

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH

- 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. 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, 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 FIN INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS OR EQUIVALENT WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS OR EQUIVALENT WITH SUFFICIENT LENGTH TO ACHIEVE A 1-5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR FRAME INSTALLATION INTO MASONRY/CONCRETE USE 1/4" TAPCONS OR EQUIVALENT 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.
12. FOR FRAME INSTALLATION INTO METAL STRUCTURE USE #12 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.
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. 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:
 - 14.A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 14.B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 14.C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 14.D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

FL I4605

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	FIN ELEVATION
3	FLANGE ELEVATION
4 - 8	INSTALLATION DETAILS



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

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

SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-01671C

REV
C

SCALE NTS

DATE 07/13/12

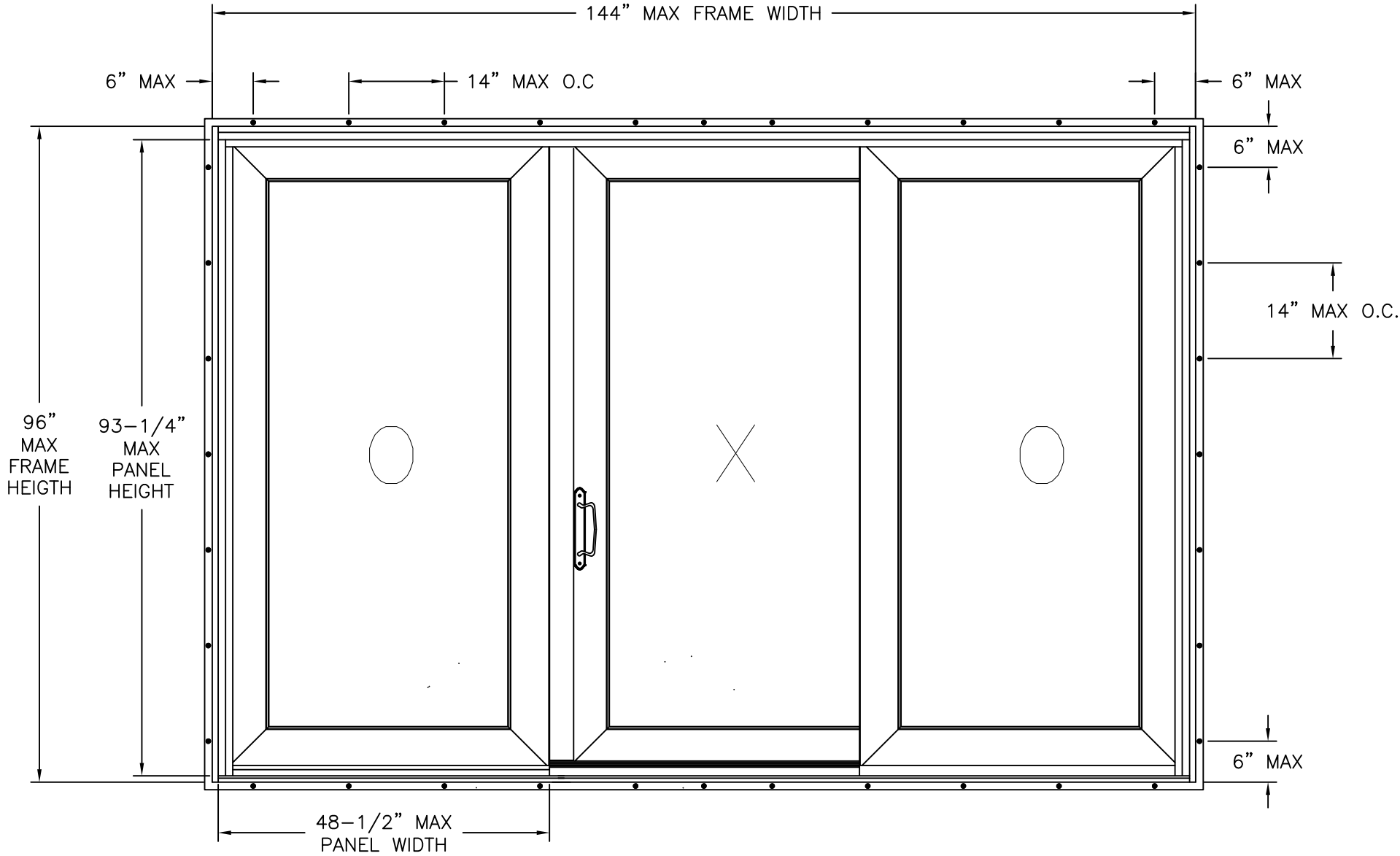
SHEET 1 OF 8

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

SIGNED: 11/07/2025

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

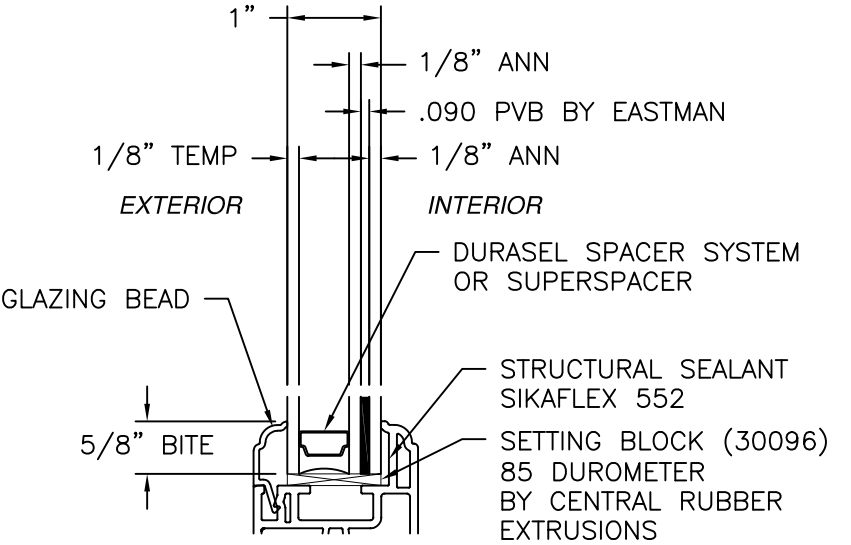
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH



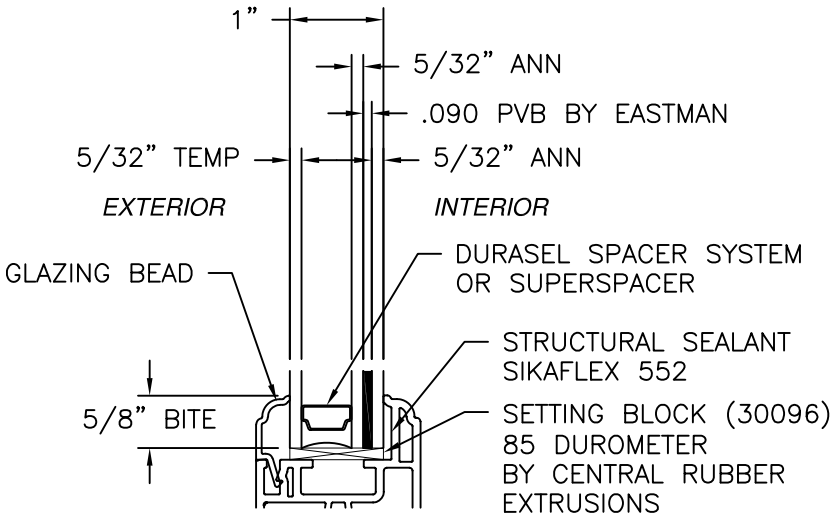
SERIES 623 VINYL SGD
EXTERIOR VIEW FIN INSTALLATION

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

MISSILE LEVEL D, WIND ZONE 4



GLAZING DETAIL A



GLAZING DETAIL B

SIGNED: 11/07/2025

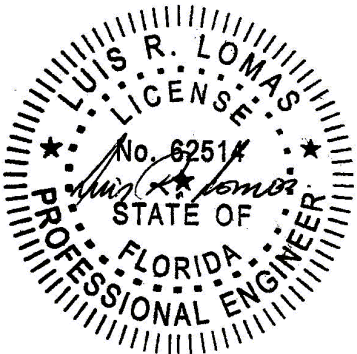


EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
FIN ELEVATION

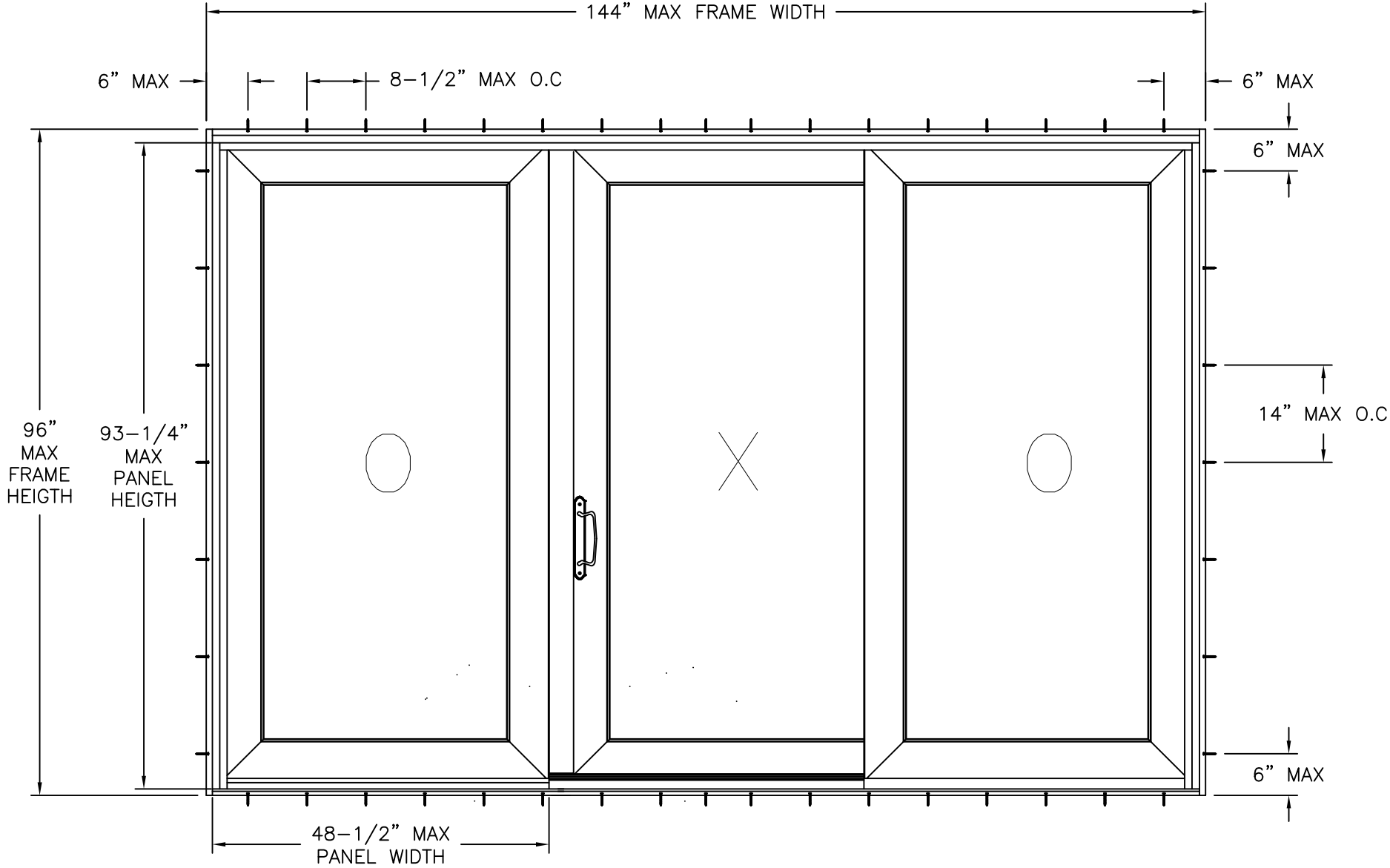
DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 2 OF 8

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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH



SERIES 623 VINYL SGD
 EXTERIOR VIEW FLANGE INSTALLATION

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

MISSILE LEVEL D, WIND ZONE 4



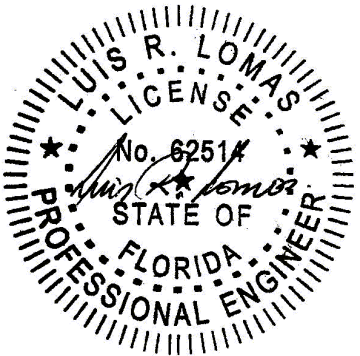
EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

SERIES 623 VINYL SLIDING GLASS DOOR
 144" X 96" IMPACT
 FLANGE ELEVATION

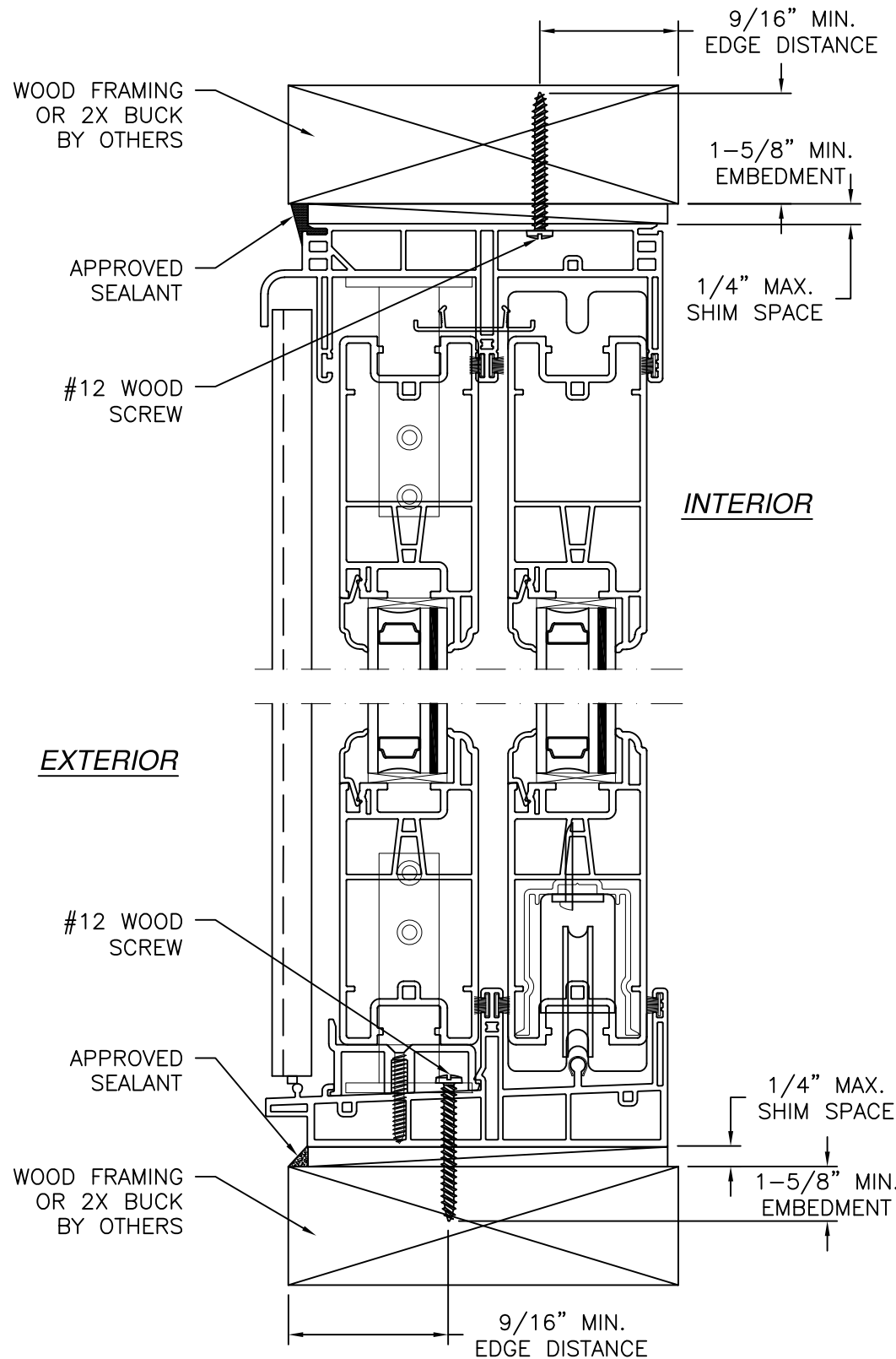
DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 3 OF 8

