

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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" 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.
4. 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.
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 WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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".
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: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME 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.
15. FOR ANCHORING THROUGH FRAME 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.
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:

18.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42

18.2. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.

18.3. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

18.4. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
19. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.
20. UNITS MAY BE INSTALLED HORIZONTALLY OR VERTICALLY.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 – 6	INSTALLATION DETAILS

VIWINCO INC.

P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES/SIGNATURE/VIWINCO GEO FIXED

72" X 84", NON-IMPACT

NOTES

DRAWN:

N.G.

DWG NO.

08-02589

REV

A

SCALE

NTS

DATE

01/08/15

SHEET

1

OF

6

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/20/2026

LUIS R. LOMAS

LICENS. M.E.S.

No. 62514

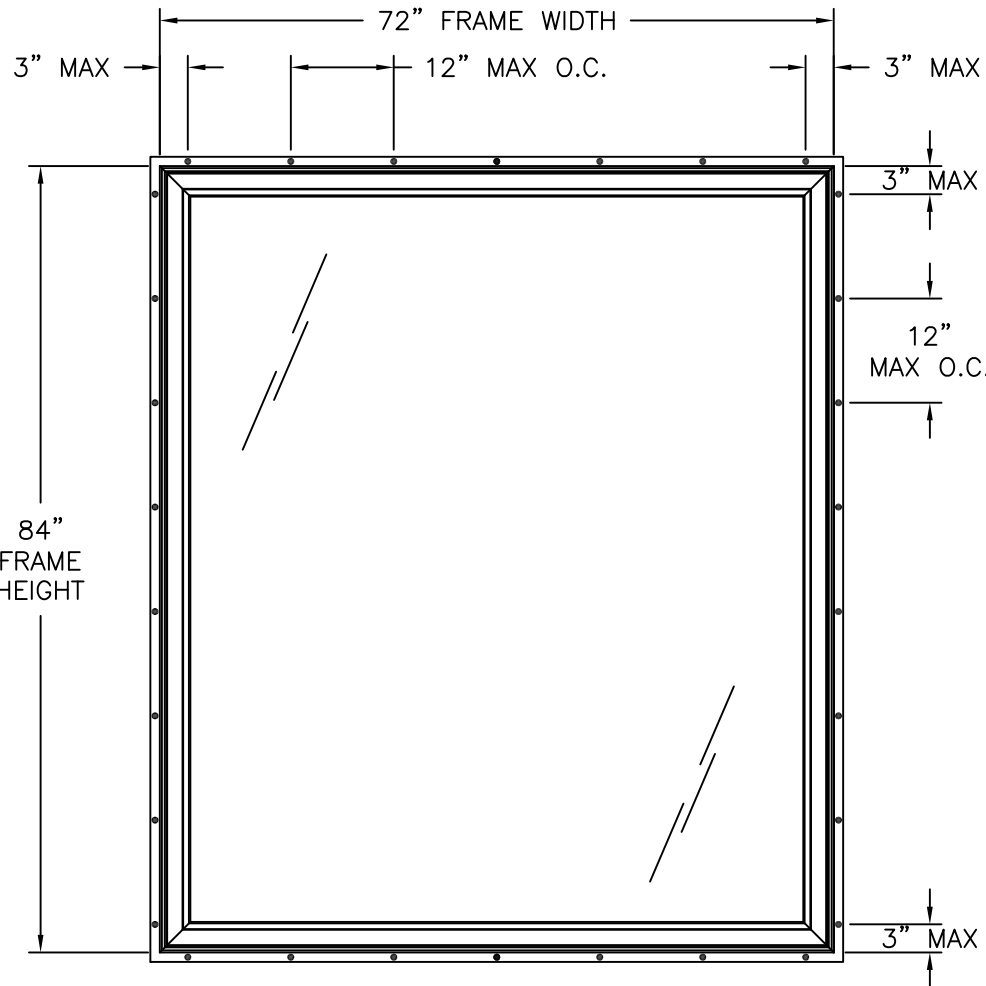
STATE OF FLORIDA

PROFESSIONAL ENGINEER

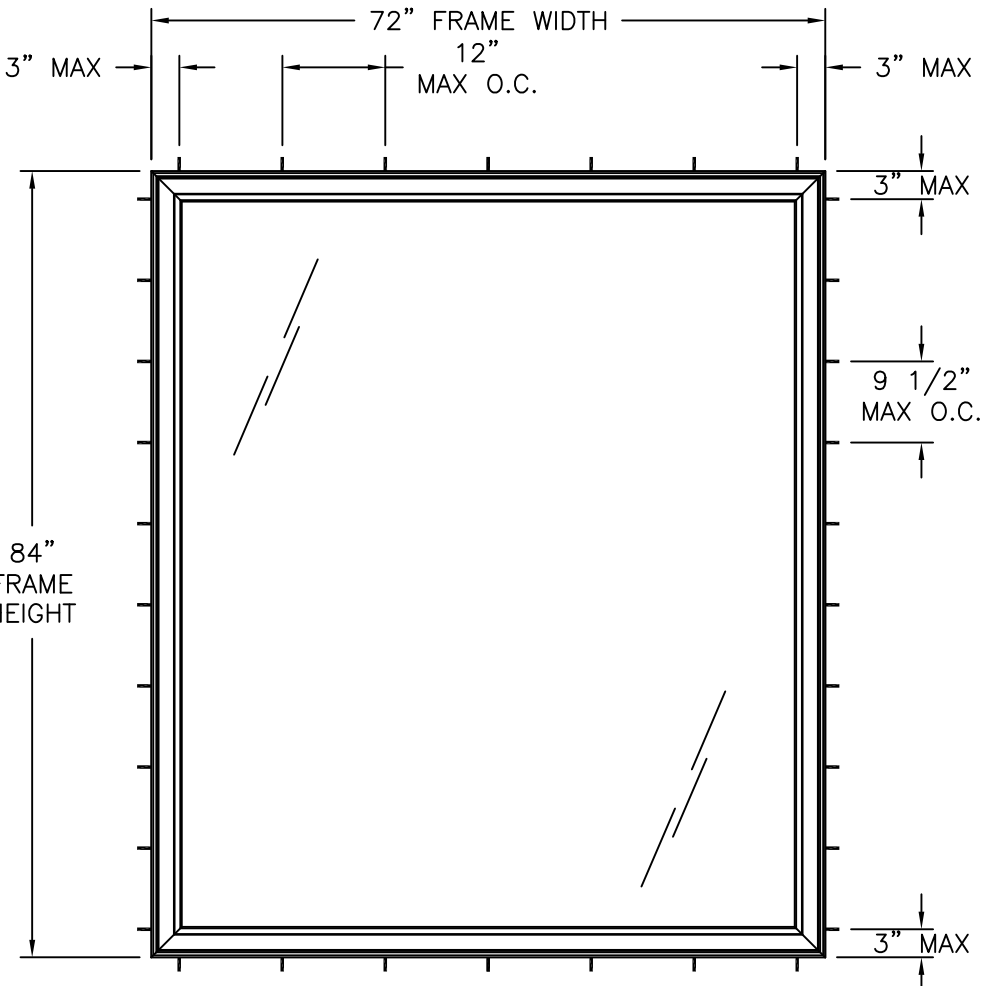
Luis R. Lomas P.E.

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.



S-SERIES GEO FIXED
EXTERIOR VIEW
FIN INSTALLATION



CAMBRIDGE GEO FIXED
EXTERIOR VIEW
FRAME INSTALLATION

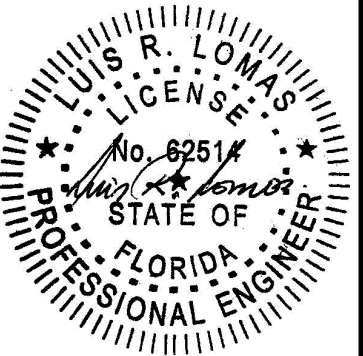
DESIGN PRESSURE RATING	IMPACT RATING
±75.0PSF	NONE

72" X 84" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 42.0 FT²

- NOTES:
- (2) 1" X 1/8" WEEP SLOT 2" FROM JAMBS AT SILL GLAZING TRACK.
 - (2) 1" X 1/4" WEEP SLOT WITH COVER 3" FROM JAMBS AT SILL FACE.
 - MAXIMUM D.L.O.: 67" X 79"

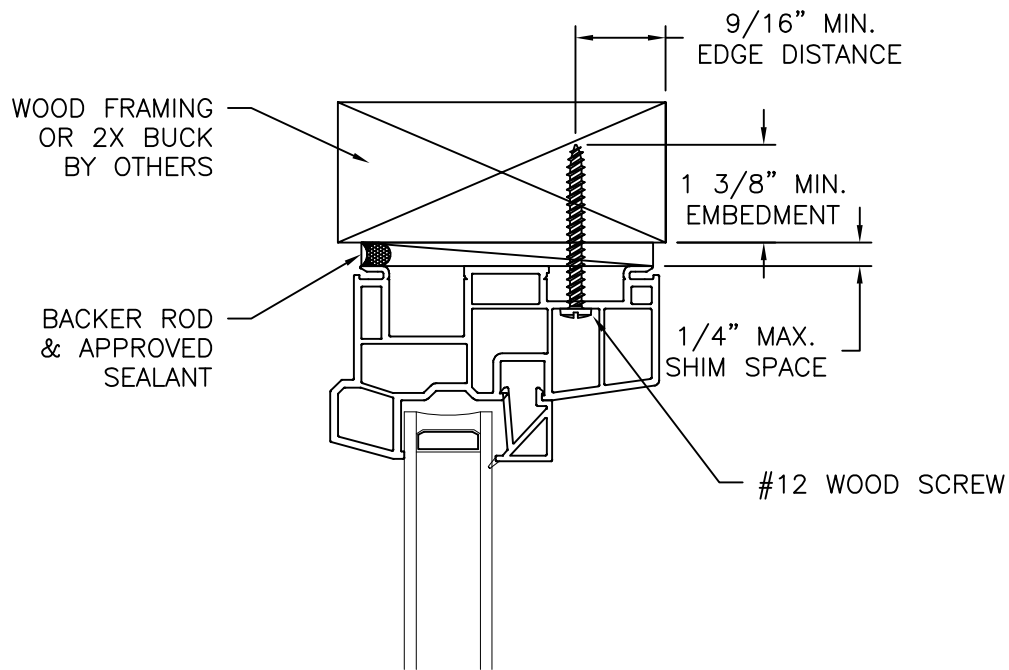
VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES/SIGNATURE/VIWINCO GEO FIXED 72" X 84", NON-IMPACT ELEVATIONS		
DRAWN: N.G.	DWG NO. 08-02589	REV A
SCALE NTS	DATE 01/08/15	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/20/2026



