

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/12/17	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. 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 E1300-04/09.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #6 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. 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 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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 .048" THICK MINIMUM

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1	NOTES
2	ELEVATIONS
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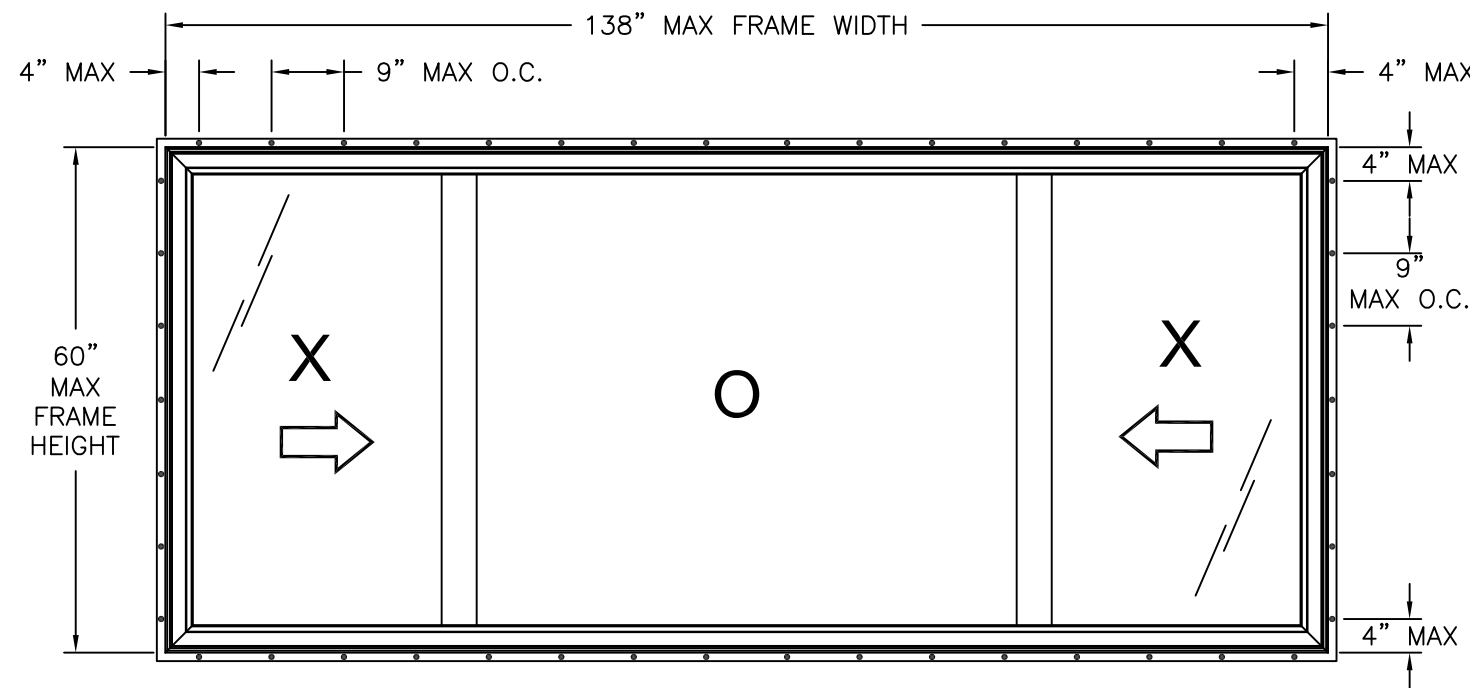
VIWINCO, INC. MORGANTOWN BUSINESS PARK, P.O. BOX 499 MORGANTOWN, PA 19543		
SIGNATURE/VIWINCO HORIZONTAL SLIDER XO 1/4 - 1/2 - 1/4 REINFORCED NON-IMPACT NOTES		
DRAWN: N.G.	DWG NO. 08-02595	REV A
SCALE NTS	DATE 02/03/15	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 07/12/2017

