

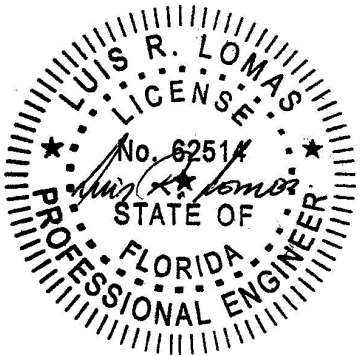
- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 3. WHERE 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.
 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 5. FRAME MATERIAL: EXTRUDED RIGID PVC.
 6. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLASS DETAILS.
 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 9. FOR ANCHORING 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.
 10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2-1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 11. FOR ANCHORING 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.
 12. ALL FASTENERS TO BE CORROSION RESISTANT.
 13. 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 1/8" THICK MINIMUM
 14. FLANGE IS USED FOR INSTALLATION PURPOSES ONLY AND MAYBE REMOVED FOR BOX FRAME INSTALLATION.
 15. ADD-ON SILL RISER MUST BE INSTALLED IN THIS PRODUCT IN ORDER TO MAINTAIN DESIGN PRESSURE RATING AS SHOWN HEREIN.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	06/23/2015	R.L.
B	REVISED PER NEW TESTING	04/11/2023	R.L.
C	CURRENT FBC & Ops-0061	02/20/26	LMH

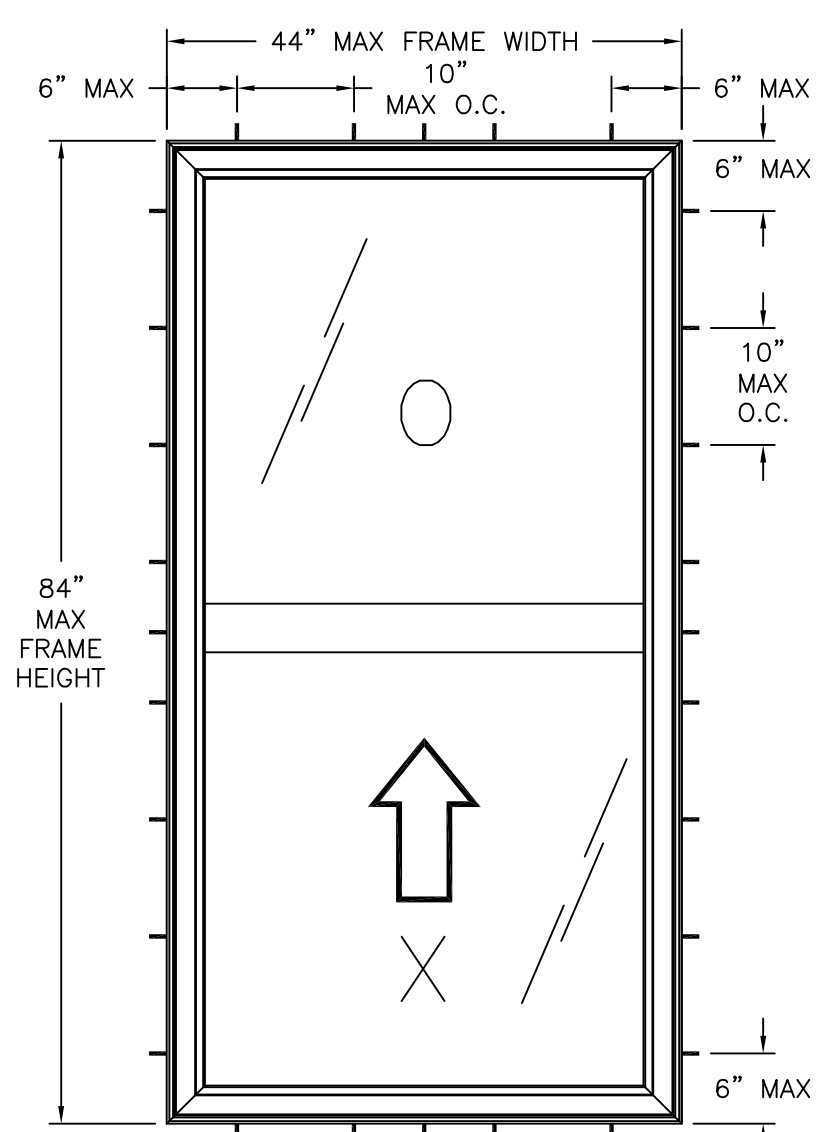
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SHEET NO.	DESCRIPTION
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3 - 6	INSTALLATION DETAILS

 EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF CORNERSTONE BUILDING BRANDS 16341 DOMESTIC AVE FORT MYERS, FL 33912 800-432-2204	
SERIES HD2451/2461 VINYL SINGLE HUNG IMPACT WINDOW NOTES	
DRAWN: V.L.	DWG NO. 08-01933
SCALE NTS	DATE 02/26/13
SHEET 1 OF 6	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com	

