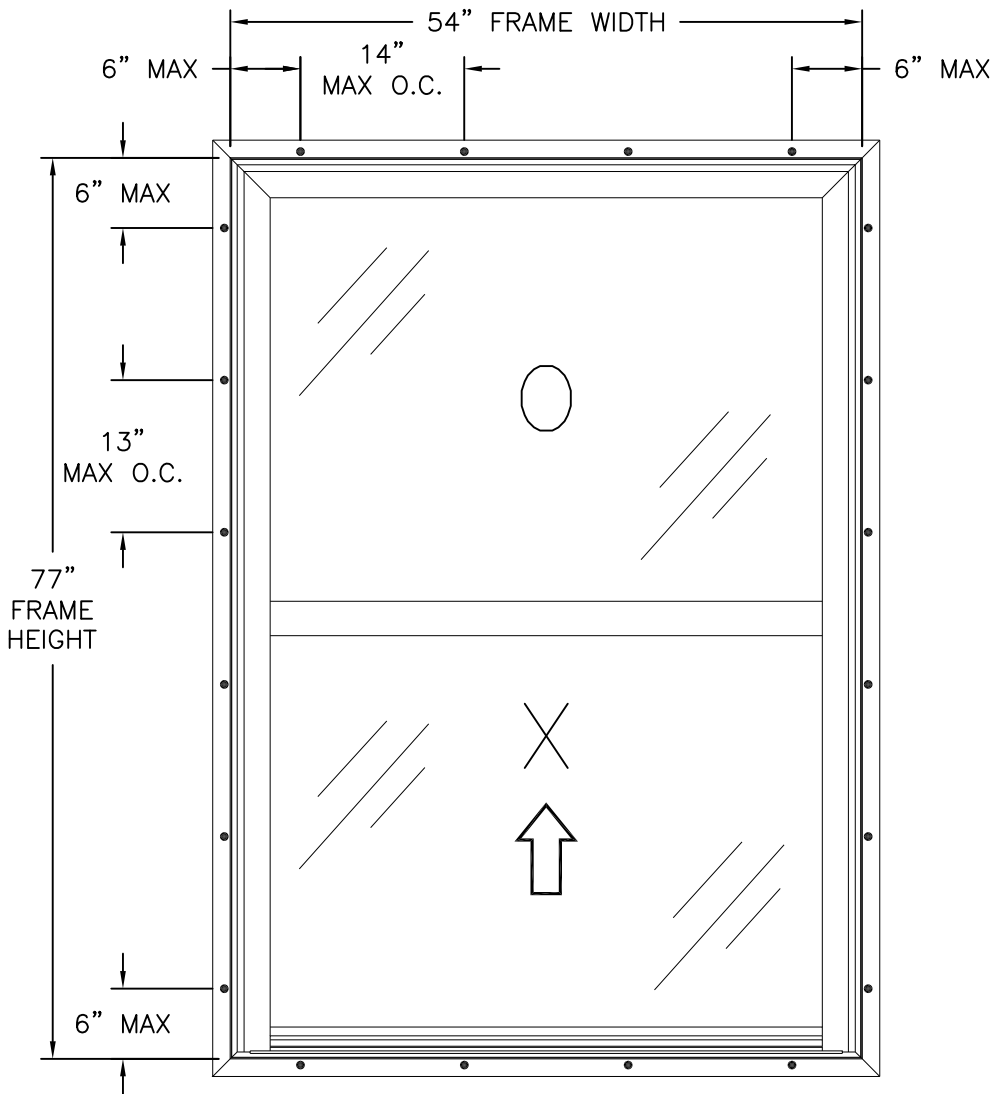




SERIES 176 SH VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
+70.0/-85.0PSF	LARGE MISSILE IMPACT

