

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 #6 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” 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 #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.
15. FOR ANCHORING THROUGH FRAME 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.
16. FOR ANCHORING THROUGH FRAME 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.
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 2,000 PSI.
 - 18.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH f’m=2,000PSI MINIMUM.
 - 18.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI 1/8” THICK MINIMUM

SIGNED: 12/20/2023

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 STACKED FIXED/FIXED/CASEMENT
COMBINATION ASSEMBLY, NON-IMPACT
NOTES

DRAWN:
V.L.

SCALE NTS

DWG NO.
08-02842

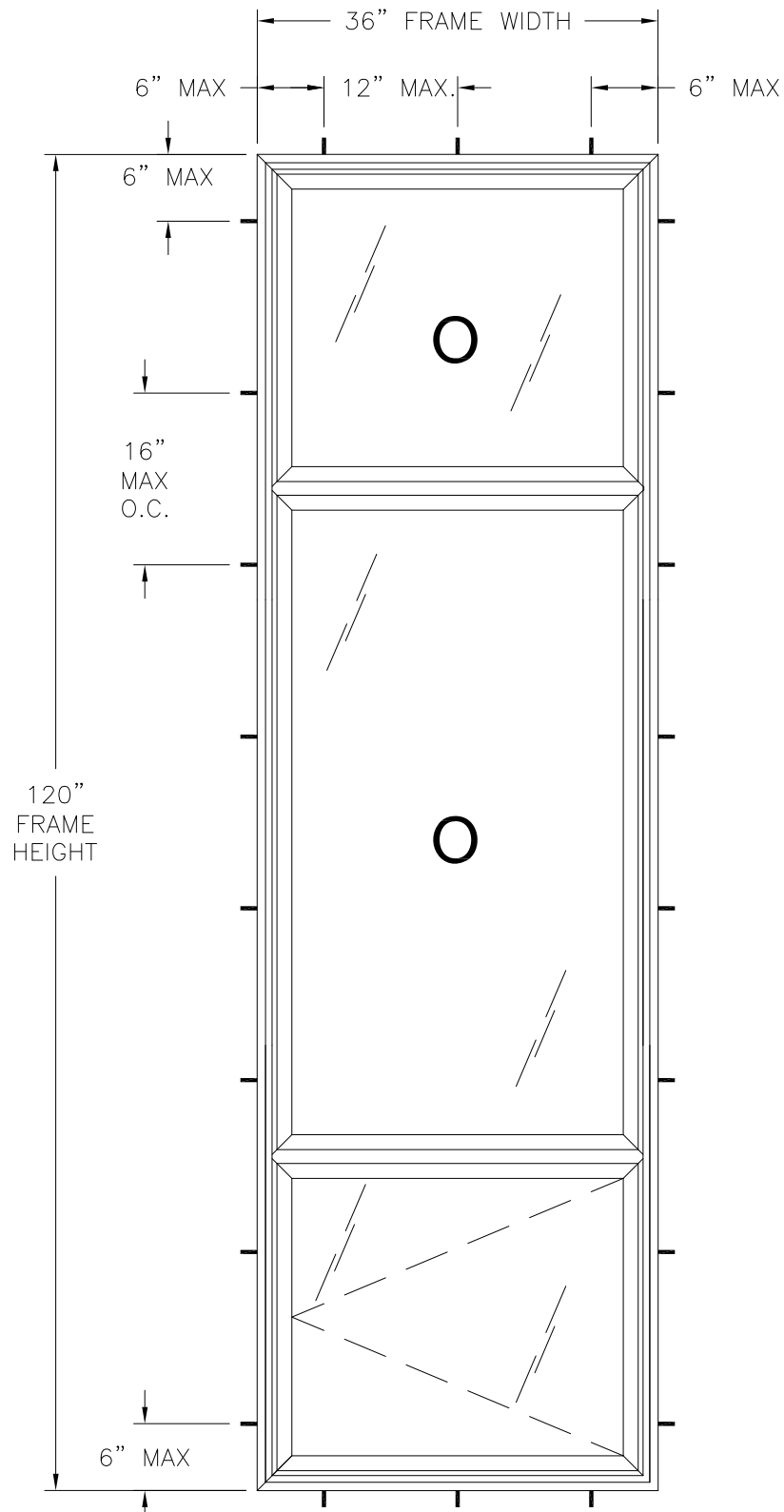
DATE 11/04/15

REV
A

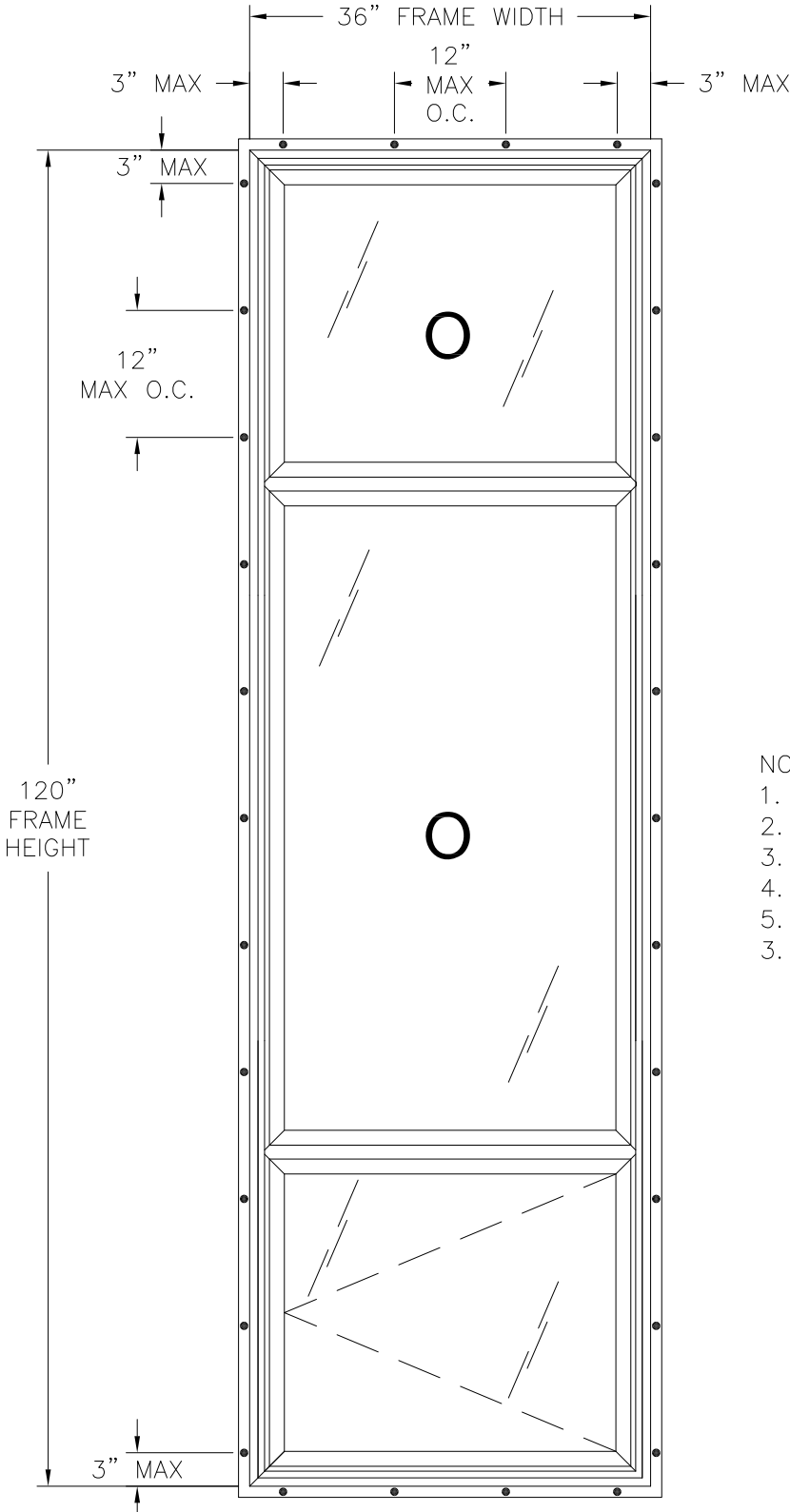
SHEET 1 OF 6

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



S-SERIES STACKED FIXED/FIXED/CASEMENT
EXTERIOR VIEW
FRAME INSTALLATION



S-SERIES STACKED FIXED/FIXED/CASEMENT
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

36" X 120" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS
FRAME AREA DOES NOS EXCEED 30.0 FT²

