

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/27/15	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. 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.
 - 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 5. FRAME MATERIAL: EXTRUDED RIGID PVC.
 - 6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS DETAILS.
 - 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 - 9. FOR NAIL FIN INSTALLATION 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.
 - 10. FOR FRAME ANCHORING 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.
 - 11. FOR FRAME ANCHORING 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.
 - 12. FOR FRAME ANCHORING 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.
 - 13. ALL FASTENERS TO BE CORROSION RESISTANT.
 - 14. 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 1/8" THICK MINIMUM

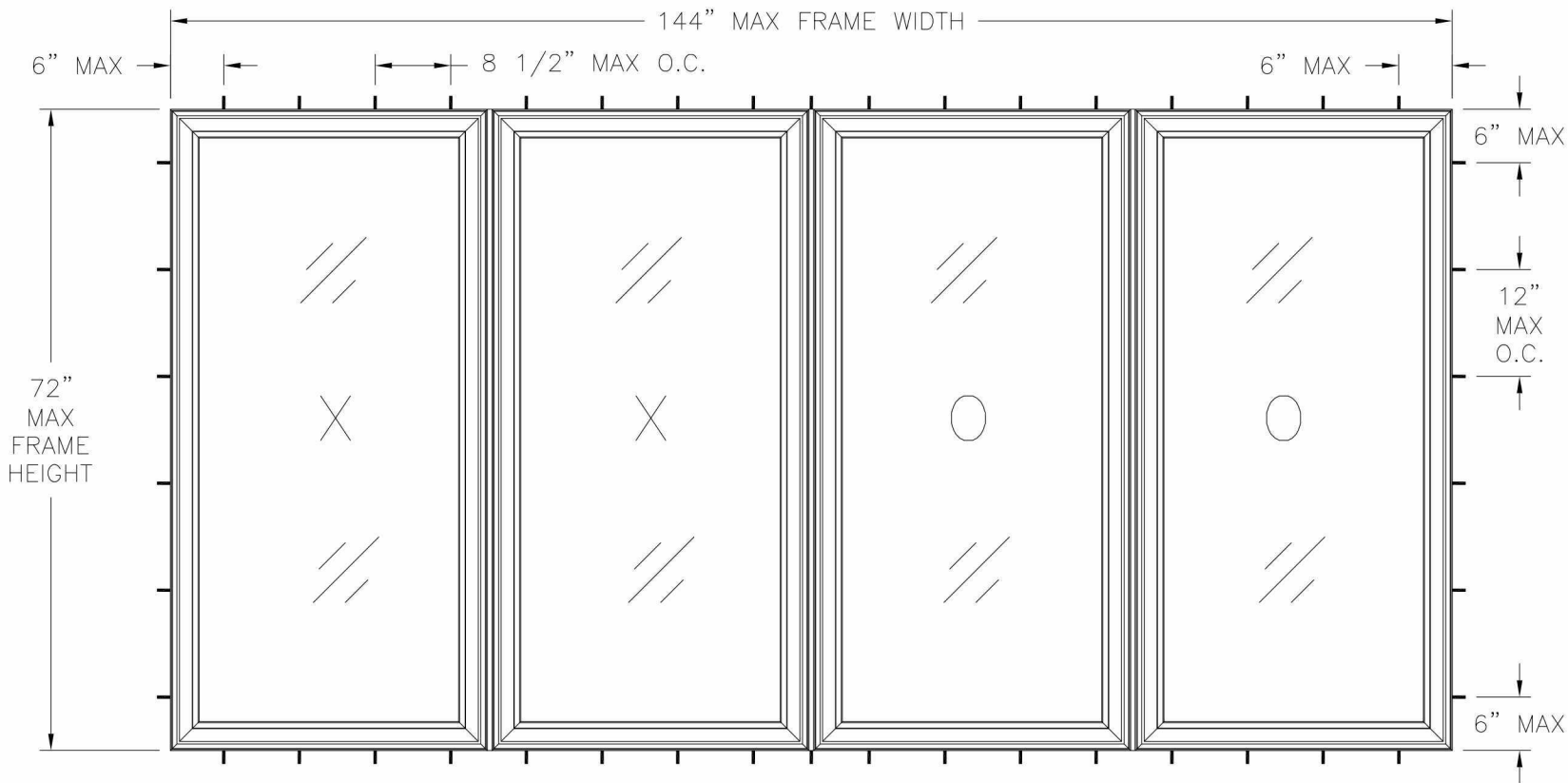
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5 – 7	INSTALLATION DETAILS
8	COMPONENTS

VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY NOTES		
DRAWN: A.S.	DWG NO. 08-01869	REV A
SCALE NTS	DATE 01/16/13	SHEET 1 OF 8

