

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.
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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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.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/20/2026

LUIS R. LOMAS

LICENS. M.E.

No. 62514

STATE OF

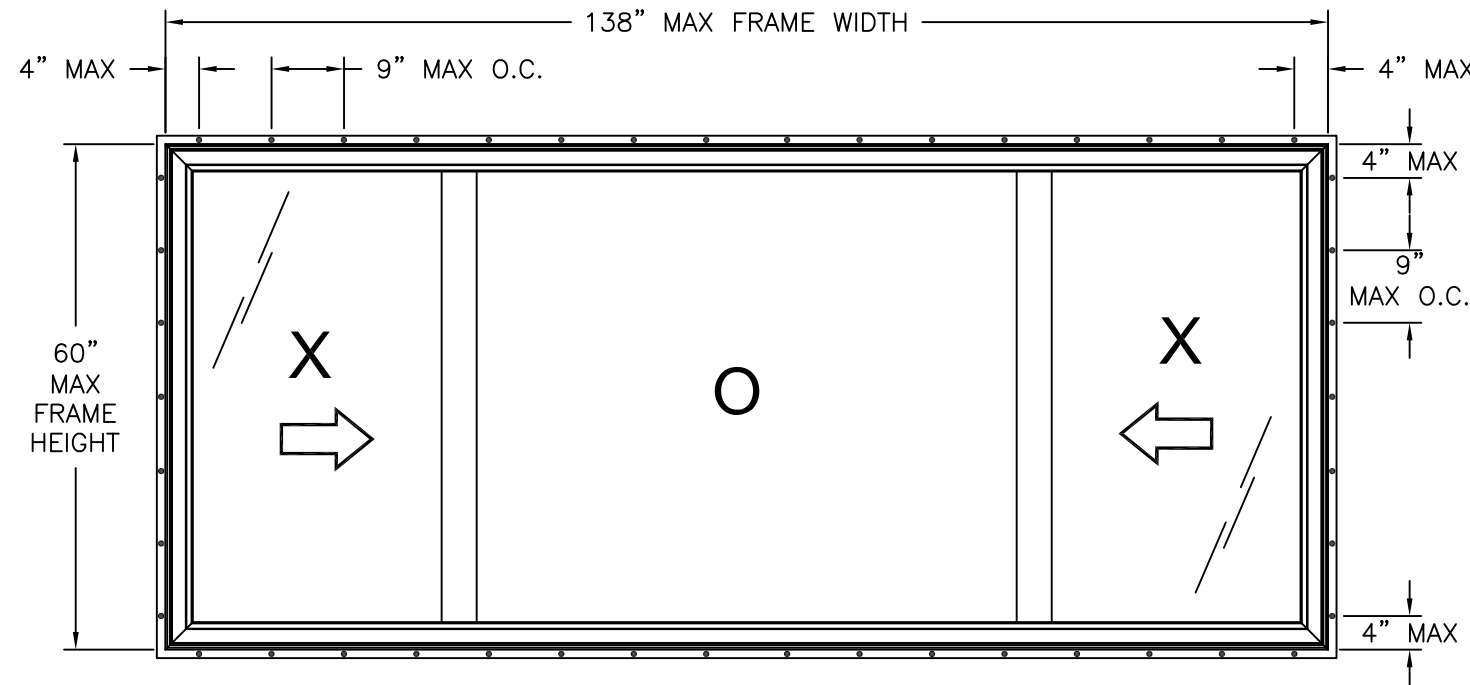