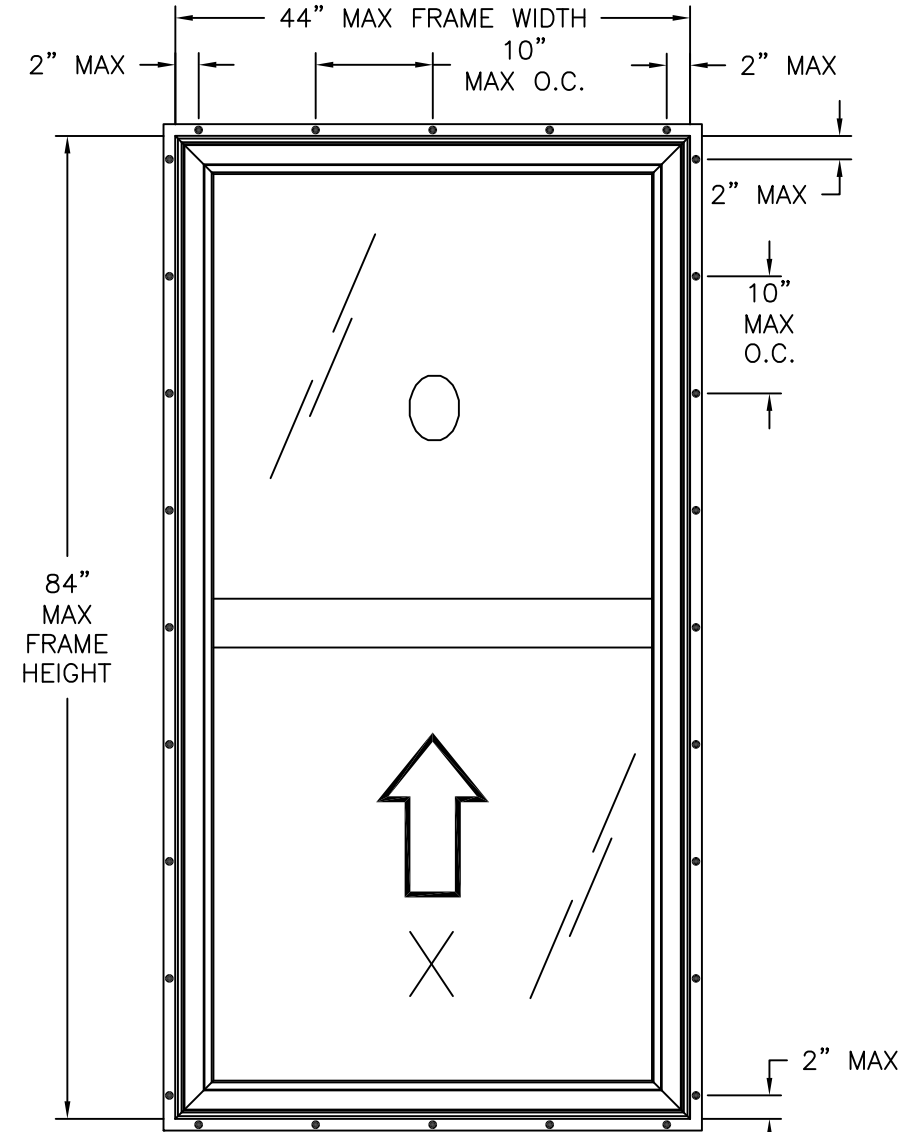
SIGNED: 04/02/2026



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



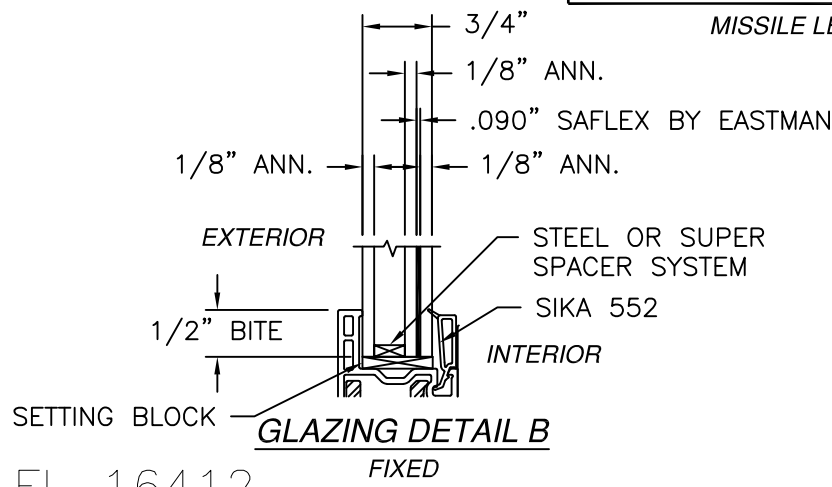
SERIES HD2461 SINGLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



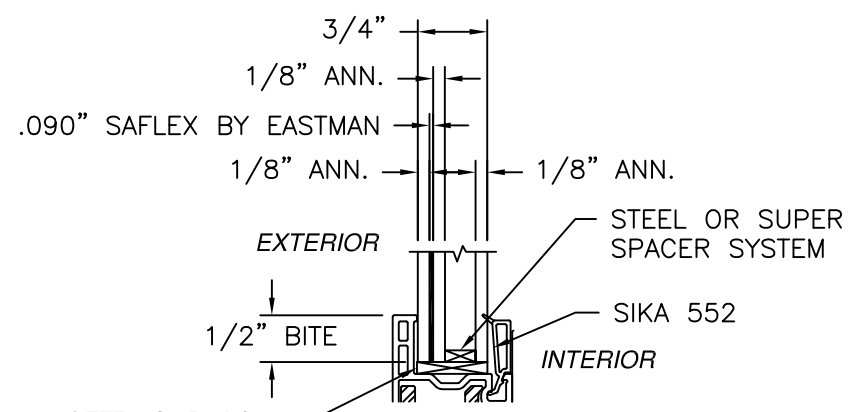
SERIES HD2451 SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
± 65.0 PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

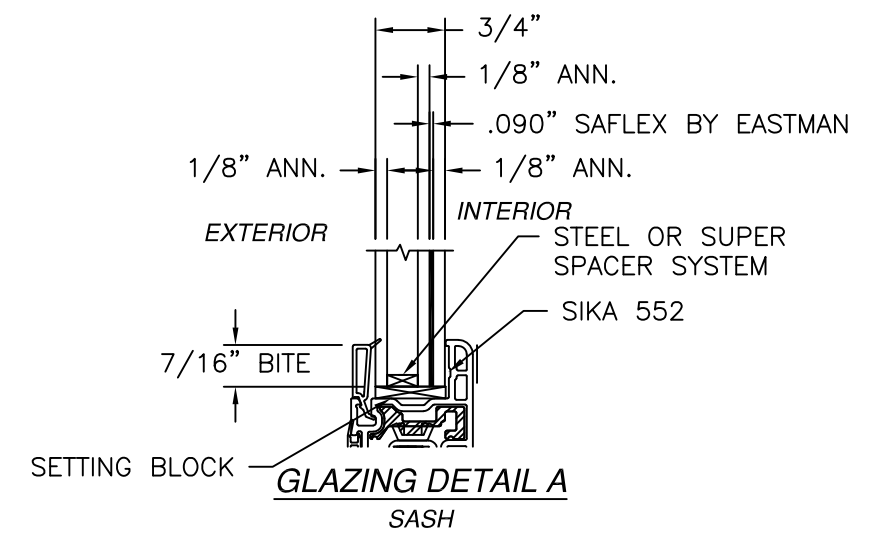


GLAZING DETAIL B
FIXED



GLAZING DETAIL C
FIXED

REVISIONS			
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GLAZING DETAIL A
SASH