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

HARDWARE SCHEDULE	
A.	(1) ROTARY CRANK 8" FROM HINGE JAMB AT SILL
B.	(2) 3-BAR HINGE AT TOP AND BOTTOM RAILS
C.	(1) LATCH W/ MULTI-POINT LOCK AT LOCK JAMB 8" FROM SILL
D.	(2 SETS) MULTI-SNUBBER 19" FROM EACH END VENT HINGE STILE
E.	EXTRUDED ALUMINUM REINFORCEMENT (6180) AT HEAH & SILL
F.	EXTRUDED ALUMINUM REINFORCEMENT (6181) AT SILL AND JAMBS
G.	EXTRUDED ALUMINUM REINFORCEMENT (6170) AT VENT STILES AND RAILS
H.	EXTRUDED ALUMINUM REINFORCEMENT (6190) AT VENT HINGE STILE
I.	EXTRUDED ALUMINUM REINFORCEMENT (59928) AT INTERMEDIATE RAIL

- NOTES:
- 1. MAXIMUM FIXED D.L.O.: 29 1/2" X 56"
 - 2. MAXIMUM CASEMENT D.L.O.: 29 1/2" X 24 1/2"
 - 3. MAXIMUM CASEMENT VENT SIZE: 33 1/8" X 28 3/8"
 - 4. MAXIMUM FIXED VENT SIZE: 33 1/8" X 59 1/2"
 - 5. (2 PER VENT) 3/8"x3/16" WEEP SLOT 2" FROM EACH END END OF BOTTOM RAIL.
 - 3. (2 PER VENT) 3/16" WEEP HOLE 2" FROM EACH END END OF BOTTOM RAIL.

VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

S-SERIES STACKED FIXED/FIXED/CASEMENT
COMBINATION ASSEMBLY, NON-IMPACT
ELEVATIONS

DRAWN:
V.L.