FLORIDA

PROFESSIONAL ENGINEER

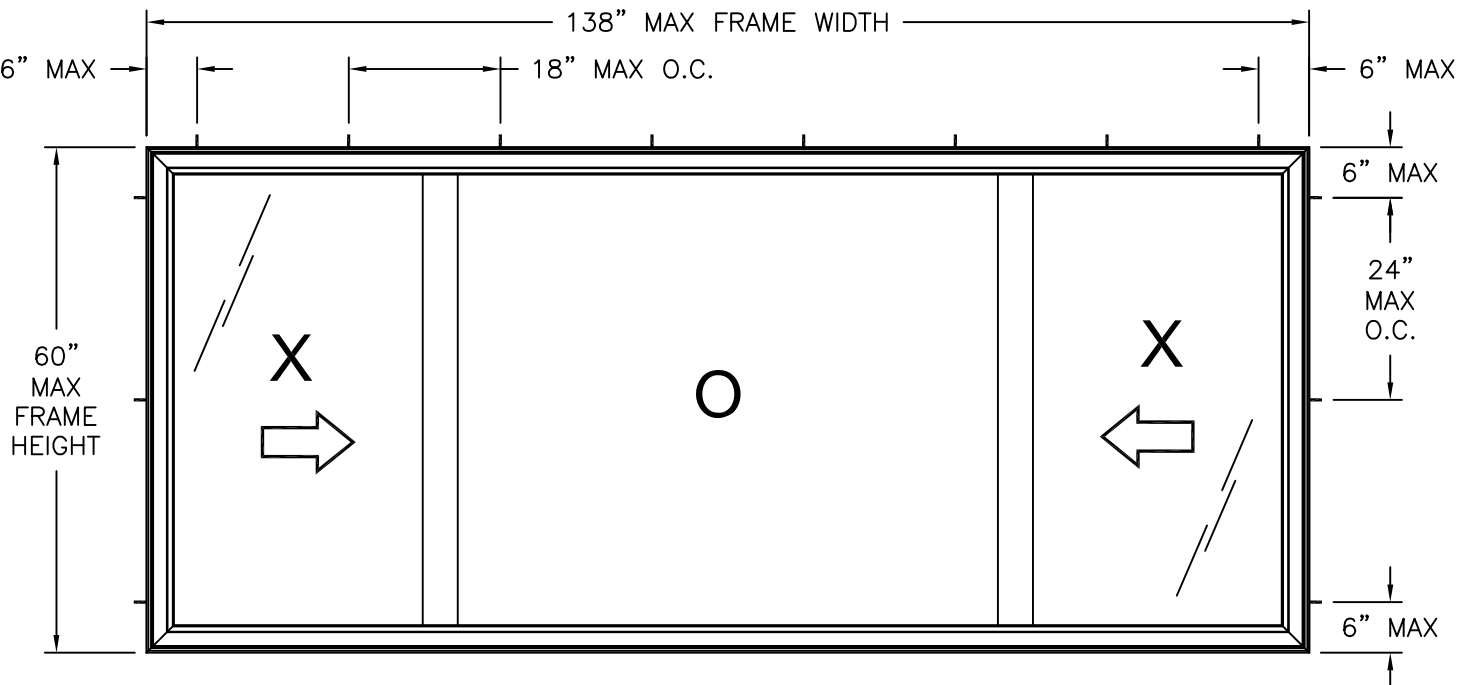
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SIGNATURE/VIWINCO HORIZONTAL SLIDER XOX
EXTERIOR VIEW
FIN INSTALLATION



SIGNATURE/VIWINCO HORIZONTAL SLIDER XOX
EXTERIOR VIEW
FRAME INSTALLATION

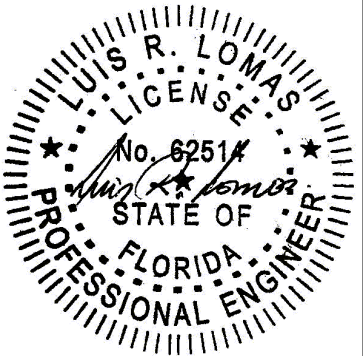
DESIGN PRESSURE RATING	IMPACT RATING
±25.0PSF	NONE