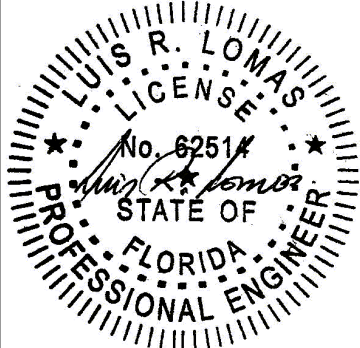
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

**SERIES HD2451/2461 VINYL SINGLE HUNG
IMPACT WINDOW
ELEVATION**

DRAWN: V.L.	DWG NO. 08-01933	REV C
SCALE NTS	DATE 02/26/13	SHEET 2 OF 6

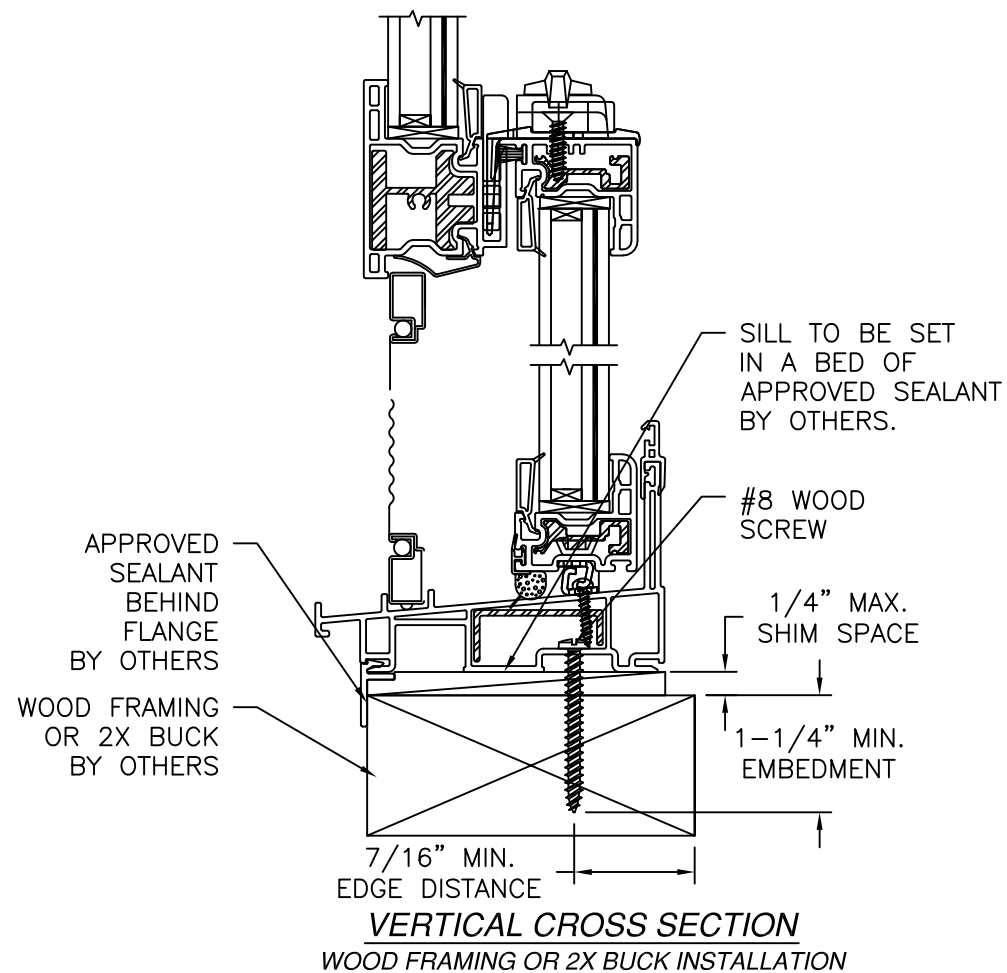
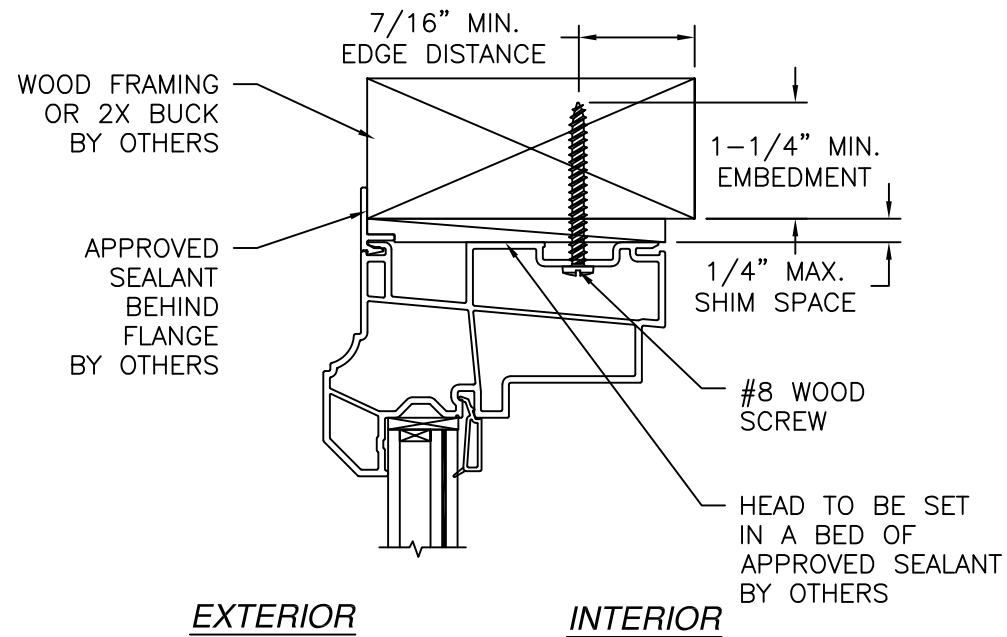
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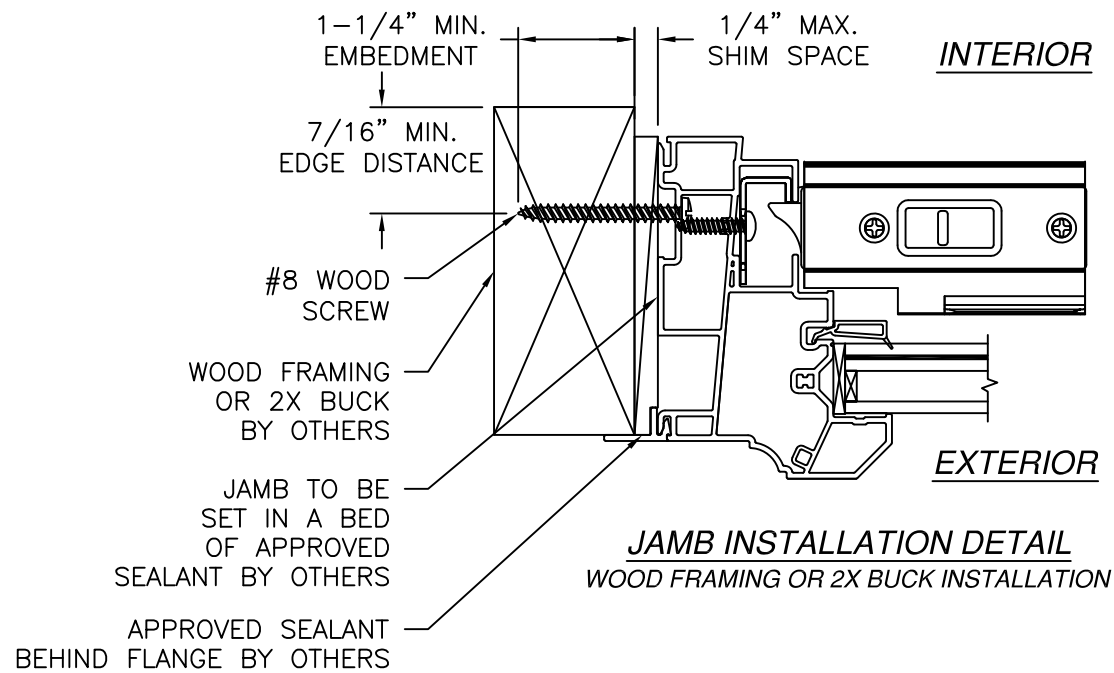
FL 16412