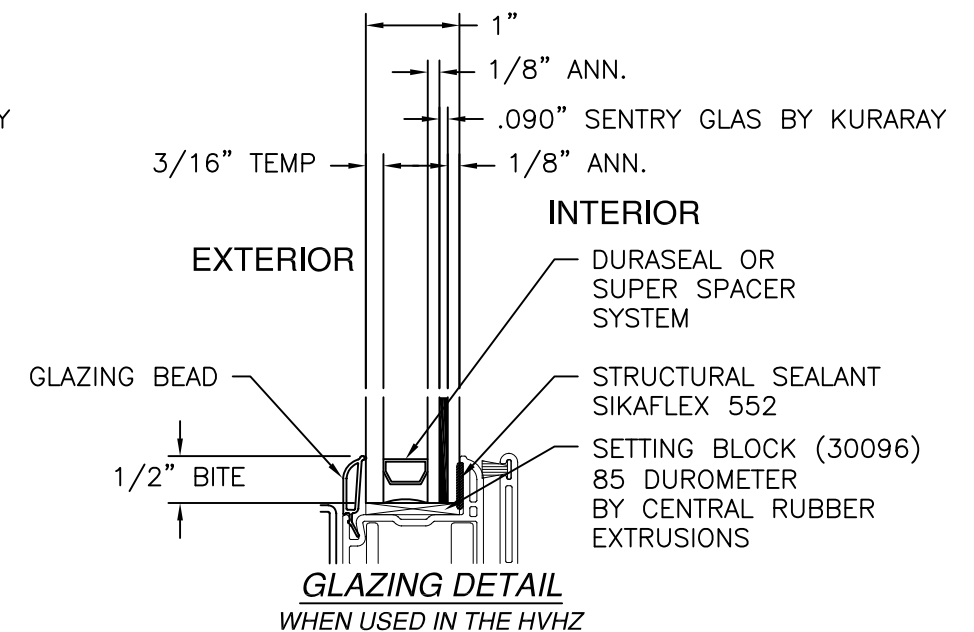
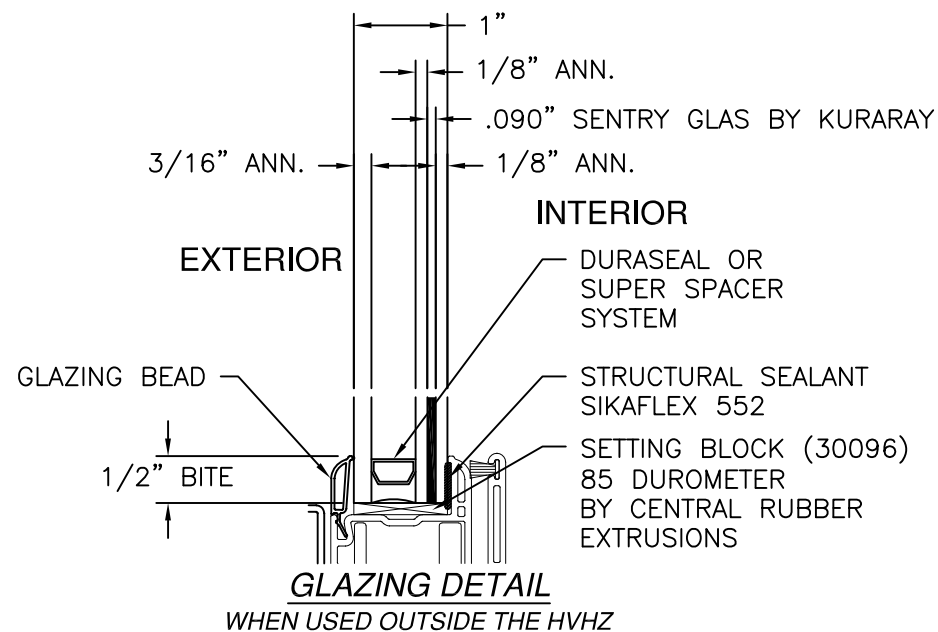
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
54" X 77" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 28.87 FT²

FL 16412

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

NOTES:

1. MAXIMUM SASH SIZE: 50-3/8" X 37-3/4".
2. MAXIMUM D.L.O.: 49-1/8" X 34-3/4".
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.



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED GLAZING DETAILS	01/08/18	R.L.
C	CURRENT FBC & Ops-0061	02/20/26	LMH



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

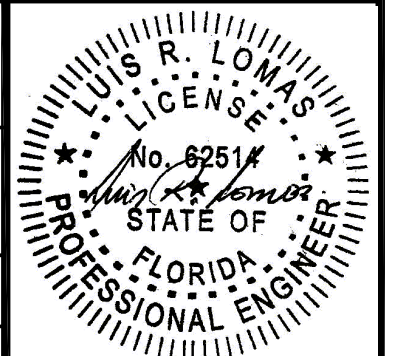
10030 BAVARIA ROAD
FORT MYERS, FLORIDA 33913
800-432-2204