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

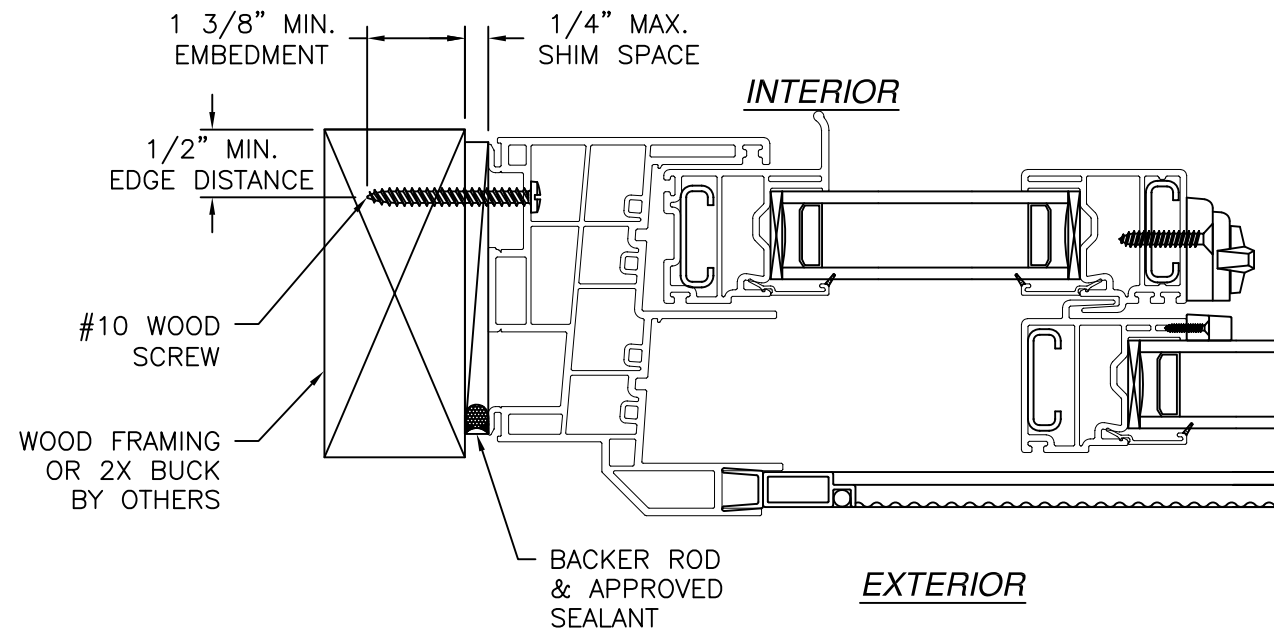
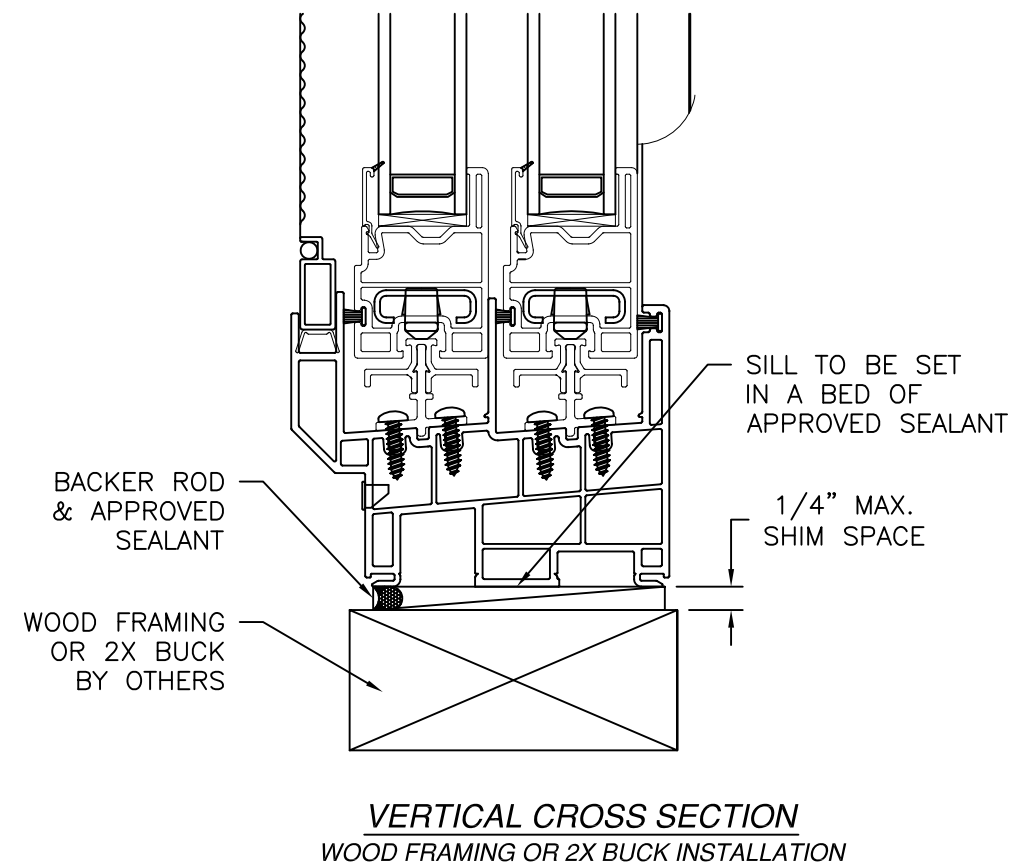
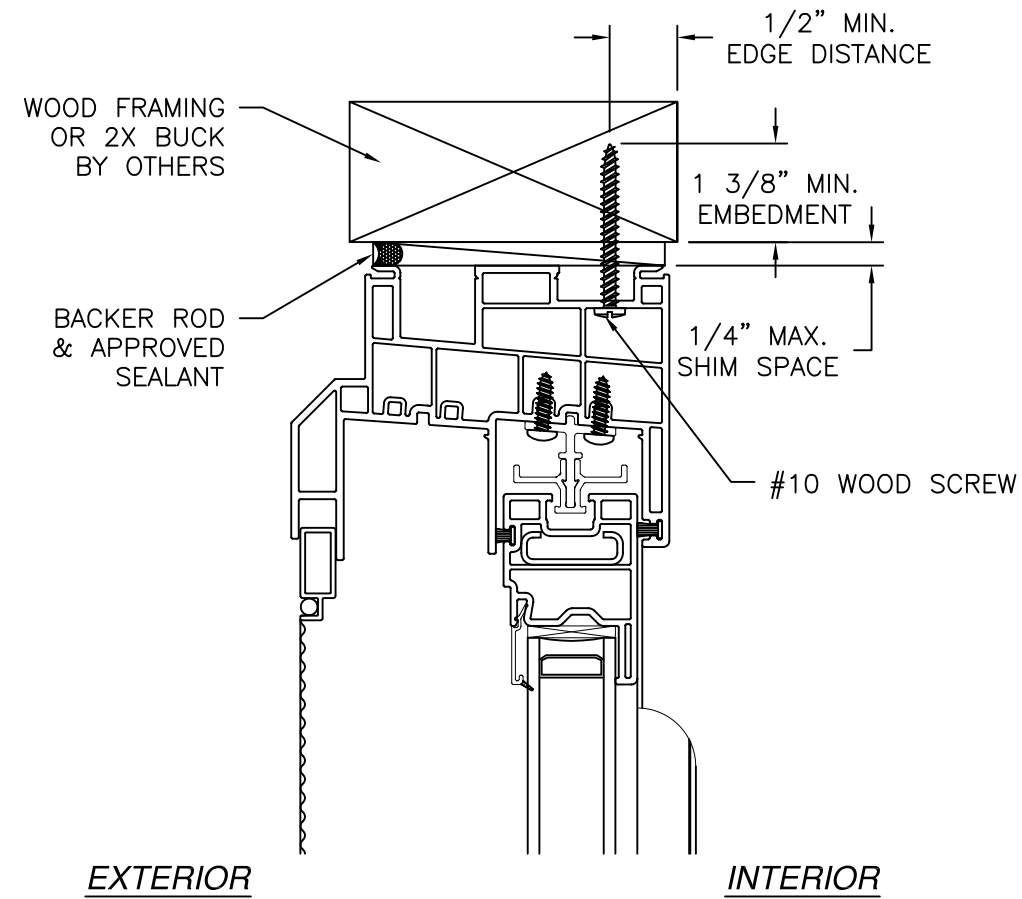
- NOTES:
- (2 PER SASH) 3/8" X 3/16" WEEP SLOT 3" FROM EACH EDGE OF SASH BOTTOM RAIL.
 - (2) 1" X 1/8" WEEP SLOT 3" FROM EDGE OF FRAME OF SILL FACE.