SIGNED: 07/28/2015



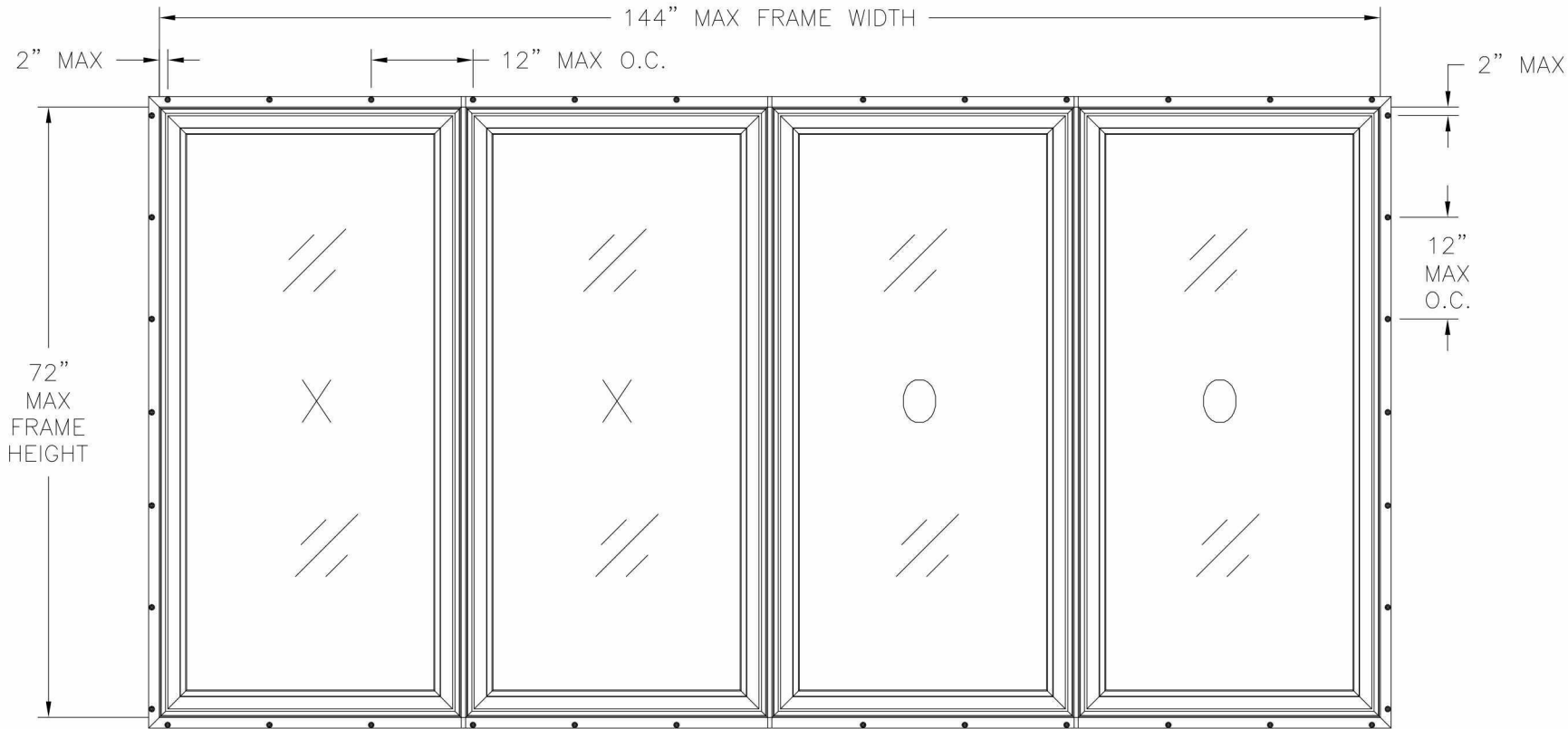
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SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY
EXTERIOR VIEW
FRAME FLUSH INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
<i>±50.0PSF</i>	<i>LARGE AND SMALL MISSILE IMPACT</i>

MISSILE LEVEL D, WIND ZONE 3



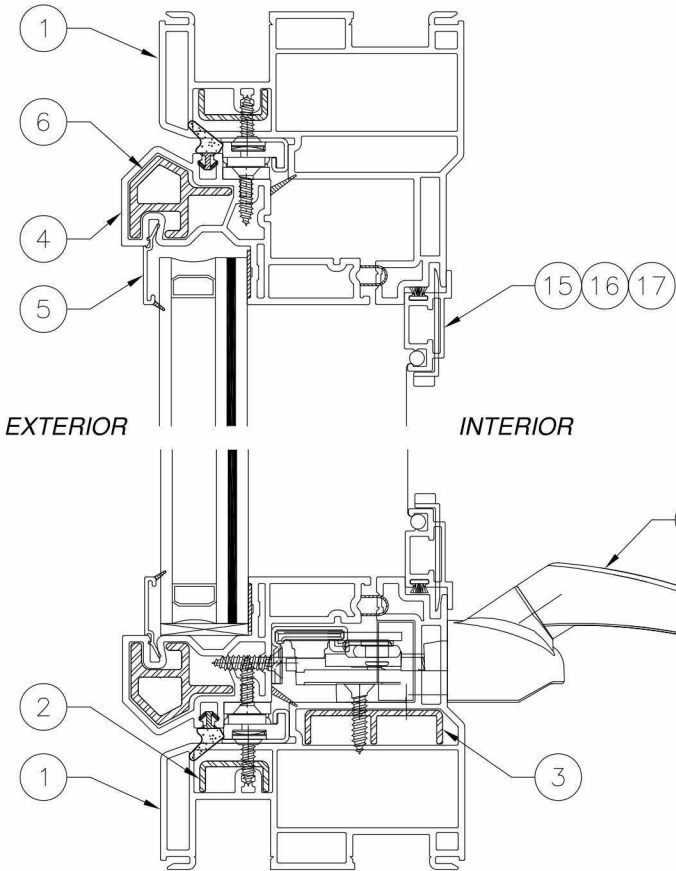
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY
EXTERIOR VIEW
FIN INSTALLATION

