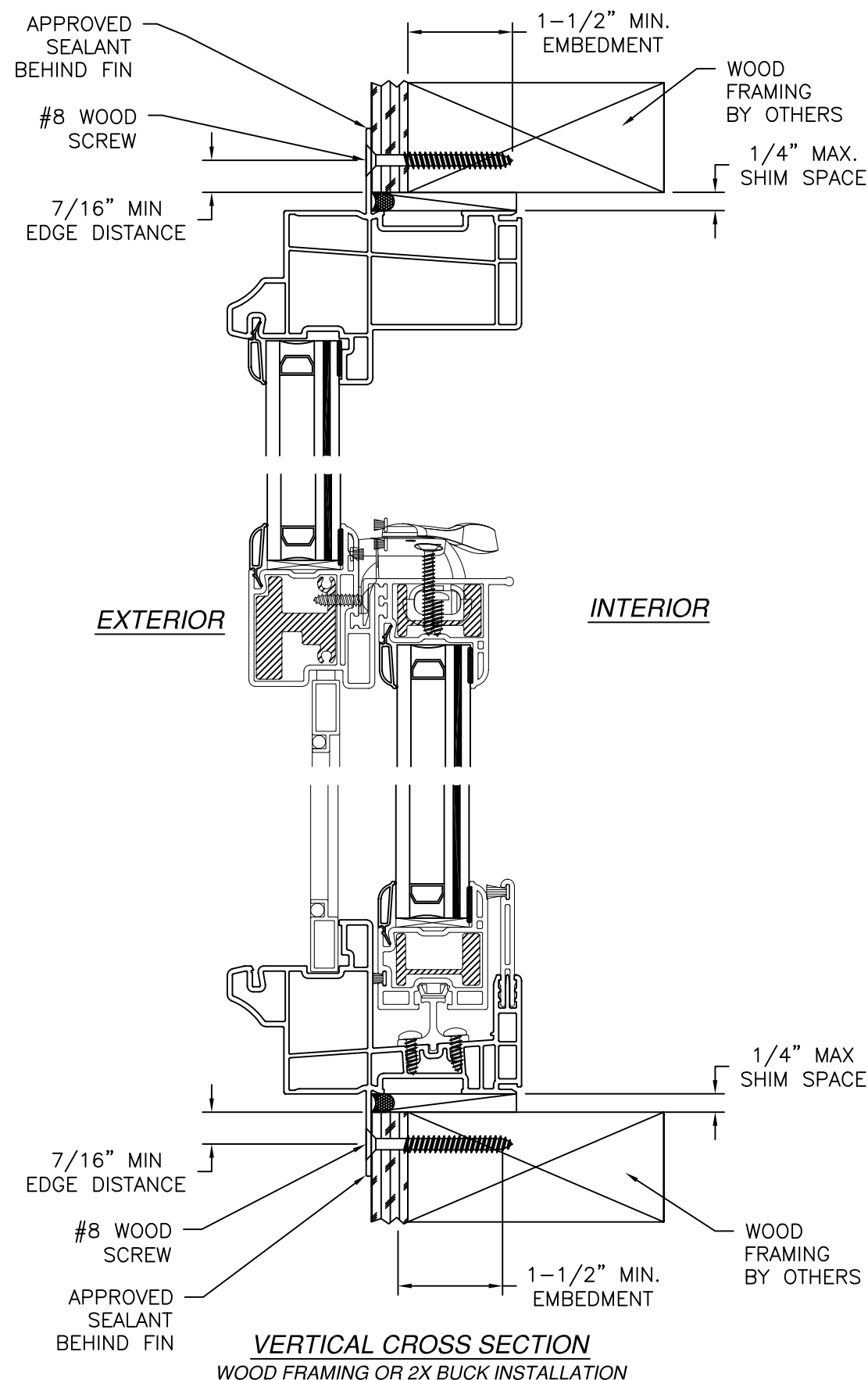
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Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