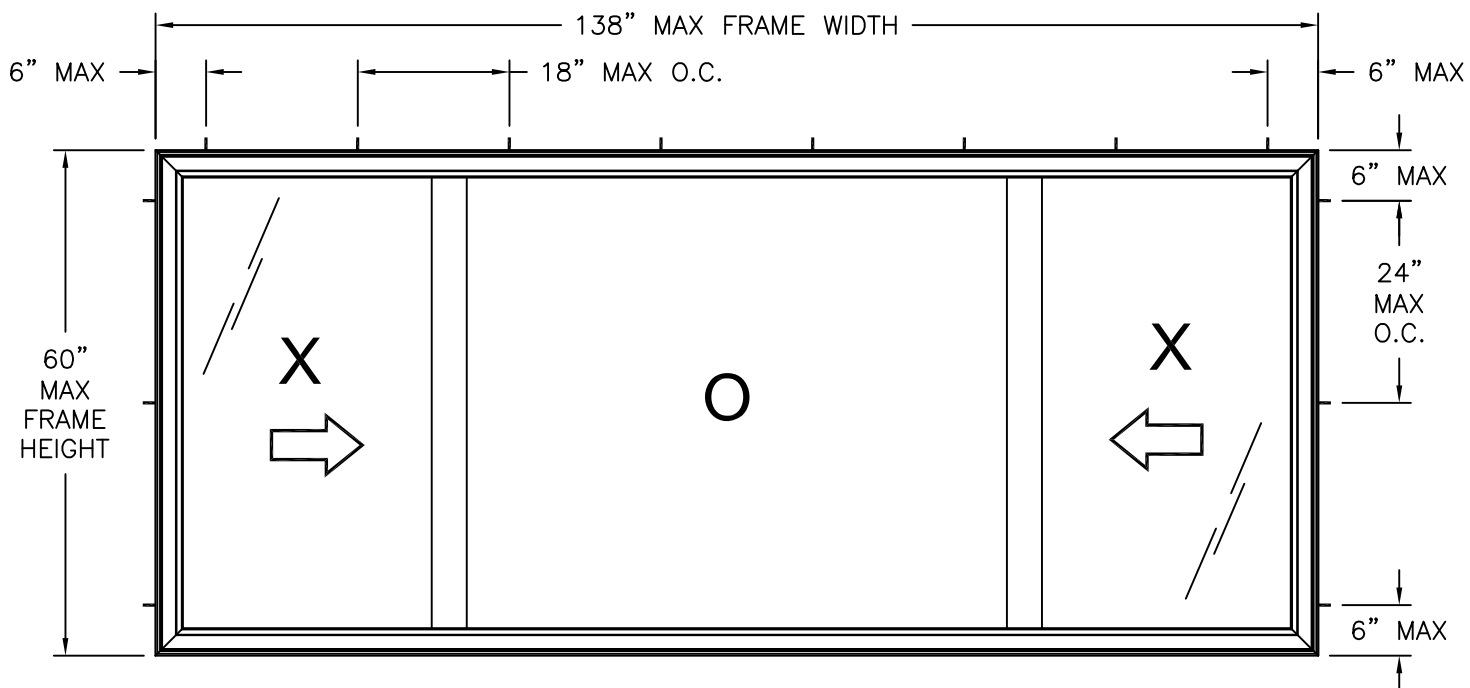


Luis R. Lomas P.E.
FL No.: 62514

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SIGNATURE/VIWINCO HORIZONTAL SLIDER XOX
EXTERIOR VIEW
FIN INSTALLATION



SIGNATURE/VIWINCO HORIZONTAL SLIDER XOX
EXTERIOR VIEW
FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±25.0PSF	NONE

HARDWARE SCHEDULE	
A.	(4) METAL LOCK WITH KEEPERS 8" FROM ENDS OF MEETING STILES
B.	VIWINCO ALUMINUM REINFORCEMENT AT SILL SASH STILES AND RAILS