SIGNED: 07/28/2015

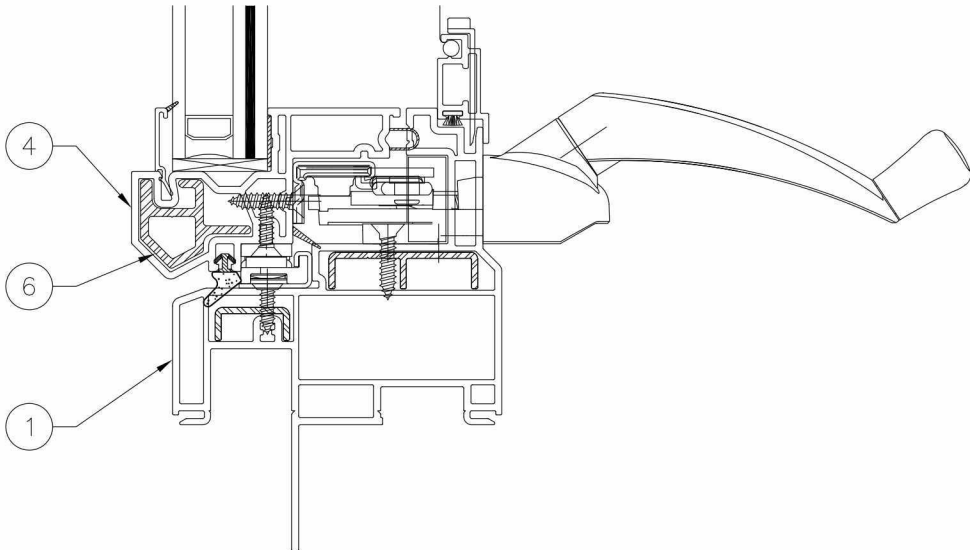
VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY ELEVATIONS		
DRAWN: A.S.	DWG NO. 08-01869	REV A
SCALE NTS	DATE 01/16/13	SHEET 2 OF 8



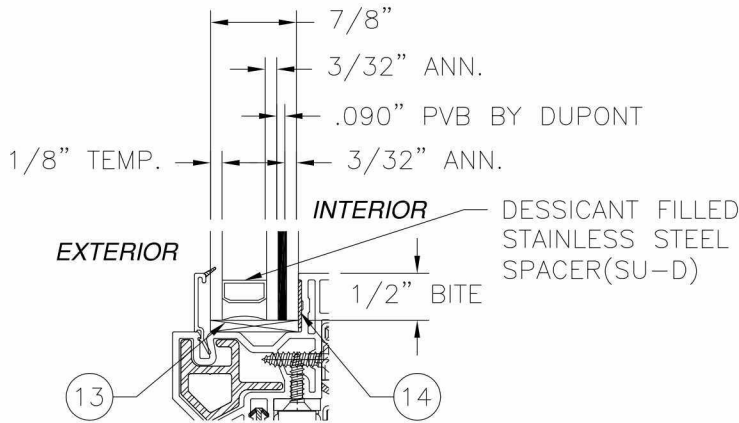
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	8925	FRAME	DECEUNINCK	PVC
2	6180	UNDER HINGE ALUM REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
3	6182	UNDER OPERATOR ALUM REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
4	5434	SASH	DECEUNINCK	PVC
5	5144	GLAZING BEAD	DECEUNINCK	PVC
6	6170	SASH REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
7	6190	SASH REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
8	5570	1/2" MULLION	DECEUNINCK	PVC
9	6503	MULLION REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
10	6021HE	OPERATOR, ENCORE	TRUTH	DIE CAST
11	10300095	SNUBBER - FRAME	DECEUNINCK	ALUMINUM 6105-T5
12	10300094	SNUBBER - SASH	DECEUNINCK	ALUMINUM 6105-T5
13	7240T	SETTING BLOCK	TB PHILLY	PLASTIC
14	3462	SILICONE (INSTAGLAZE)	DOW	SILICONE
15	3215	SCREEN RAIL	HYGRADE	ALUMINUM 6105-T5
16	3270	FIBERGLASS SCREEN	PHIFER	FIBERGLASS
17	3260	SPLINE	DAPA	PLASTIC
18	1200	SPACER	DECEUNINCK	PVC



VERTICAL SECTION



FIN FRAME



GLAZING DETAIL

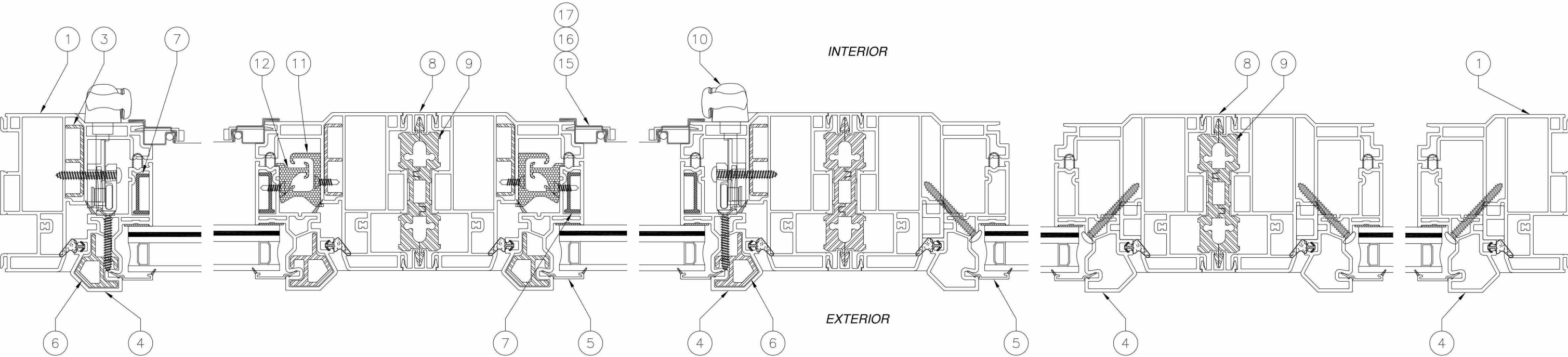
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VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY CROSS SECTIONS, GLAZING DETAIL AND B.O.M.		
DRAWN: A.S.	DWG NO. 08-01869	REV A
SCALE NTS	DATE 01/16/13	SHEET 3 OF 8