DWG NO.
08-02842

REV
A

SCALE
NTS

DATE
11/04/15

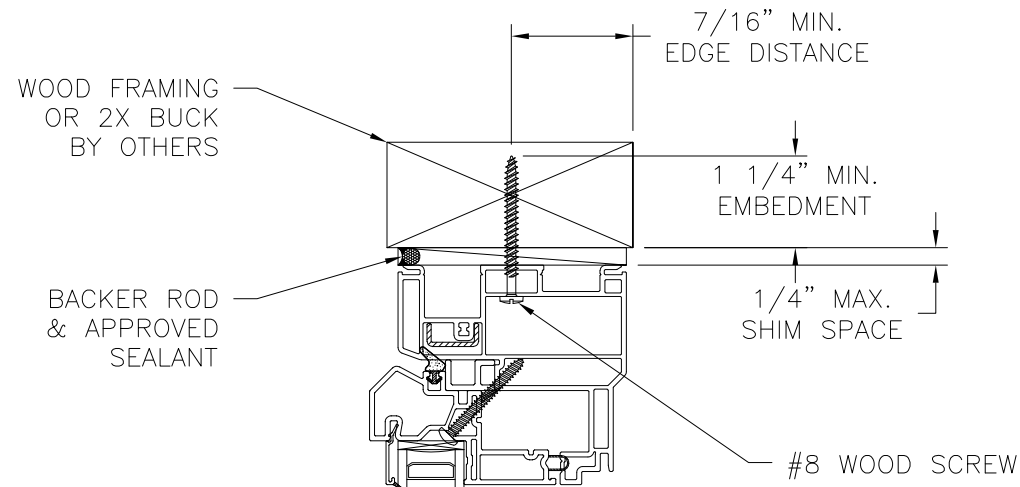
SHEET
2 OF 6

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

SIGNED: 12/20/2023

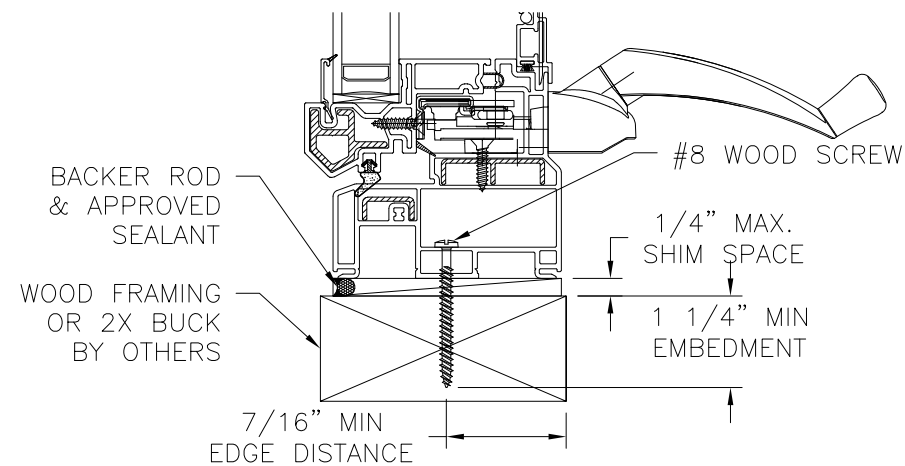


Luis R. Lomas P.E.
FL No.: 62514

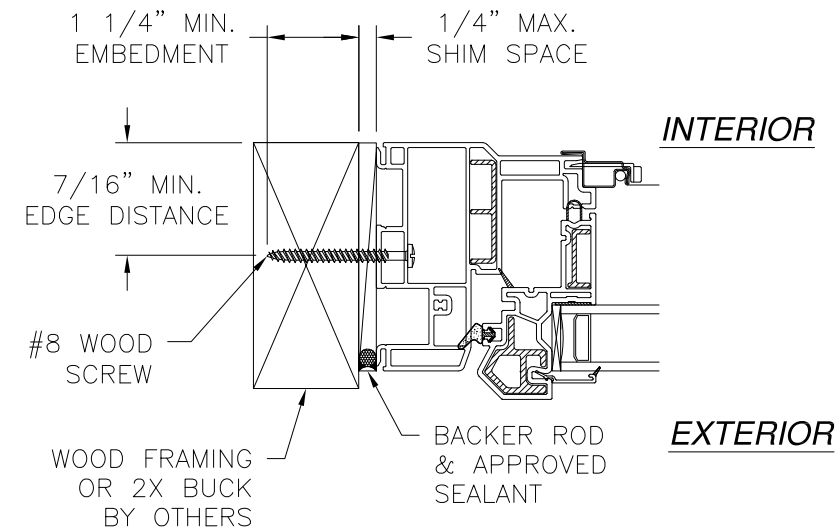


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

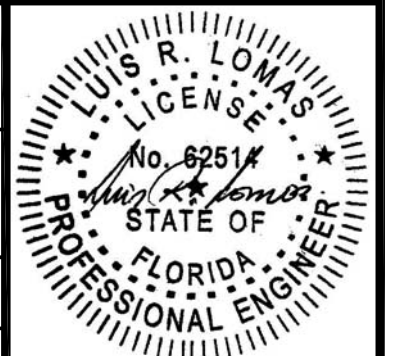
NOTES:

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

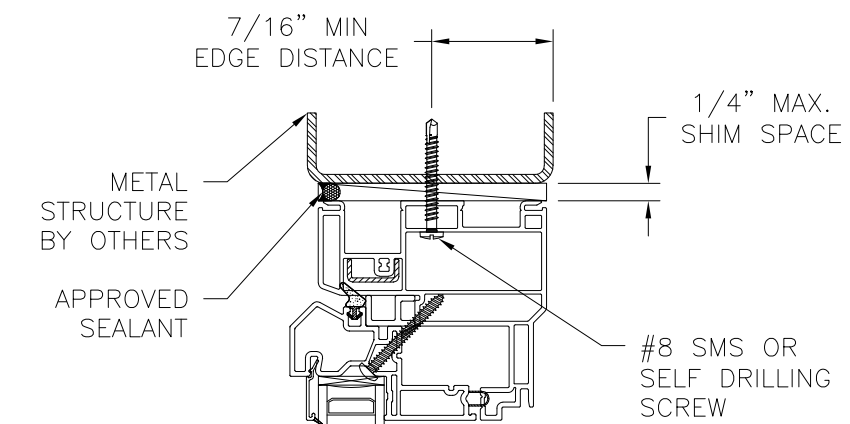
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.

VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES STACKED FIXED/FIXED/CASEMENT COMBINATION ASSEMBLY, NON-IMPACT INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02842	REV A
SCALE NTS	DATE 11/04/15	SHEET 3 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

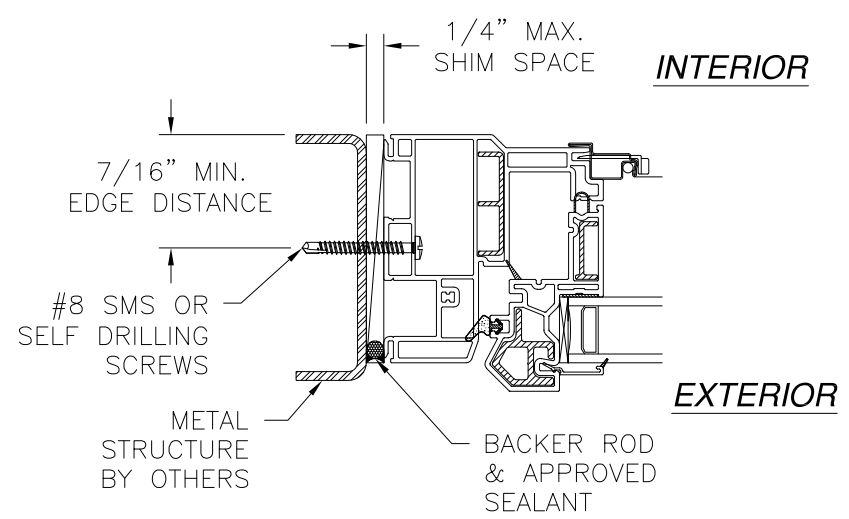
SIGNED: 12/20/2023



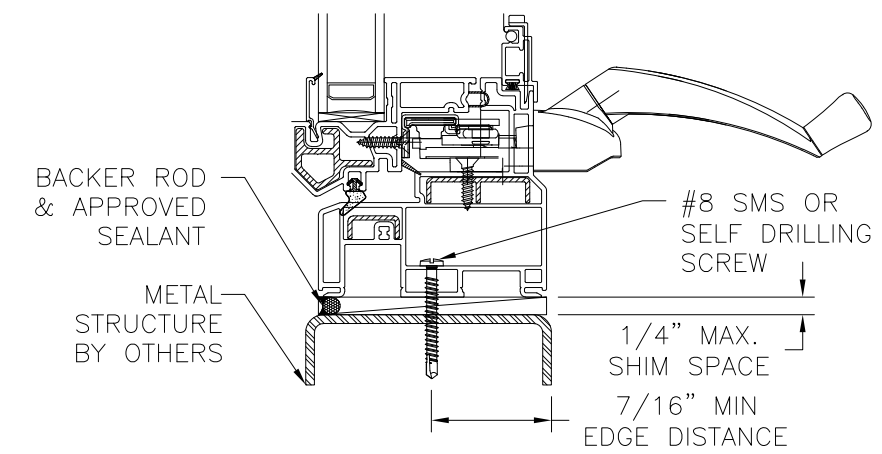
Luis R. Lomas P.E.
FL No.: 62514



EXTERIOR INTERIOR



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
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

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

VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

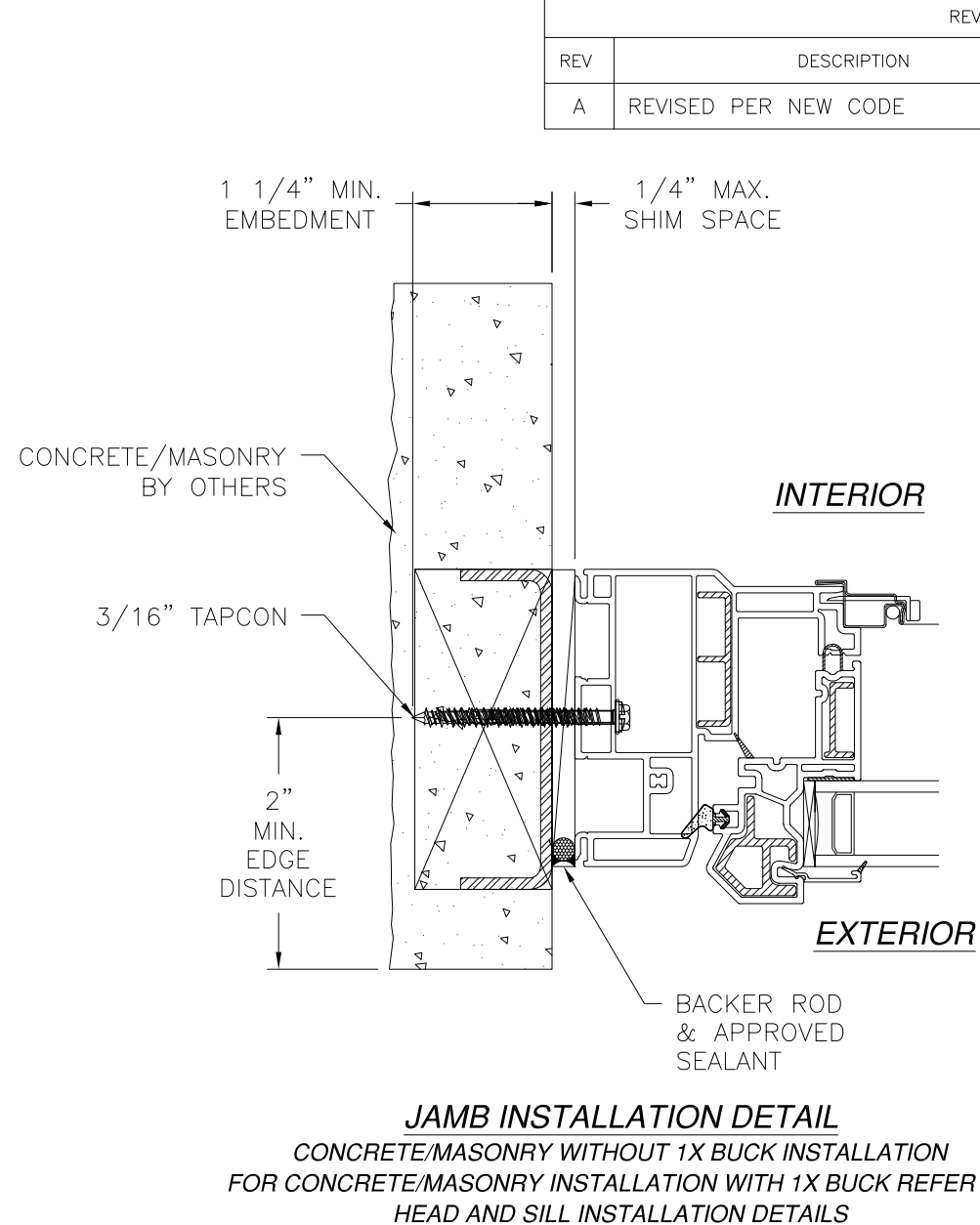
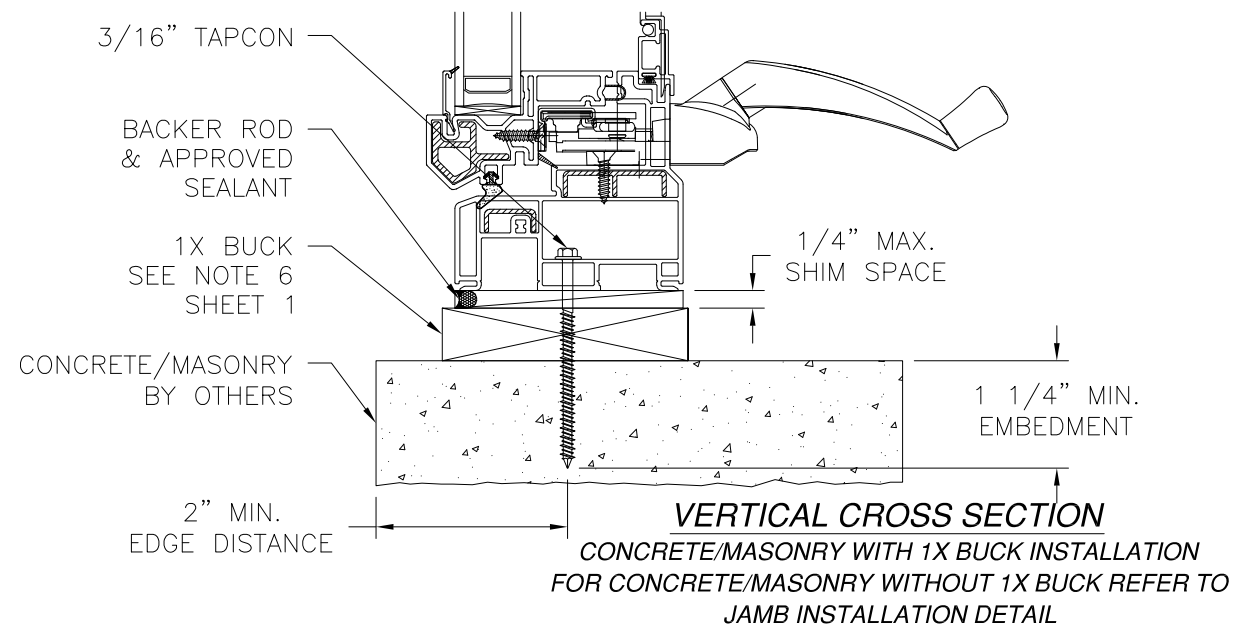
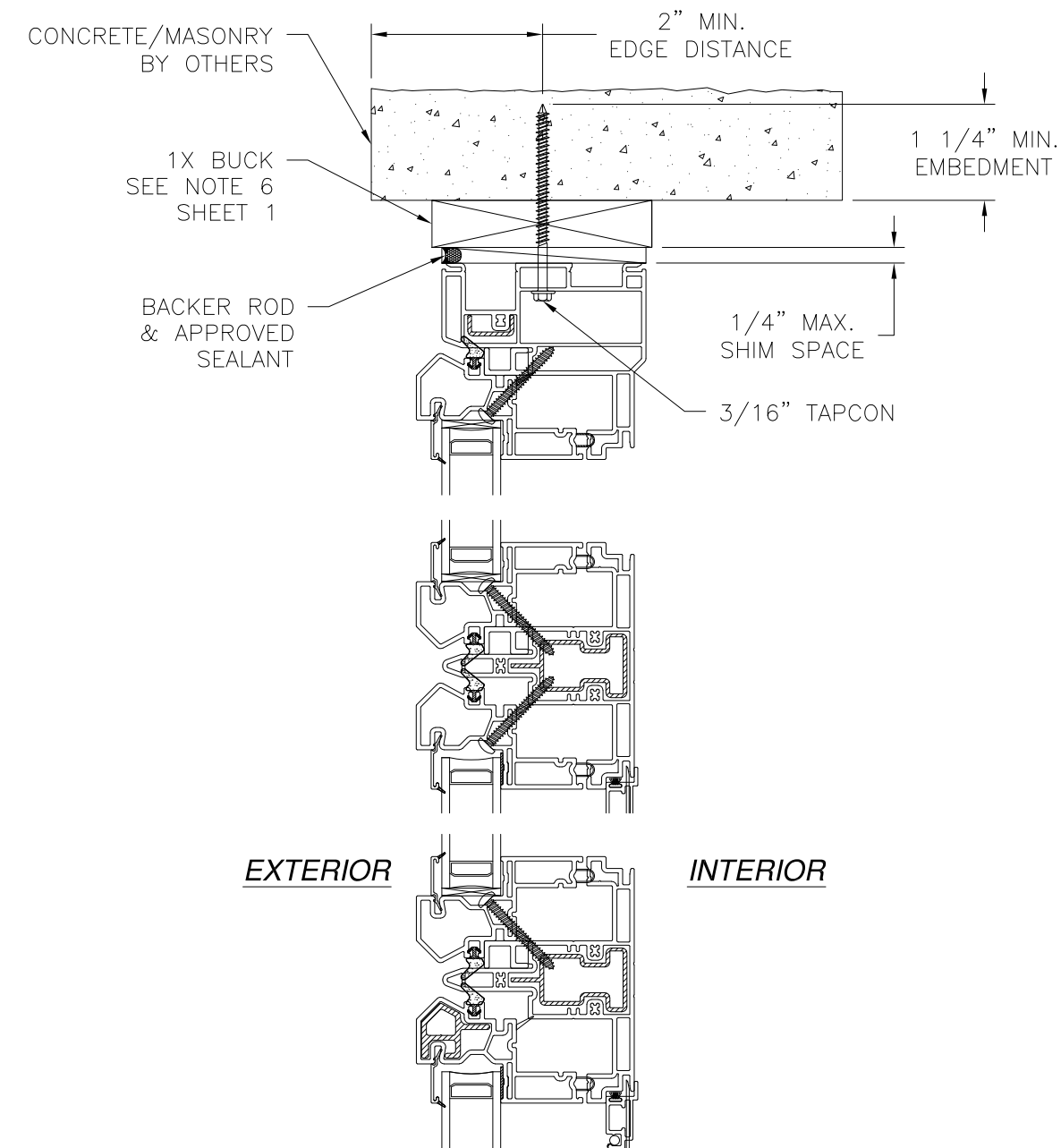
S-SERIES STACKED FIXED/FIXED/CASEMENT
COMBINATION ASSEMBLY, NON-IMPACT
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-02842	REV A
SCALE NTS	DATE 11/04/15	SHEET 4 OF 6