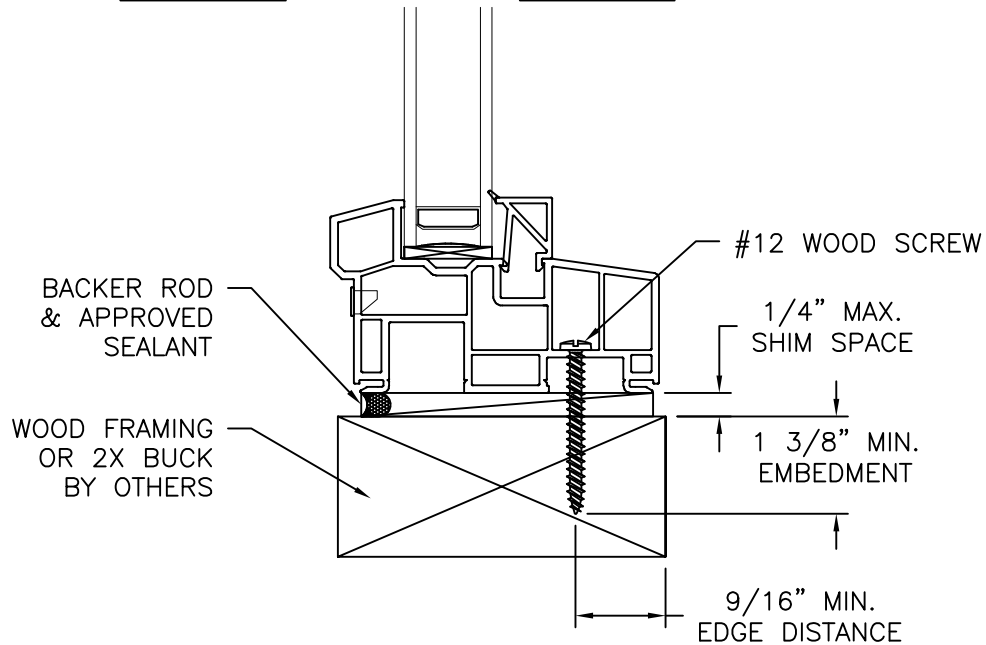
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.



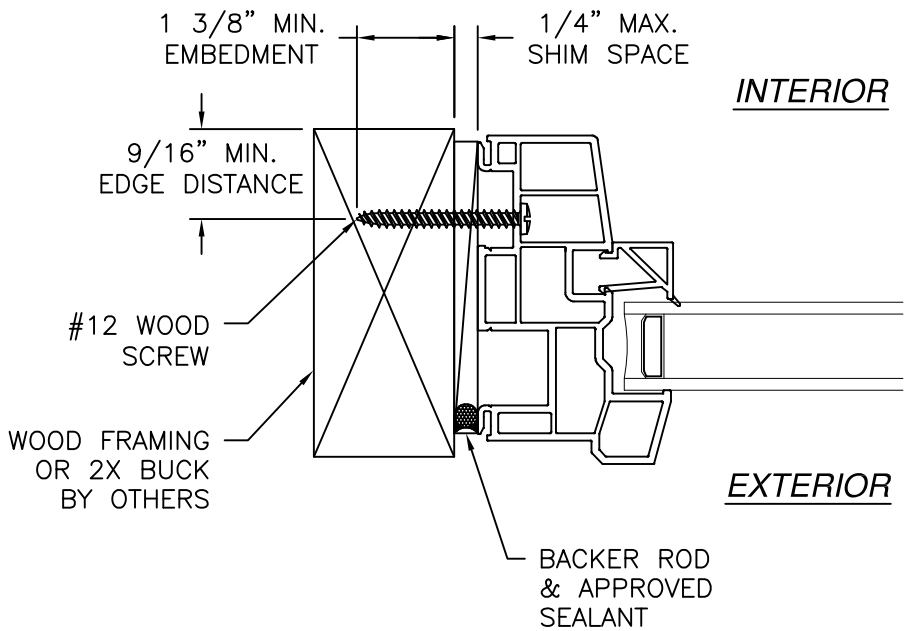
EXTERIOR

INTERIOR



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



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

SIGNED: 08/20/2026

VIWINCO INC.

P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES/SIGNATURE/VIWINCO GEO FIXED

72" X 84", NON-IMPACT

INSTALLATION DETAILS

DRAWN:

N.G.

DWG NO.

08-02589

REV

A

SCALE

NTS

DATE

01/08/15

SHEET

3

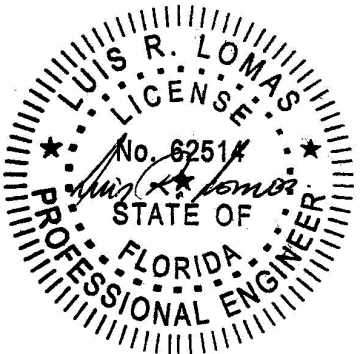
OF

6

L. ROBERTO LOMAS P.E.

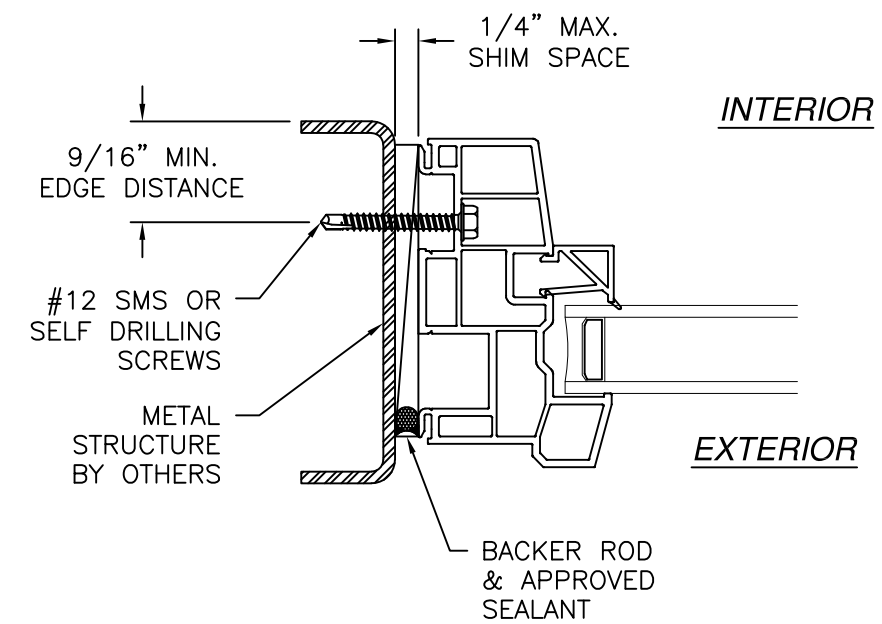
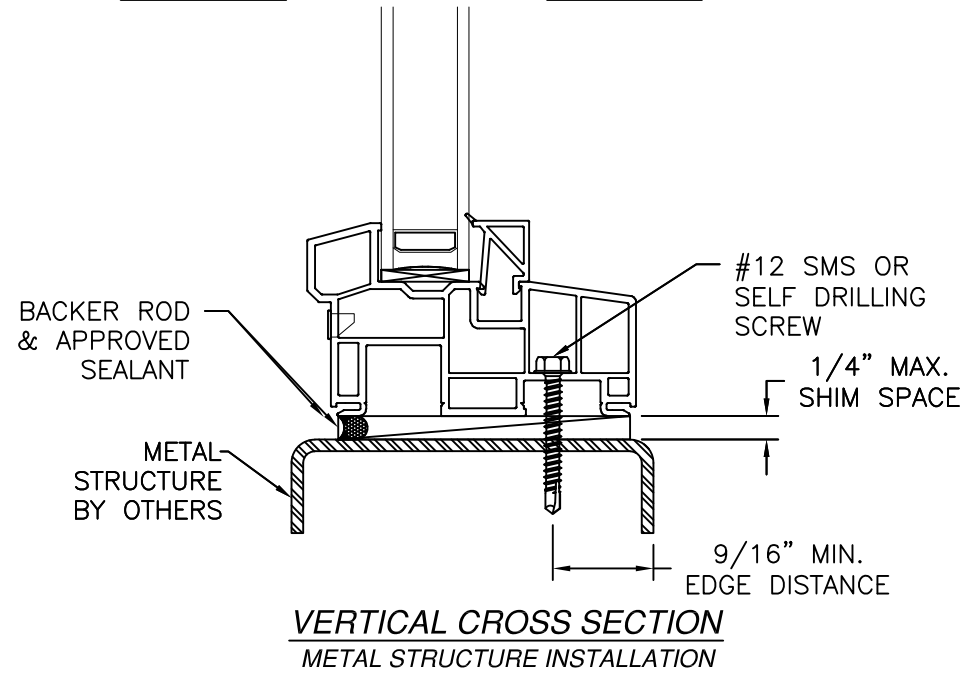
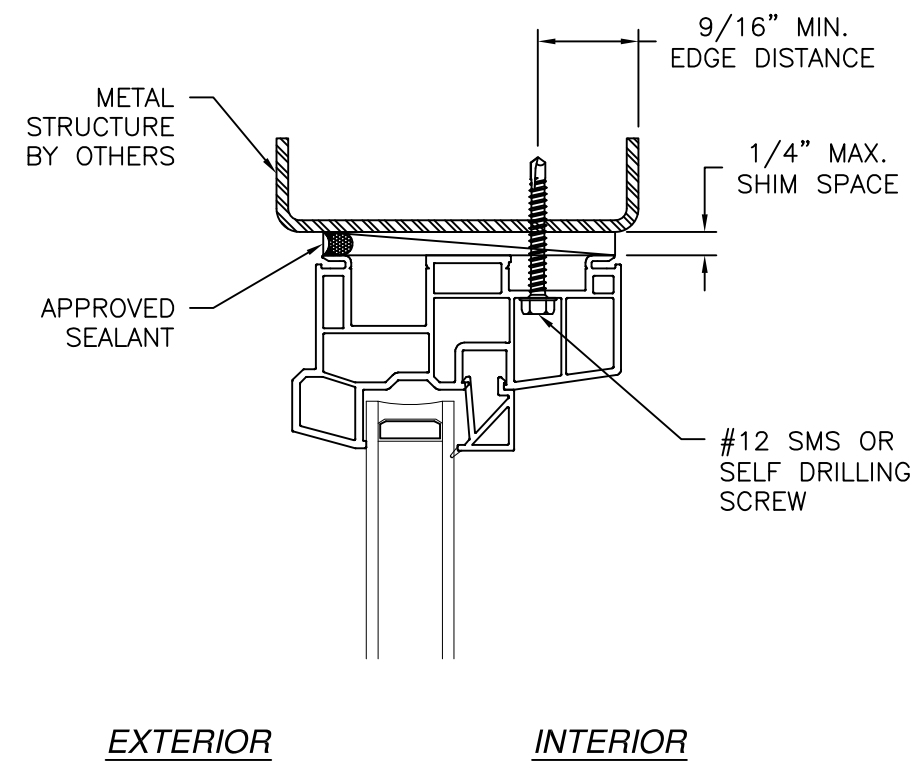
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.



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

VIWINCO INC.

P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES/SIGNATURE/VIWINCO GEO FIXED

72" X 84", NON-IMPACT

INSTALLATION DETAILS

DRAWN: N.G.

DWG NO. 08-02589

REV A

SCALE NTS

DATE 01/08/15

SHEET 4 OF 6

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

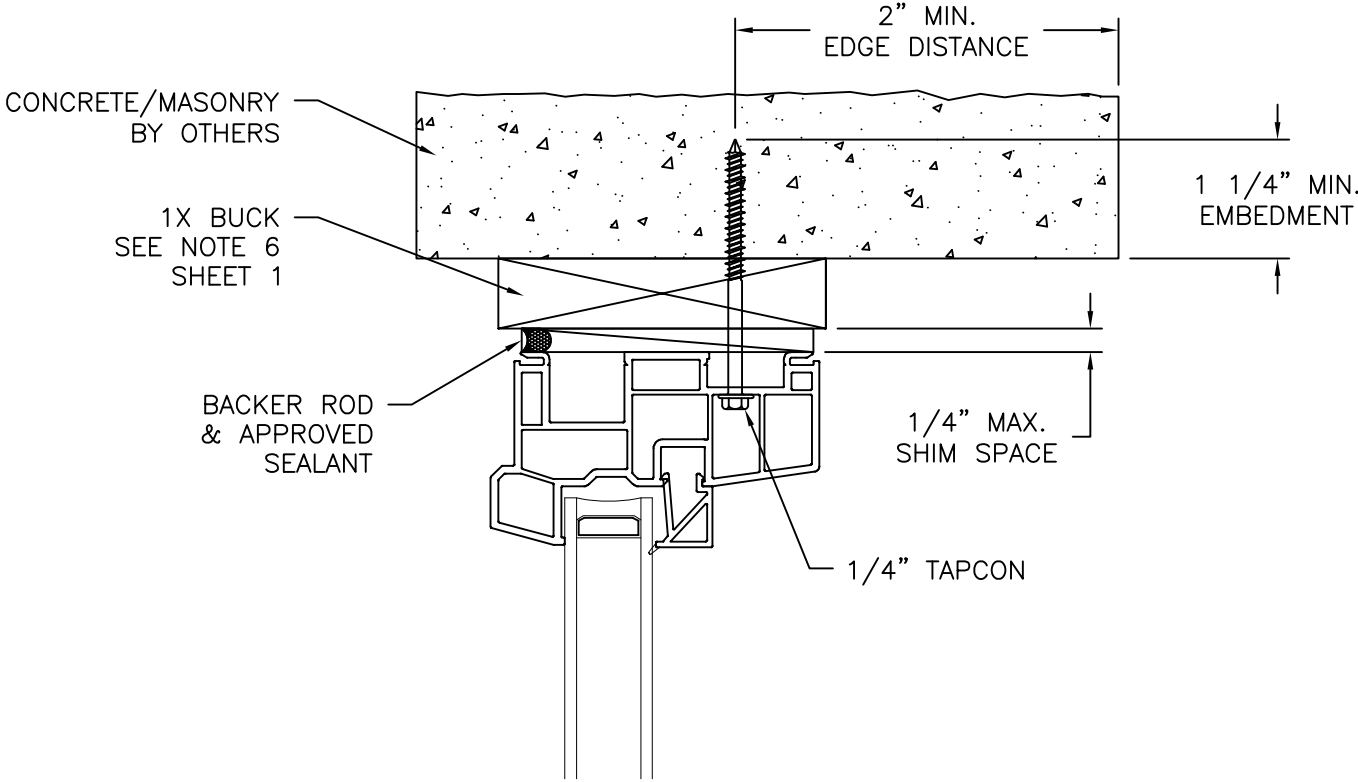
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/20/2026

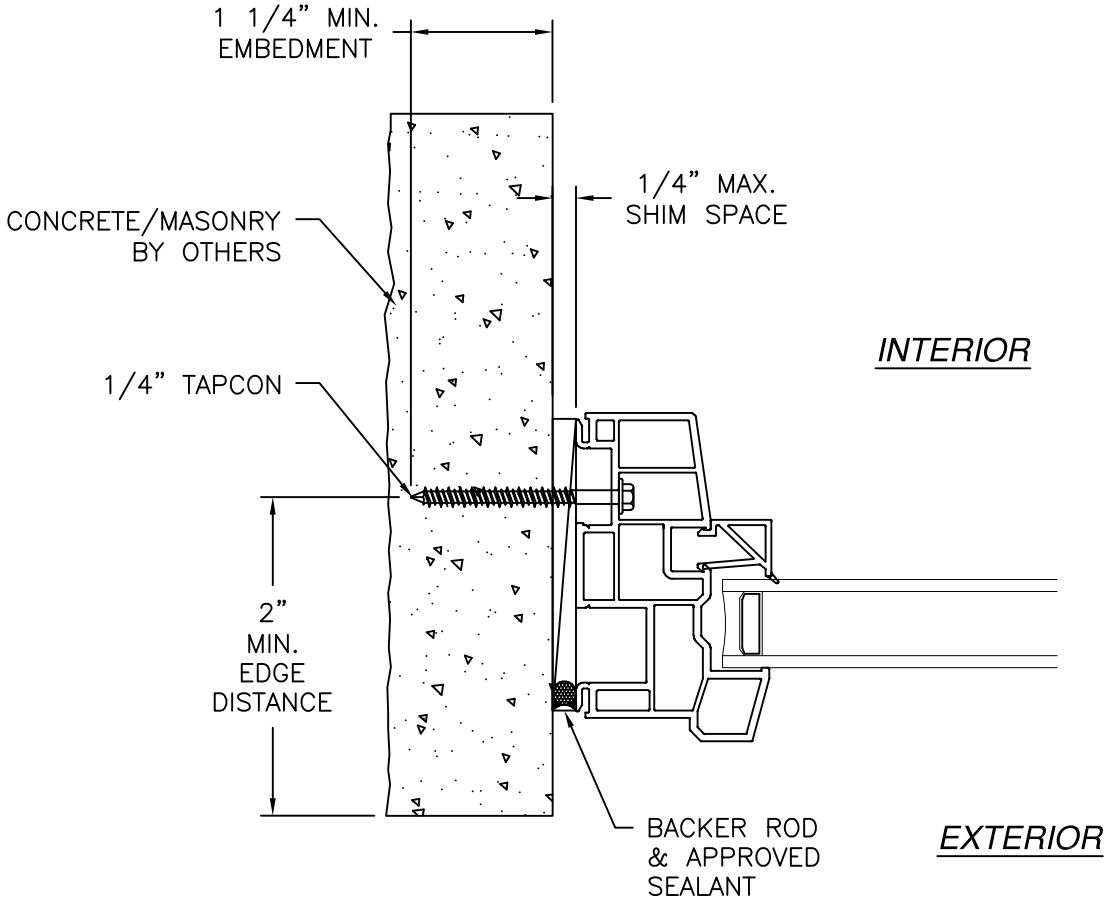
Luis R. Lomas P.E.

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.

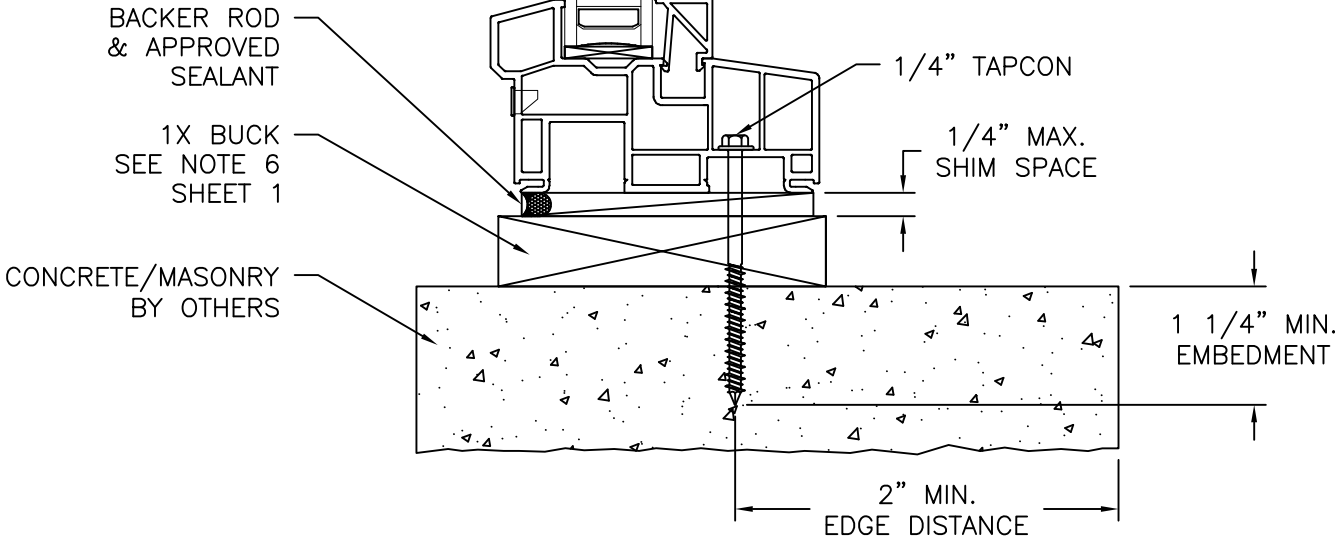


EXTERIOR INTERIOR



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

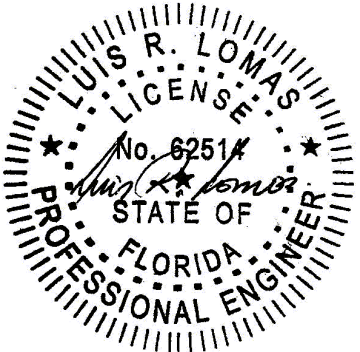
- NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

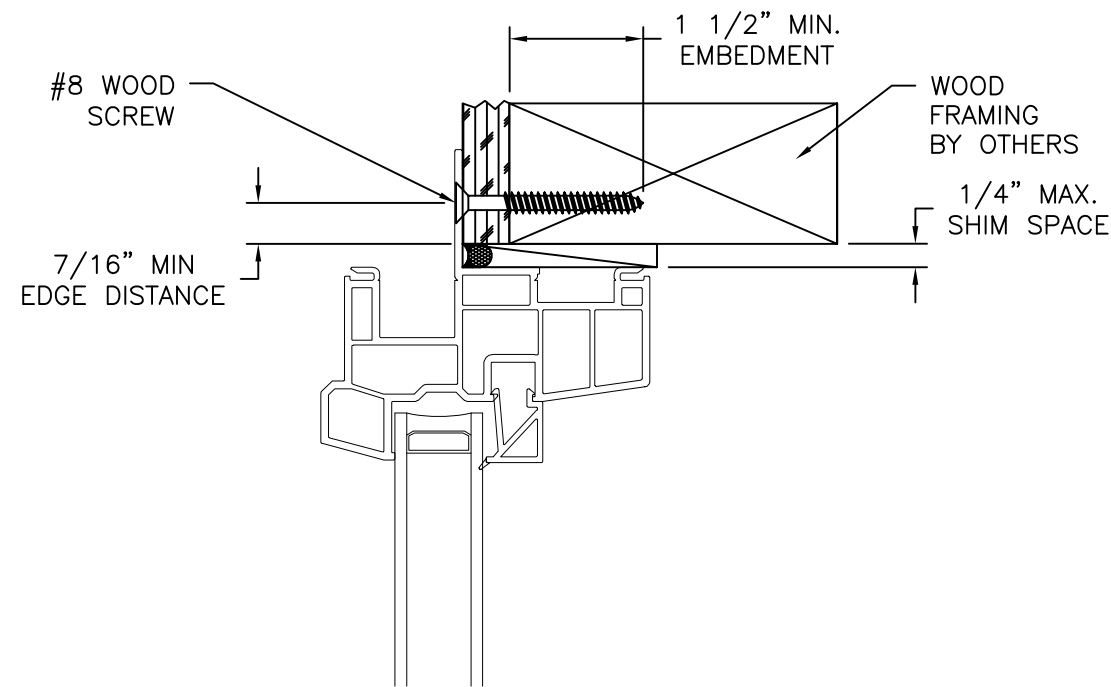
SIGNED: 08/20/2026

VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES/SIGNATURE/VIWINCO GEO FIXED 72" X 84", NON-IMPACT INSTALLATION DETAILS		
DRAWN: N.G.	DWG NO. 08-02589	REV A
SCALE NTS	DATE 01/08/15	SHEET 5 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