SIGNED: 07/28/2015



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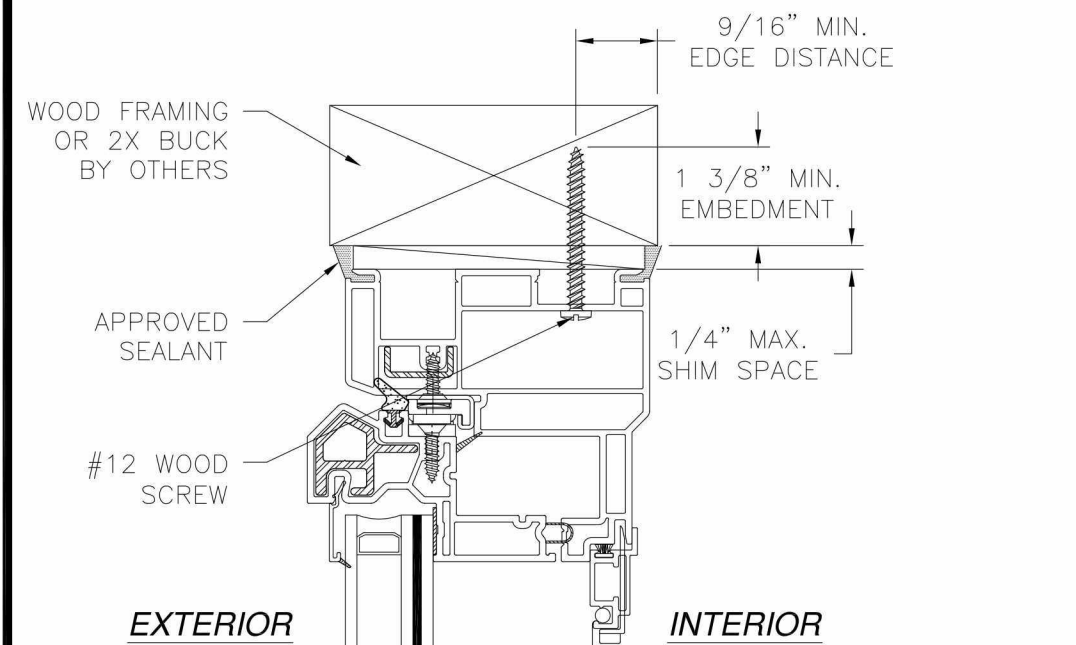


HORIZONTAL SECTION

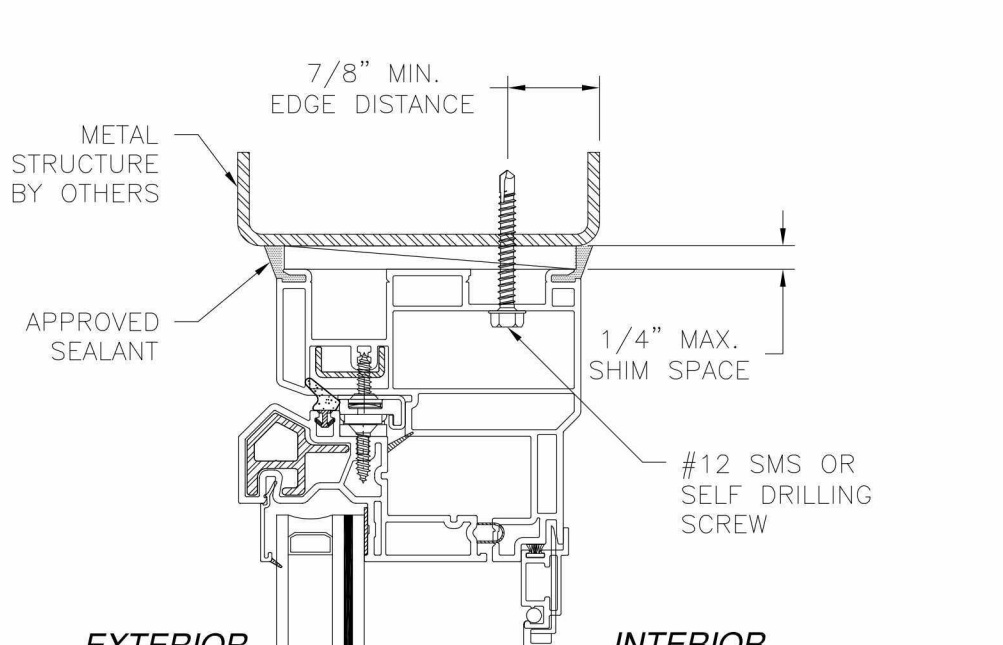
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VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY HORIZONTAL CROSS SECTION		
DRAWN: A.S.	DWG NO. 08-01869	REV A
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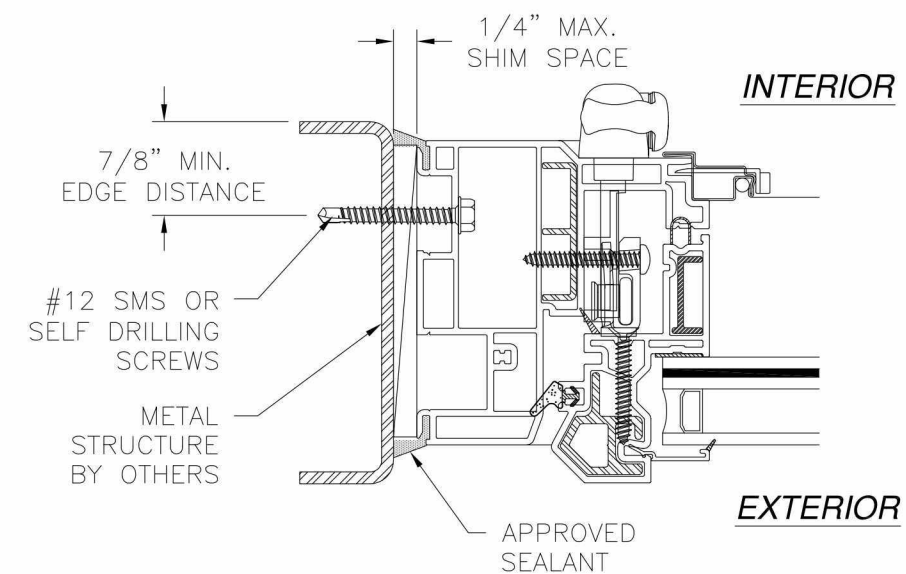


