

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.

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 SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" 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.
4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. 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.
6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: ALUMINUM 6063-T5.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE GLASS DETAIL IN SHEET 6.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH CLIP INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH CLIP INTO MASONRY/CONCRETE USE 1/4" 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.
15. FOR ANCHORING THROUGH CLIP 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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:
 - 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 17.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM
18. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 5	INSTALLATION DETAILS
6	COMPONENTS

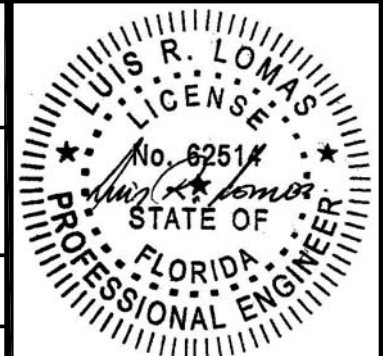
ALL SEASONS COMMERCIAL DIVISION, INC.
1293 N. HARVEY MITCHELL PARKWAY
BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
CASEMENT WINDOW
NOTES

DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	SHEET 1 OF 6

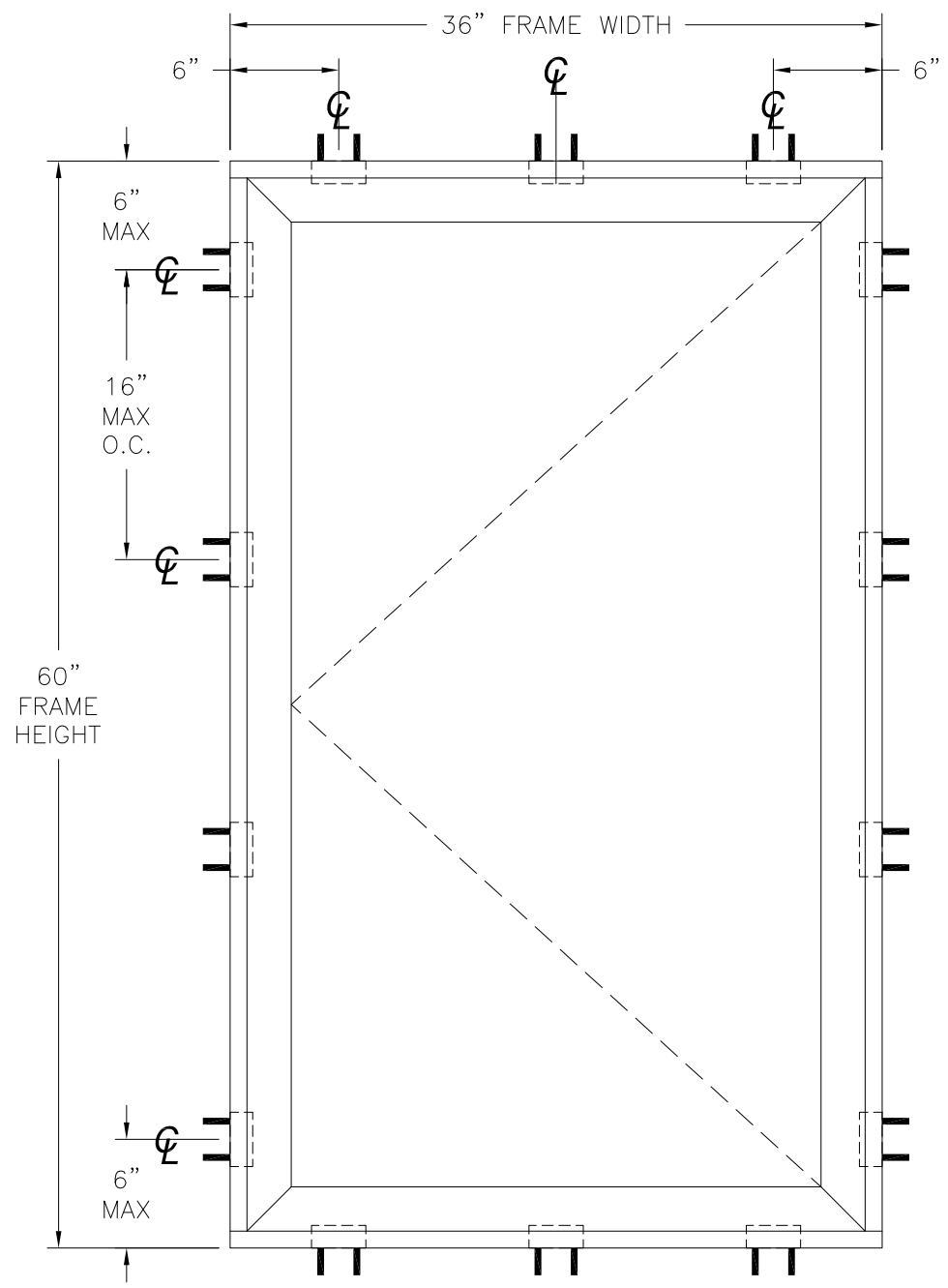
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/12/2024

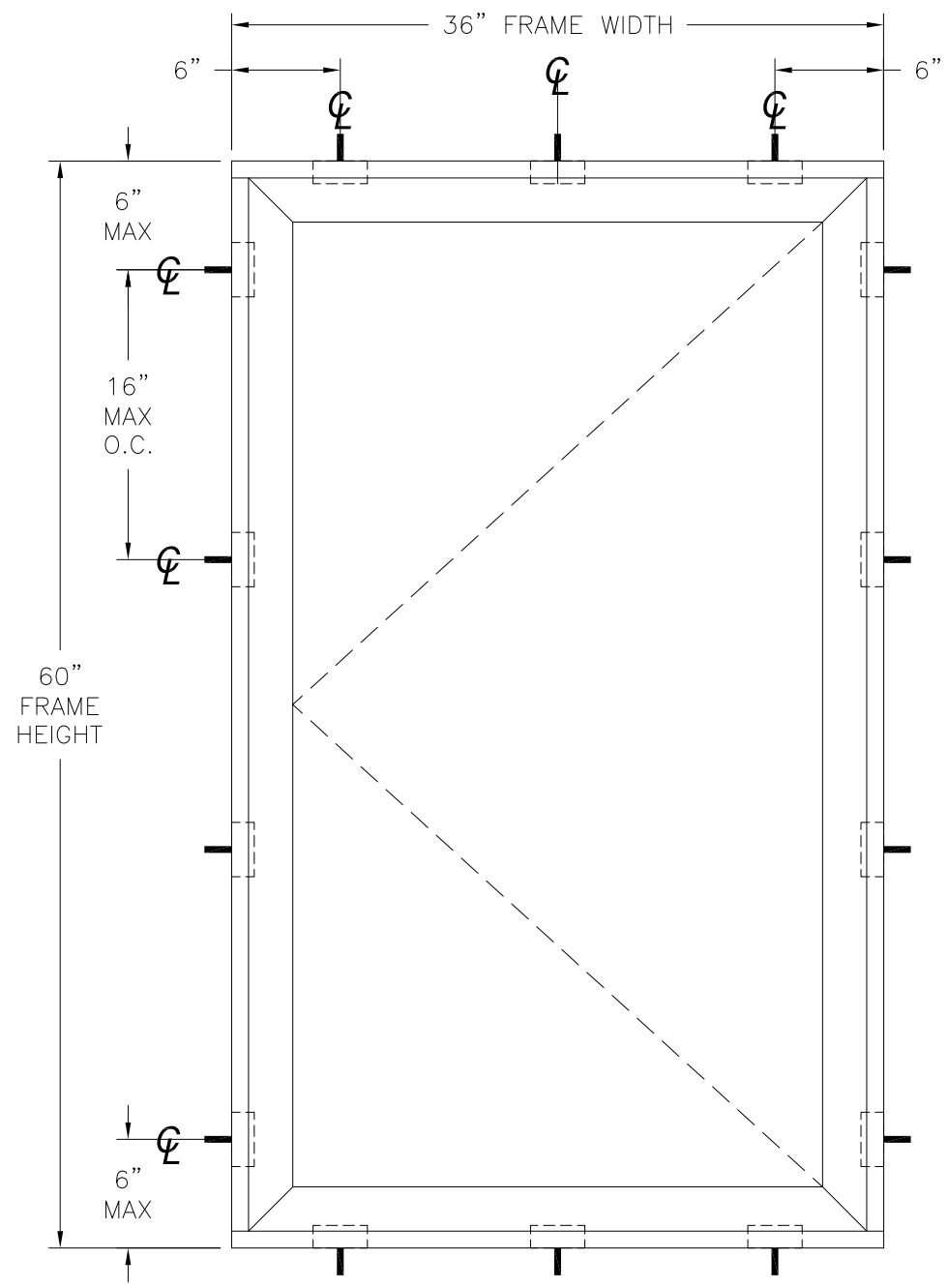


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.



SERIES E3250COS CASEMENT WINDOW
EXTERIOR VIEW
WOOD AND METAL SUBSTRATE INSTALLATION



SERIES E3250COS CASEMENT WINDOW
EXTERIOR VIEW
MASONRY/CONCRETE SUBSTRATE INSTALLATION

- NOTES:**
- SASH SIZE: 34 5/16" X 58 1/4"
 - D.L.O.: 29 1/4" X 53 5/16"

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

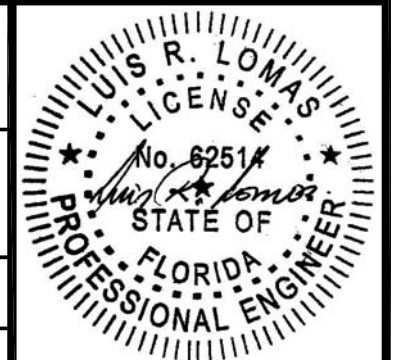
SIGNED: 02/12/2024

ALL SEASONS COMMERCIAL DIVISION, INC.
1293 N. HARVEY MITCHELL PARKWAY
BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
CASEMENT WINDOW
ELEVATIONS

DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	SHEET 2 OF 6

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

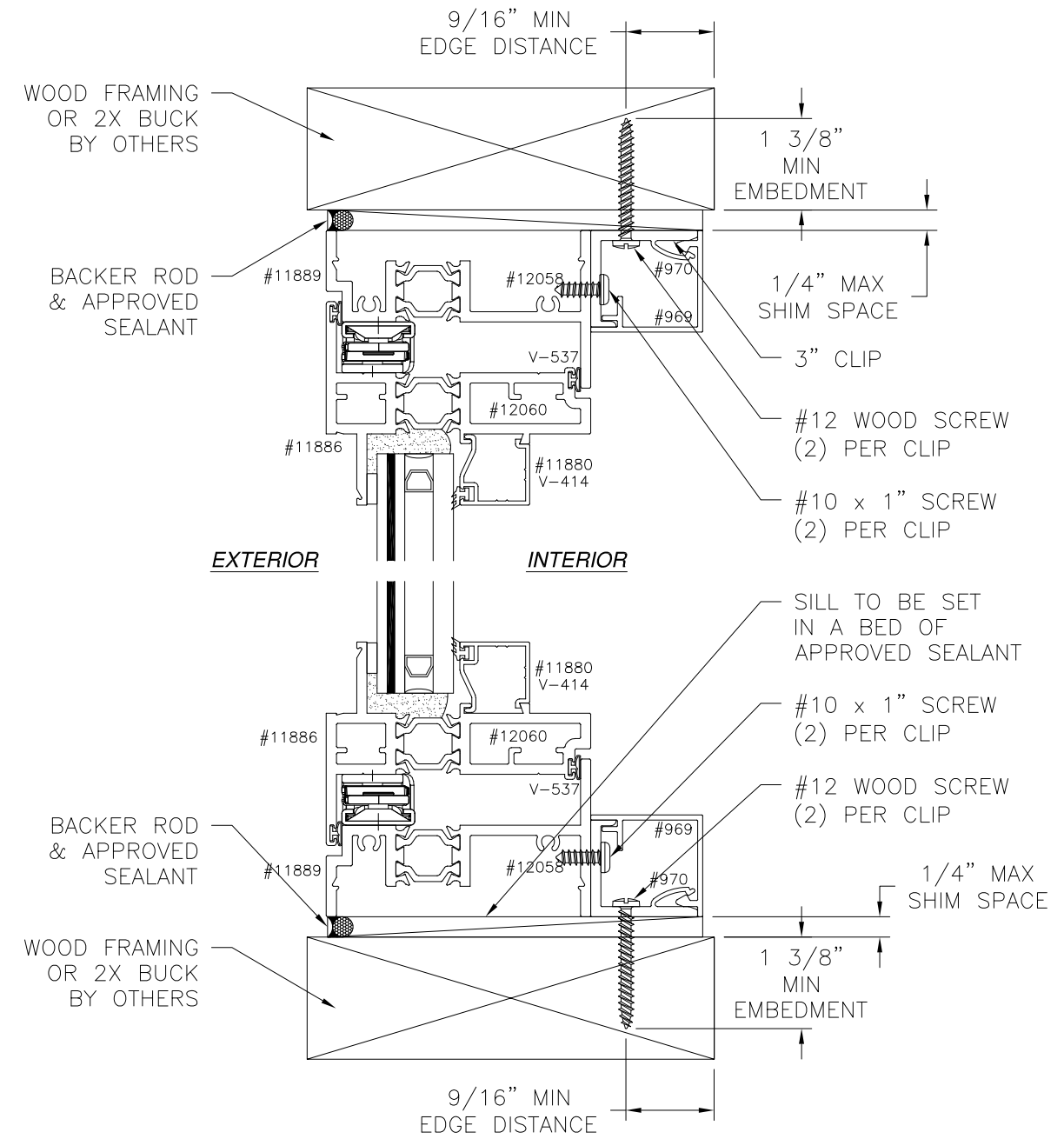


Luis R. Lomas P.E.
FL No.: 62514

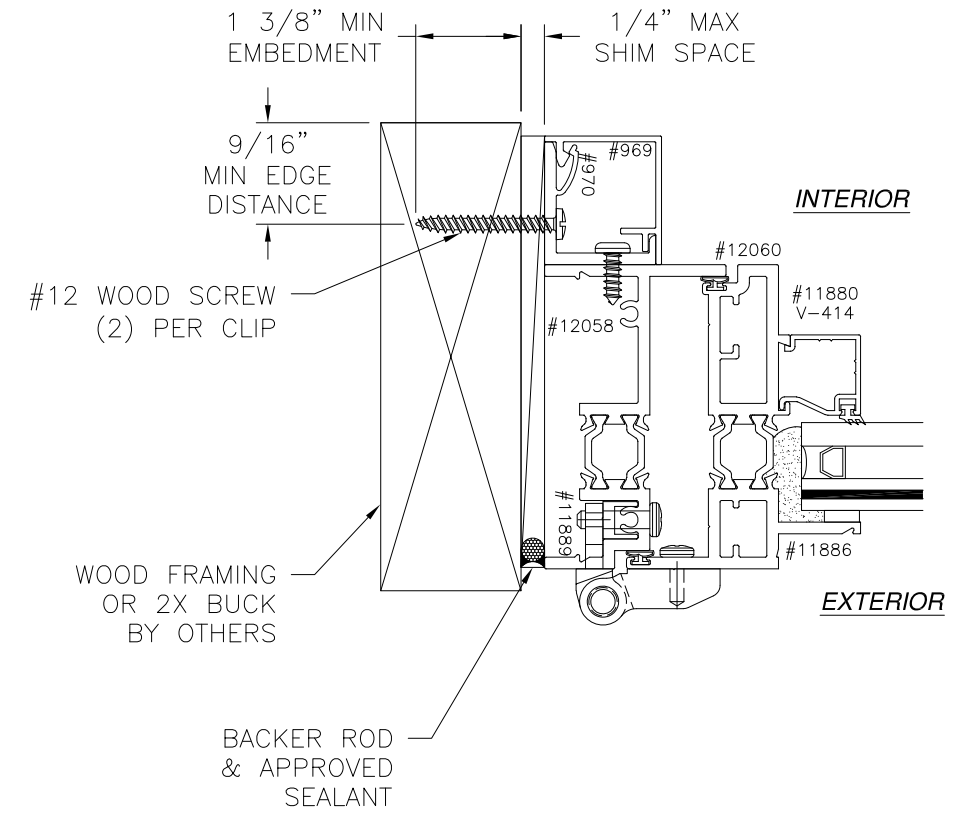
HARDWARE SCHEDULE

A.	METAL LOCK HANDLE W/KEEPERS, (3) POINT INTEGRATED LOCK SYSTEM 10 1/2" FROM BOTTOM OF LOCK JAMB
B.	BUTT TYPE HINGE 5 1/4" FROM EACH END AND MIDSPAN OF HINGE STILE
C.	METAL PULL HANDLE 28 3/4" FROM BOTTOM OF LOCK STILE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

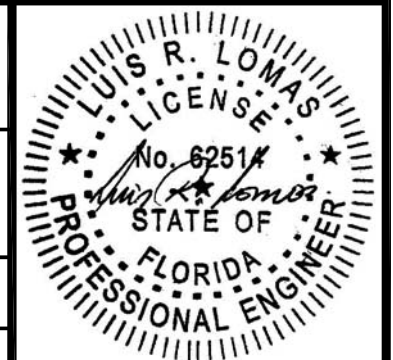
SIGNED: 02/12/2024

ALL SEASONS COMMERCIAL DIVISION, INC.
1293 N. HARVEY MITCHELL PARKWAY
BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
CASEMENT WINDOW
INSTALLATION DETAILS

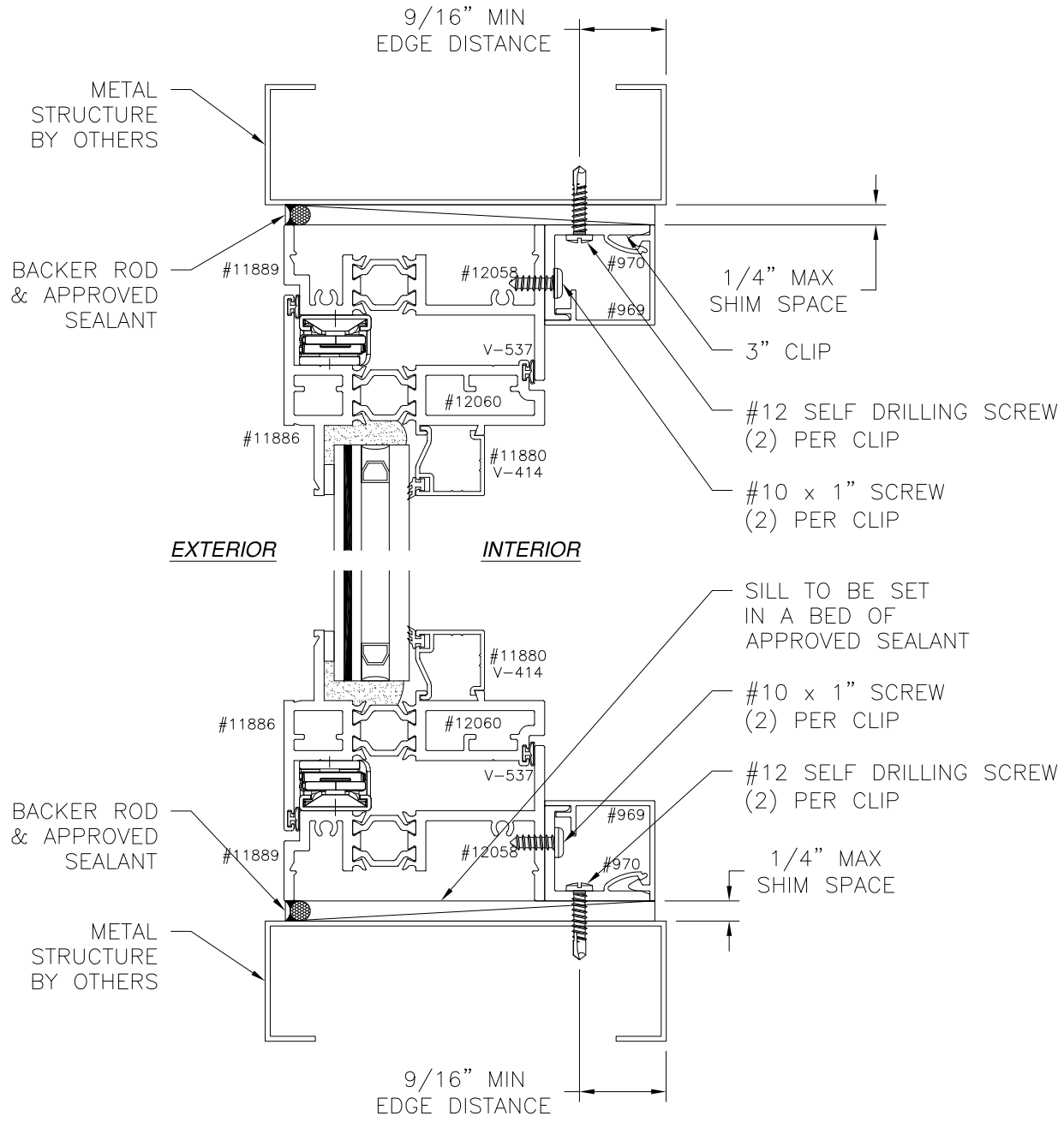
DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	SHEET 3 OF 6

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

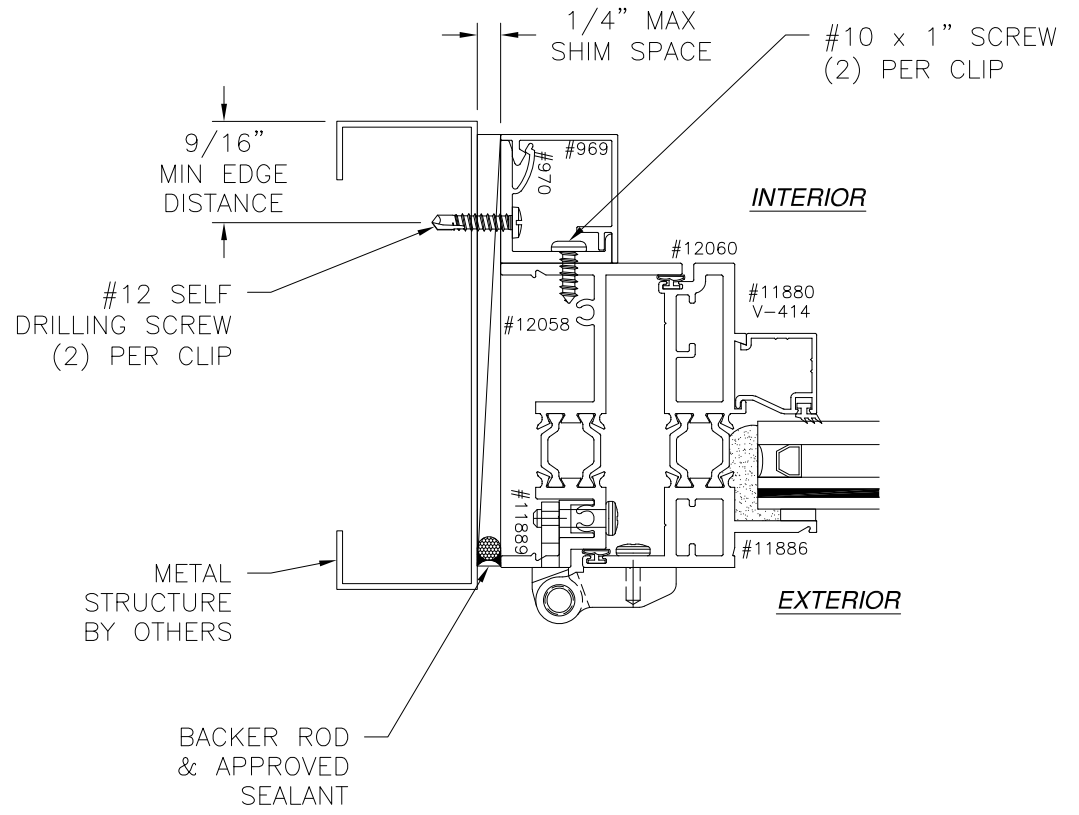


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.



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

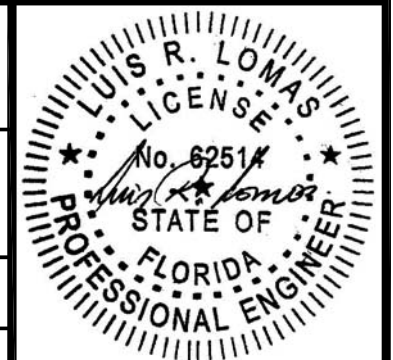
SIGNED: 02/12/2024

ALL SEASONS COMMERCIAL DIVISION, INC.
1293 N. HARVEY MITCHELL PARKWAY
BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
CASEMENT WINDOW
INSTALLATION DETAILS

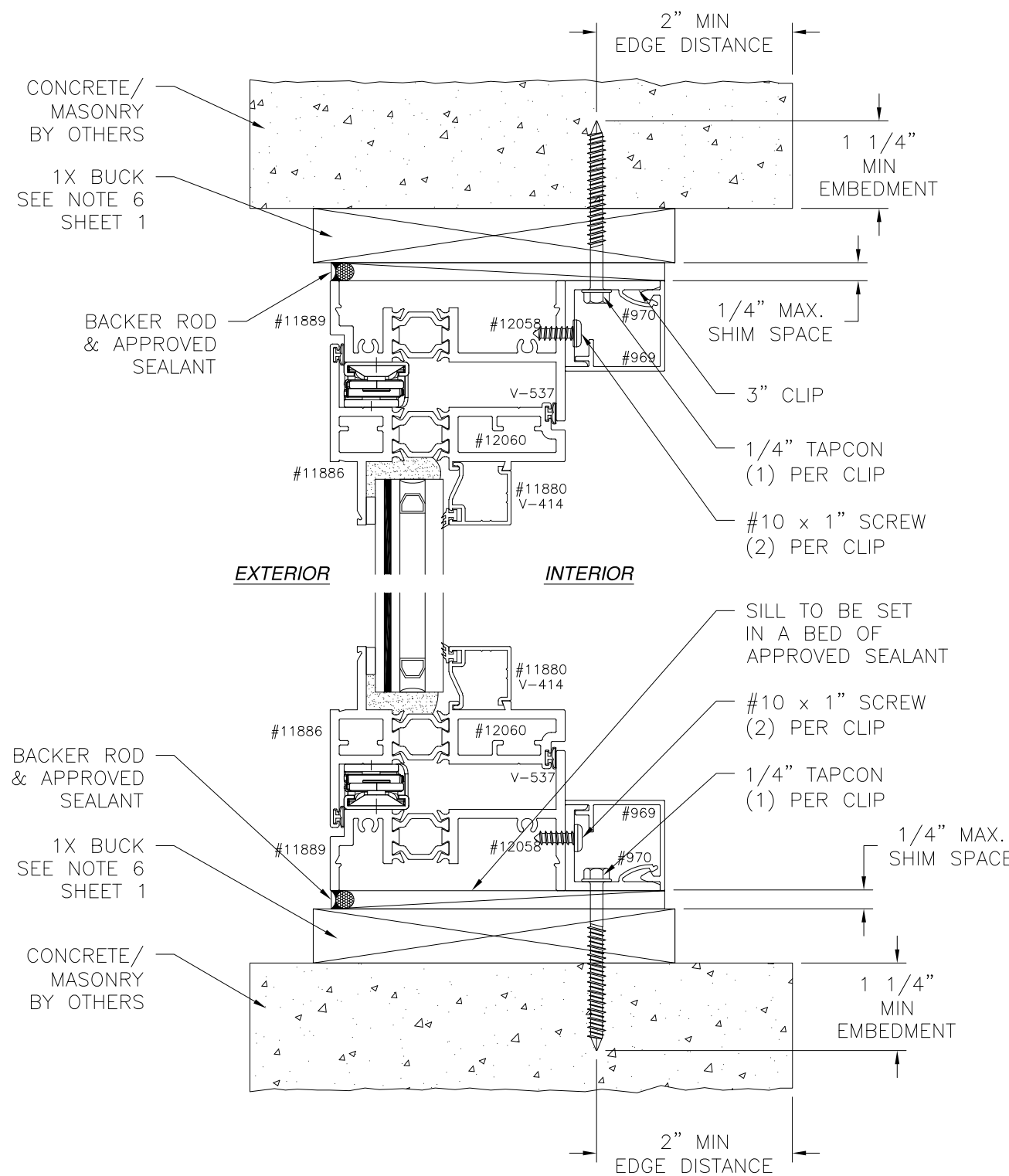
DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	SHEET 4 OF 6

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

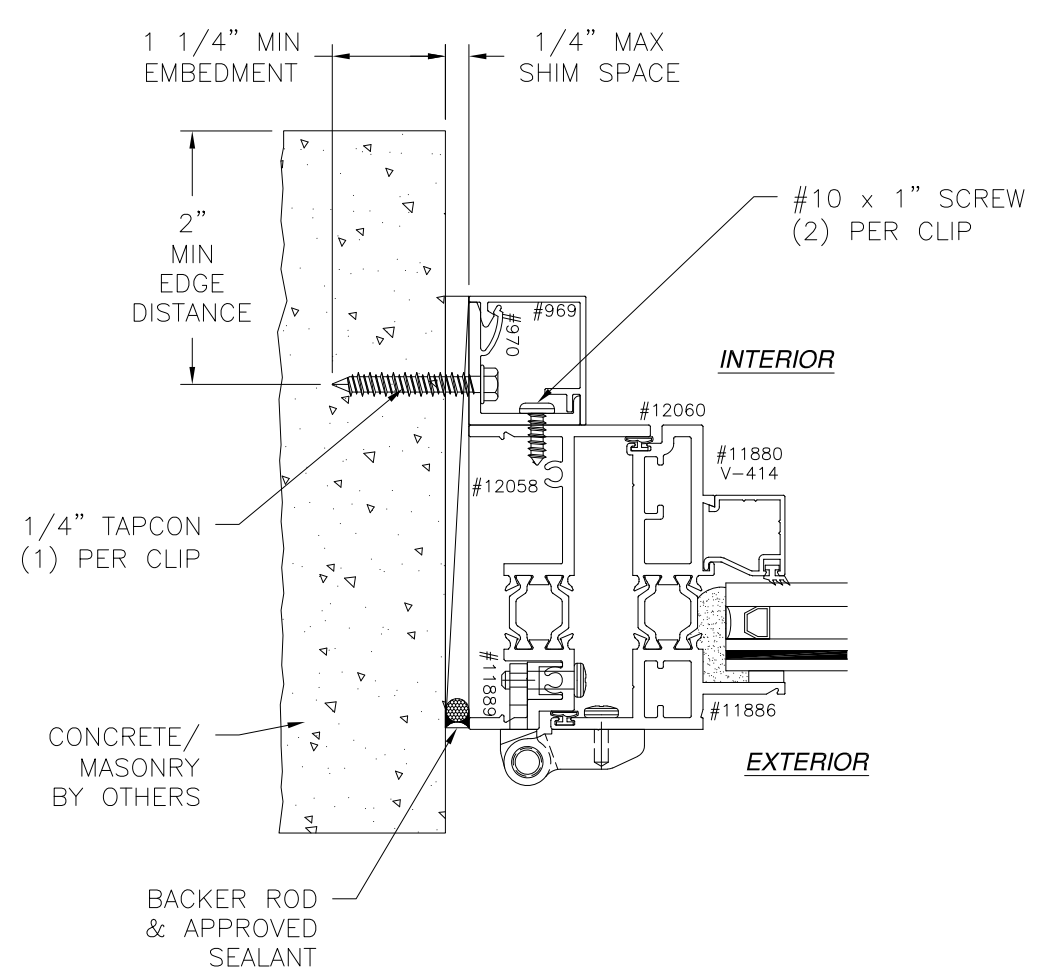


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.



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



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

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

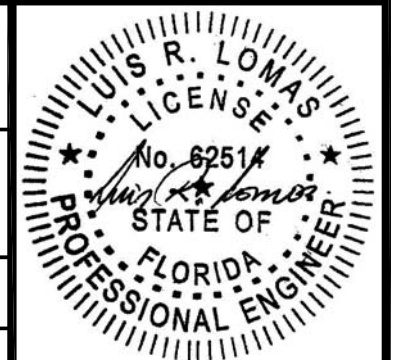
SIGNED: 02/12/2024

ALL SEASONS COMMERCIAL DIVISION, INC.
 1293 N. HARVEY MITCHELL PARKWAY
 BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
 CASEMENT WINDOW
 INSTALLATION DETAILS

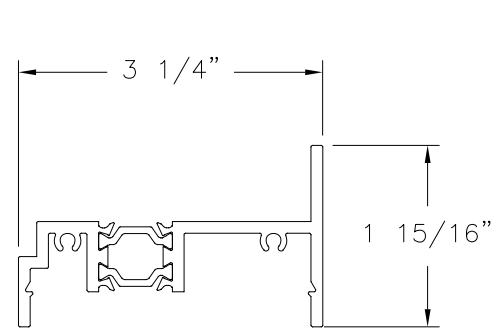
DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	SHEET 5 OF 6

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

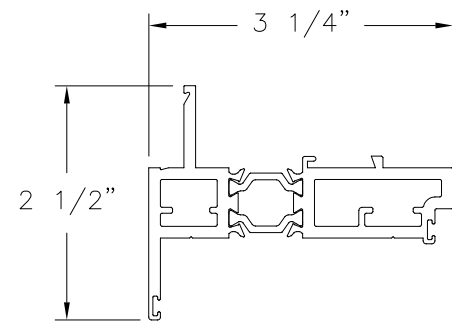


Luis R. Lomas P.E.
 FL No.: 62514

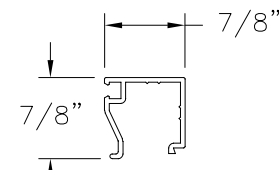
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.



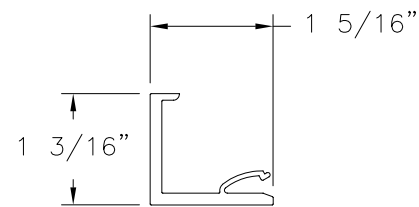
FRAME ASSEMBLY
6063-T5 ALUMINUM



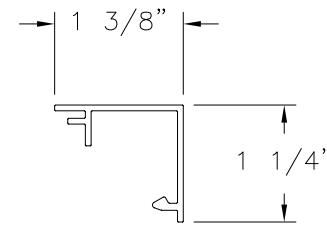
VENT ASSEMBLY
6063-T5 ALUMINUM



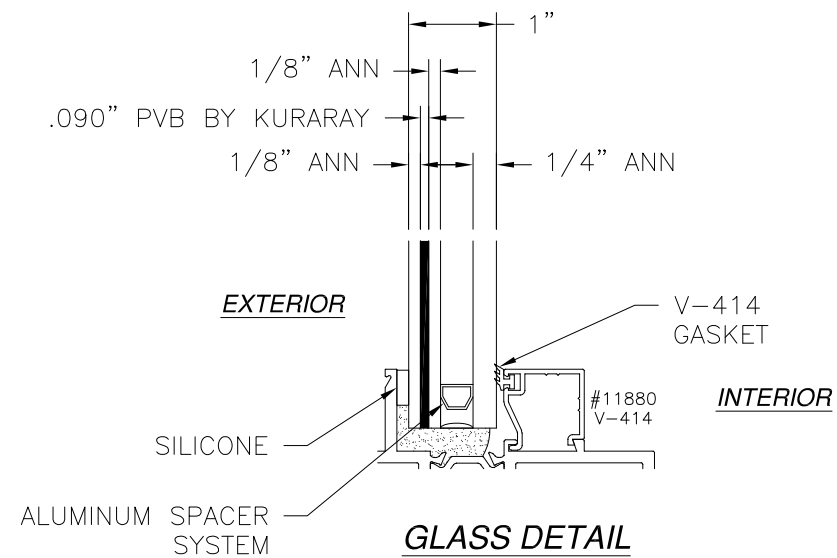
GLAZING BEAD
6063-T5 ALUMINUM



CLIP
6063-T5 ALUMINUM



CLIP COVER
6063-T5 ALUMINUM



GLASS DETAIL

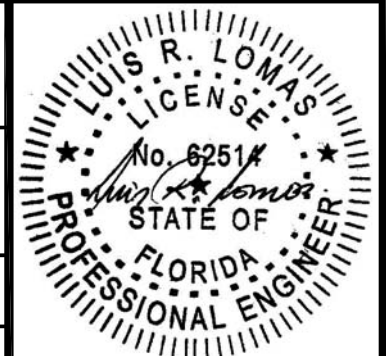
SIGNED: 02/12/2024

ALL SEASONS COMMERCIAL DIVISION, INC.
1293 N. HARVEY MITCHELL PARKWAY
BRYAN, TX

SERIES E3250 ALUMINUM OUTSWING
CASEMENT WINDOW
COMPONENTS

DRAWN: R.L.	DWG NO. 08-03855	REV A
SCALE NTS	DATE 12/23/2022	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