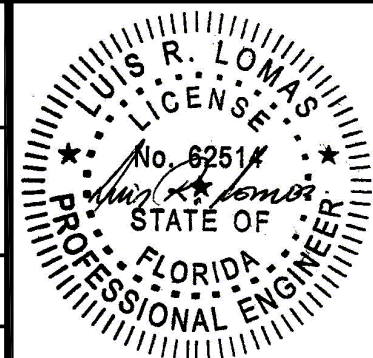
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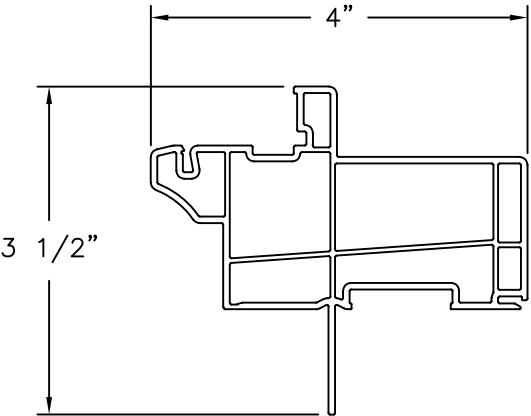
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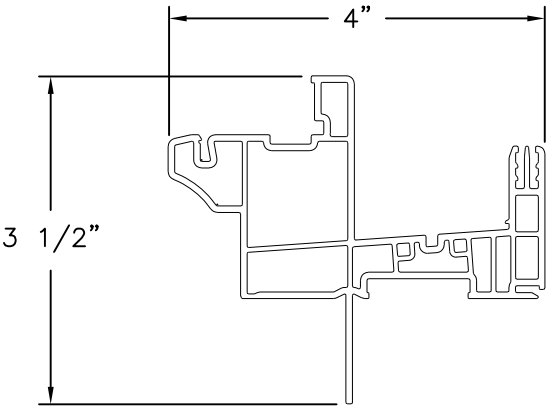