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

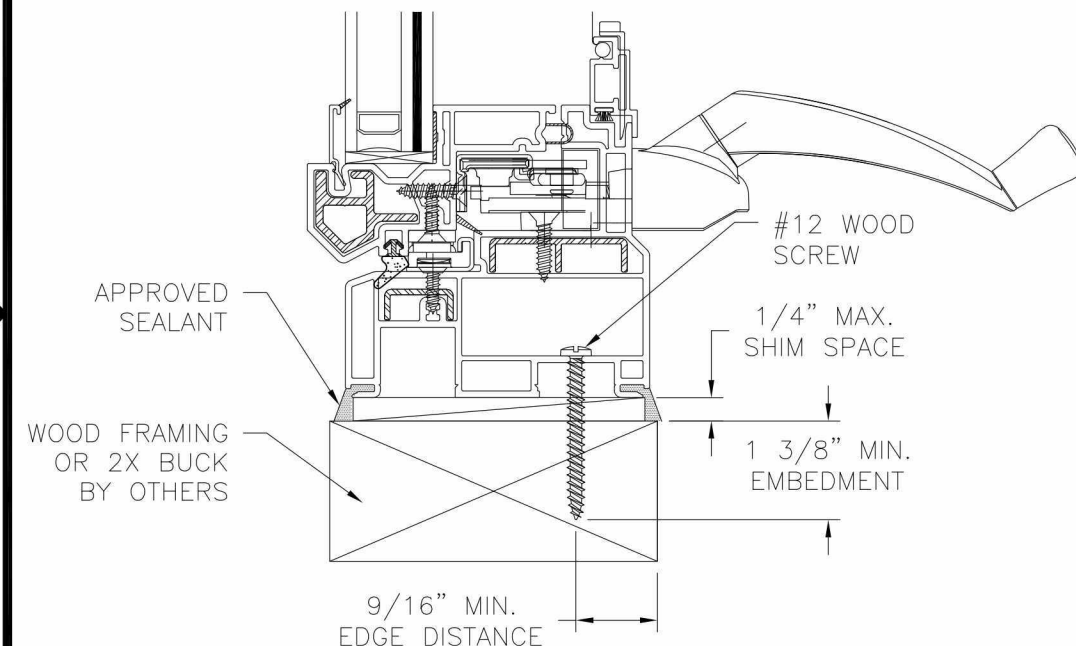


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

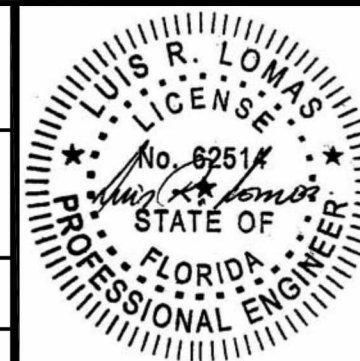


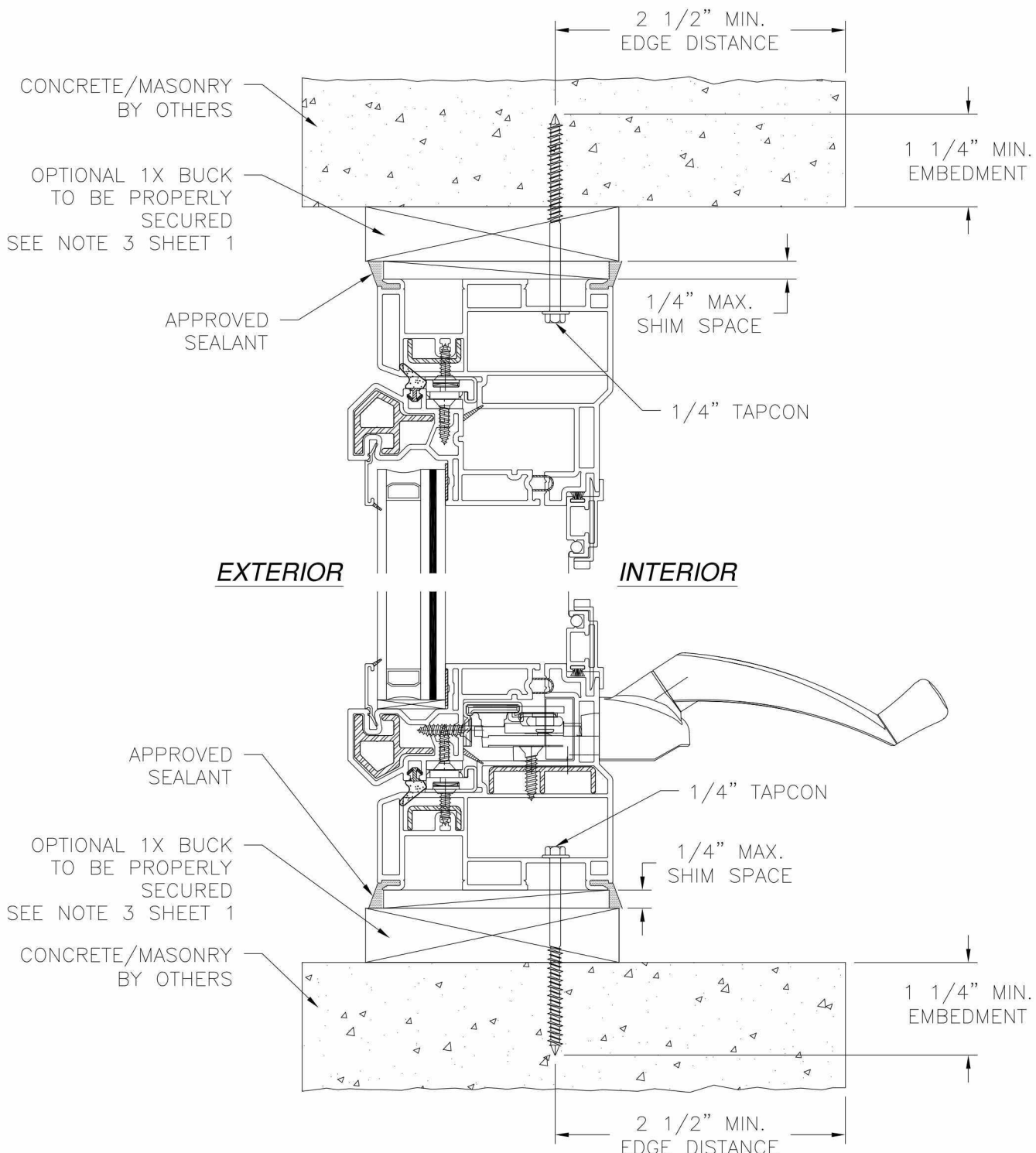
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY FRAME INSTALLATION DETAILS		
DRAWN: A.S.	DWG NO. 08-01869	REV A
SCALE NTS	DATE 01/16/13	SHEET 5 OF 8