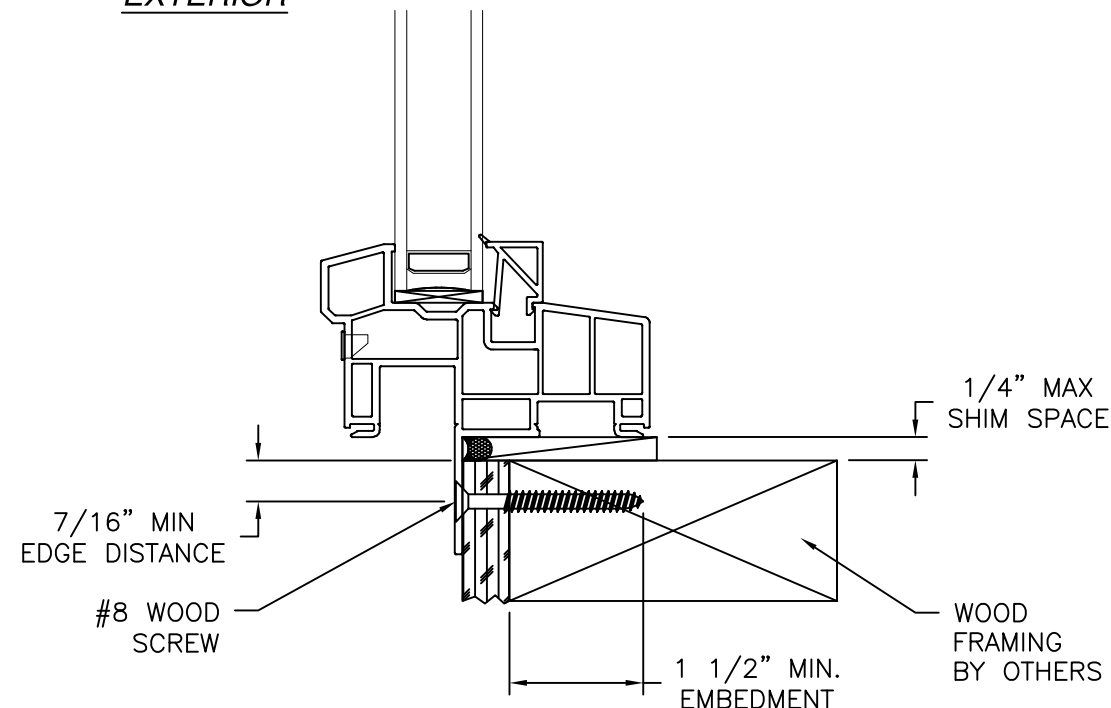


Luis R. Lomas P.E.
FL No.: 62514

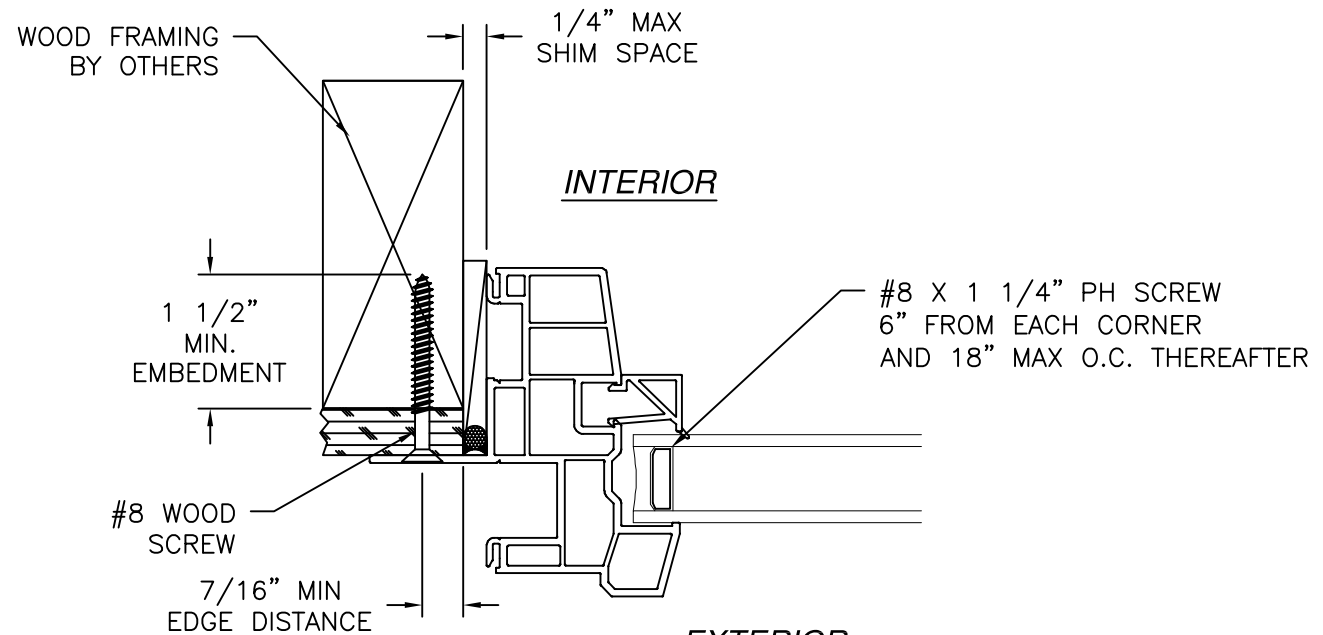
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.



EXTERIOR INTERIOR



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: 08/20/2026

VIWINCO INC.

P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES/SIGNATURE/VIWINCO GEO FIXED

72" X 84", NON-IMPACT

INSTALLATION DETAILS

DRAWN: N.G.

DWG NO. 08-02589

REV A

SCALE NTS

DATE 01/08/15

SHEET 6 OF 6

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

LUIS R. LOMAS

LICENS. E.S.

No. 62514

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514