SERIES 176 SH VINYL SINGLE HUNG WINDOW
IMPACT 54" X 77"
ELEVATION

DRAWN: N.G.	DWG NO. 08-02538	REV C
SCALE NTS	DATE 11/17/14	SHEET 2 OF 7

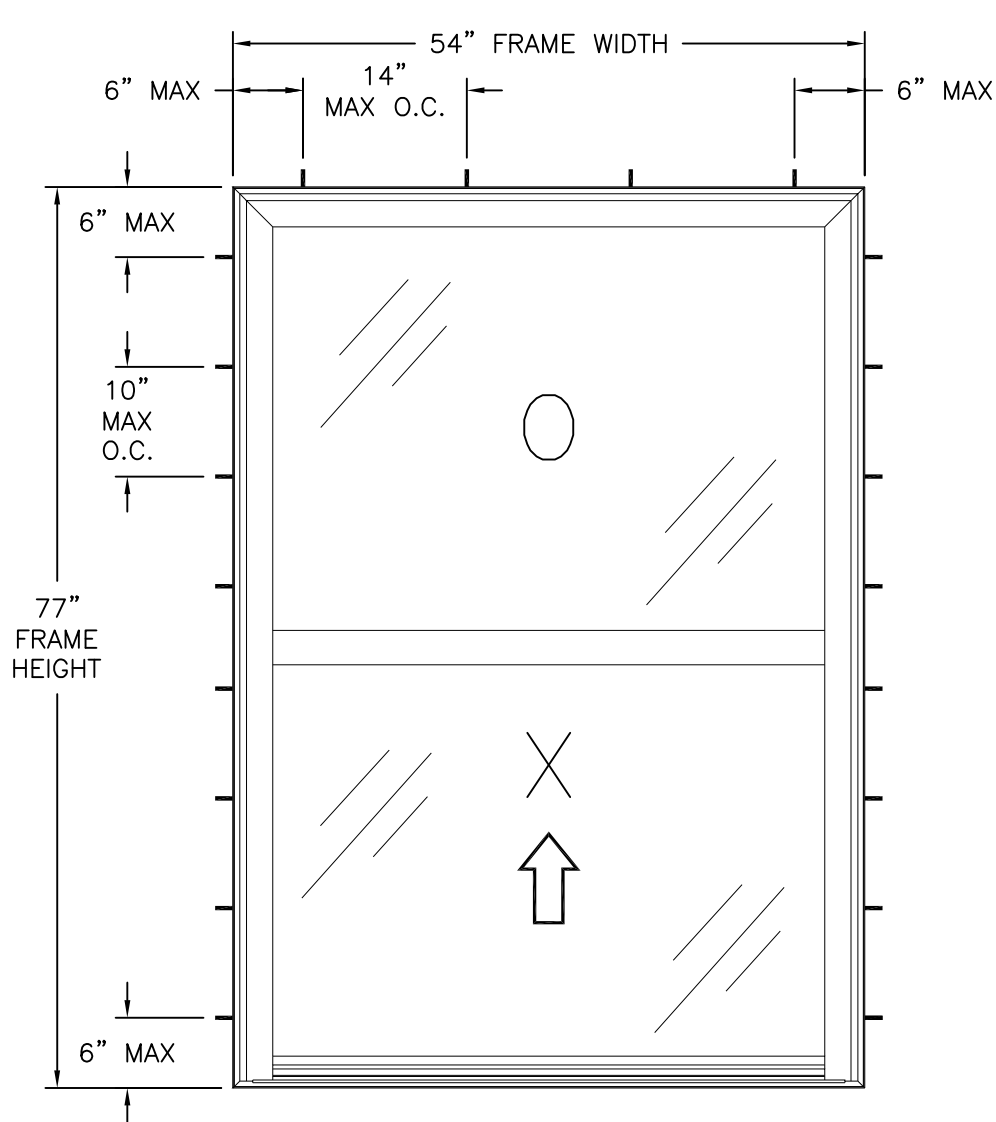
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