SIGNED: 07/28/2015

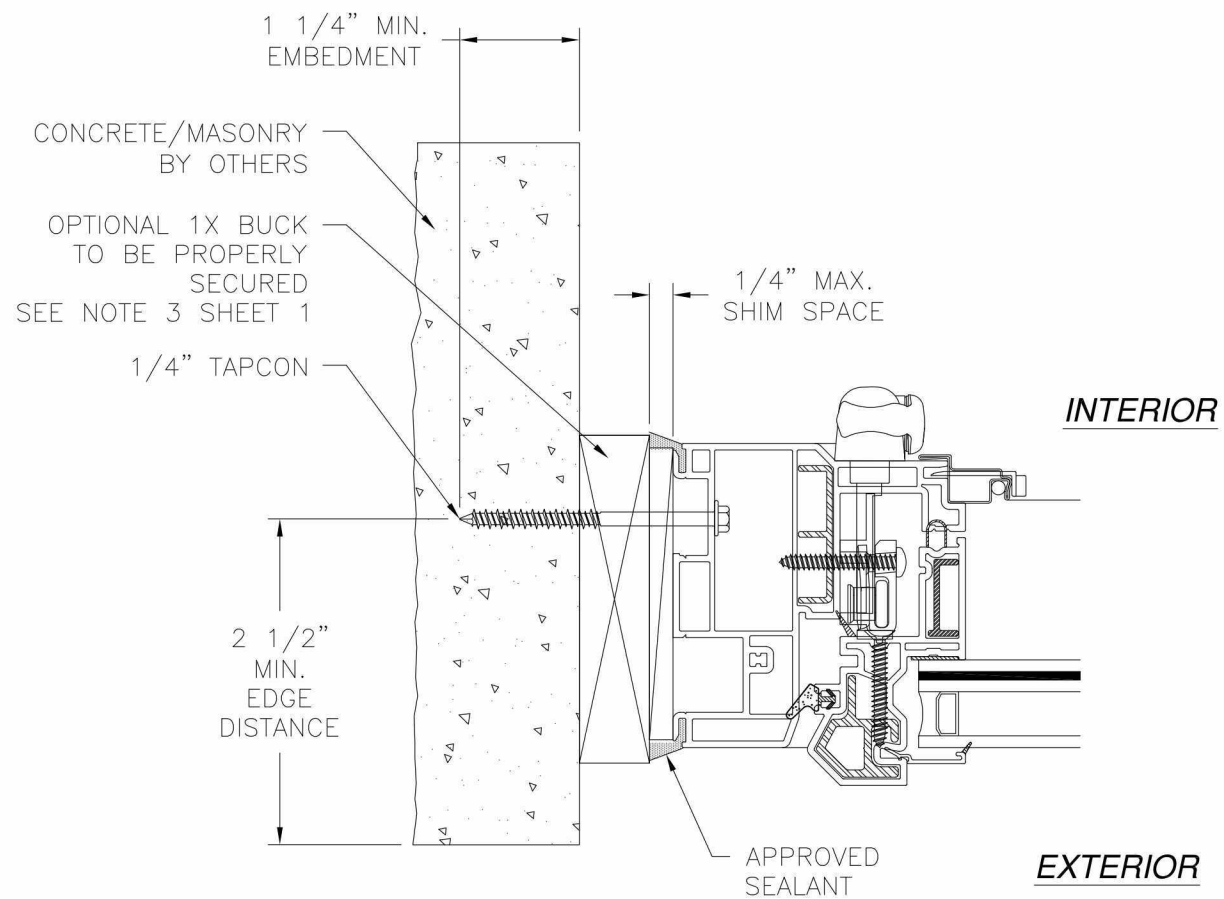




VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

- NOTES:
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

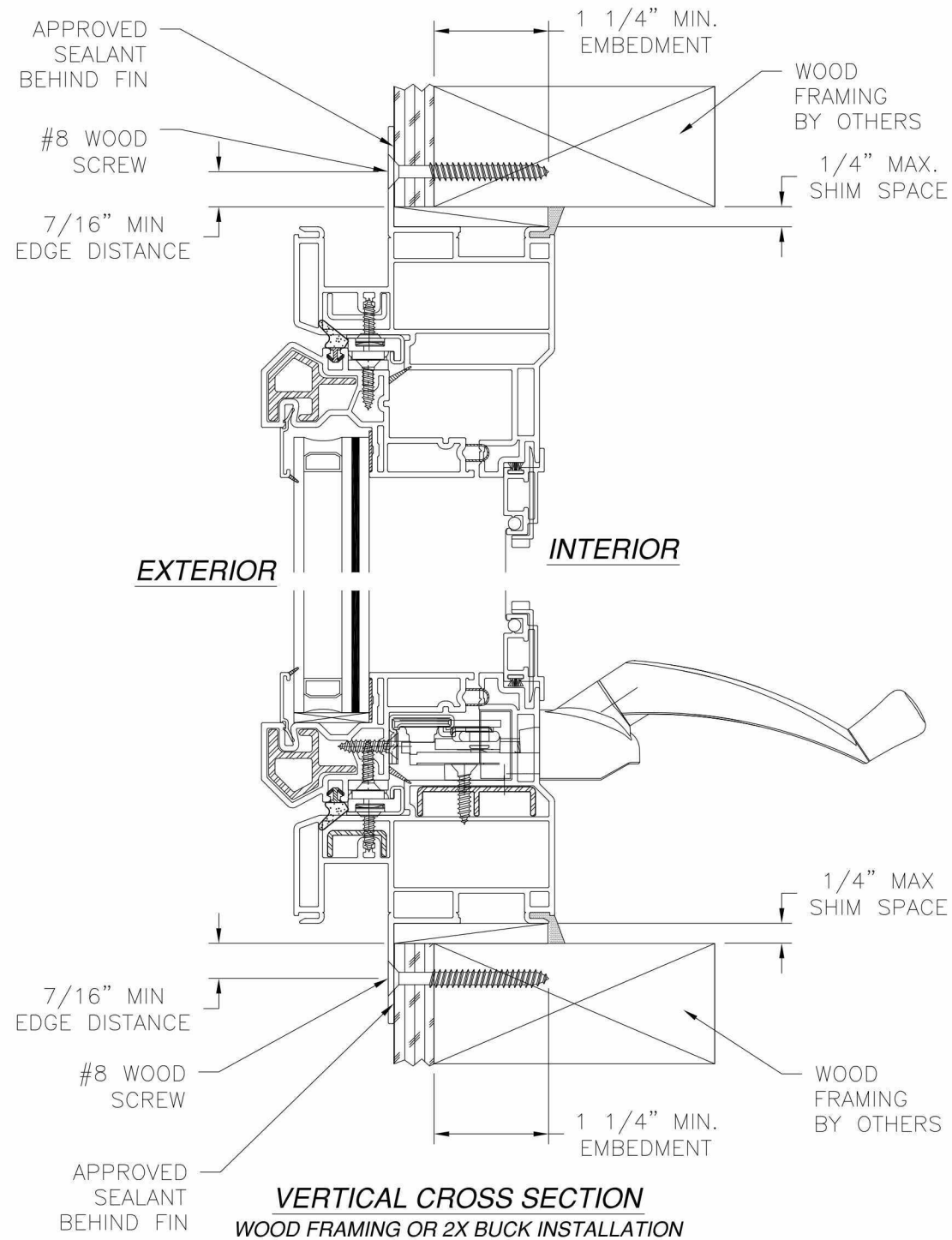
VIWINCO INC