 - (2) 1/2" X 1/8" WEEP SLOT 1" FROM EDGE OF SCREEN TRACK.
 - (2) 1" X 1/8" WEEP SLOT ON INTERIOR SILL TRACK.
 - (2) 1" X 1/8" WEEP SLOT ON EXTERIOR SILL 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. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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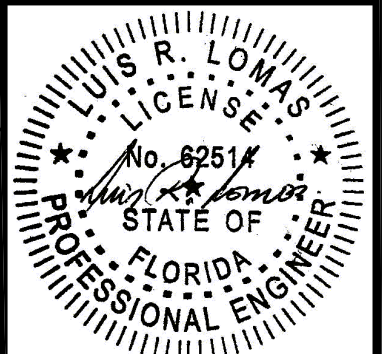
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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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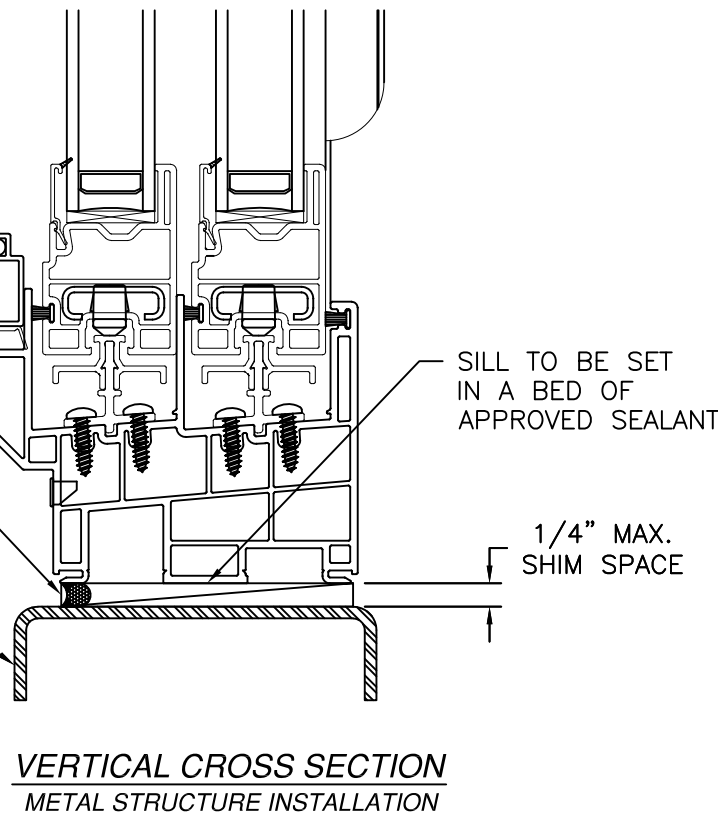
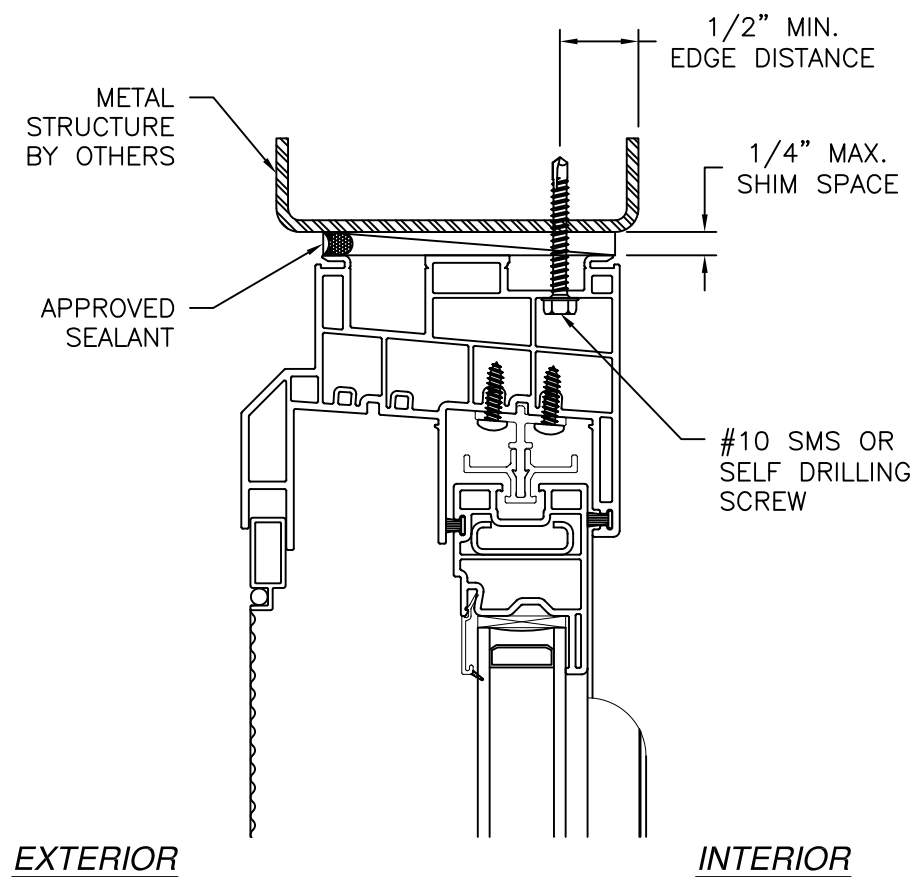
VIWINCO, INC. MORGANTOWN BUSINESS PARK, P.O. BOX 499 MORGANTOWN, PA 19543		