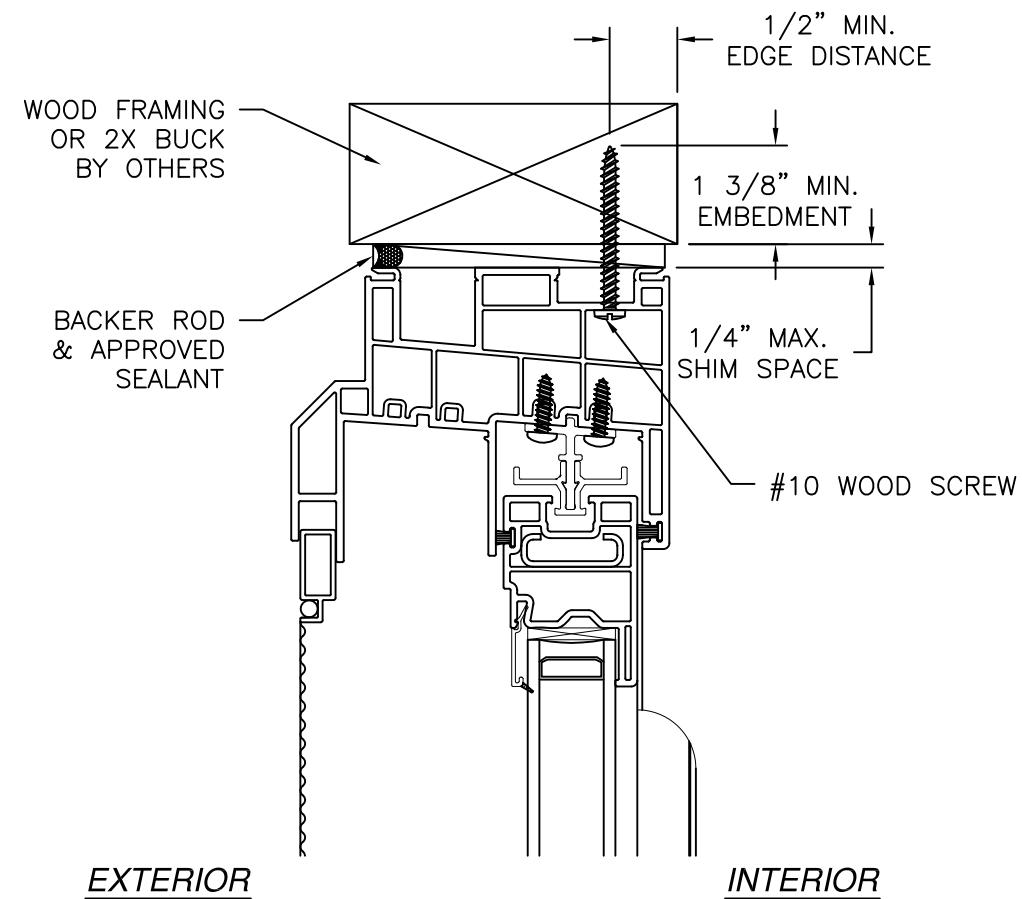
- NOTES:
- (2 PER SASH) 3/8" X 3/16" WEEP SLOT 3" FROM EACH EDGE OF SASH BOTTOM RAIL.
 - (2) 1" X 1/8" WEEP SLOT 3" FROM EDGE OF FRAME OF SILL FACE.
 - (2) 1/2" X 1/8" WEEP SLOT 1" FROM EDGE OF SCREEN TRACK.
 - (2) 1" X 1/8" WEEP SLOT ON INTERIOR SILL TRACK.
 - (2) 1" X 1/8" WEEP SLOT ON EXTERIOR SILL TRACK.
 - (2) 1" X 1/8" WEEP SLOT ON CORNERS OF FRAME.
 - (2) 1" X 1/8" WEEP SLOT 4 1/2" FROM EACH END OF SILL.
 - MAXIMUM OPERABLE SASH SIZE (2): 35" X 55"
 - MAXIMUM FIXED SASH SIZE (1): 67 5/8" X 55"
 - MAXIMUM D.L.O.: 63 1/2" X 51 7/16"

VIWINCO, INC. MORGANTOWN BUSINESS PARK, P.O. BOX 499 MORGANTOWN, PA 19543		
SIGNATURE/VIWINCO HORIZONTAL SLIDER XOX 1/4 - 1/2 - 1/4 REINFORCED NON-IMPACT ELEVATIONS		
DRAWN: N.G.	DWG NO. 08-02595	REV A
SCALE NTS	DATE 02/03/15	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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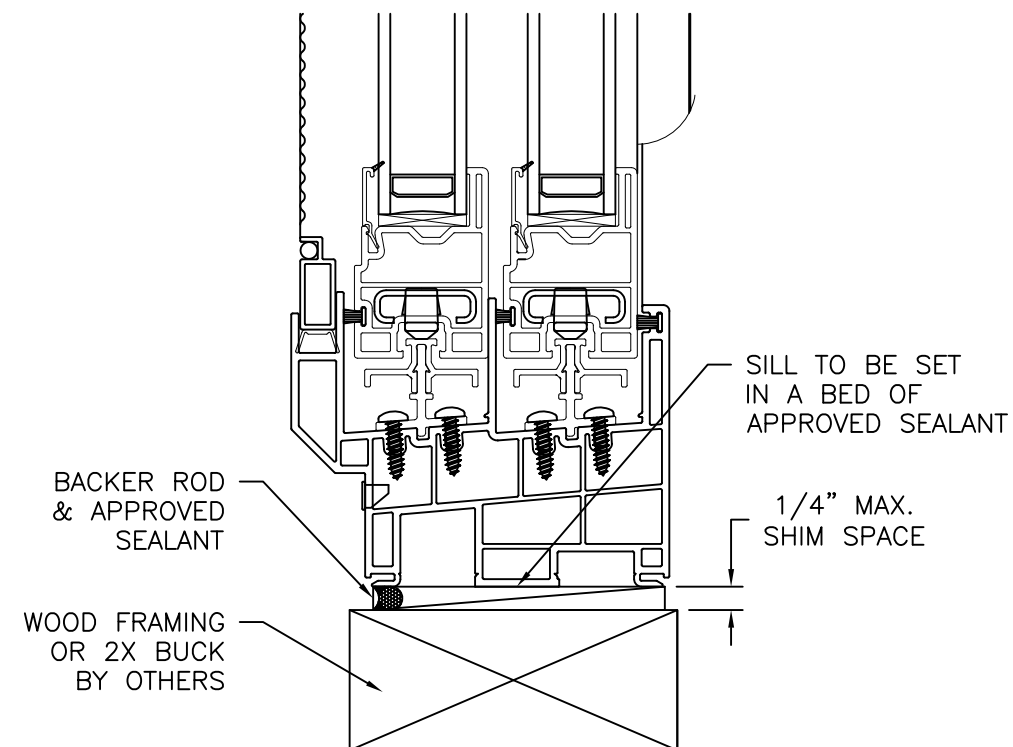