P.O. BOX 499
MORGANTOWN, PA 19543

SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED
MULLED ASSEMBLY
FRAME INSTALLATION DETAILS

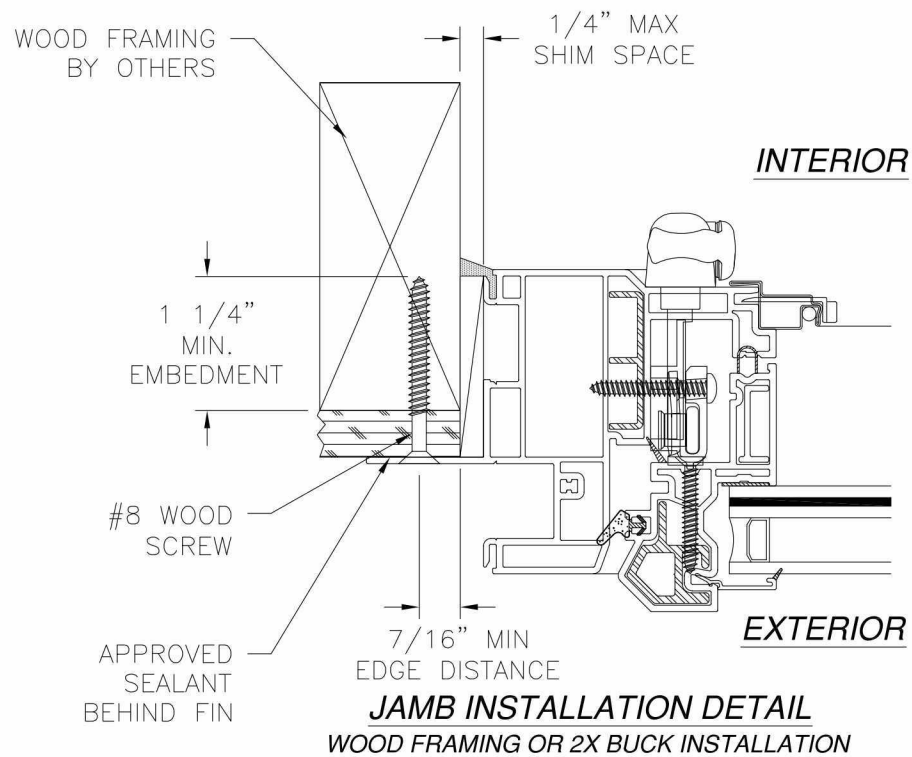
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