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

SIGNED: 12/20/2023

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



- 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

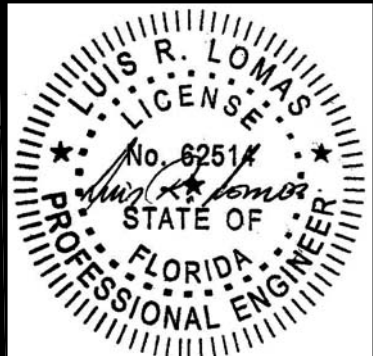
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/20/2023	R.L.

JAMB INSTALLATION DETAIL

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

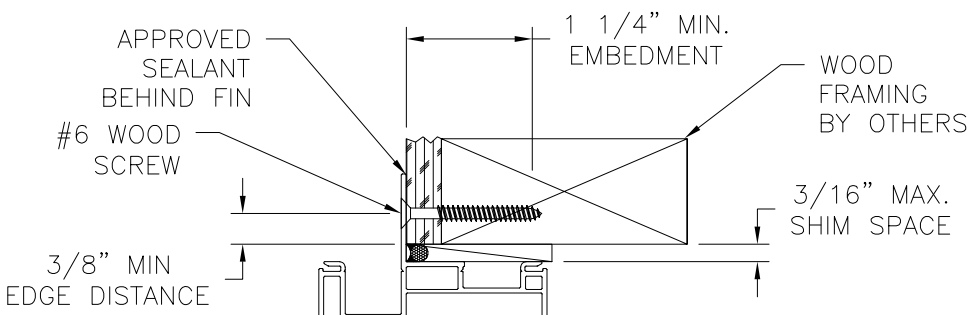
SIGNED: 12/20/2023

VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES STACKED FIXED/FIXED/CASEMENT COMBINATION ASSEMBLY, NON-IMPACT INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02842	REV A
SCALE NTS	DATE 11/04/15	SHEET 5 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



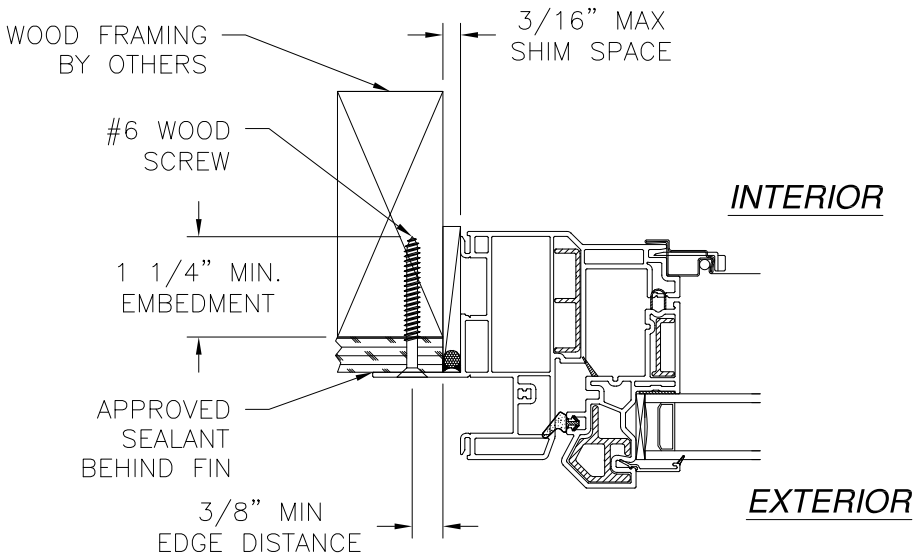
Luis R. Lomas P.E.
FL No.: 62514

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



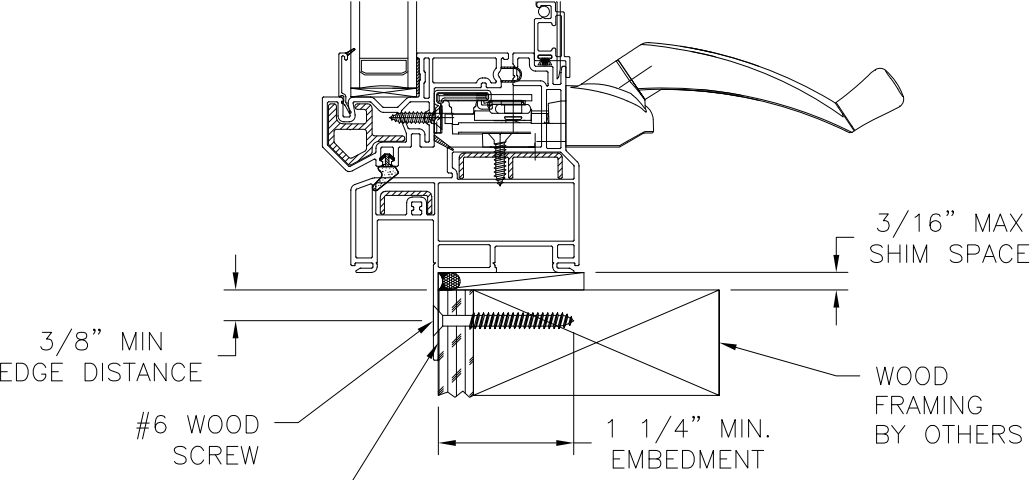
EXTERIOR

INTERIOR



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



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

S-SERIES STACKED FIXED/FIXED/CASEMENT
COMBINATION ASSEMBLY, NON-IMPACT
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-02842	REV A
SCALE NTS	DATE 11/04/15	SHEET 6 OF 6

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

SIGNED: 12/20/2023



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