

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 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.
4. 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.
5. 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.
6. 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.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" CRETE FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME 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.
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 .067" THICK MINIMUM
19. APPROVED CONFIGURATIONS: OXO AND OXXO.

SIGNED: 11/07/2025

FL 17759

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 - 6	INSTALLATION DETAILS



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

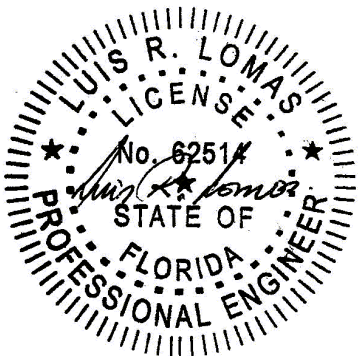
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR

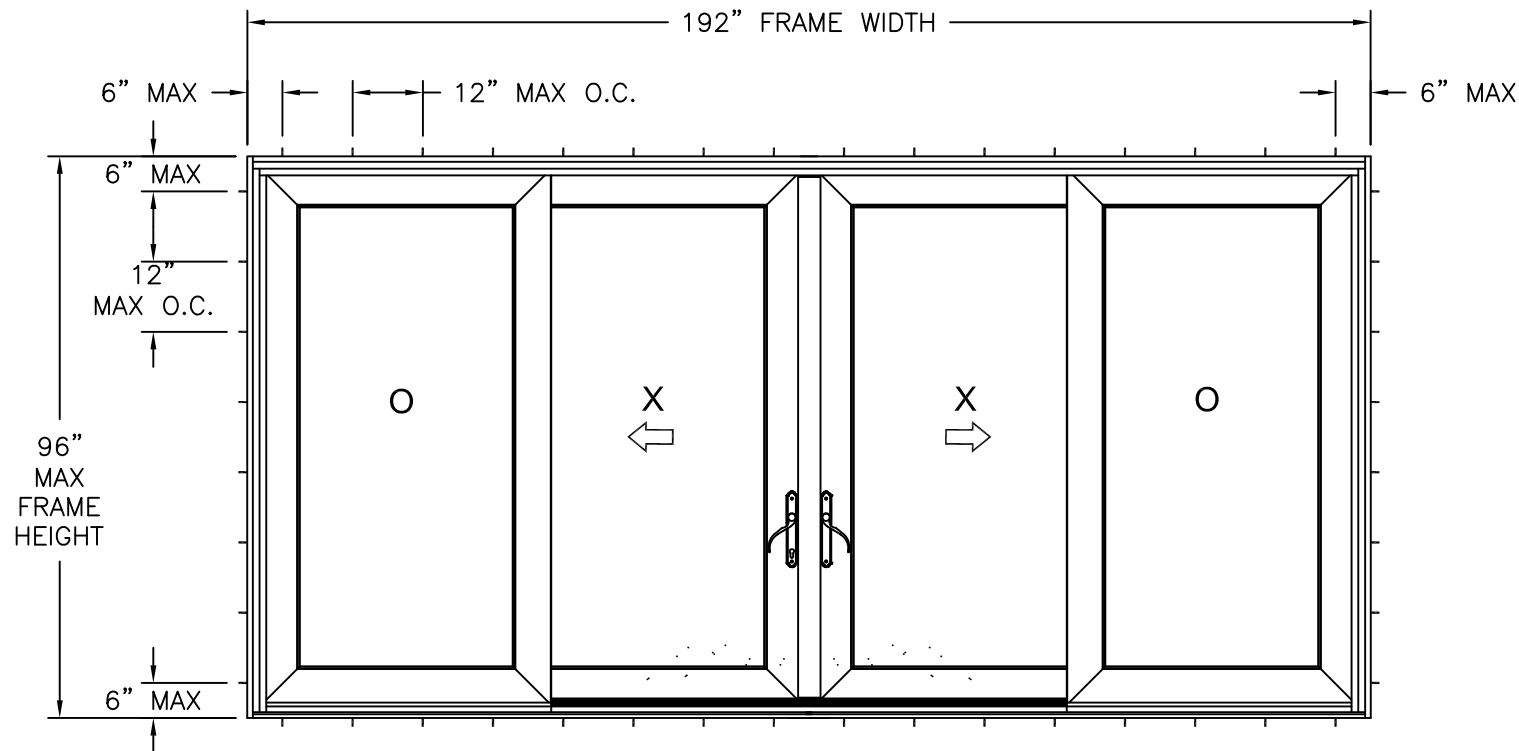
NOTES

DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 1 OF 6

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



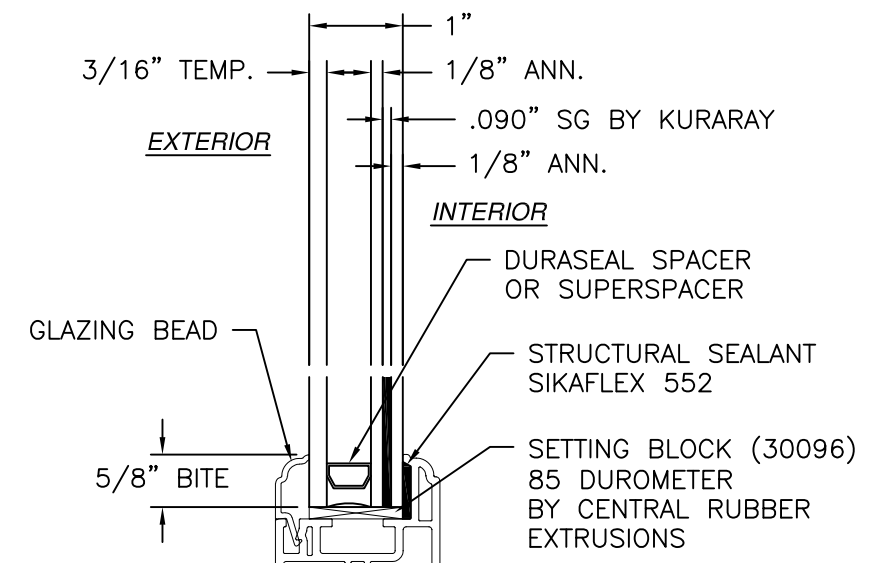
625.620 PD VINYL EQUAL LEG FRAME SLIDING GLASS DOOR

EXTERIOR VIEW
FRAME INSTALLATION

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

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

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



GLAZING DETAIL

NOTES:

1. MAXIMUM PANEL SIZE: 49-3/16" X 93-1/2"
2. MAXIMUM D.L.O.: 40-3/4" X 85"
3. (4) 1" X 1/4" WEEP NOTCHES AT EACH CORNER OF EXTERIOR SILL AND INTERIOR TRACK LEG.

HARDWARE SCHEDULE

A.	(4) STEEL FRONT ADJUSTABLE TANDEM ROLLER AT EACH OPERABLE PANEL BOTTOM RAIL CORNER
B.	(2) INSIDE/OUTSIDE PULL HANDLE AT LOCK STILE OF OPERABLE PANELS
C.	(1) GEMINI II LOCK WITH 2450 TRIMPLATE 38 1/4" FROM BOTTOM PANEL AT LOCK STILE
D.	(1) STEEL KEEPER (GEMINI 1") 38 1/4" FROM BOTTOM PANEL AT LATCH STILE
E.	(1) ALUMINUM REINFORCEMENT H SHAPED (10300151) AT EACH FIXED PANEL INTERLOCK
F.	(ALUMINUM SQUARE TUBE REINFORCEMENT (10300151-A) AT EACH OPERABLE PANEL VERTICAL INTERLOCK RAIL
G.	(1) FREE FLOATING ALUMINUM REINFORCEMENT (10300150) AT EACH FIXED PANEL JAMB STILE AND ACTIVE PANEL LOCKSTILE
H.	(1) ALUMINUM RAIL INSERT REINFORCEMENT (10300152) AT EACH OPERABLE PANEL BOTTOM RAIL
I.	(1) ALUMINUM "L" ANGLE (EMS 11-63-275) AT FRAME SILL
J.	(4) NYLON IMPACT BRACKETS (011H055-D) ONE AT EACH OPERABLE PANEL INTERLOCK STILE, TOP/BOTTOM RAIL INTERFACE

FL 17759



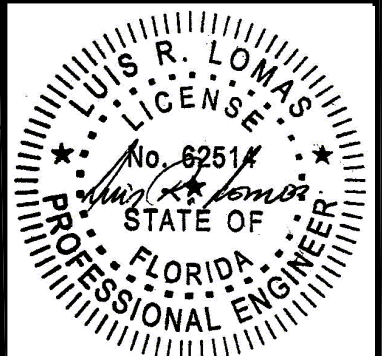
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR ELEVATIONS