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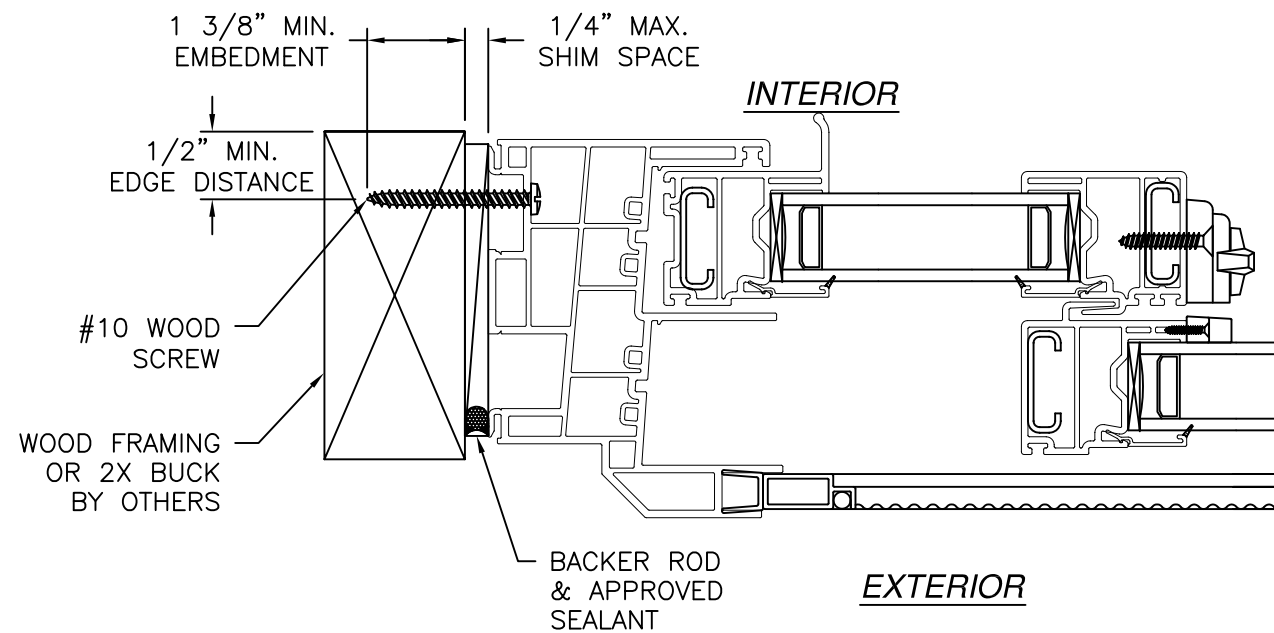


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



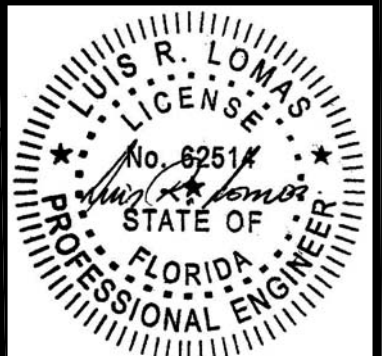
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

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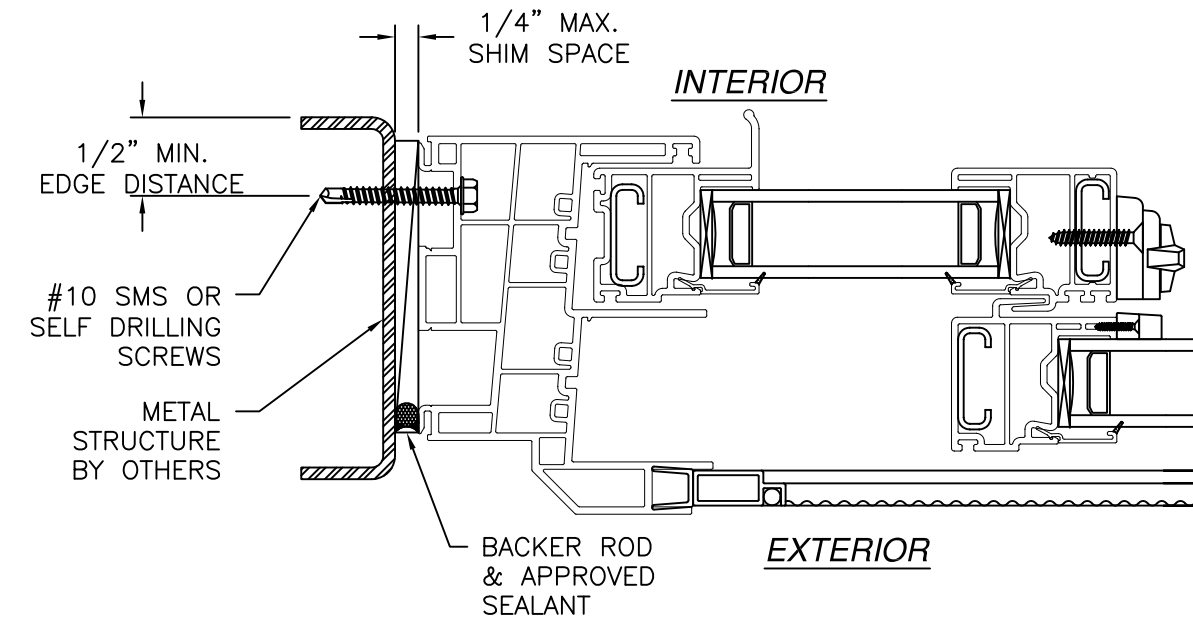
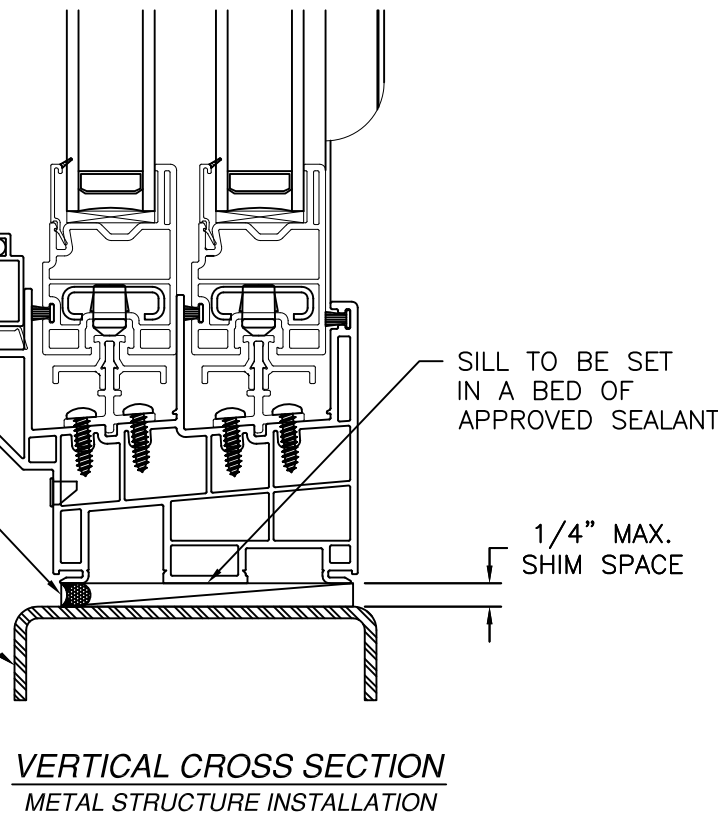
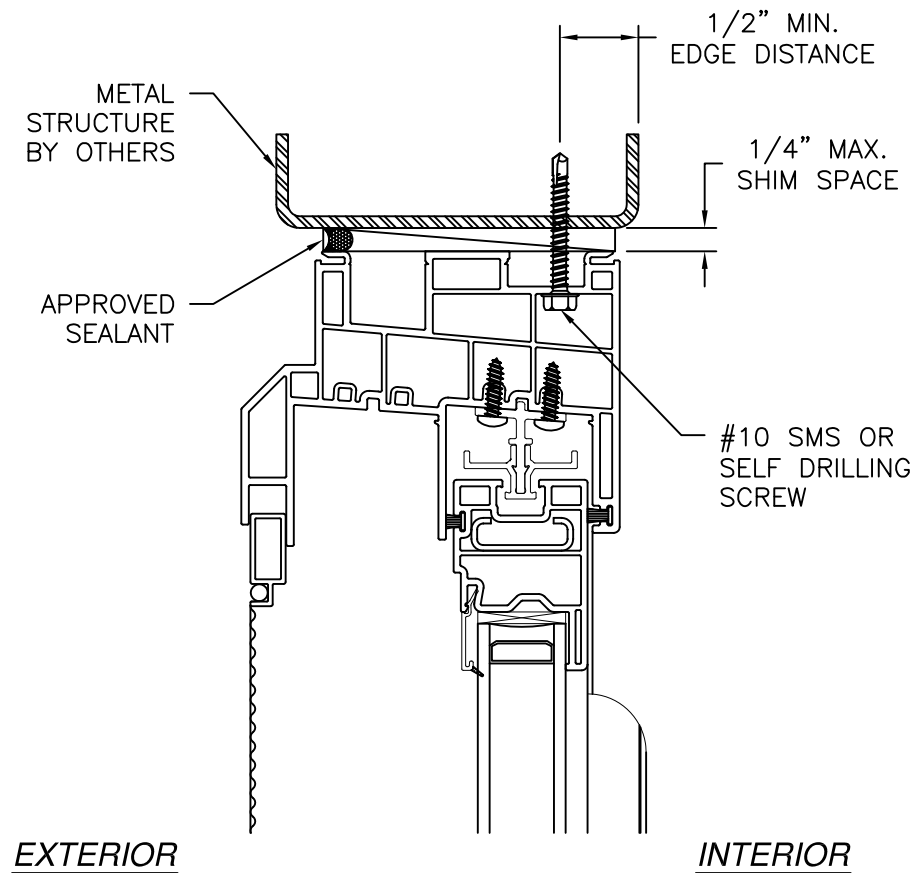
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SIGNATURE/VIWINCO HORIZONTAL SLIDER XO 1/4 - 1/2 - 1/4 REINFORCED NON-IMPACT FRAME INSTALLATION DETAILS		
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SCALE NTS	DATE 02/03/15	SHEET 3 OF 6
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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VIWINCO, INC.

MORGANTOWN BUSINESS PARK, P.O. BOX 499
MORGANTOWN, PA 19543

SIGNATURE/VIWINCO HORIZONTAL SLIDER XO

1/4 - 1/2 - 1/4 REINFORCED NON-IMPACT
FRAME INSTALLATION DETAILS

DRAWN: N.G.

DWG NO. 08-02595

REV A

SCALE NTS

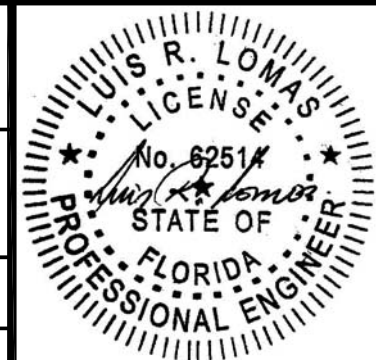
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SHEET 4 OF 6

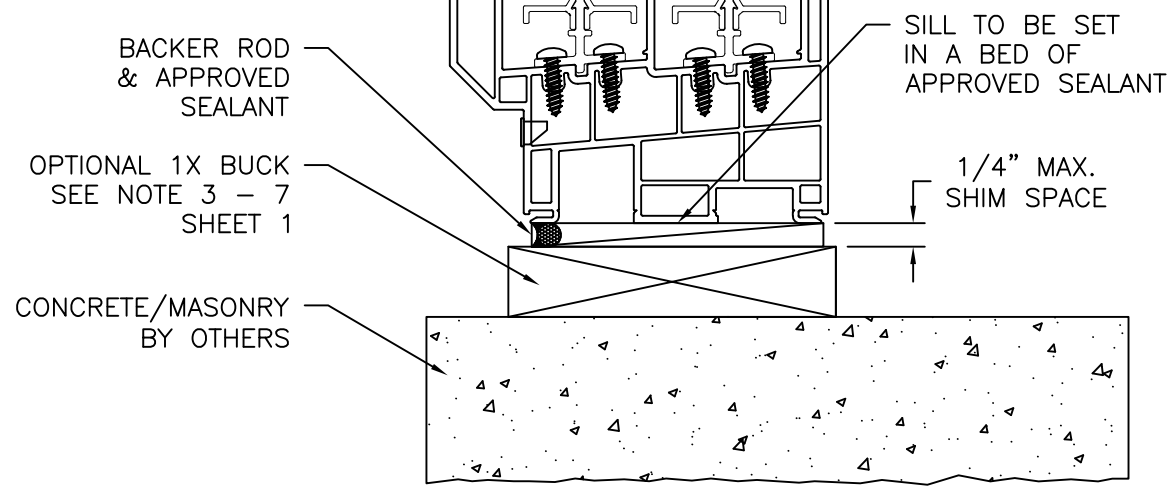
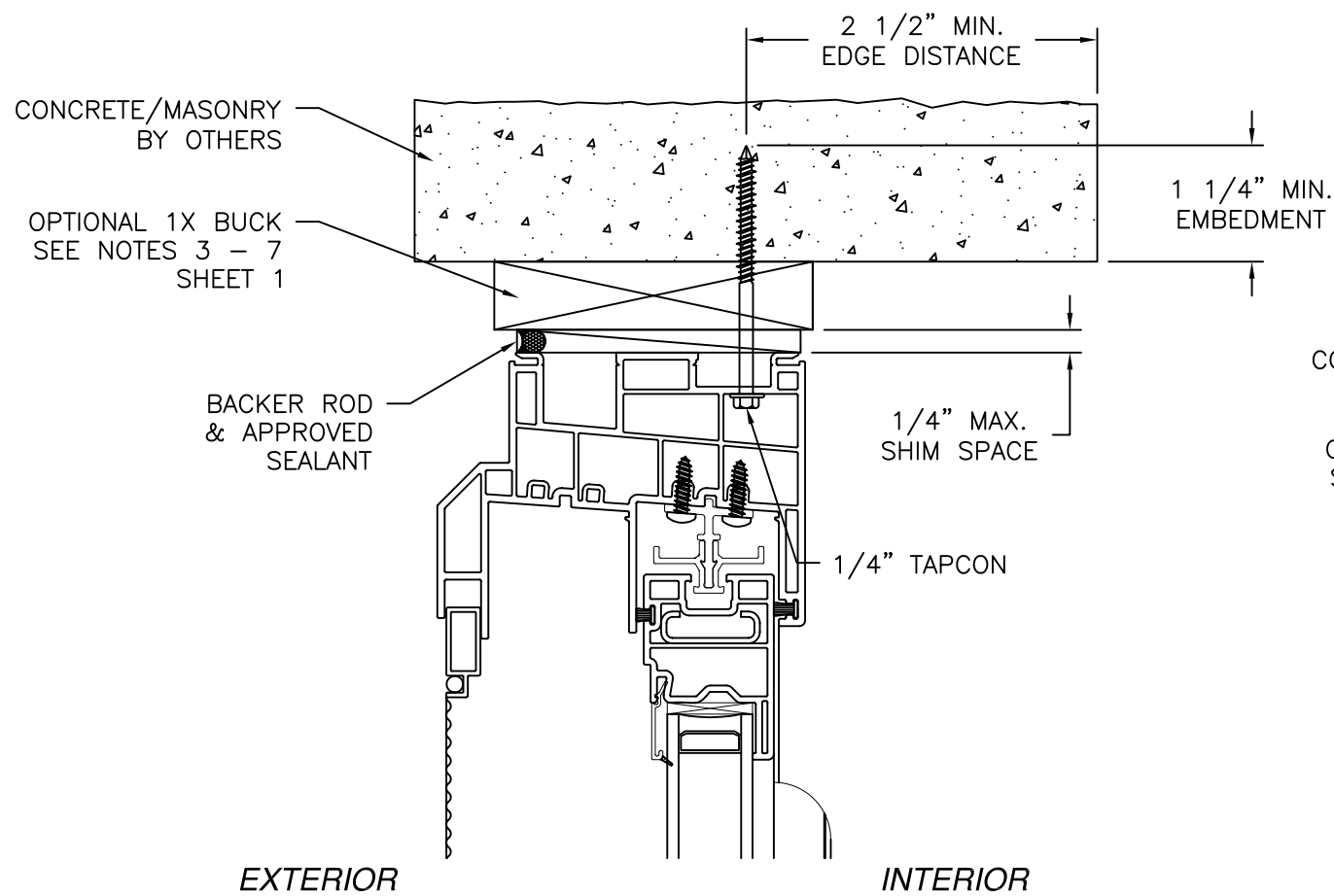
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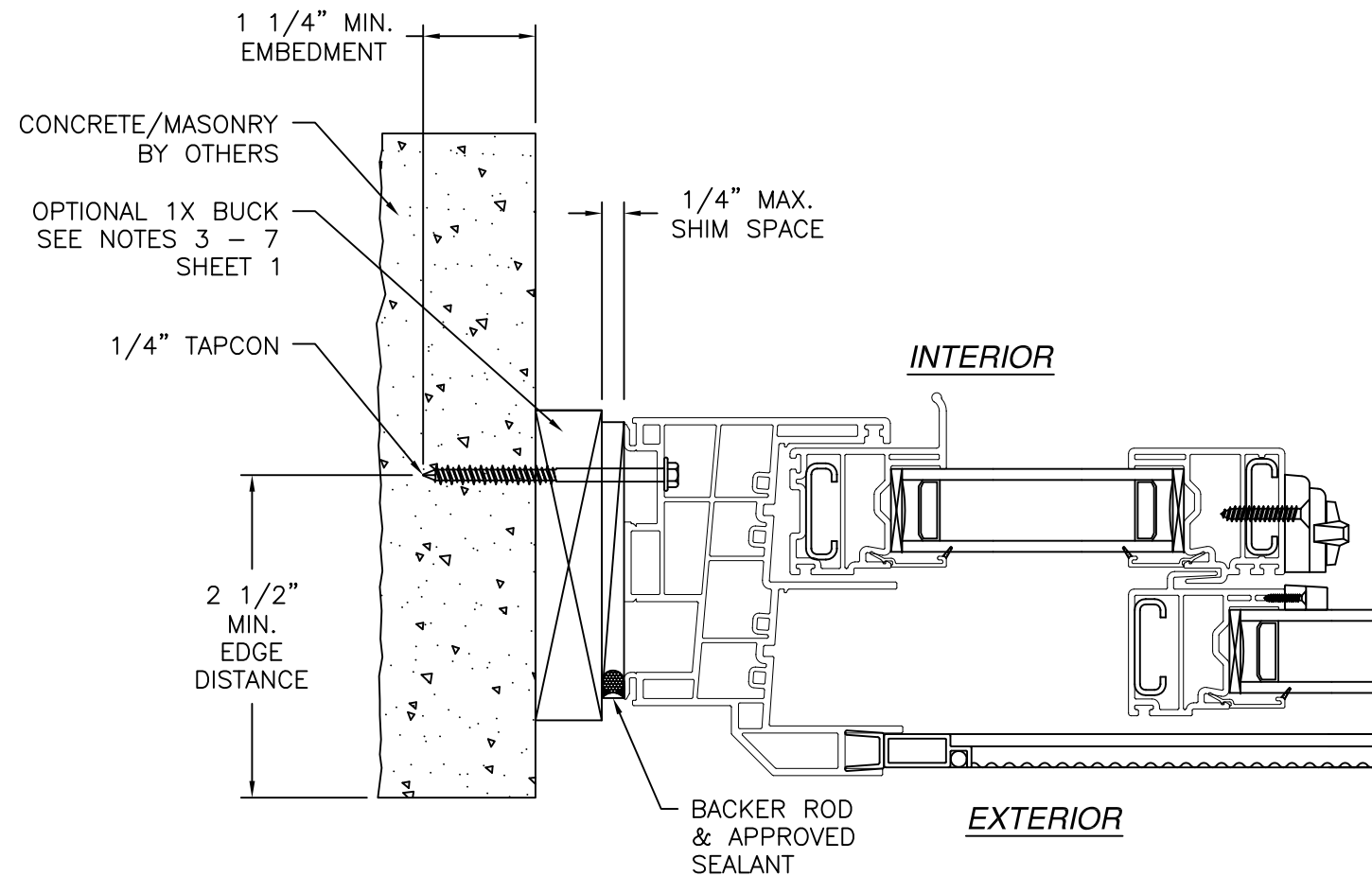
434-688-0609 rllomas@lrlomaspe.com