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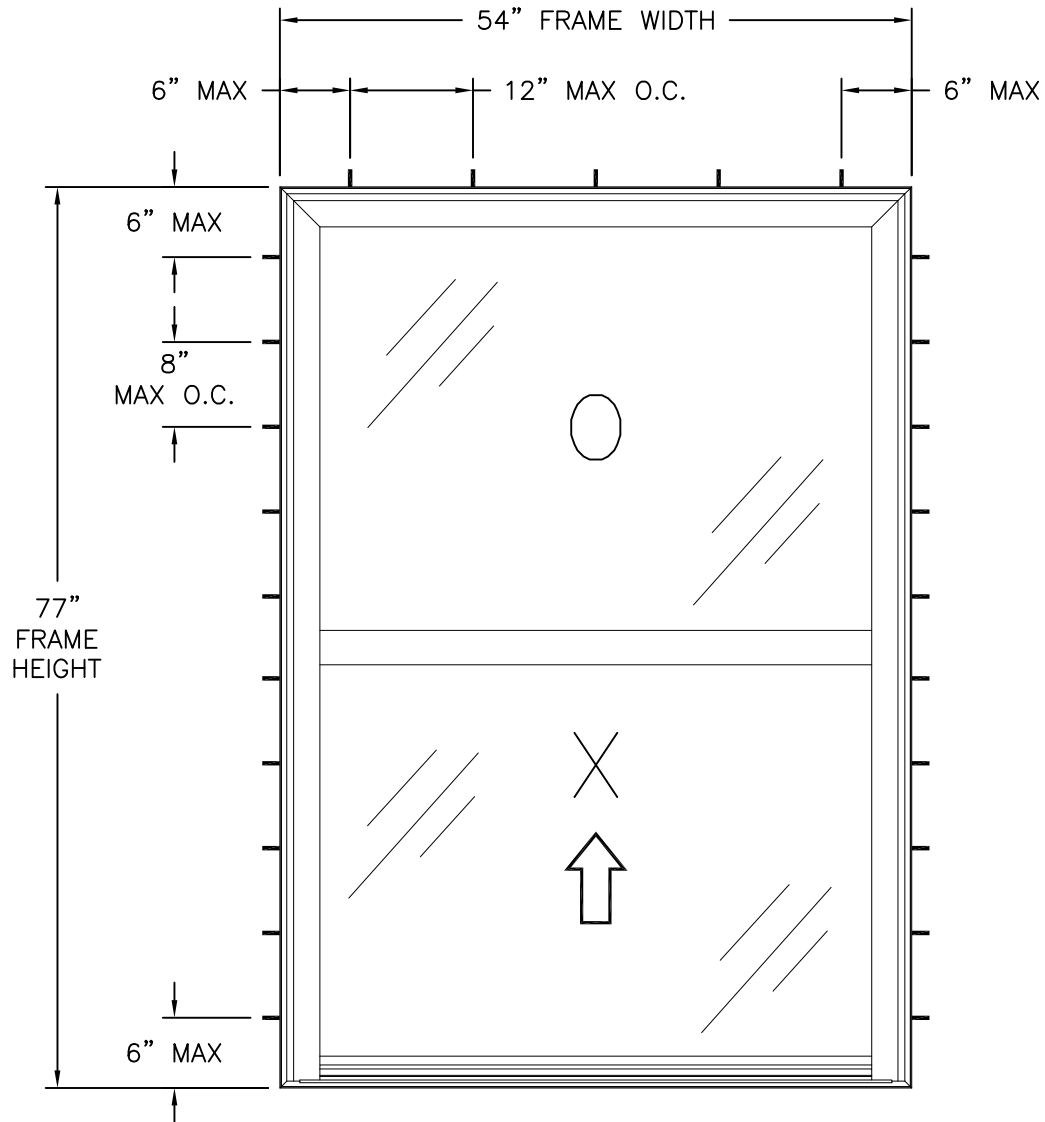


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SERIES 176 SH VINYL SINGLE HUNG WINDOW
 EXTERIOR VIEW
 THROUGH FRAME INSTALLATION
 FOR MASONRY AND METAL STRUCTURE