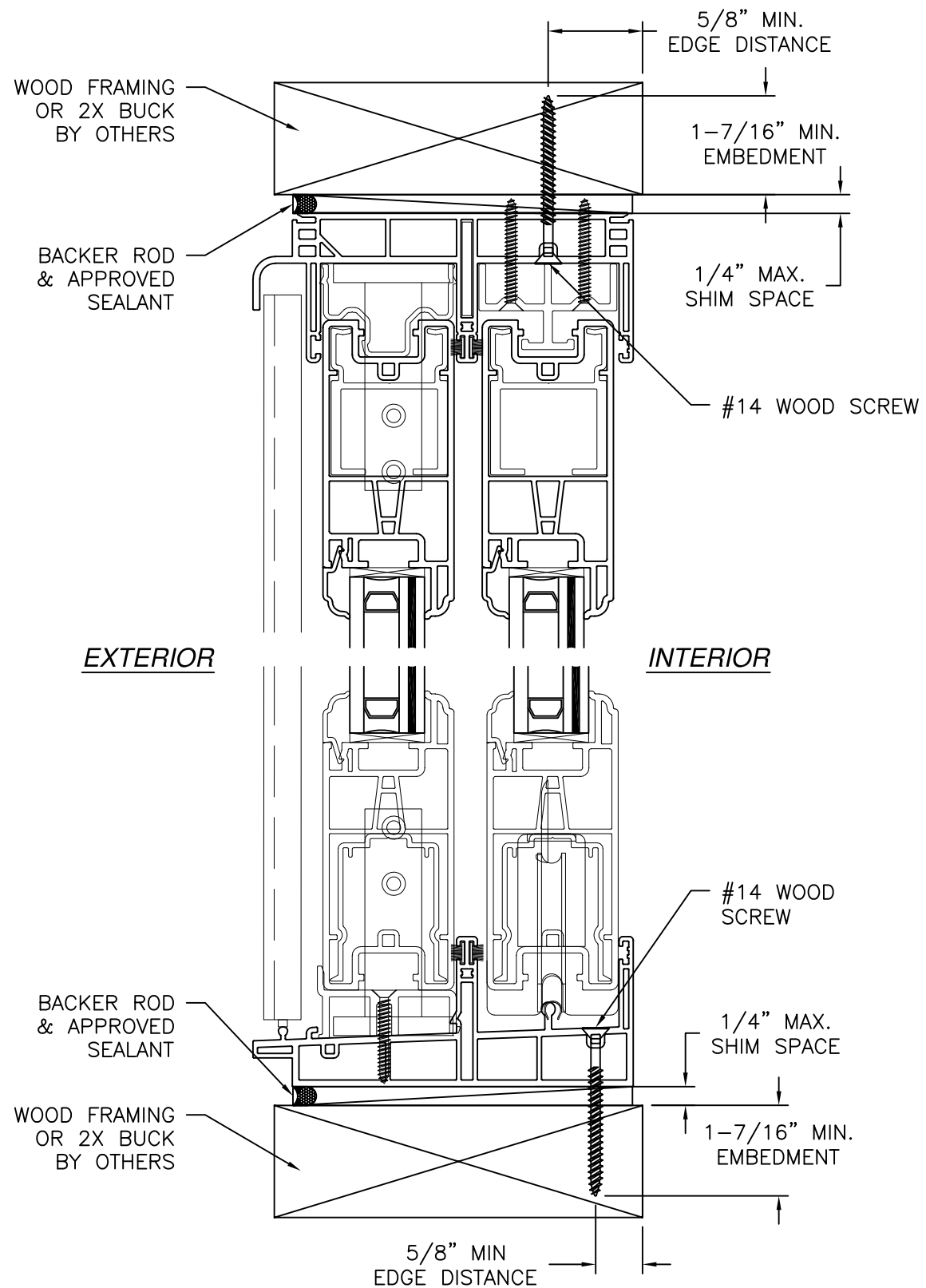
DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 2 OF 6