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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



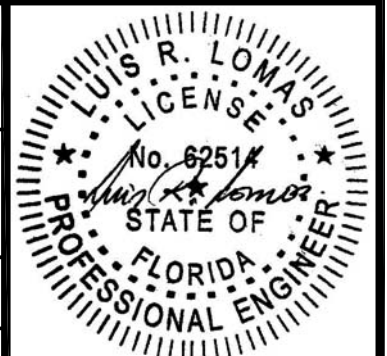
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APPROVED SEALANT BEHIND FIN

#6 WOOD SCREW

7/16" MIN EDGE DISTANCE

1 1/2" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS

1/4" MAX. SHIM SPACE

EXTERIOR

INTERIOR

7/16" MIN EDGE DISTANCE

#6 WOOD SCREW

APPROVED SEALANT BEHIND FIN

1 1/2" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS

1/4" MAX SHIM SPACE

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

WOOD FRAMING BY OTHERS

1/4" MAX SHIM SPACE

1 1/2" MIN. EMBEDMENT

#6 WOOD SCREW

APPROVED SEALANT BEHIND FIN

7/16" MIN EDGE DISTANCE

INTERIOR

EXTERIOR

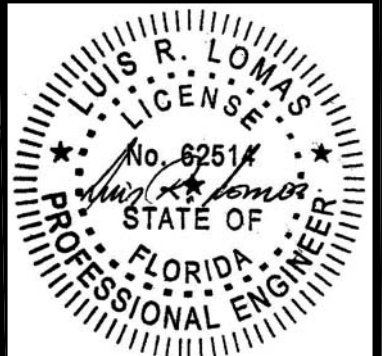
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