SIGNATURE/VIWINCO HORIZONTAL SLIDER XO 1/4 - 1/2 - 1/4 REINFORCED NON-IMPACT FRAME INSTALLATION DETAILS		
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SCALE NTS	DATE 02/03/15	SHEET 3 OF 6
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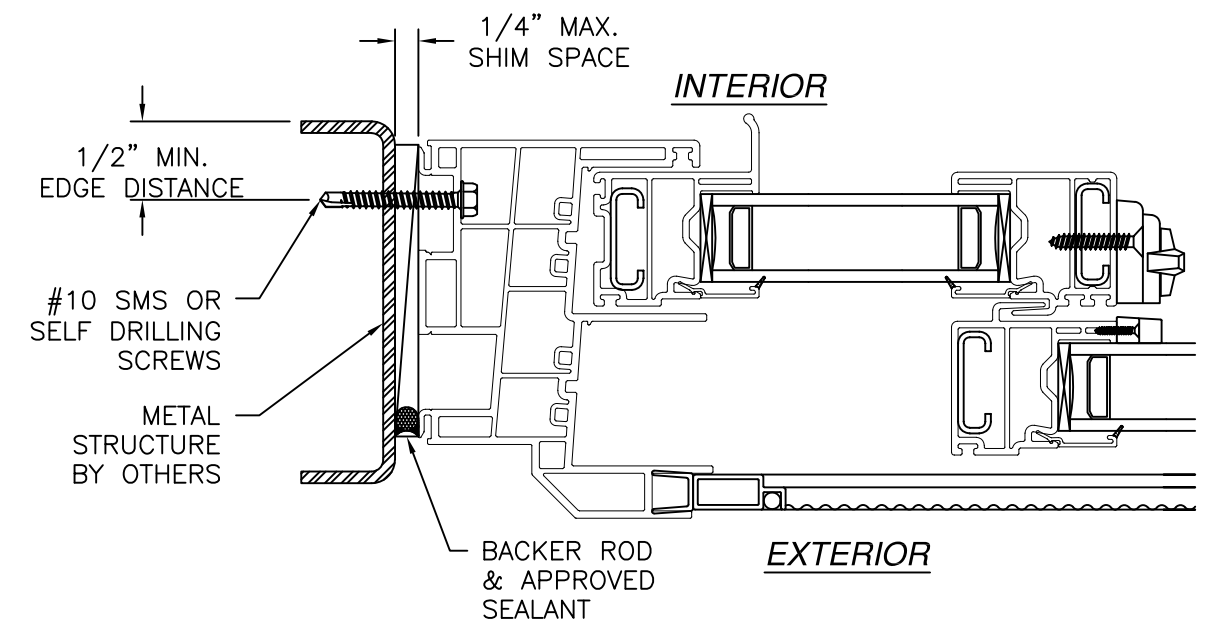