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

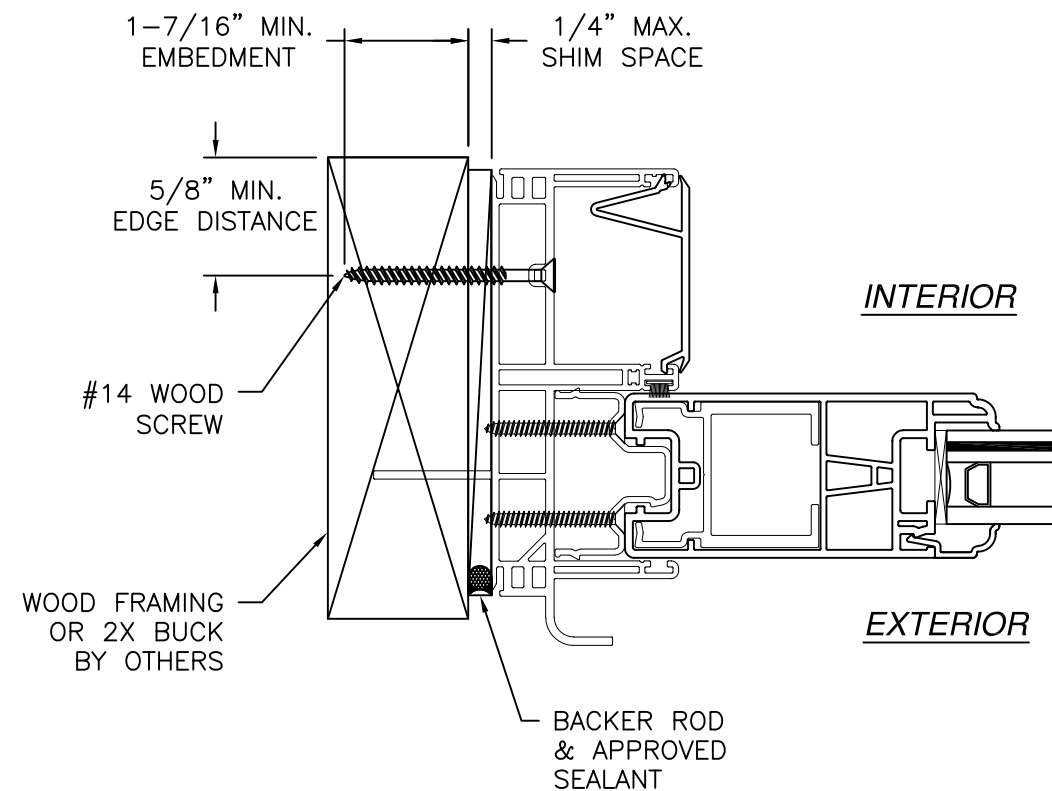


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

FL 17759

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
WOOD FRAMING OR 2X BUCK INSTALLATION



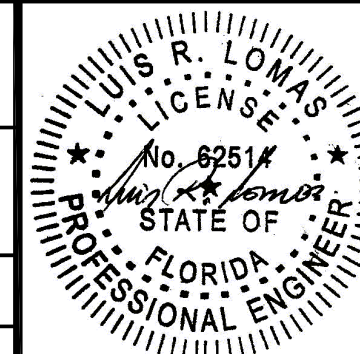
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR INSTALLATION DETAILS

DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 3 OF 6

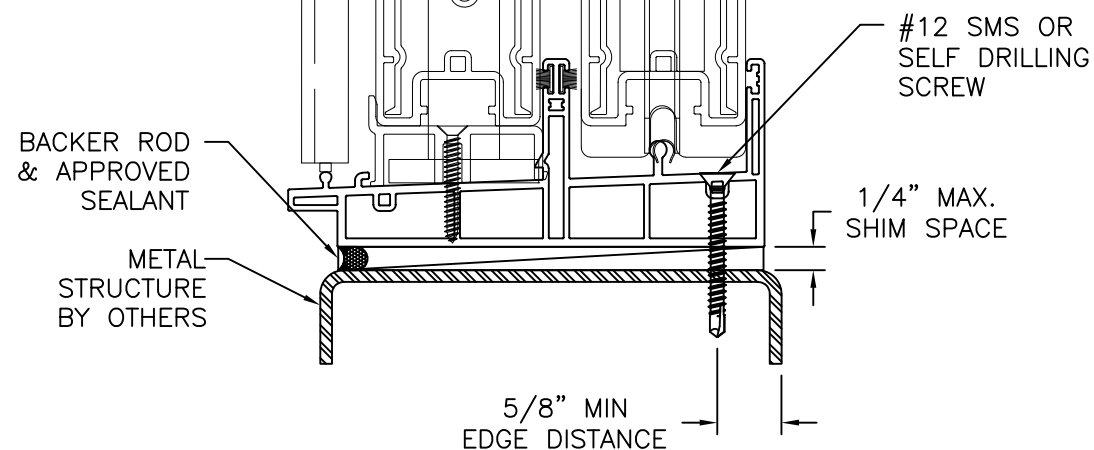
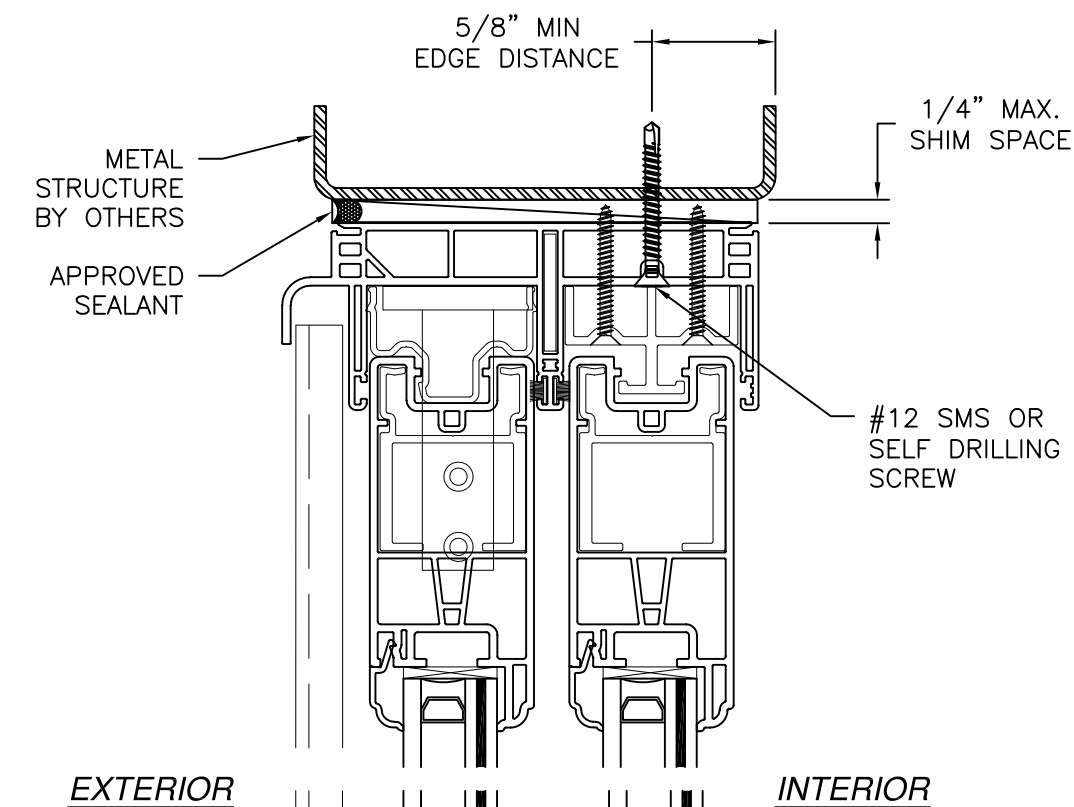
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/07/2025

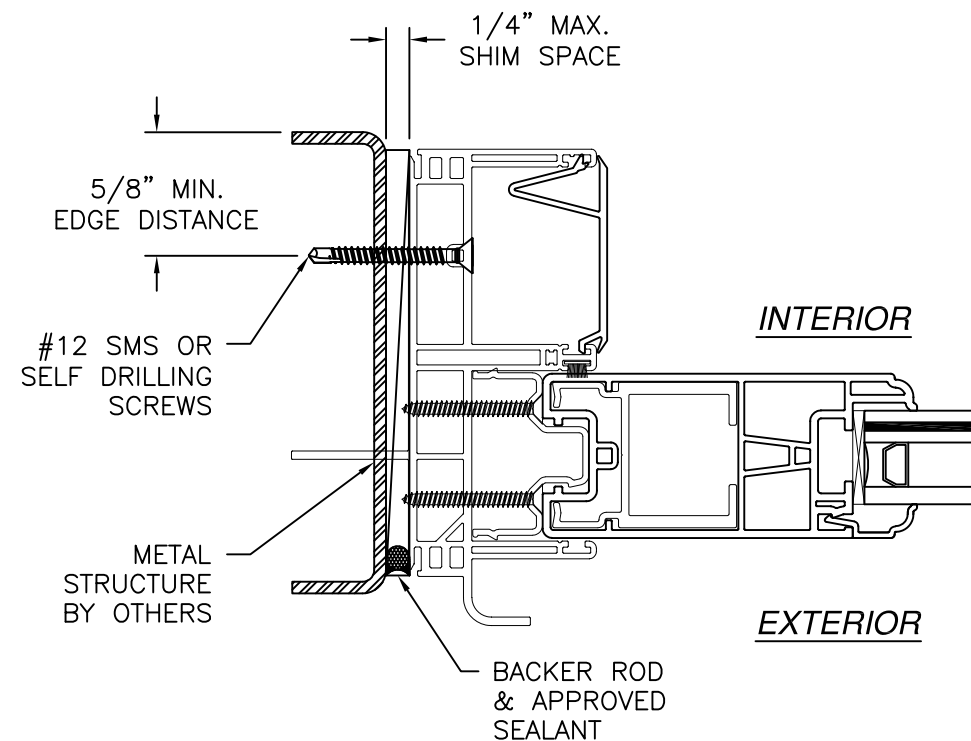


Luis R. Lomas P.E.
FL No.: 62514

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



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE 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

FL 17759



EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

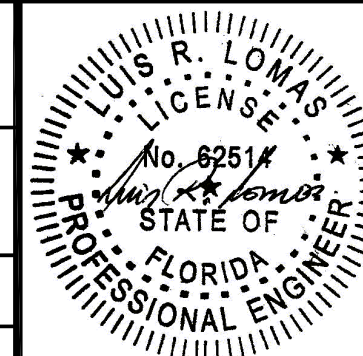
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR INSTALLATION DETAILS

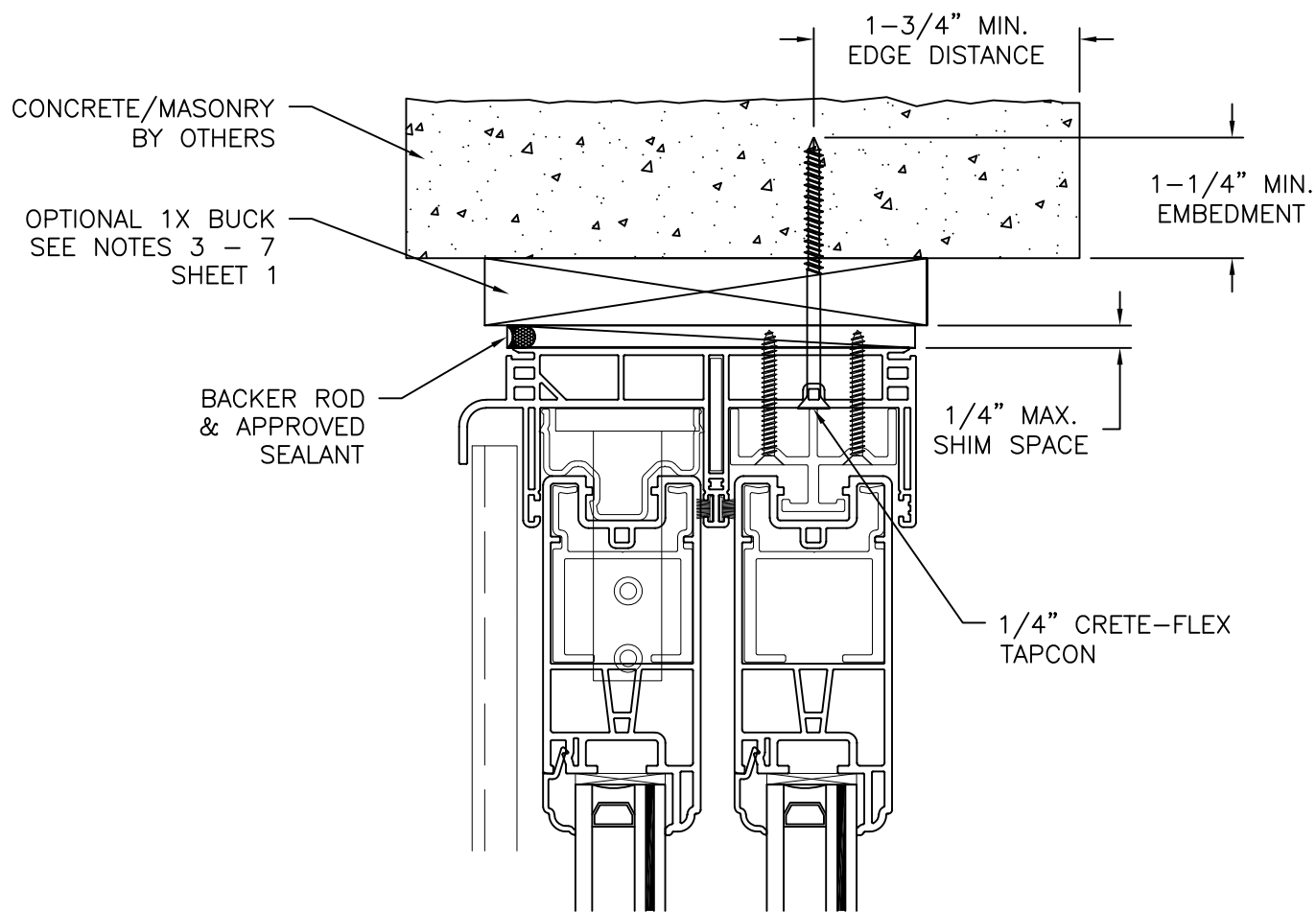
DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 4 OF 6

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

SIGNED: 11/07/2025

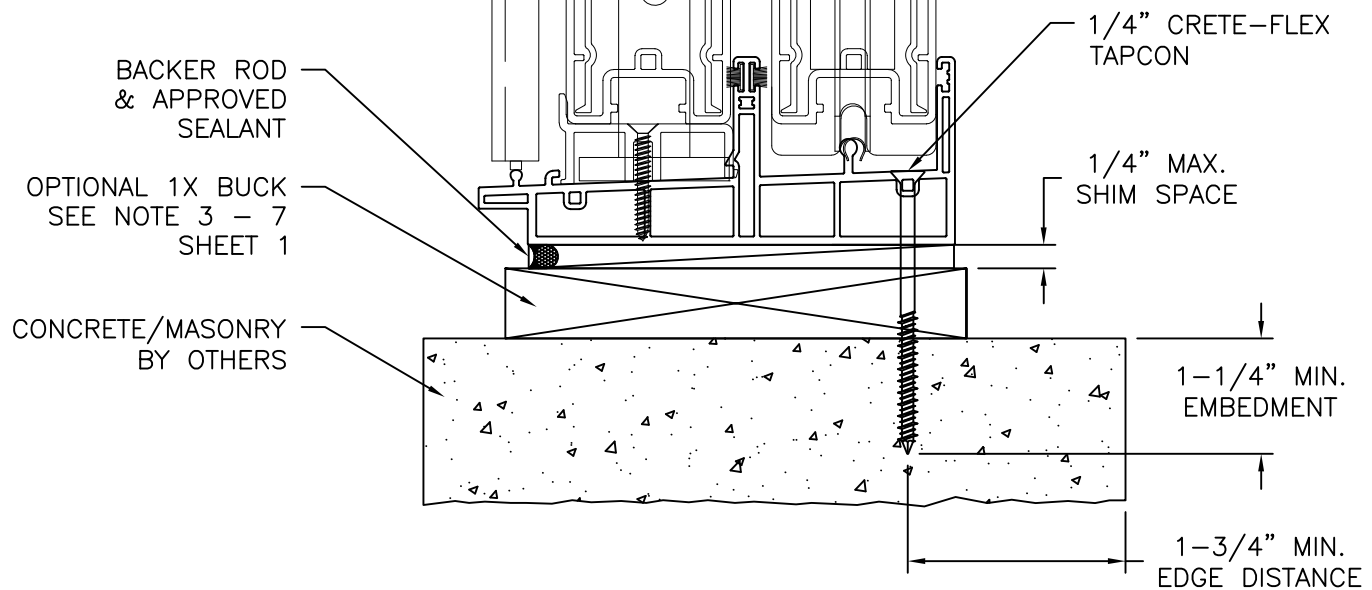


Luis R. Lomas P.E.
FL No.: 62514



EXTERIOR

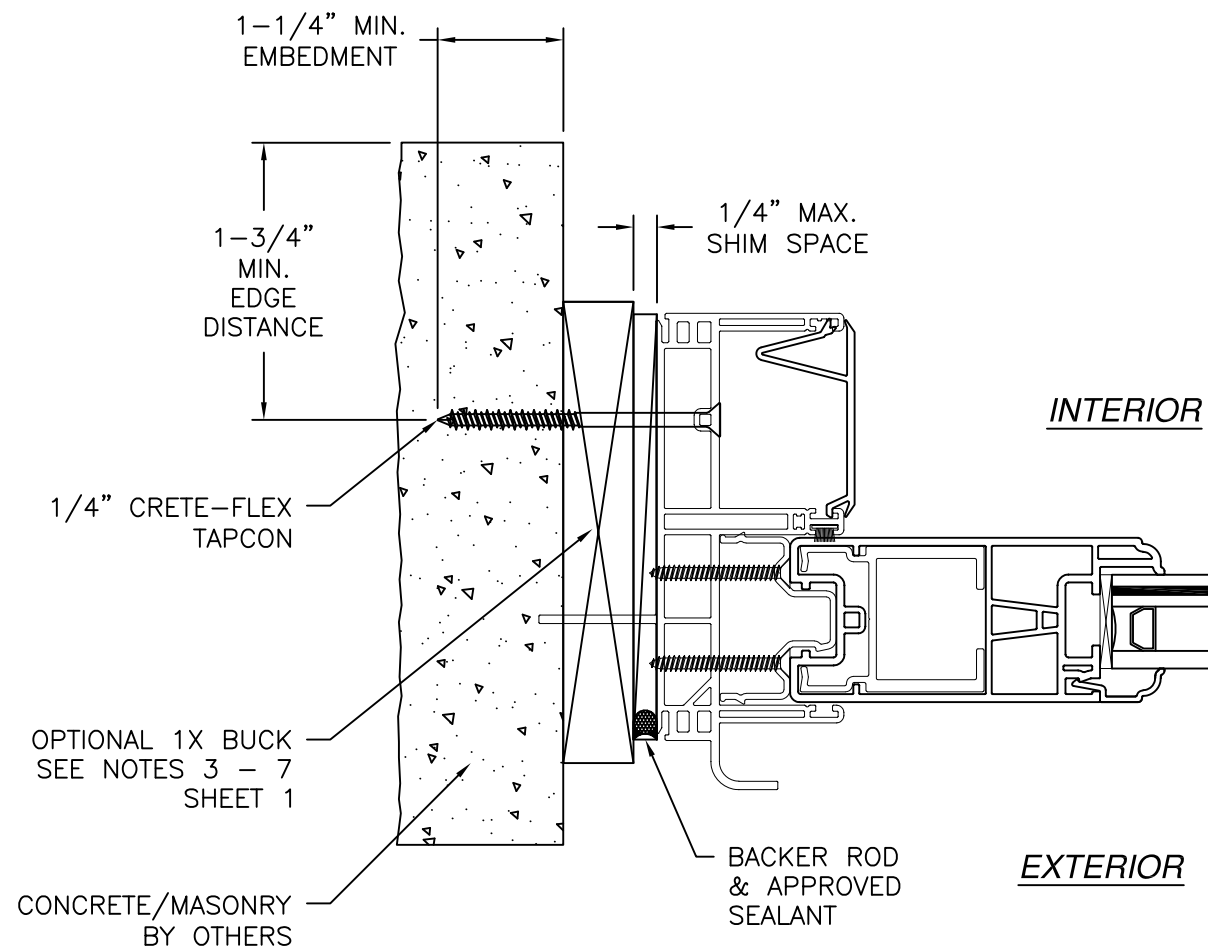
INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

FL 17759

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



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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: 11/07/2025