NOTES:

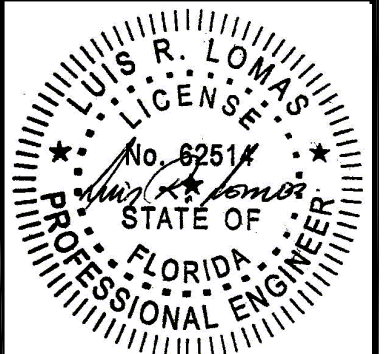
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
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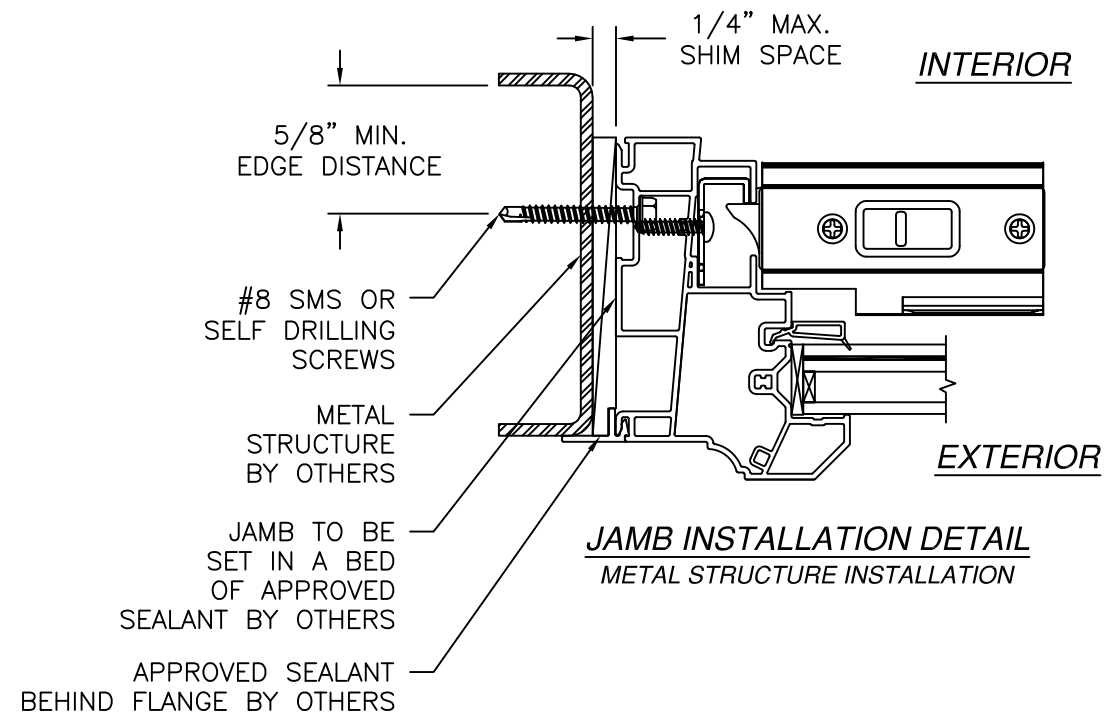
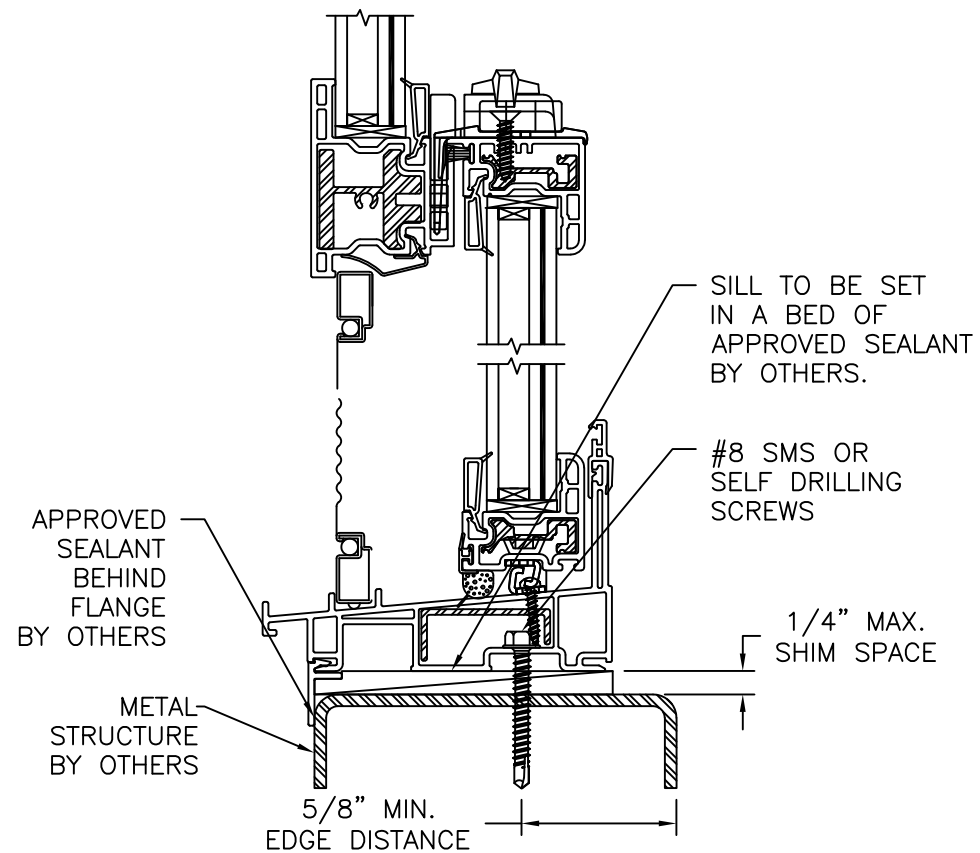
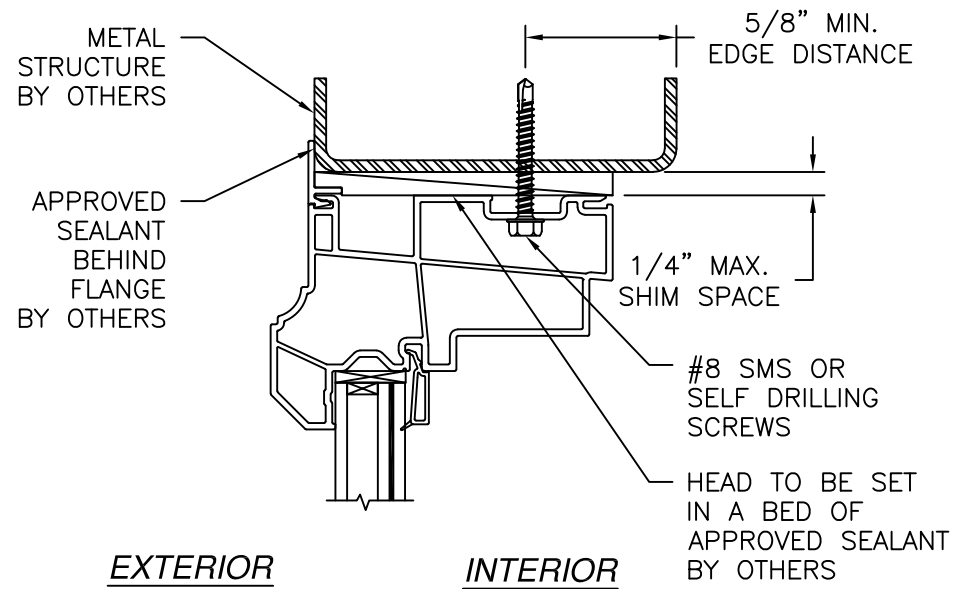
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		EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF CORNERSTONE BUILDING BRANDS 16341 DOMESTIC AVE FORT MYERS, FL 33912 800-432-2204	
SERIES HD2451/2461 VINYL SINGLE HUNG IMPACT WINDOW INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01933	REV C	
SCALE NTS	DATE 02/26/13	SHEET 3 OF 6	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			