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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MORGANTOWN BUSINESS PARK, P.O. BOX 499
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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

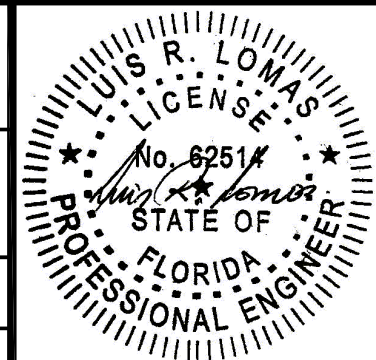
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SHEET 4 OF 6

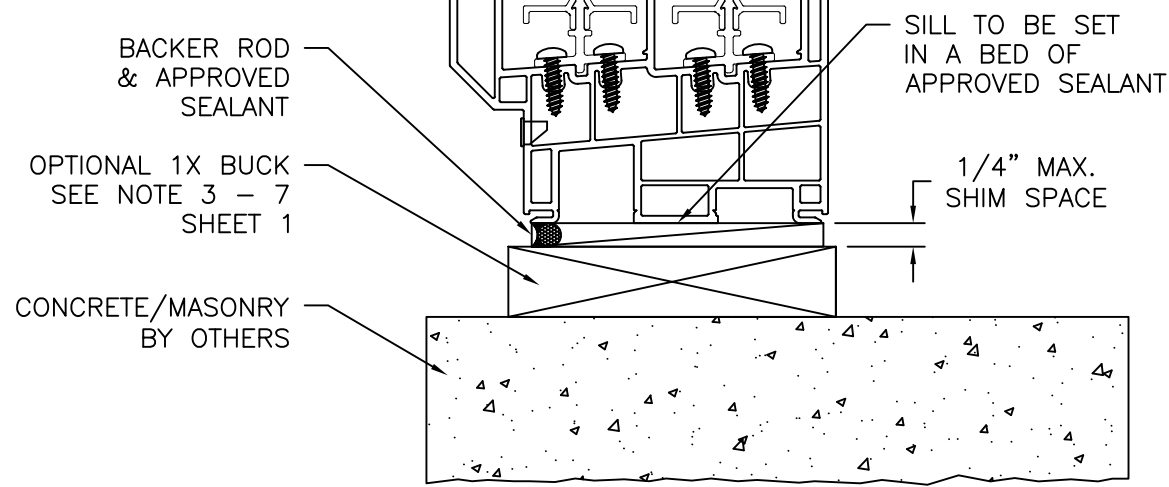
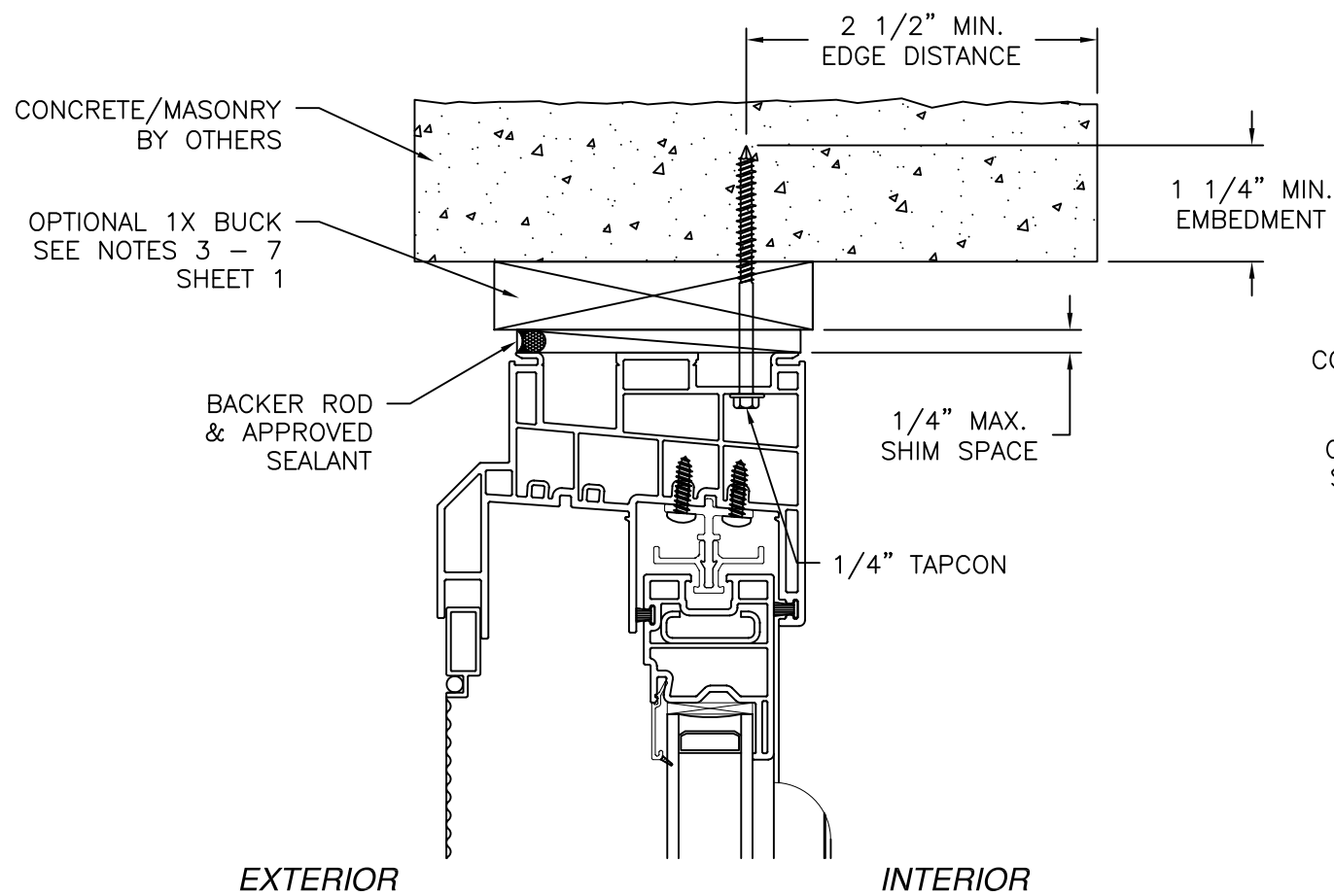
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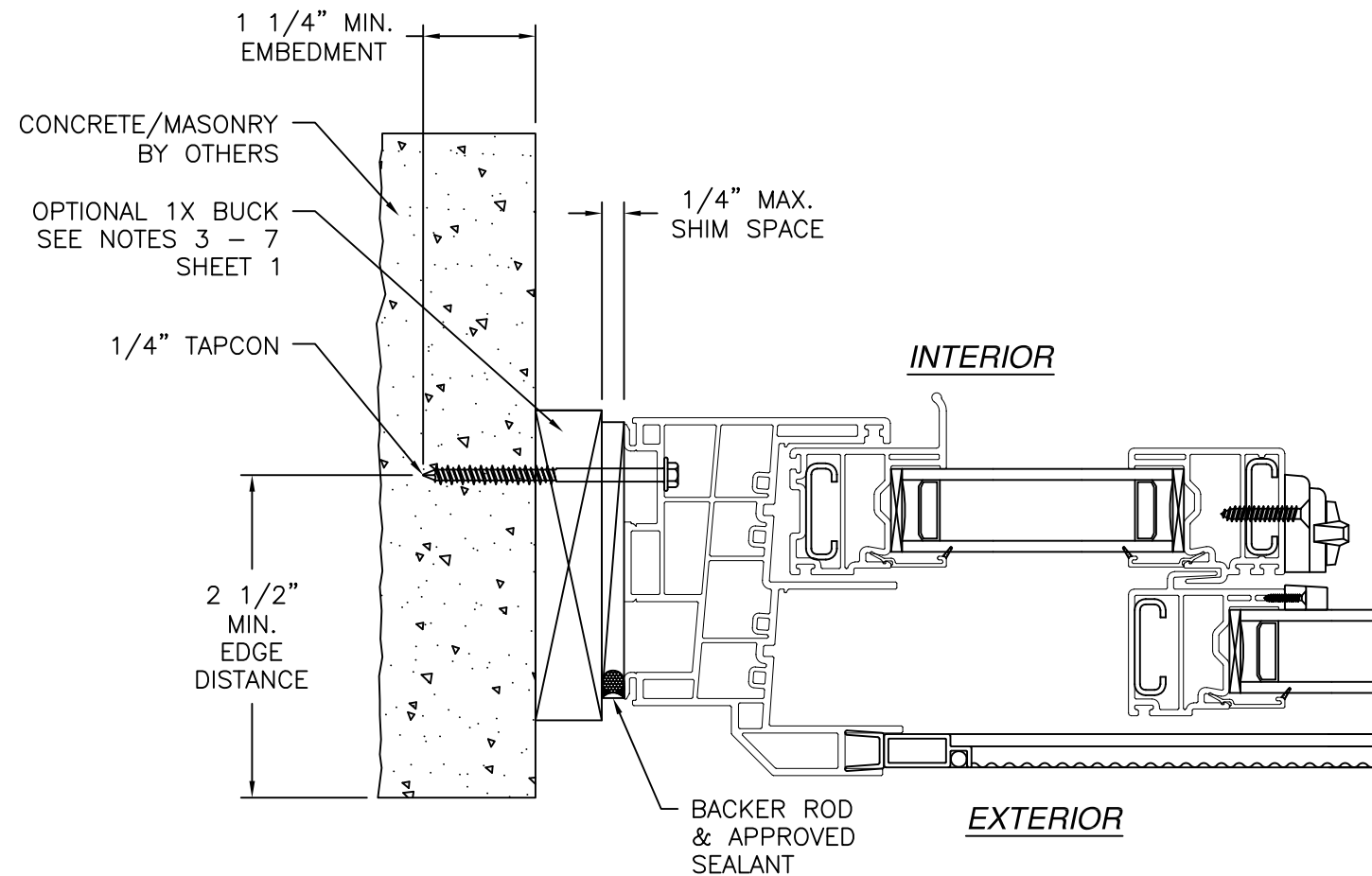
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



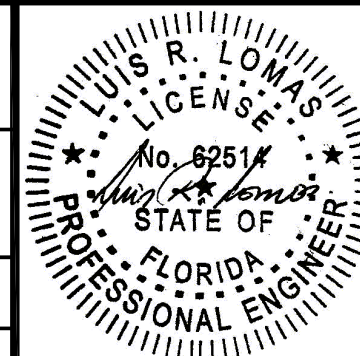
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CONCRETE/MASONRY INSTALLATION

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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

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SCREW

APPROVED SEALANT
BEHIND FIN

7/16" MIN
EDGE DISTANCE

INTERIOR

EXTERIOR

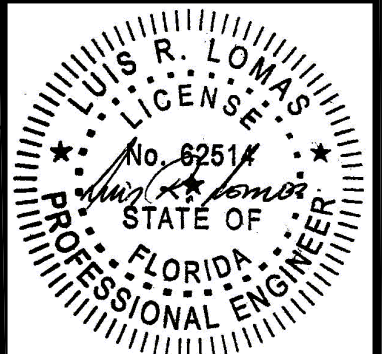
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