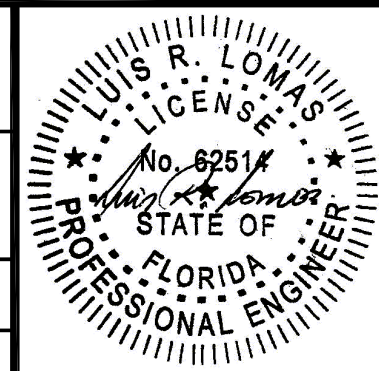


EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR INSTALLATION DETAILS

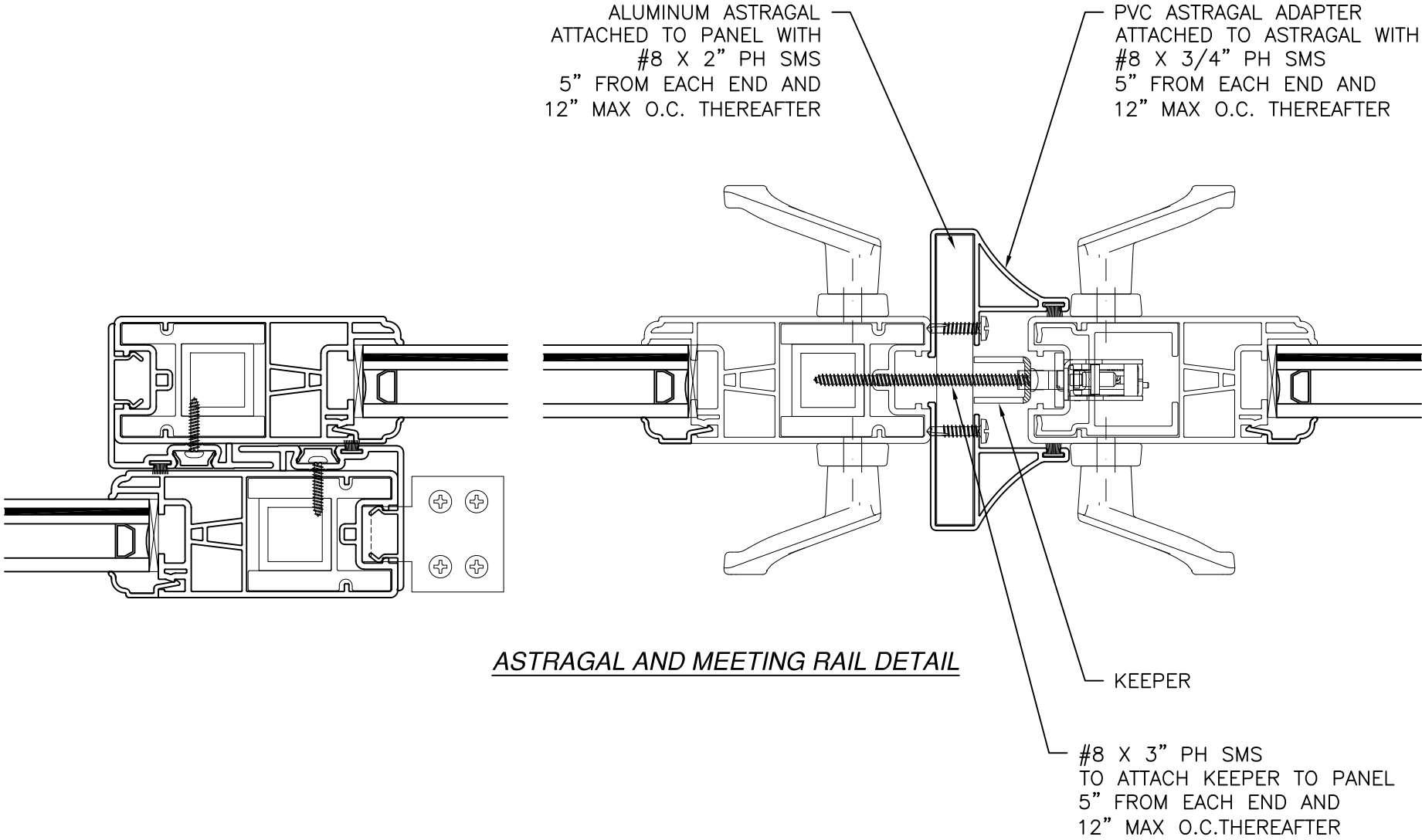
DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 5 OF 6

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



SIGNED: 11/07/2025

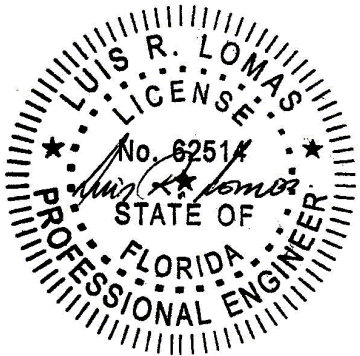


EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 CORNERSTONE BUILDING BRANDS
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

623 HVHZ PD W/IMPACT BRACKETS HIGH PRESSURE VINYL EQUAL LEG FRAME SLIDING GLASS DOOR
 INSTALLATION DETAILS

DRAWN: N.G.	DWG NO. 08-02695C	REV C
SCALE NTS	DATE 04/16/15	SHEET 6 OF 6

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