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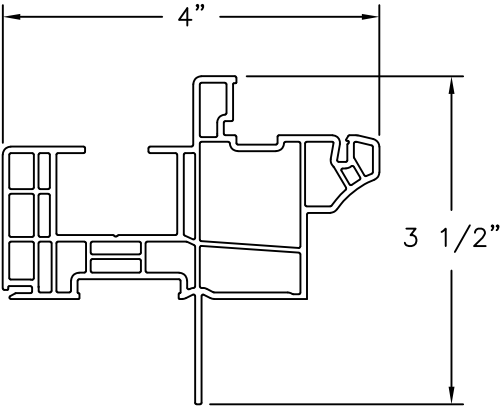
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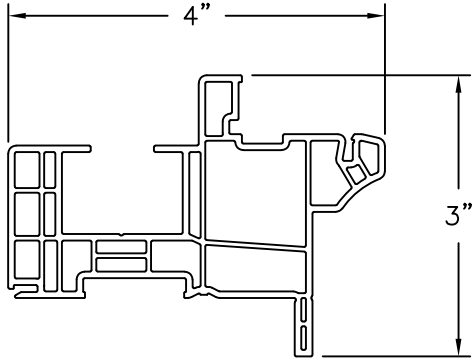
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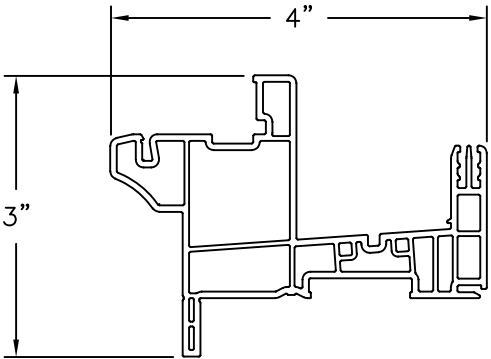
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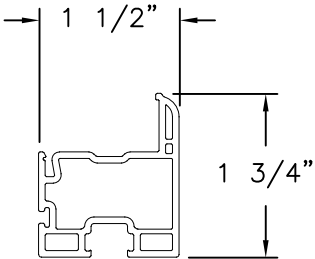
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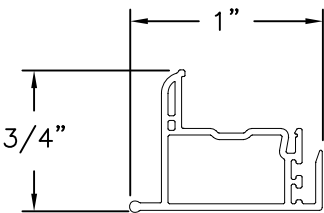
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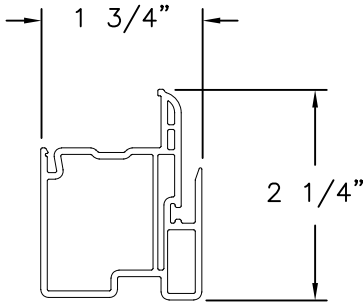
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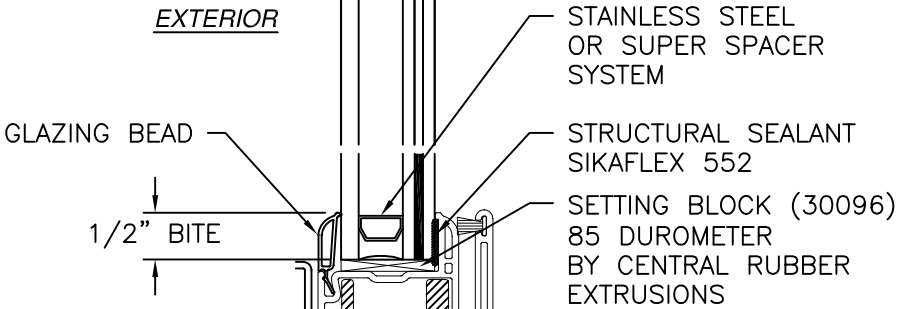
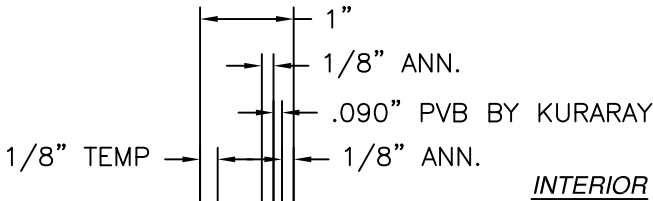
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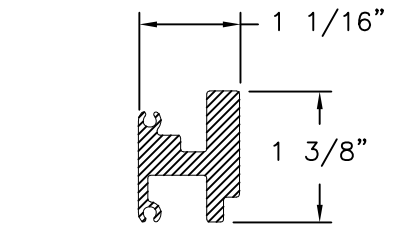
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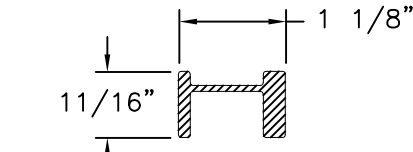
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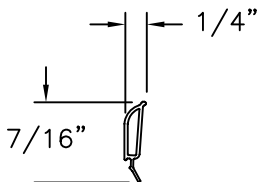
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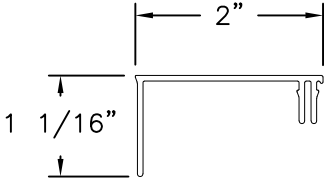
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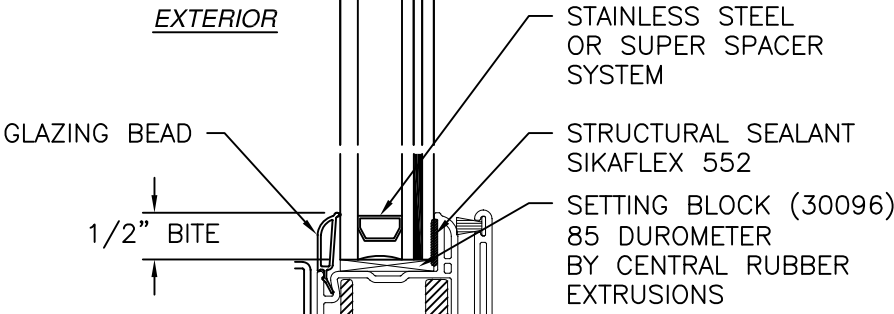
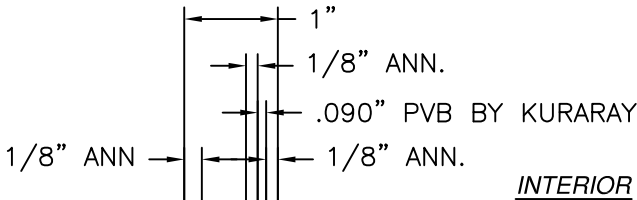
REINFORCEMENT (55557)
6005-T5 ALUMINUM



GLAZING BEAD (5464)
EXTRUDED RIGID PVC



FLANGE
FRAME COVER (4722)
EXTRUDED RIGID PVC



GLAZING DETAIL A



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
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10030 BAVARIA ROAD
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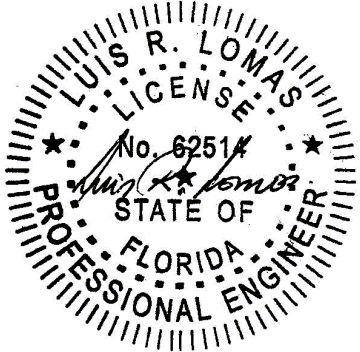
SERIES 176 SH PVB VINYL SINGLE HUNG WINDOW 53" X 75"

COMPONENTS AND GLAZING DETAILS

DRAWN: A.R.	DWG NO. 08-03662	REV B
SCALE NTS	DATE 01/12/21	SHEET 9 OF 9

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SIGNED: 04/02/2026



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