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FL 16412

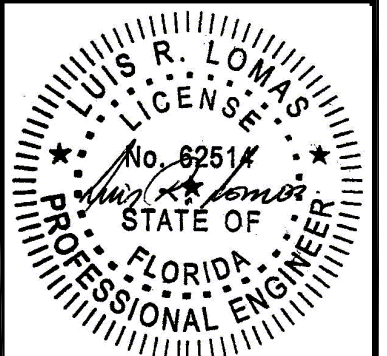


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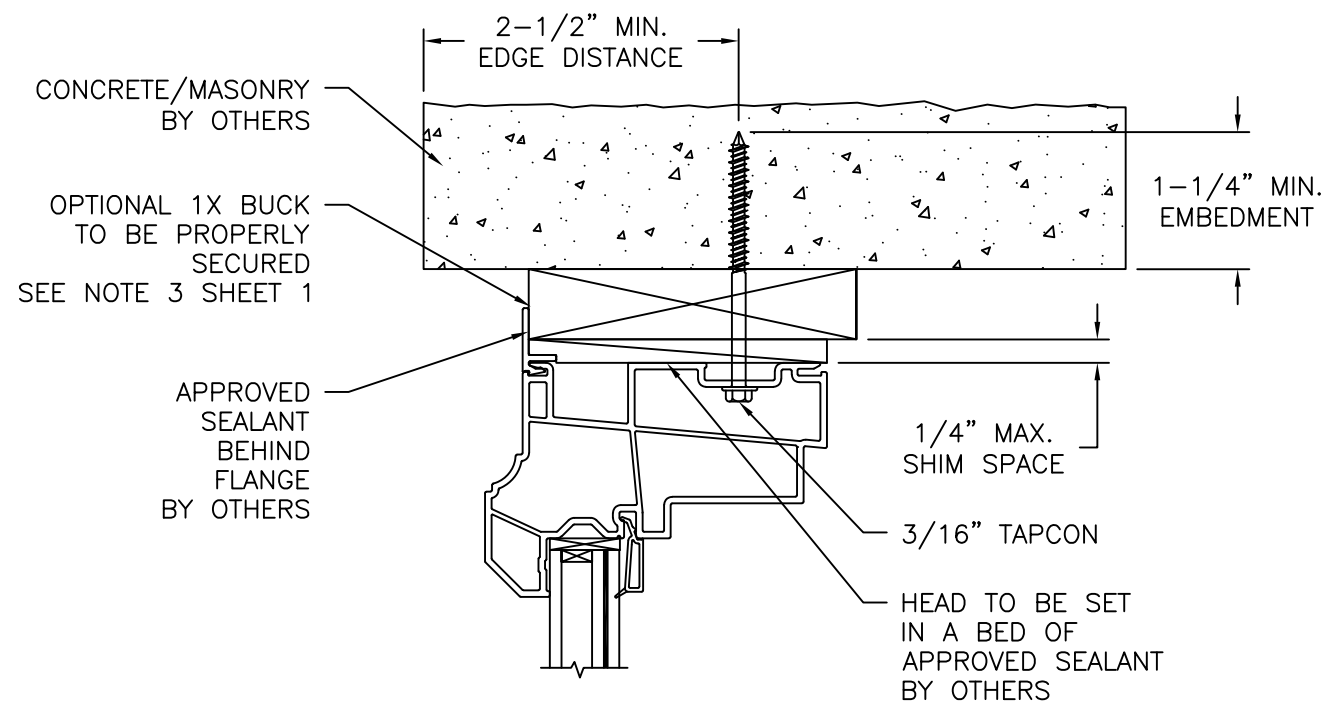
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SHEET 4		OF 6	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			

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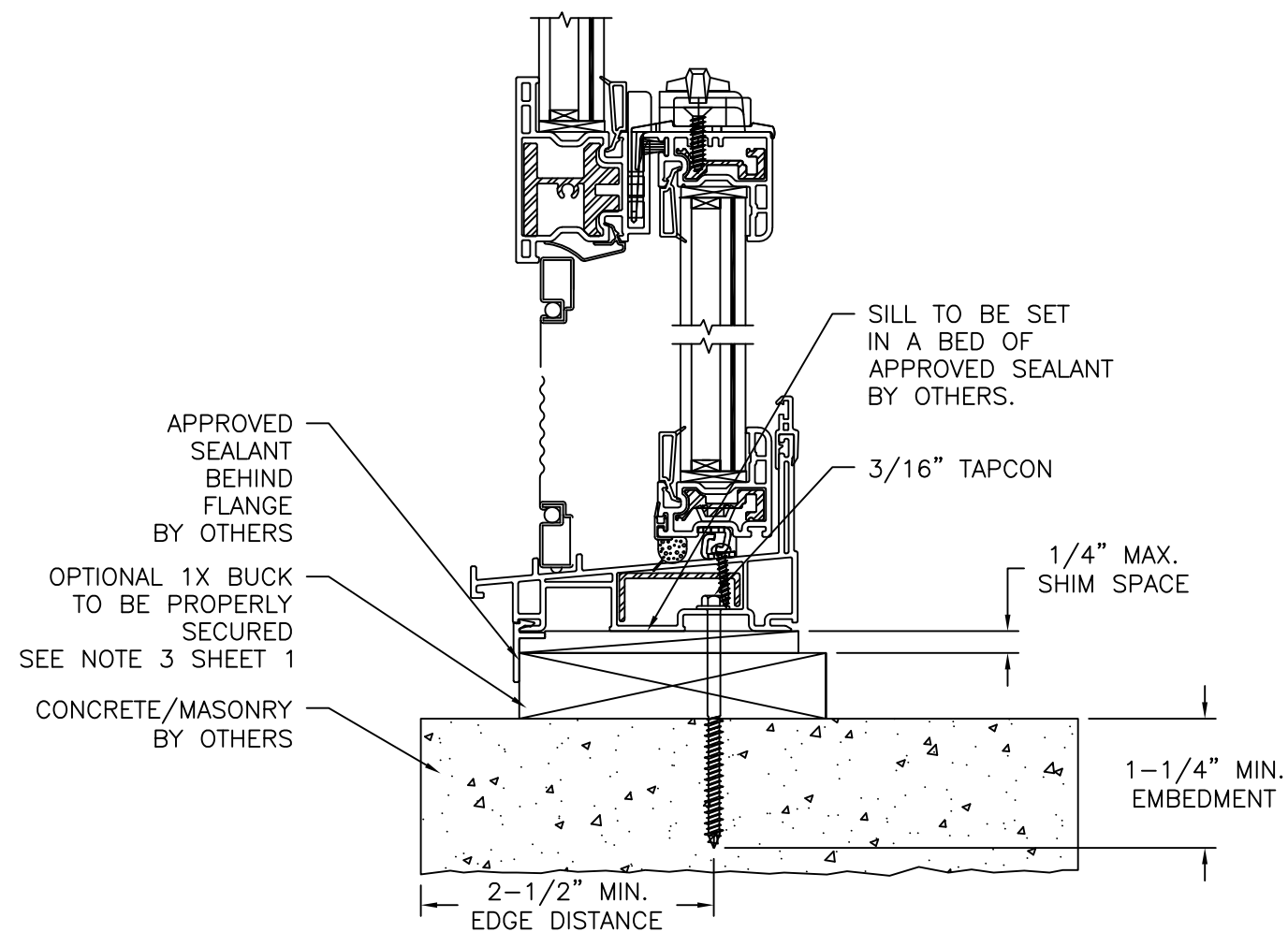


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EXTERIOR

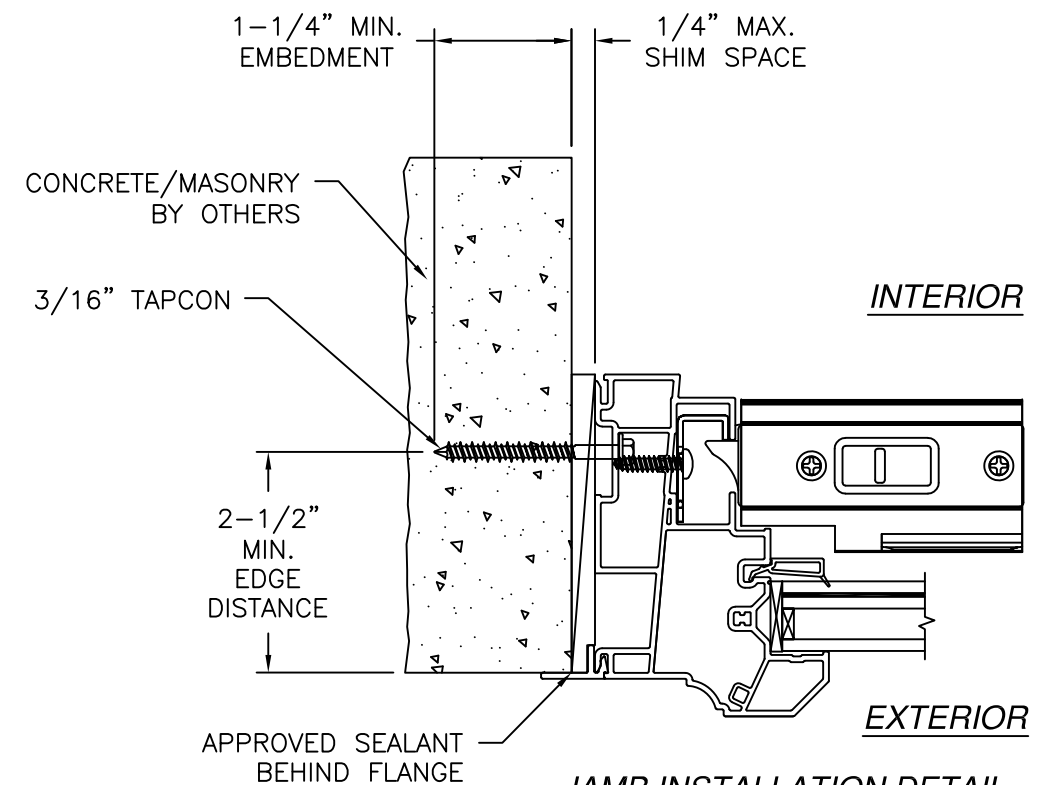
INTERIOR



VERTICAL CROSS SECTION

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

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JAMB INSTALLATION DETAIL

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

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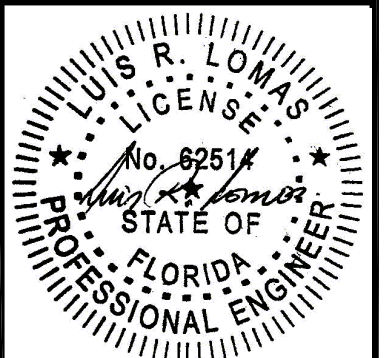


EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
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SERIES HD2451/2461 VINYL SINGLE HUNG
IMPACT WINDOW
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01933	REV C
SCALE NTS	DATE 02/26/13	SHEET 5 OF 6

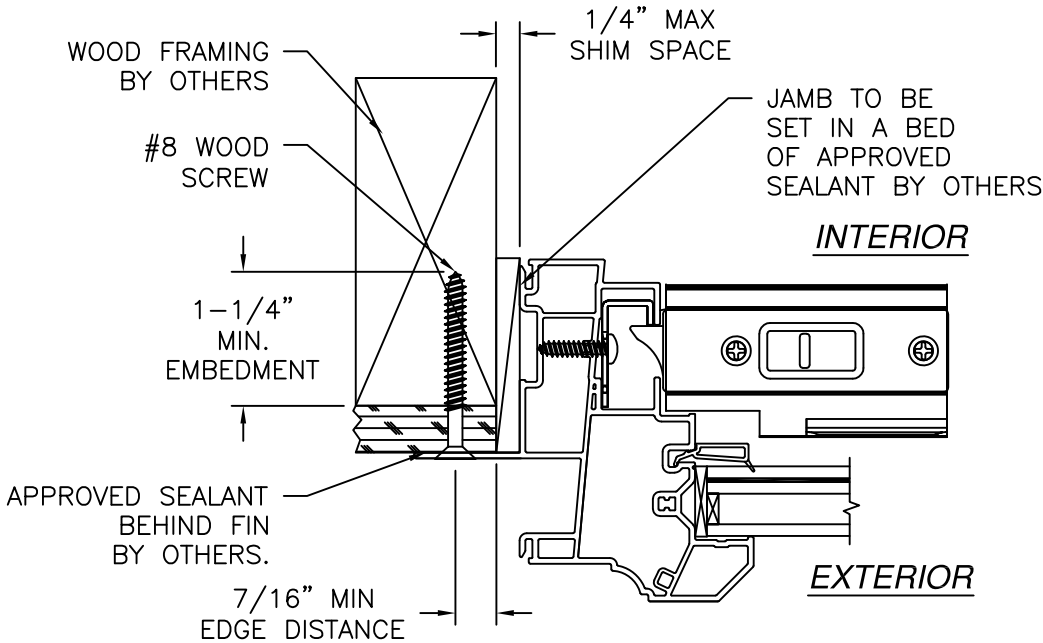
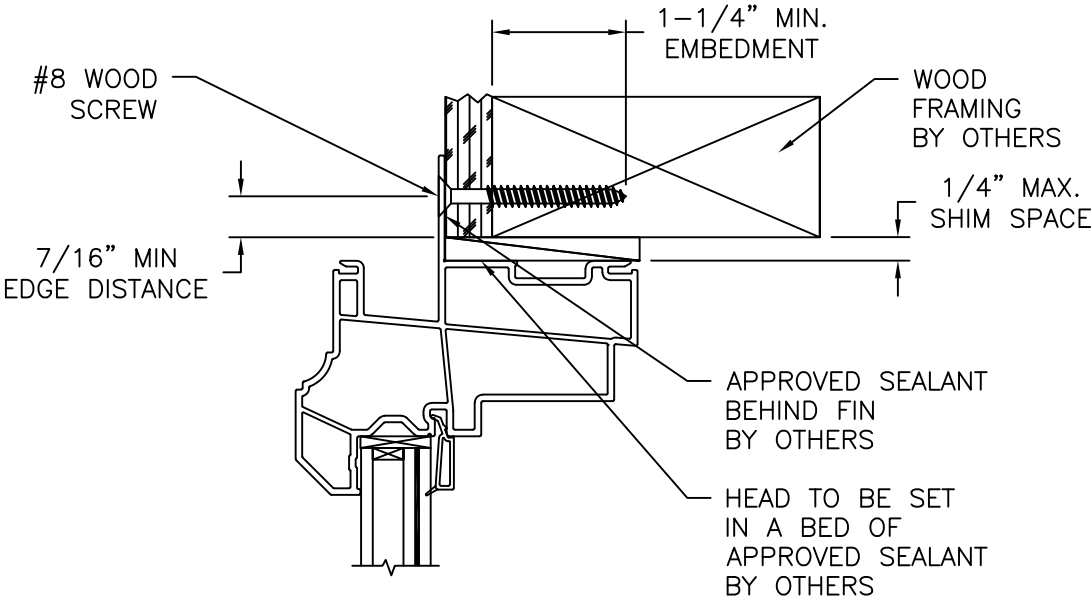
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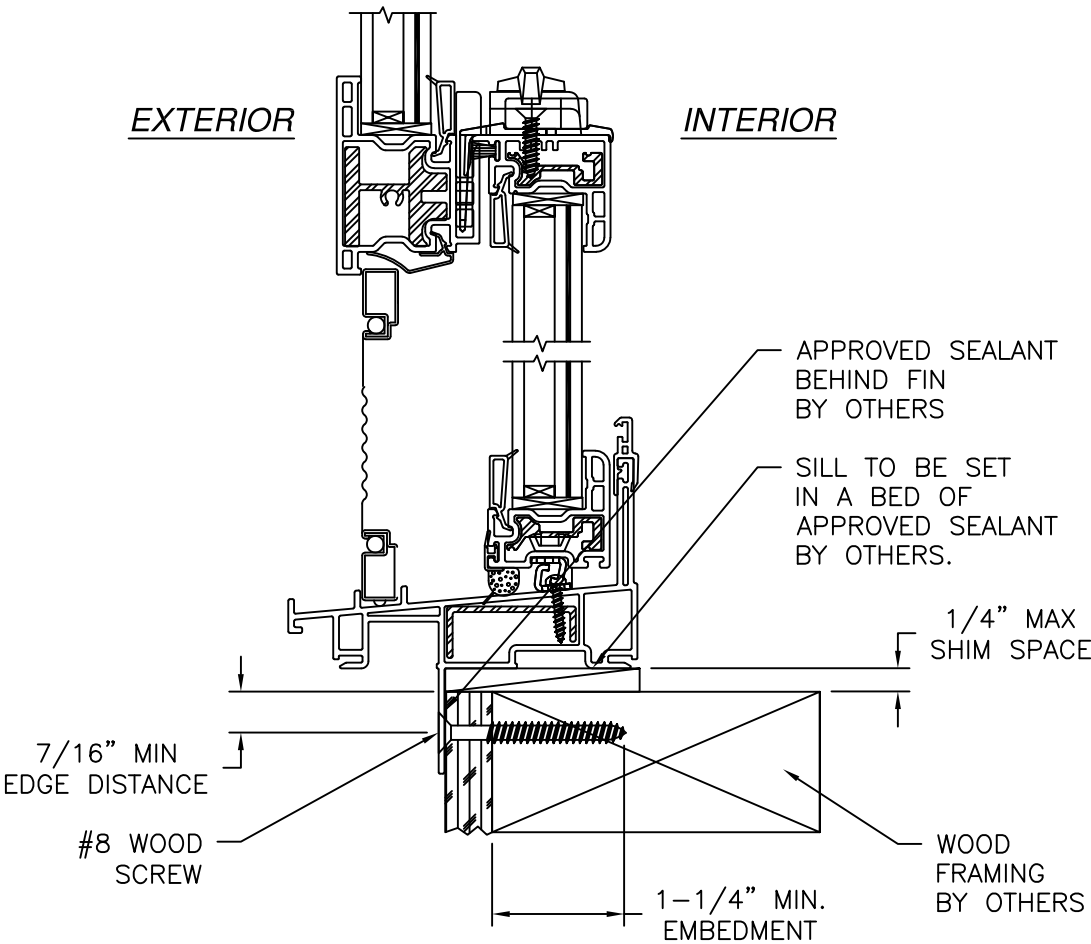
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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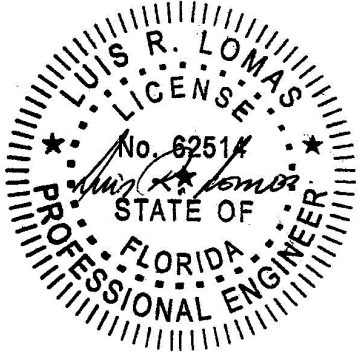
Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

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

SERIES HD2451/2461 VINYL SINGLE HUNG
IMPACT WINDOW
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