SERIES 176 SH VINYL SINGLE HUNG WINDOW
 EXTERIOR VIEW
 THROUGH FRAME INSTALLATION
 FOR WOOD FRAMING

DESIGN PRESSURE RATING	IMPACT RATING
+70.0/-85.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
 54" X 77" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
 FRAME AREA DOES NOT EXCEED 28.87 FT²



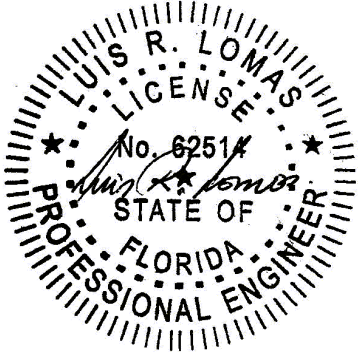
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 800-432-2204

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IMPACT 54" X 77"
ELEVATIONS

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SCALE NTS	DATE 11/17/14	SHEET 3 OF 7

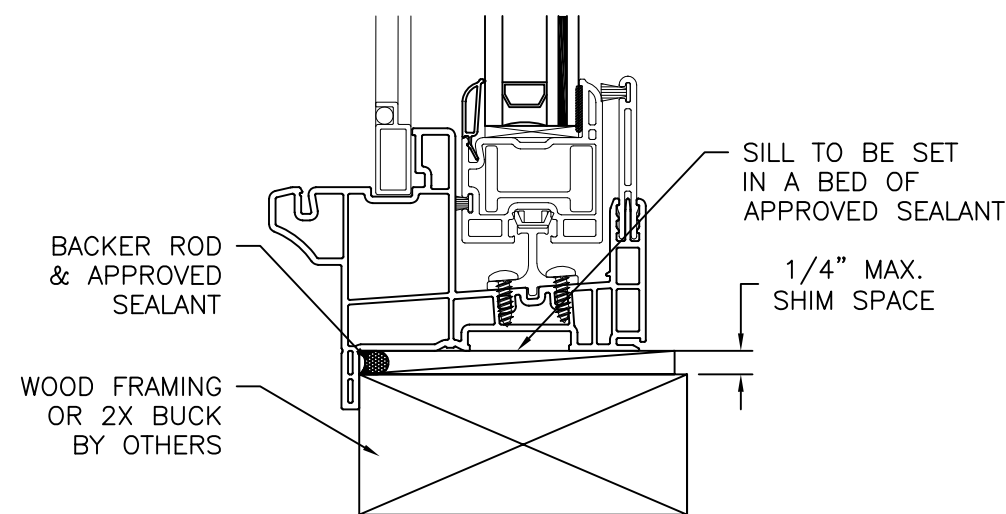
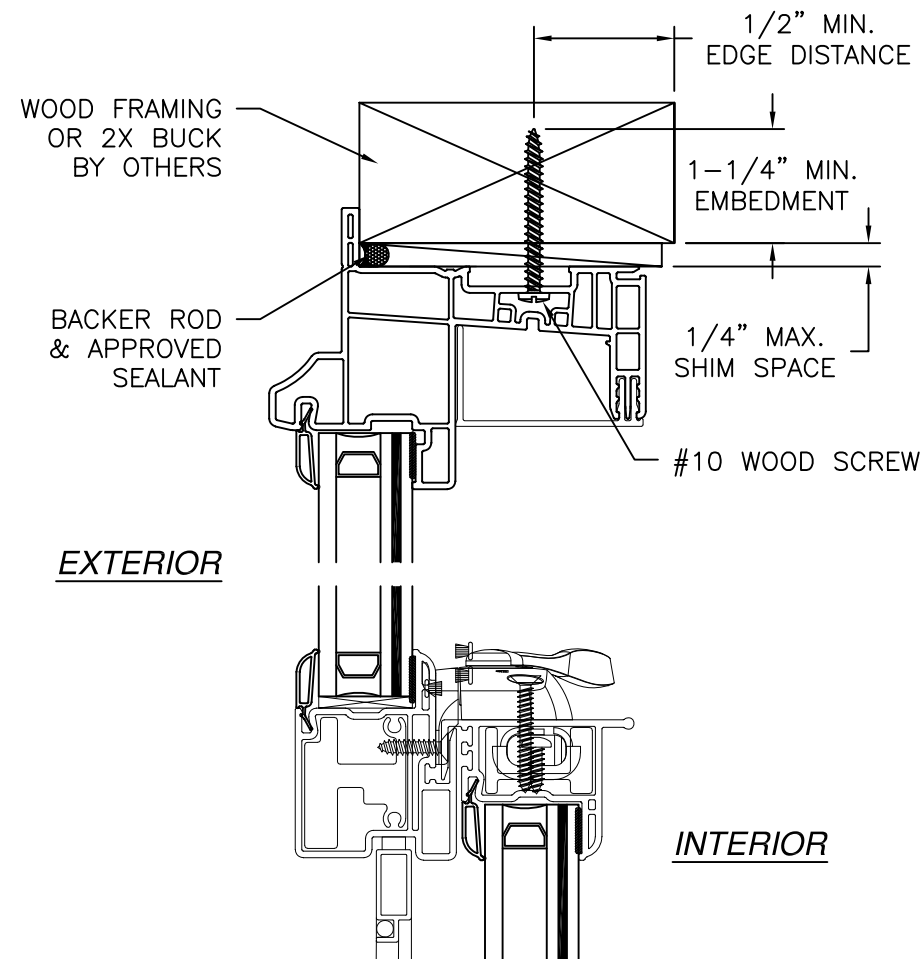
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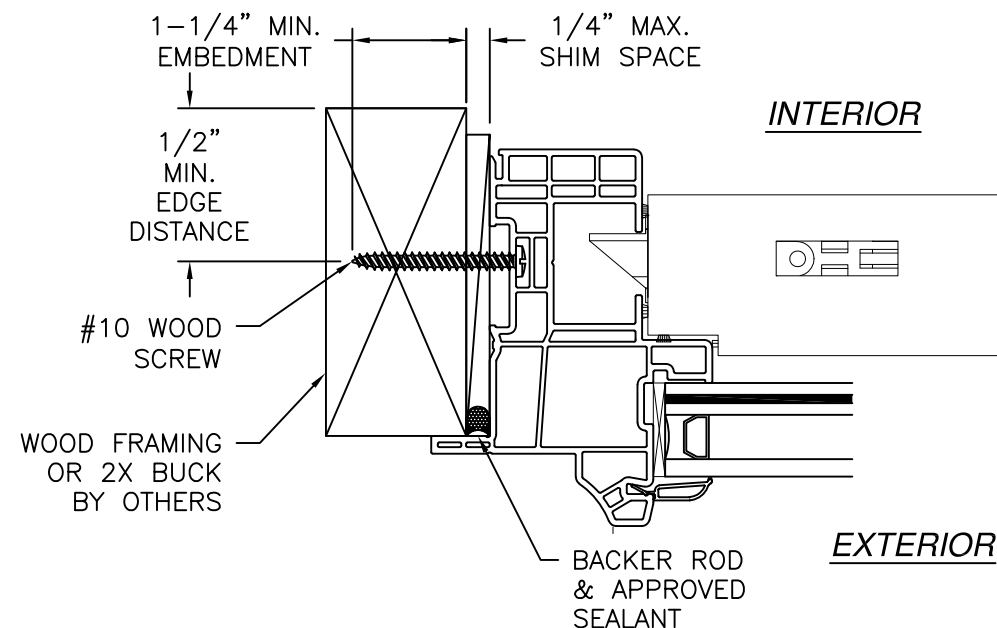


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

SIGNED: 04/01/2026



Eastern

ARCHITECTURAL SYSTEMS

ALUMINUM AND VINYL IMPACT WINDOWS AND DOORS

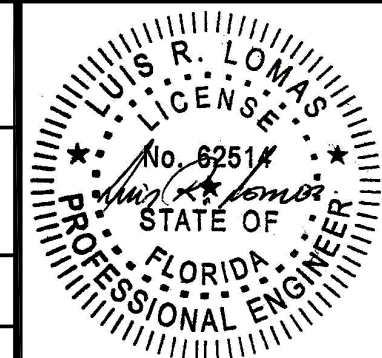
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IMPACT 54" X 77"
INSTALLATION DETAILS

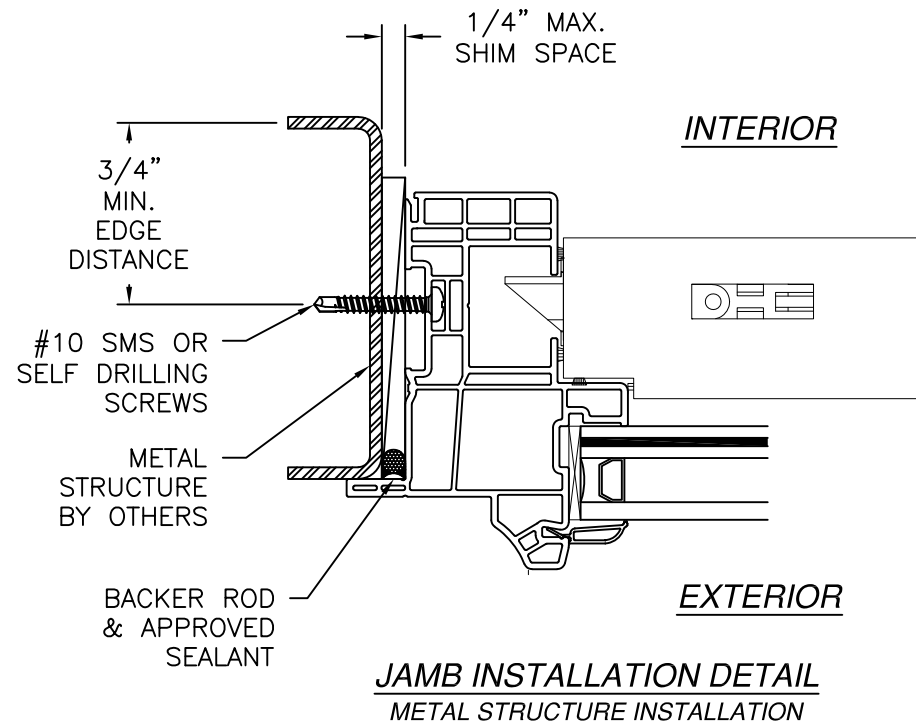
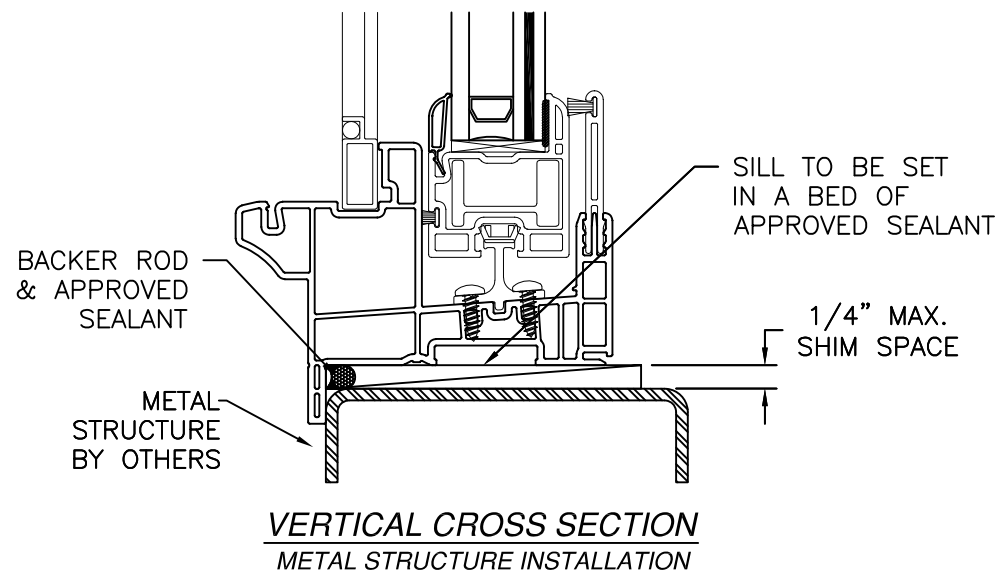
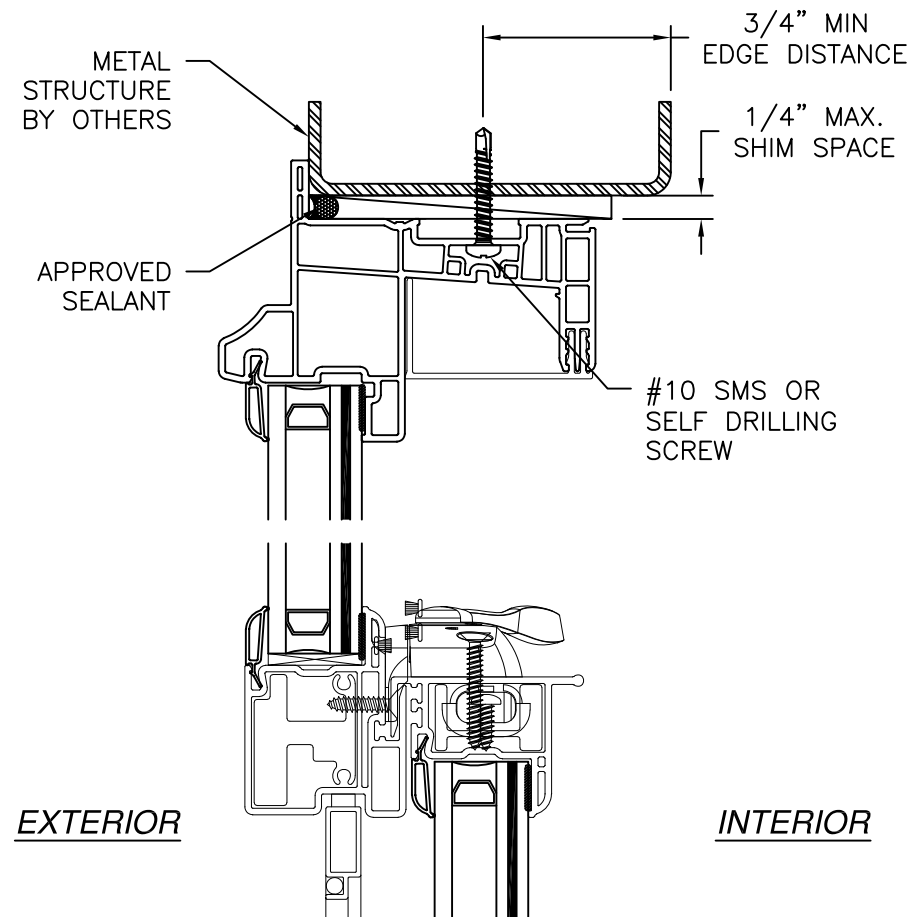
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SCALE NTS	DATE 11/17/14	SHEET 4 OF 7

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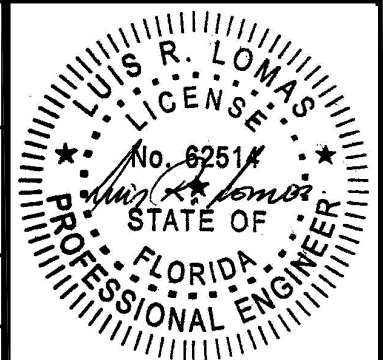
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IMPACT 54" X 77"
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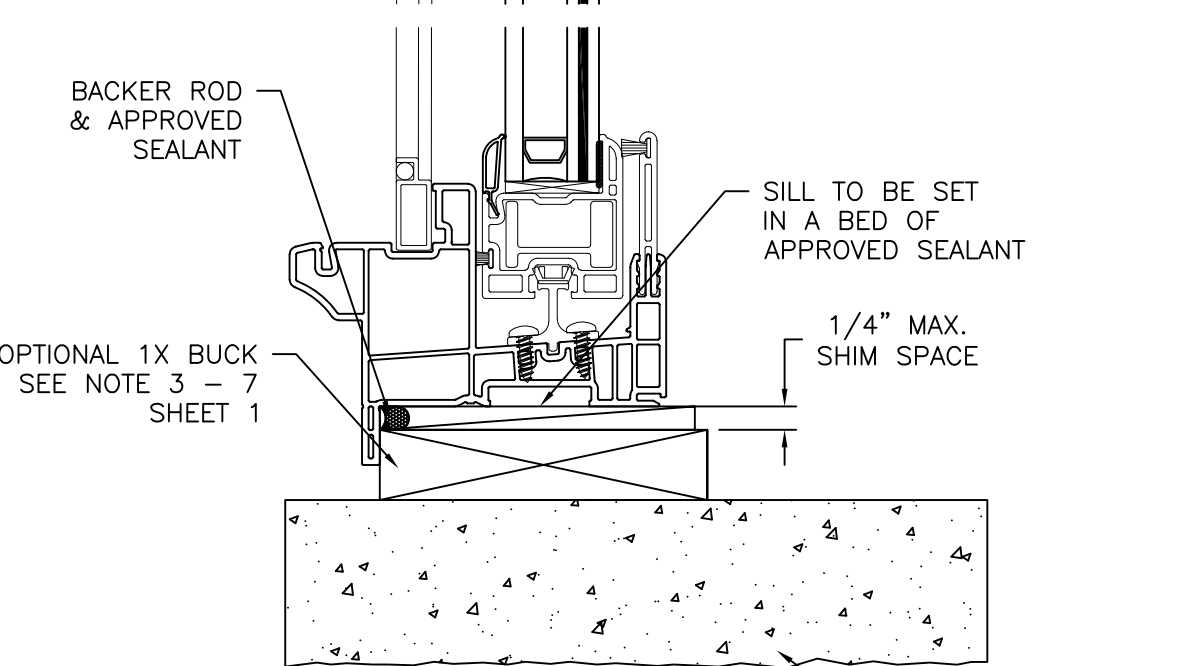
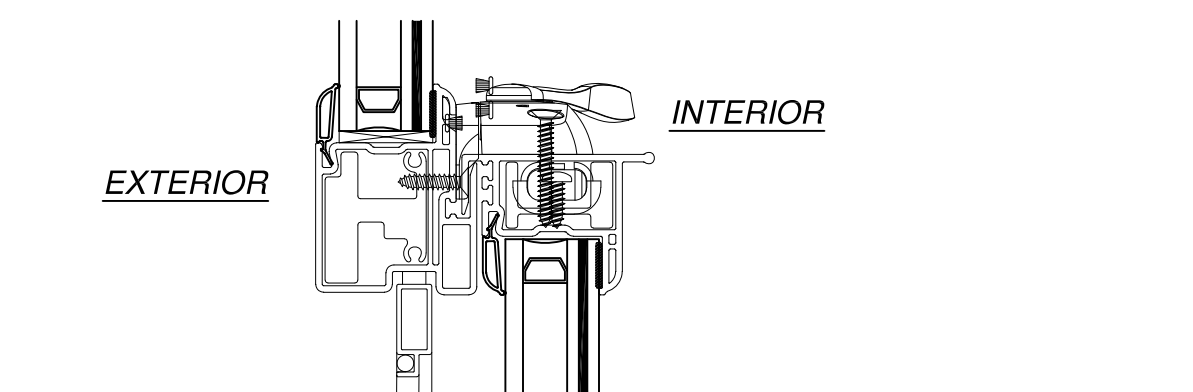
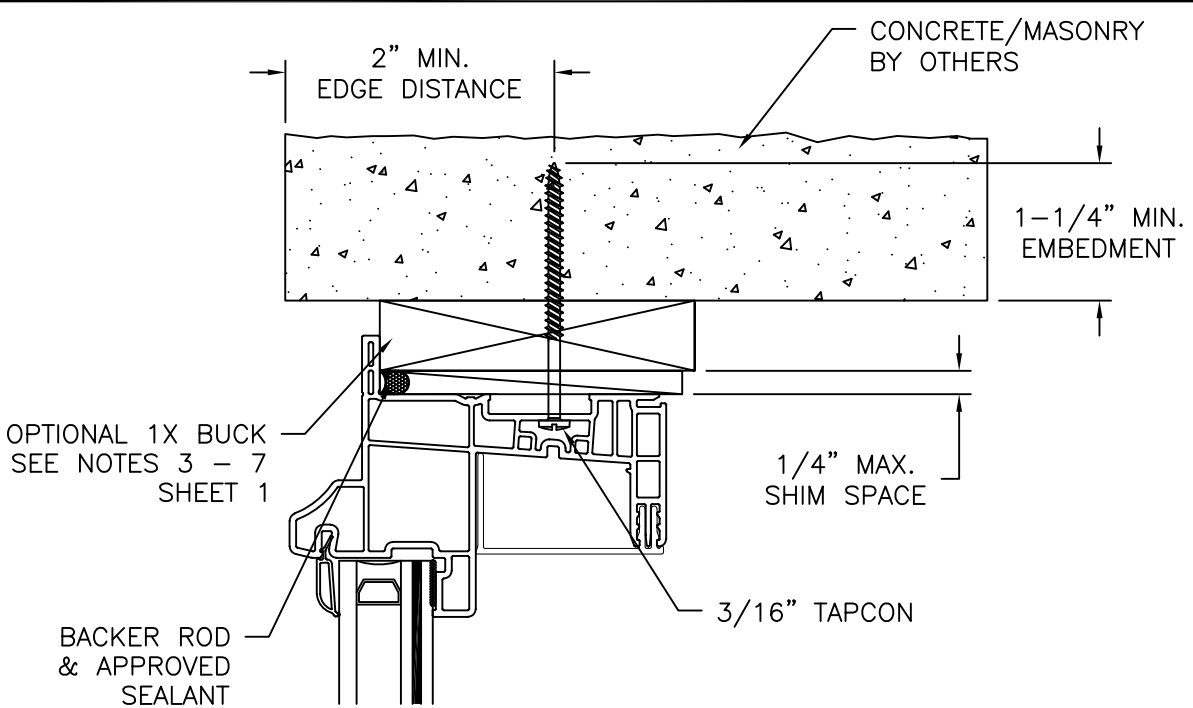
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SCALE NTS	DATE 11/17/14	SHEET 5 OF 7

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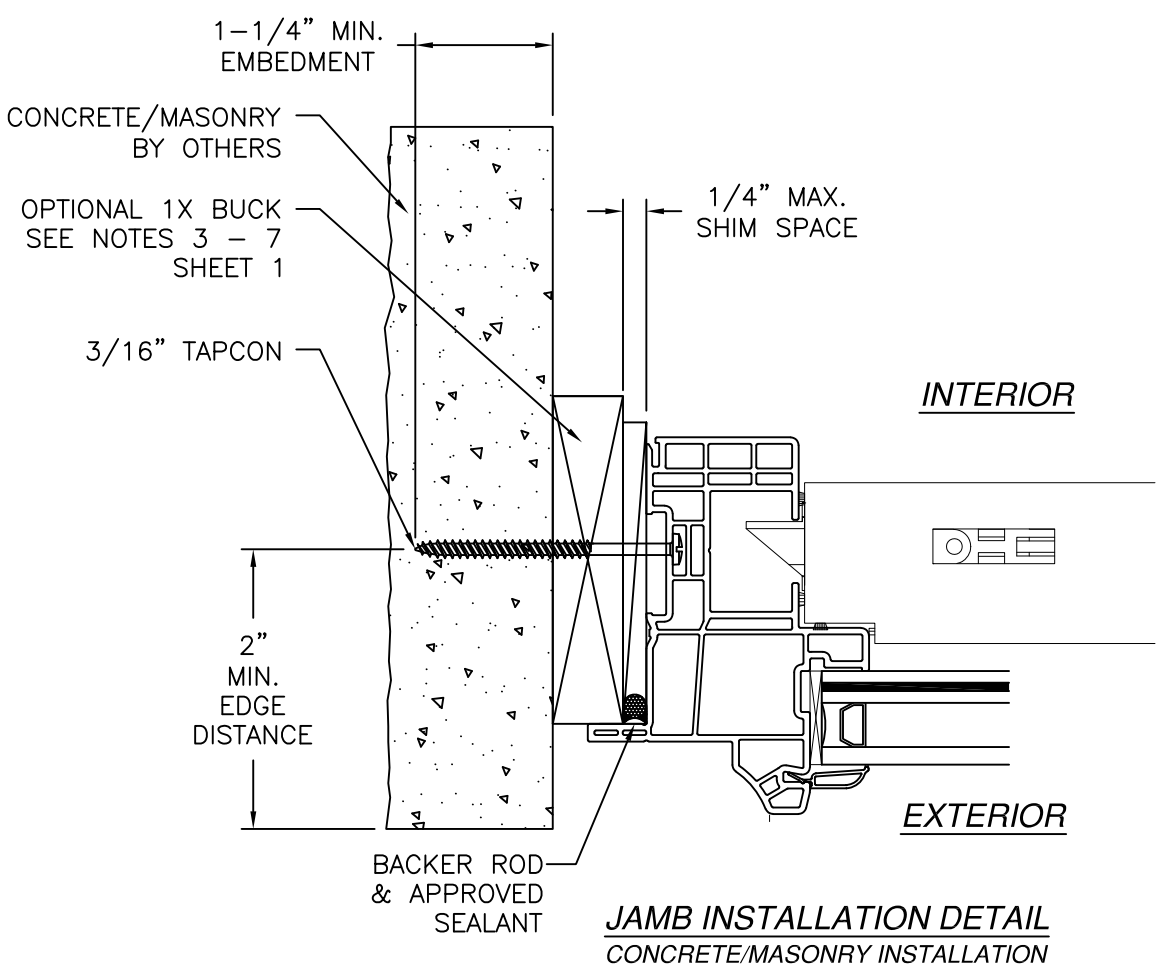


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

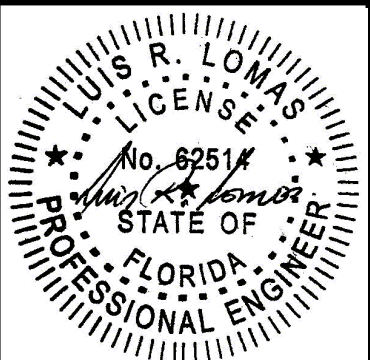
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SCALE NTS	DATE 11/17/14	SHEET 6 OF 7

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APPROVED SEALANT BEHIND FIN

#10 WOOD SCREW

1-1/4" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS

1/4" MAX. SHIM SPACE

1/2" MIN. EDGE DISTANCE

EXTERIOR

INTERIOR

WOOD FRAMING BY OTHERS

1/4" MAX. SHIM SPACE

1-1/4" MIN. EMBEDMENT

#10 WOOD SCREW

APPROVED SEALANT BEHIND FIN

1/2" MIN. EDGE DISTANCE

INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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1/4" MAX. SHIM SPACE

1/2" MIN. EDGE DISTANCE

#10 WOOD SCREW

APPROVED SEALANT BEHIND FIN

1-1/4" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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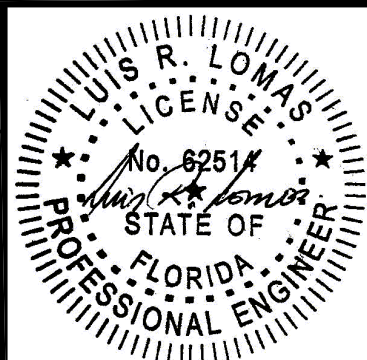
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