	REVISIONS					
REV	DESCRIPTION	DATE	APPROVED			
D	REVISED GLAZING DETAILS	11/04/2020	R.L.			

- 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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. 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 E1300-04/09, 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" 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 0.048" THICK MINIMUM

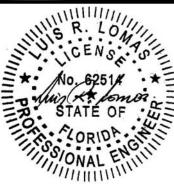
SIGNED: 11/04/2020



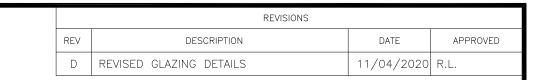
EASTERN ARCHITECTURAL SYSTEMS

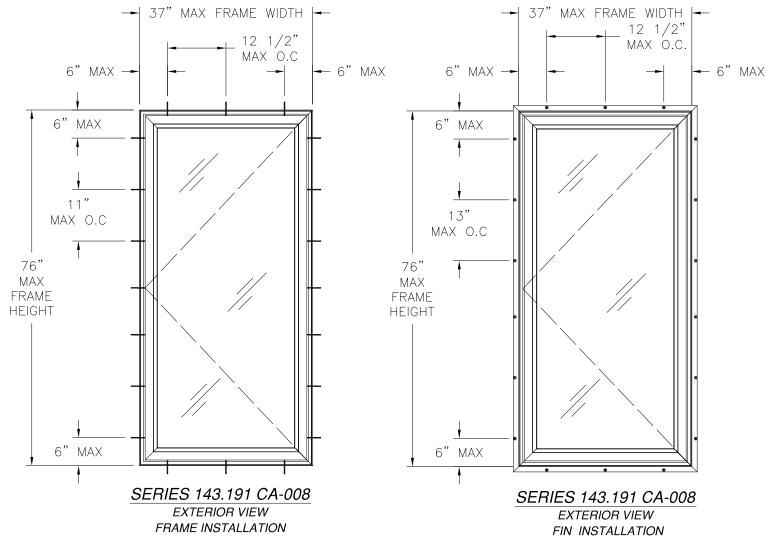
SERIES 143 VINYL IMPACT CASEMENT WINDOW 37" X 76" NOTES

	110129					
TABLE OF CONTENTS				DWG NO.		REV
SHEET NO.	DESCRIPTION	A.P.		08-01779		D
1	NOTES	SCALE NTS	DATE O	9/14/12	SHEET 1 OF 6	
2	ELEVATIONS	L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com				
3 - 6	INSTALLATION DETAILS					



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



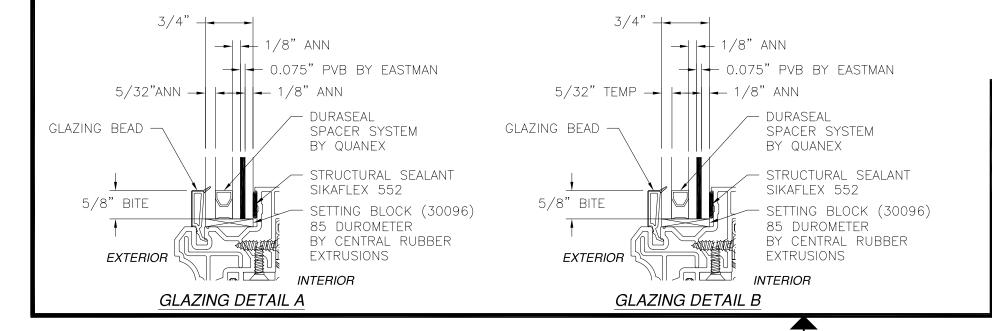


NOTES:

1. USE GLAZING B WHEN INSTALLING UNITS AT 30FT OR HIGHER ABOVE GROUND LEVEL

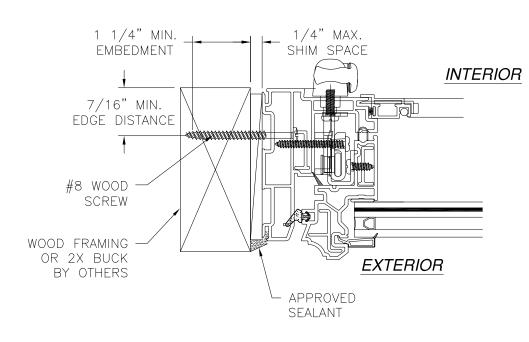
DESIGN PRESSURE RATING IMPACT RATING ±70.0PSF LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ





REVISIONS					
REV	DESCRIPTION	DATE	APPROVED		
D	REVISED GLAZING DETAILS	11/04/2020	R.L.		



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: 11/04/2020 EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF EASTERN METAL SYPPLY ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS
10030 BAVARIA ROAD
FORT MYERS, FLORIDA 33913
800-432-2204 REV STATE ST SERIES 143 VINYL IMPACT CASEMENT WINDOW 37" X 76" INSTALLATION DETAILS DWG NO. 08-01779 DATE 09/14/12 SHEET 3 OF 6 L. ROBERTO LOMAS P.E. Luis R. Lomas P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 FL No.: 62514 434-688-0609 rllomas@lrlomaspe.com

VERTICAL CROSS SECTION WOOD FRAMING OR 2X BUCK INSTALLATION

7/16" MIN. EDGE DISTANCE

1 1/4" MIN.

EMBEDMENT

1/4" MAX.

SHIM SPACE

INTERIOR

#8 WOOD

SCREW

1/4" MAX.

SHIM SPACE

1 1/4" MIN.

EMBEDMENT

7/16" MIN. EDGE DISTANCE

WOOD FRAMING -OR 2X BUCK

BY OTHERS

APPROVED

SEALANT

#8 WOOD SCREW

APPROVED

WOOD FRAMING -OR 2X BUCK

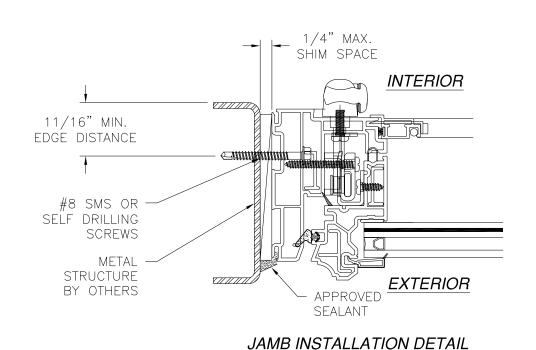
BY OTHERS

SEALANT

EXTERIOR

DRAWN: A.P. SCALE NTS

REVISIONS					
REV	DESCRIPTION	DATE	APPROVED		
D	REVISED GLAZING DETAILS	11/04/2020	R.L.		



NOTES:

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- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

METAL STRUCTURE INSTALLATION

SIGNED: 11/04/2020 EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF EASTERN METAL SYPPLY ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS
10030 BAVARIA ROAD
FORT MYERS, FLORIDA 33913
800-432-2204 REV STATE ST SERIES 143 VINYL IMPACT CASEMENT WINDOW 37" X 76" INSTALLATION DETAILS DRAWN: DWG NO. A.P. 08-01779 DATE 09/14/12 SHEET 4 OF 6 L. ROBERTO LOMAS P.E. Luis R. Lomas P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 FL No.: 62514 434-688-0609 rllomas@lrlomaspe.com

VERTICAL CROSS SECTION METAL STRUCTURE INSTALLATION

11/16" MIN. EDGE DISTANCE

1/4" MAX.

SHIM SPACE

INTERIOR

#8 SMS OR SELF DRILLING

#8 SMS OR

1/4" MAX.

SHIM SPACE

11/16" MIN. EDGE DISTANCE

SCREW

SELF DRILLING

SCREW

METAL STRUCTURE BY OTHERS

APPROVED

SEALANT

APPROVED

SEALANT

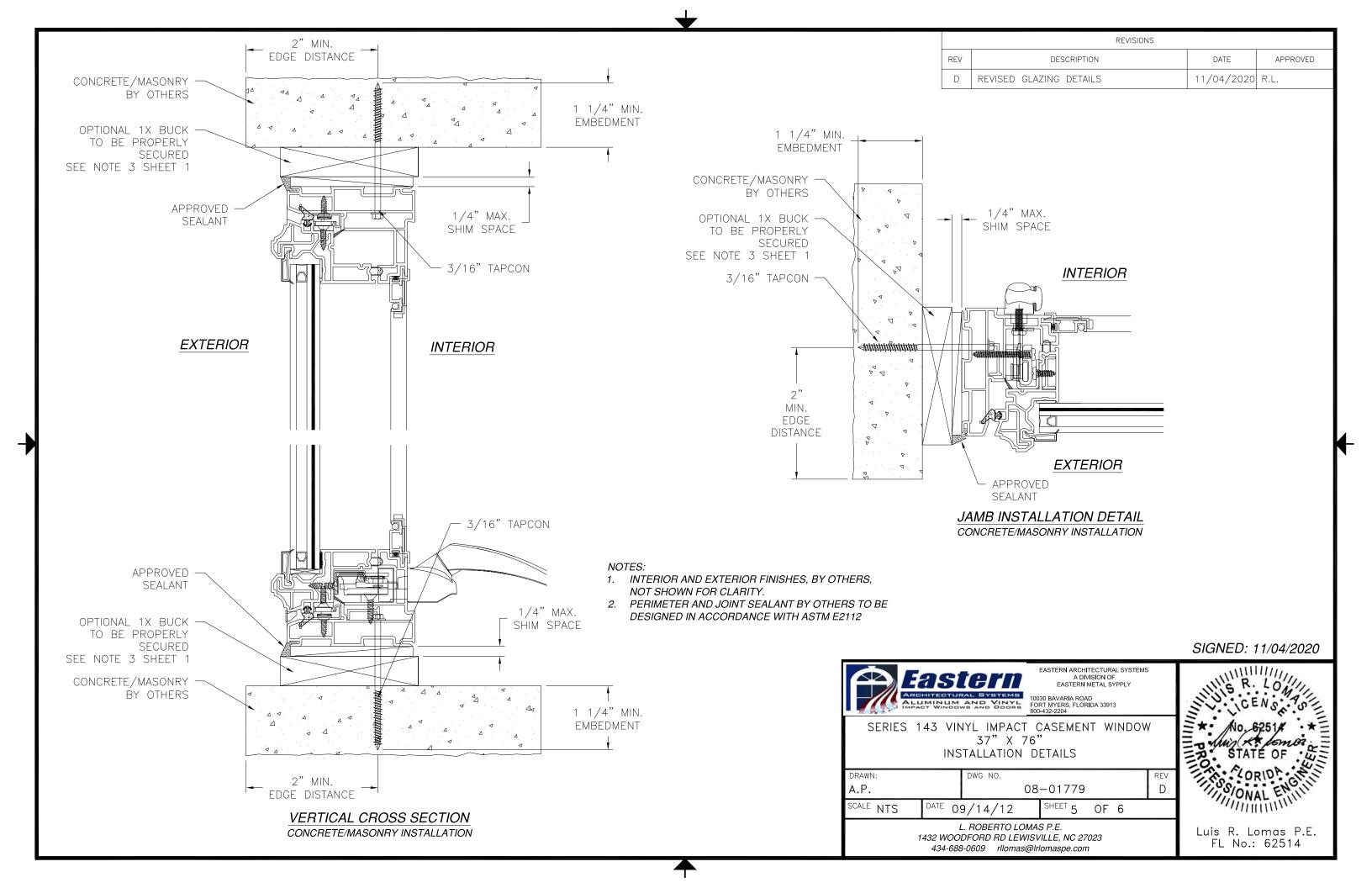
METAL-STRUCTURE

BY OTHERS

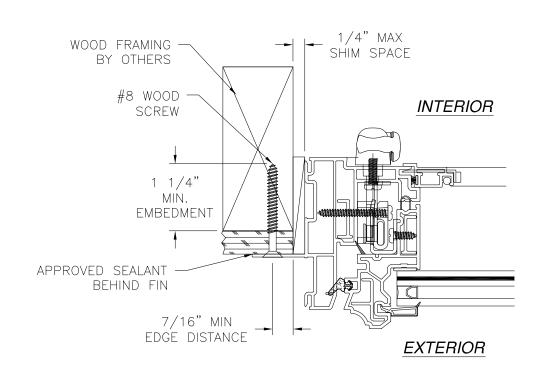
EXTERIOR

SCALE NTS





REVISIONS					
REV	DESCRIPTION	DATE	APPROVED		
D	REVISED GLAZING DETAILS	11/04/2020	R.L.		



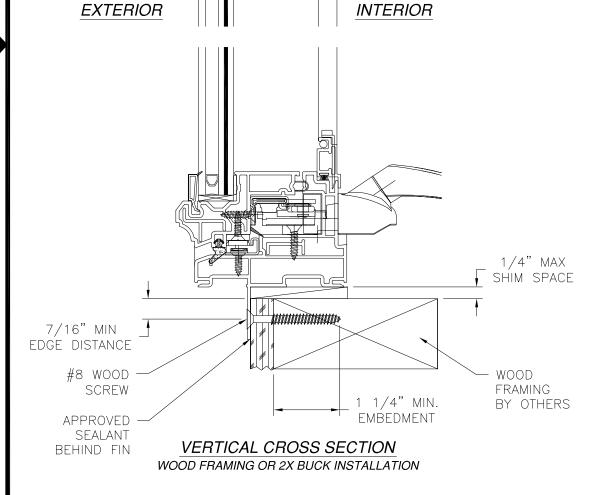
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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: 11/04/2020

EASTERN ARCHITECTURAL SYSTEMS A DIMISION OF EASTERN METAL SYPPLY 10030 BAVARIA ROAD FORT MYERS, FLORIDA 33913 800-432-2204 SERIES 143 VINYL IMPACT CASEMENT WINDOW 37" X 76" INSTALLATION DETAILS DRAWN: A.P. DWG NO. SCALE NTS DATE 09/14/12 SHEET 6 OF 6 L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com EASTERN ARCHITECTURAL SYSTEMS A DIMISION OF EASTERN METAL SYPPLY 10030 BAVARIA ROAD FORT METAL SYPPLY 1004 LEN 10030 BAVARIA ROAD FORT METAL SYPPLY 1004 LEN STATE OF ORION 1014 LEN 1030 BAVARIA ROAD FORT METAL SYPPLY 1004 1004 1004 1006 1007					
37" X 76" INSTALLATION DETAILS DRAWN: A.P. DATE 09/14/12 SHEET 6 OF 6 L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 DATE OF CORIONAL PROPERTY OF THE PROPER	ARCHITECTU	RAL SYSTEMS 10030 BAVAR FORT MYER	A DIVISION OF FERN METAL SYPPLY A ROAD	8	ILLUS R. LONG
A.P. 08-01779 D SCALE NTS DATE 09/14/12 SHEET 6 OF 6 L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 Luis R. Lomas P.E. Fl. No.: 62514		37" X 76"		V	No. 6251# * No. 6251# * D. Mus K. Lomos C. STATE OF
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 FI. No.: 62514			79	_	ORIDA CHILL
1432 WOODFORD RD LEWISVILLE, NC 27023 EL NO : 62514	SCALE NTS DATE O	9/14/12 SHEET	6 OF 6		Milling
	1432 WOC				



1 1/4" MIN. EMBEDMENT

WOOD FRAMING

BY OTHERS

1/4" MAX.
SHIM SPACE

APPROVED SEALANT BEHIND FIN

#8 WOOD -

SCREW

7/16" MIN J