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

SIGNED: 11/07/2025



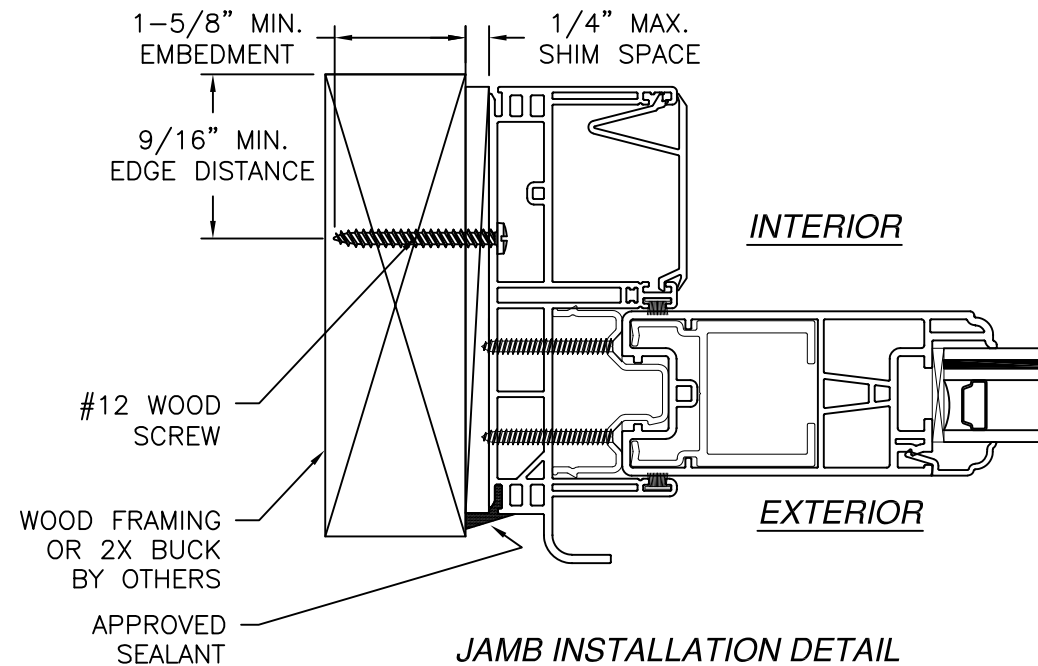
Luis R. Lomas P.E.
 FL No.: 62514



VERTICAL CROSS SECTION
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



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH

FL 14605



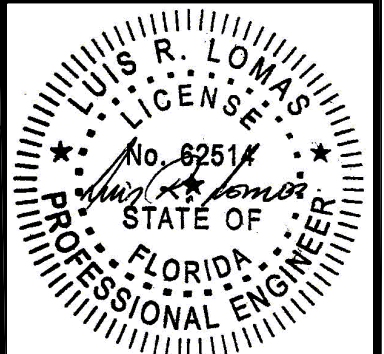
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
INSTALLATION DETAILS

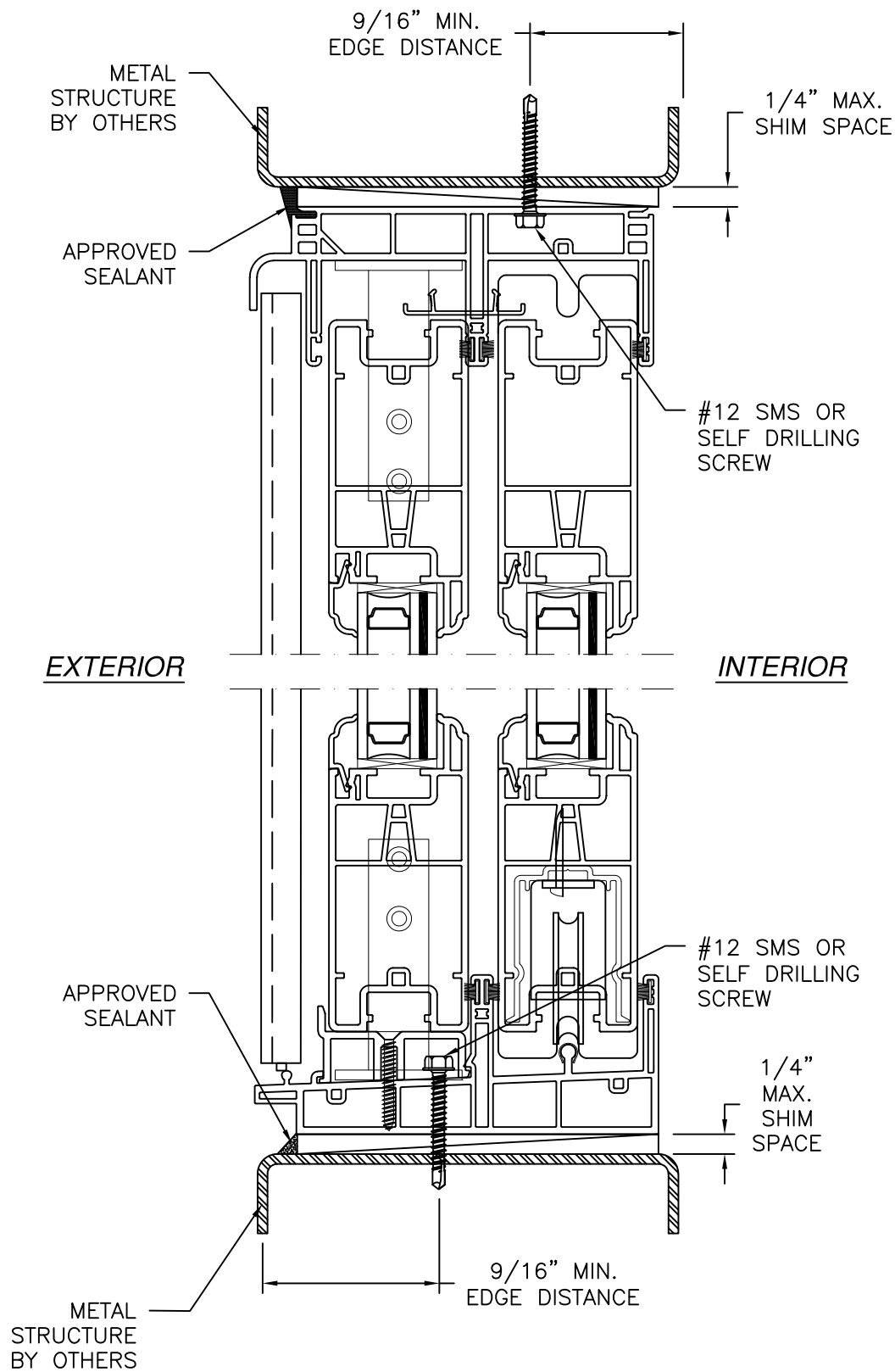
DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 4 OF 8

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

SIGNED: 11/07/2025



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



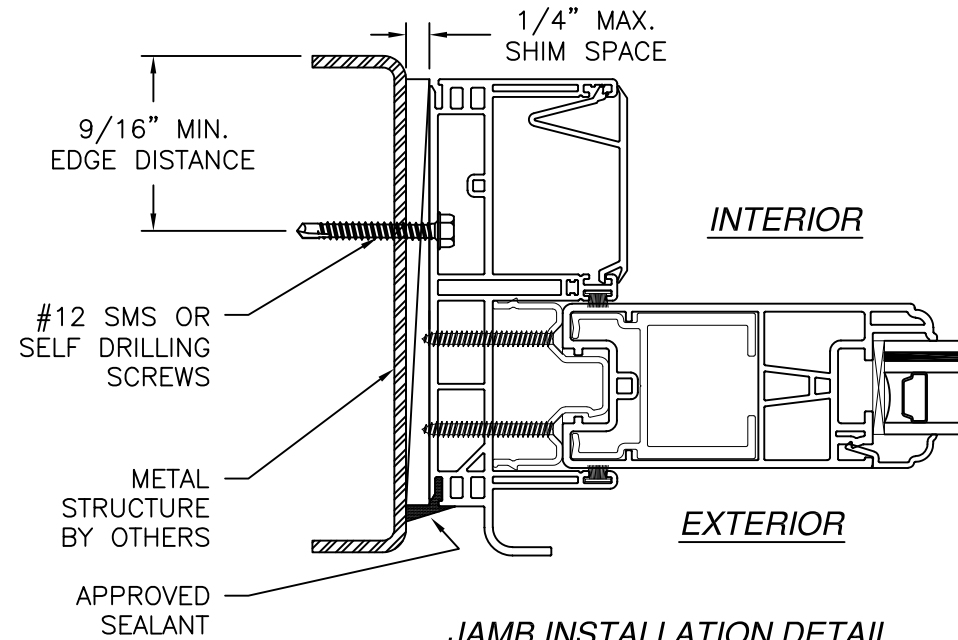
VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

FL 14605

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			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

SIGNED: 11/07/2025

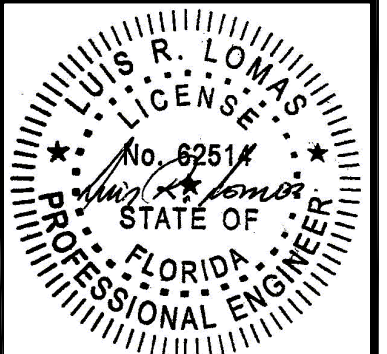


EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

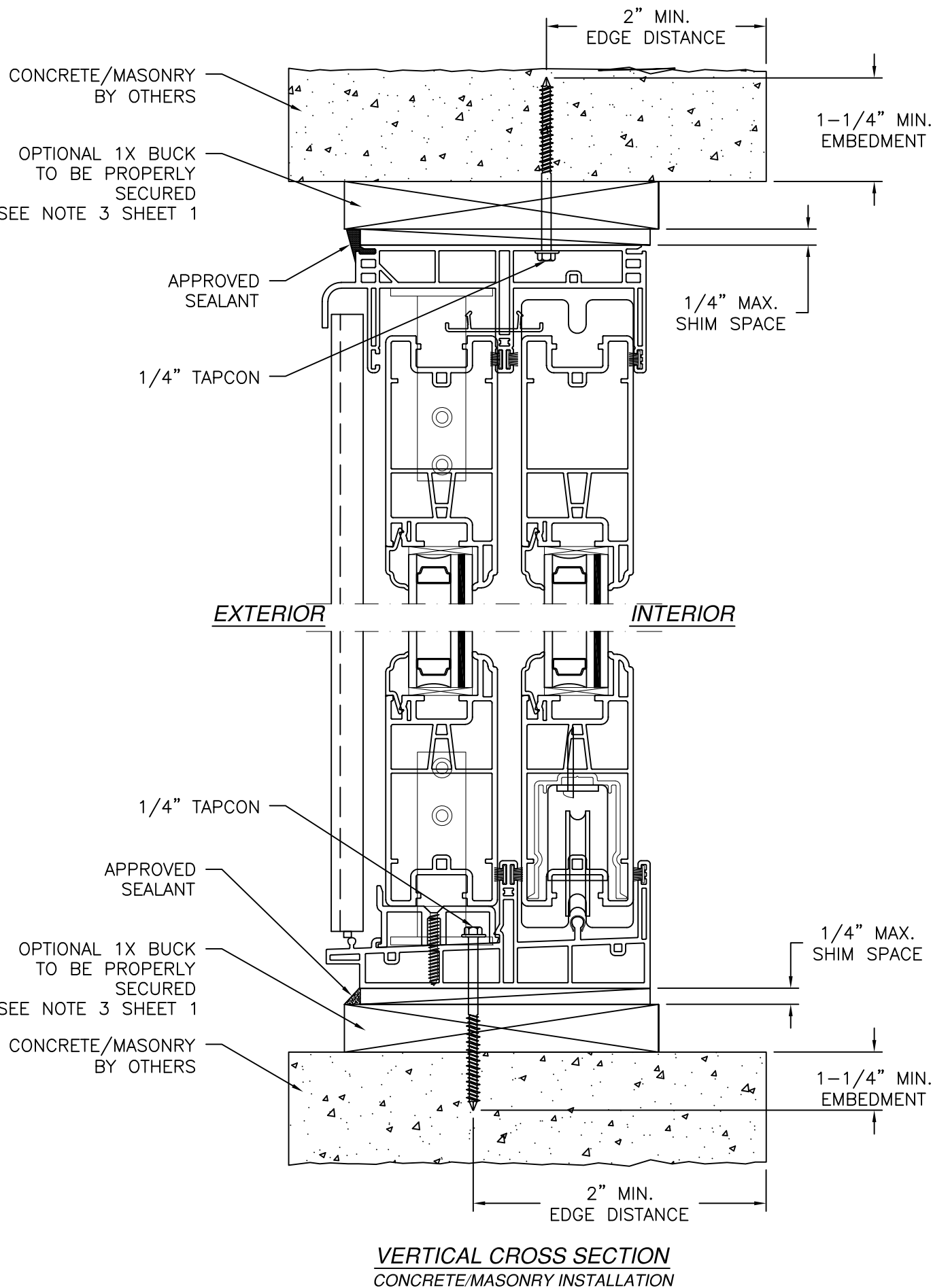
SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 5 OF 8

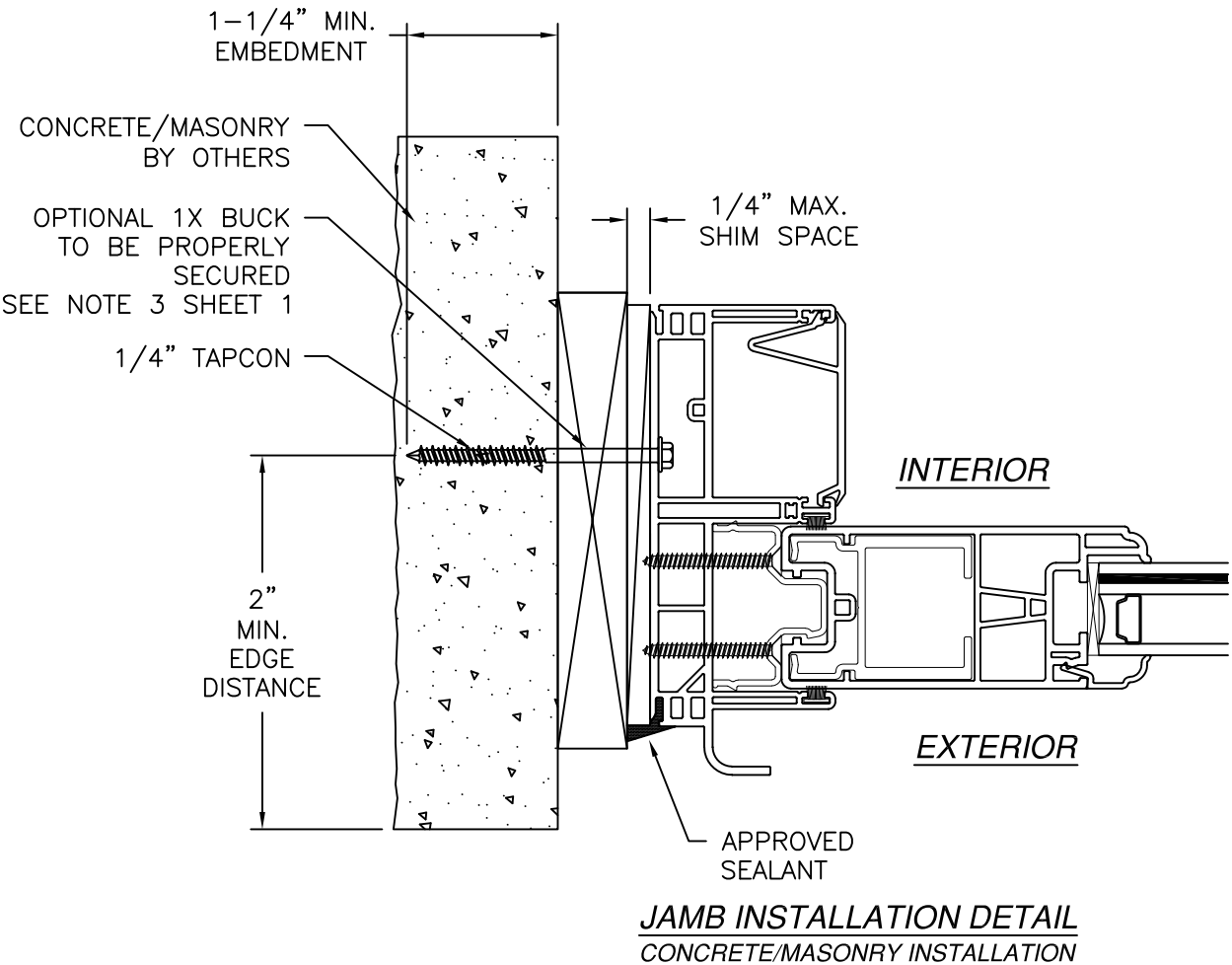
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH



- 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: 11/07/2025

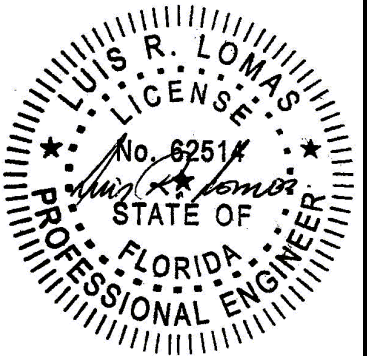


EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

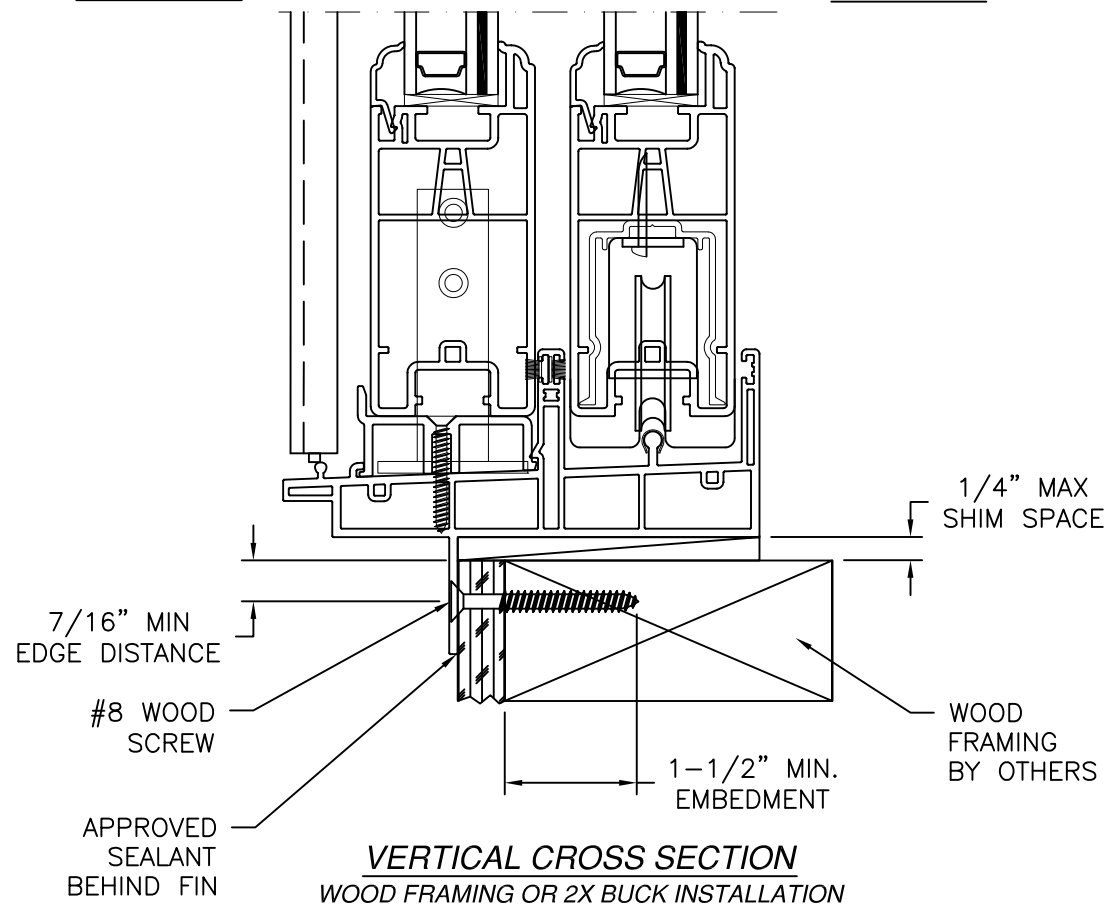
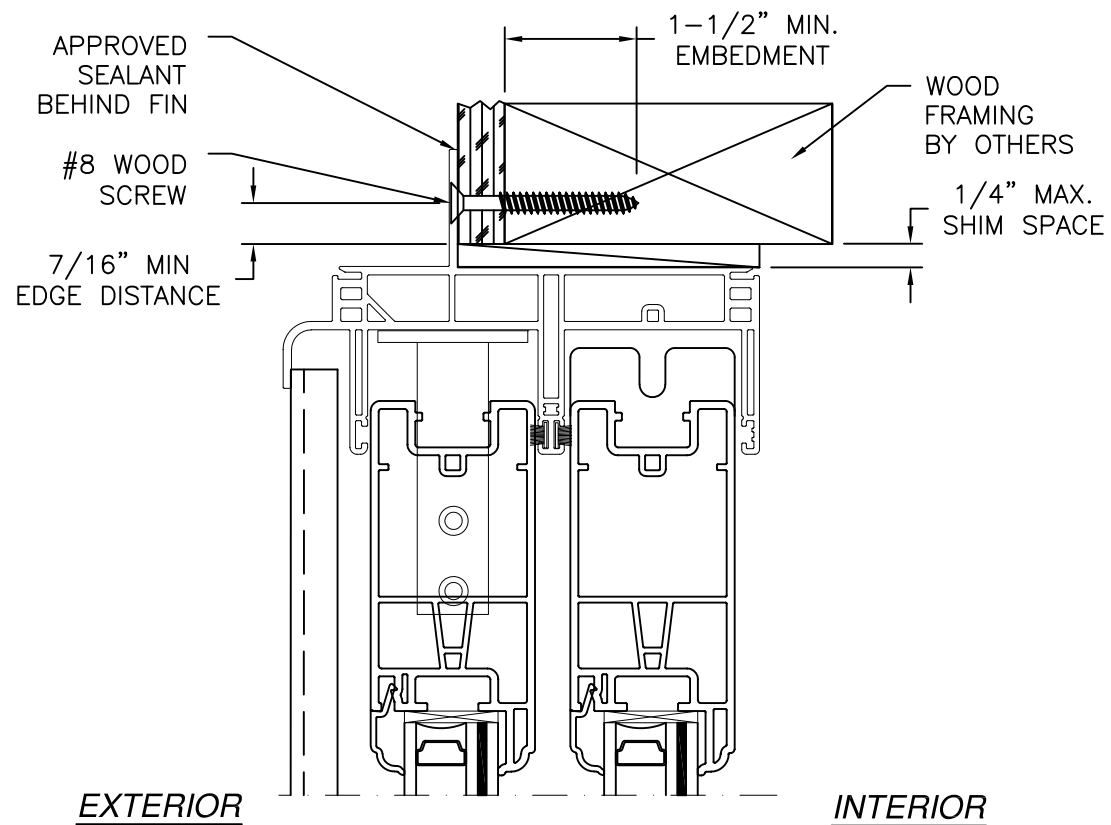
SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 6 OF 8

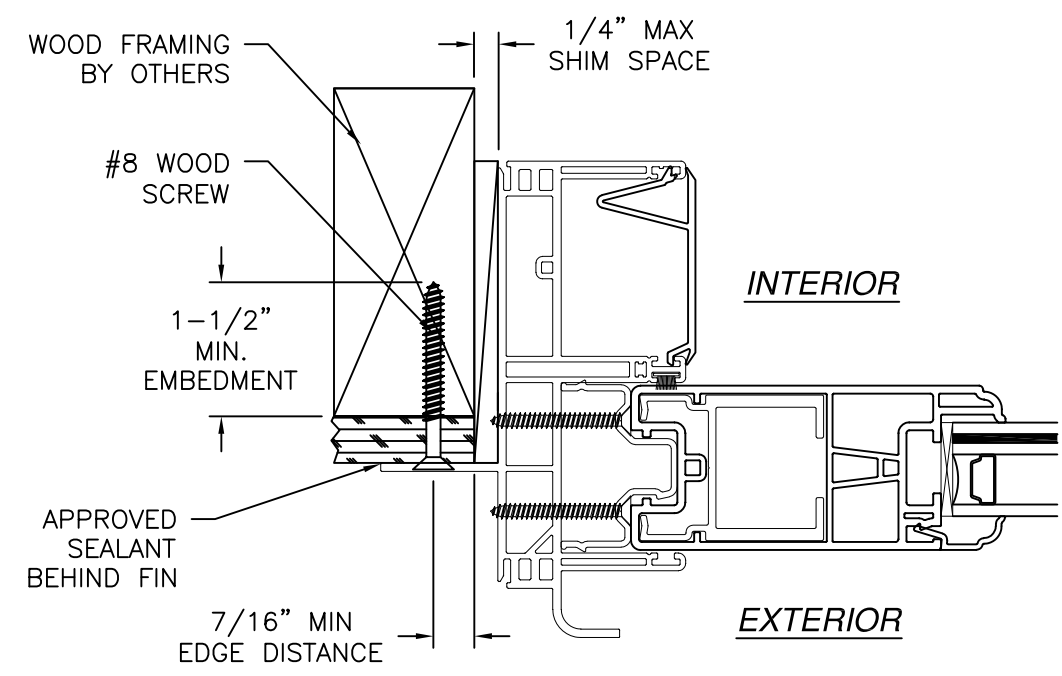
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH

FL I4605



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

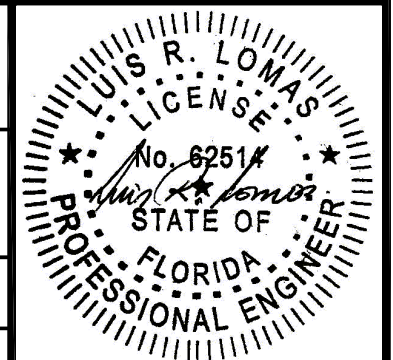
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 7 OF 8

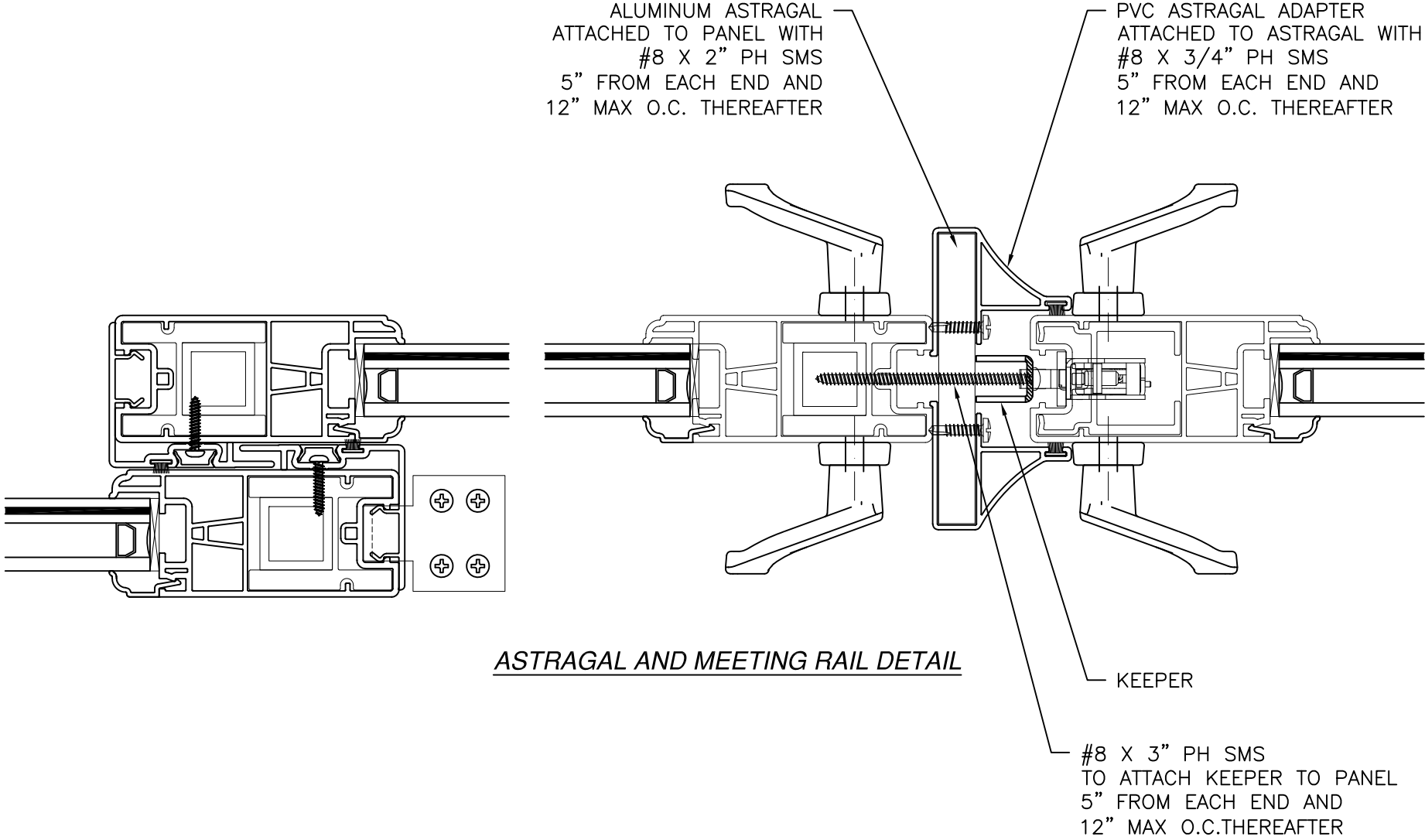
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/07/2025



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED PER NEW REQUIREMENTS	01/10/18	R.L.
C	CURRENT FBC, Ops-0061 & EC25-069	10/14/25	LMH





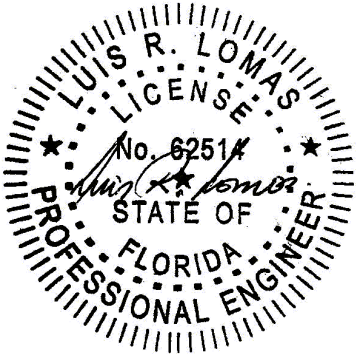
EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

SERIES 623 VINYL SLIDING GLASS DOOR
144" X 96" IMPACT
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01671C	REV C
SCALE NTS	DATE 07/13/12	SHEET 8 OF 8

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

SIGNED: 11/07/2025



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