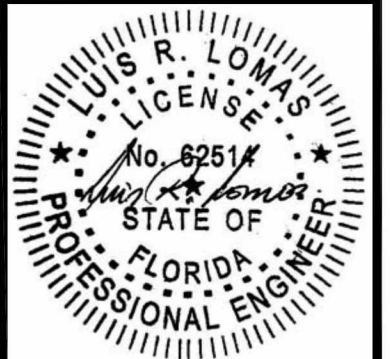
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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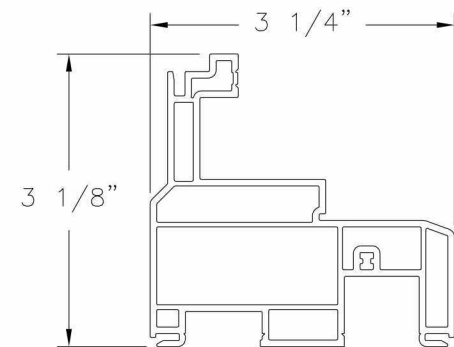
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VIWINCO INC P.O. BOX 499 MORGANTOWN, PA 19543		
SIGN/CAMB CX/CX/PX/PX IMP CASEMENT/FIXED MULLED ASSEMBLY NAIL FIN INSTALLATION DETAILS		
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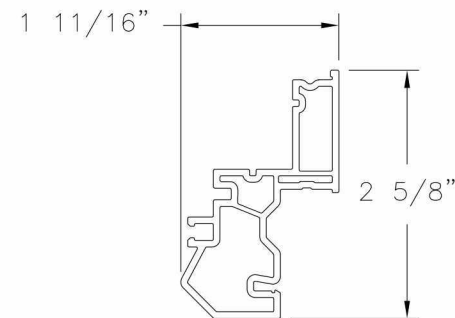
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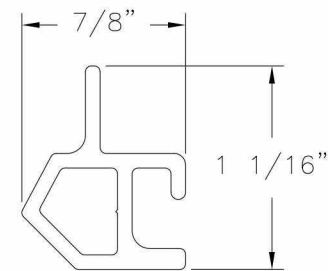
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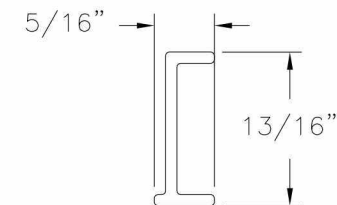
Frame
VINYL PVC .070 THICK



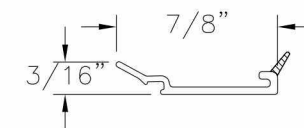
Sash
VINYL PVC .070 THICK



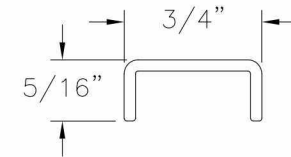
Sash Reinforcement
Aluminum 6105 T5, Anodized
.078 THICK



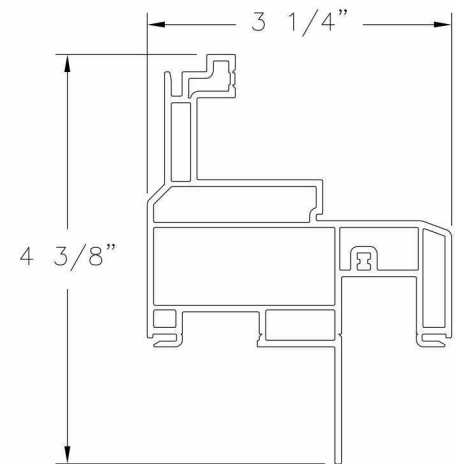
Sash Reinforcement
Aluminum 6105 T5, Anodized
.060 THICK



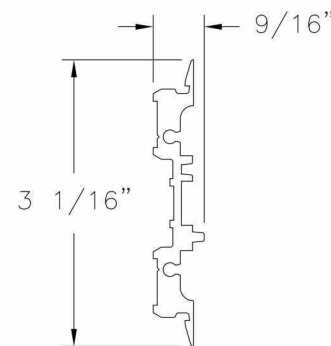
Glazing Bead
VINYL PVC .040 THICK



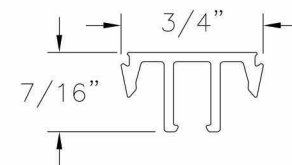
Under Hinge Reinforcement
Aluminum 6105 T5, Anodized
.060 THICK



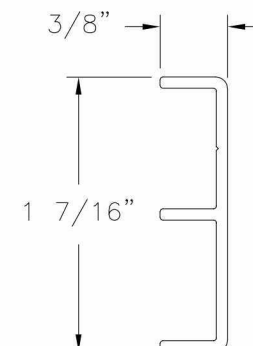
Frame (with Nail Fin)
VINYL PVC .070 THICK



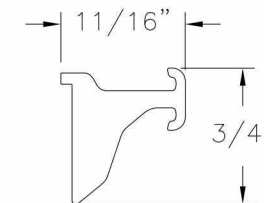
Mullion Reinforcement
Aluminum 6105 T5
.090 THICK



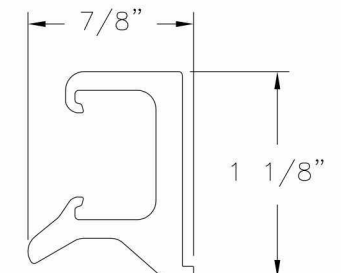
1/2" Mullion
VINYL PVC .050 THICK



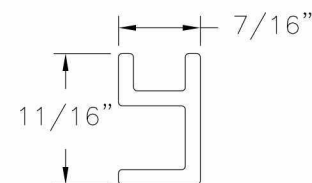
Under Operator Reinforcement
Aluminum 6105 T5
.060 THICK



Snubber - Sash
Aluminum 6105 T5
.092 THICK



Snubber - Frame
Aluminum 6105 T5, Anodized
.100 THICK



Spacer
VINYL PVC .080 THICK

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DRAWN: A.S.	DWG NO. 08-01869	REV A
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LUIS R. LOMAS
LICENSE
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER