

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 2 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 #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.
11. FOR FRAME ANCHORING INTO MASONRY/CONCRETE USE 3/16" 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 #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.
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

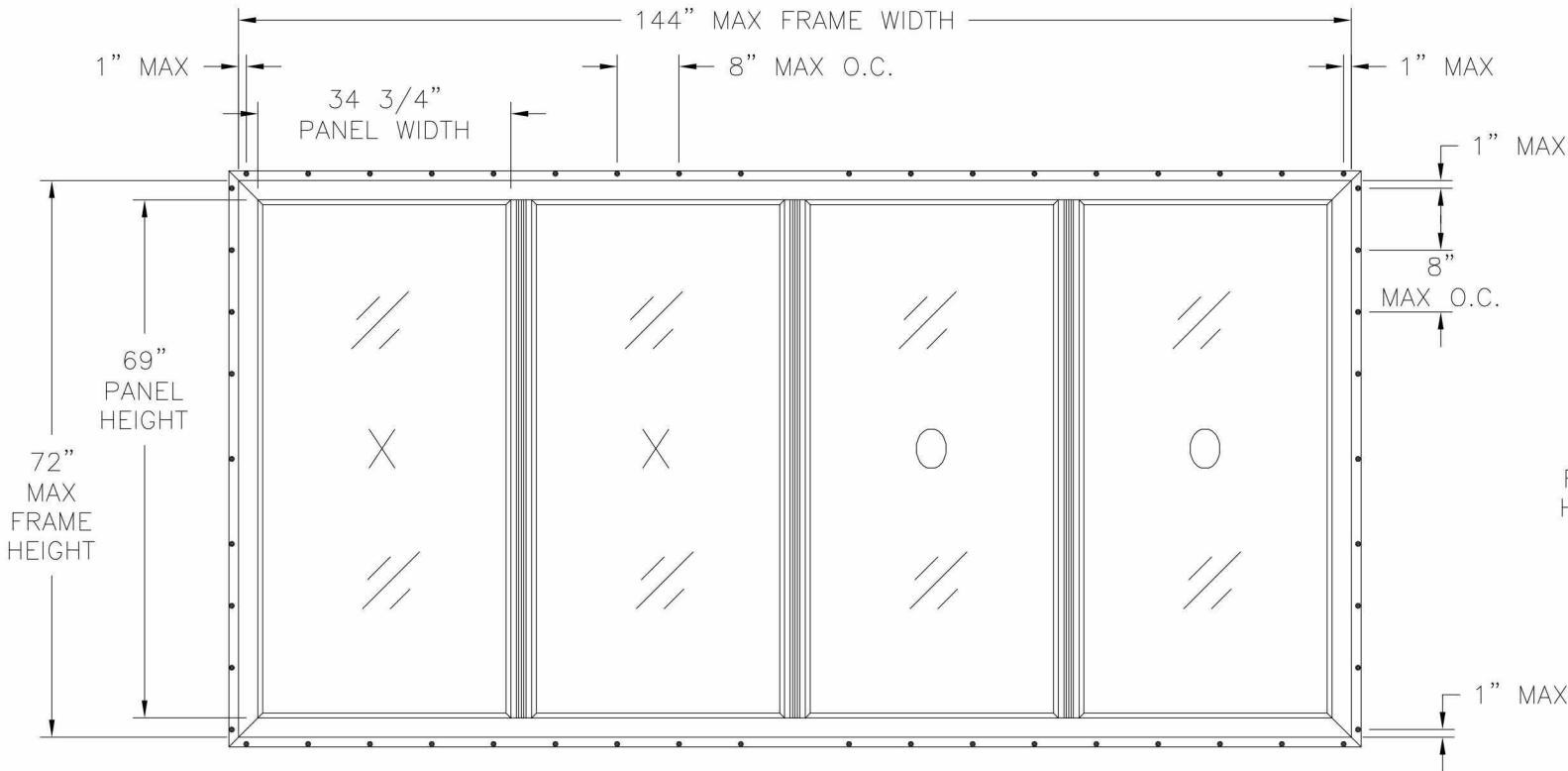
SIGNED: 07/28/2015

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3	CROSS SECTIONS AND B.O.M.
4 – 6	INSTALLATION DETAILS
7	COMPONENTS

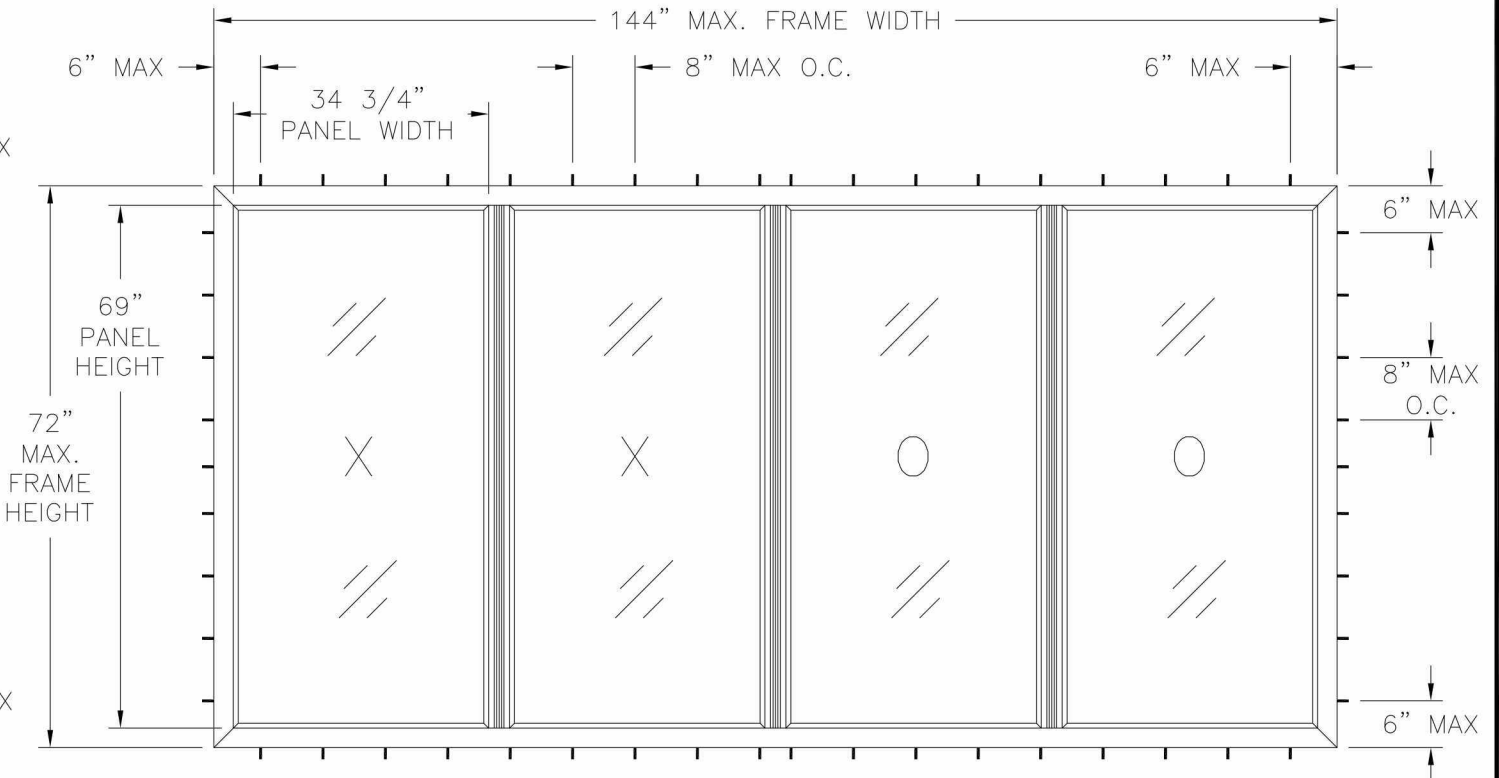
VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES IMPACT CASEMENT/FIXED COMBINATION ASSEMBLY 144 X 72 FRAME ELEVATION AND NOTES		
DRAWN: A.S.	DWG NO. 08-01484	REV A
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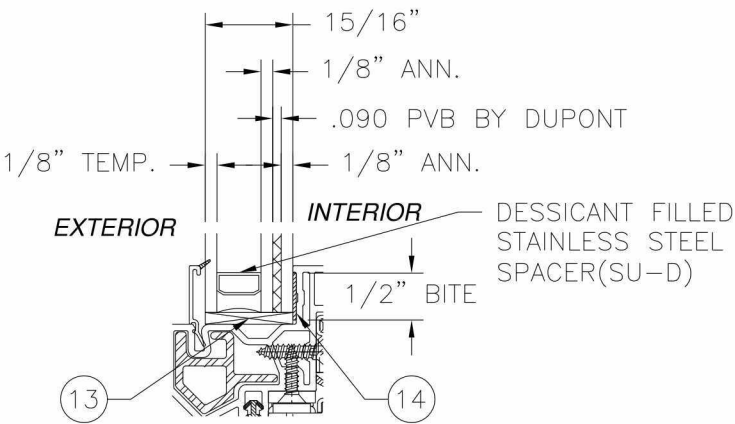
S-SERIES IMPACT CASEMENT/FIXED COMBINATION ASSEMBLY
 EXTERIOR VIEW
 FIN INSTALLATION



S-SERIES IMPACT CASEMENT/FIXED COMBINATION ASSEMBLY
 EXTERIOR VIEW
 FRAME FLUSH INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3



GLAZING DETAIL

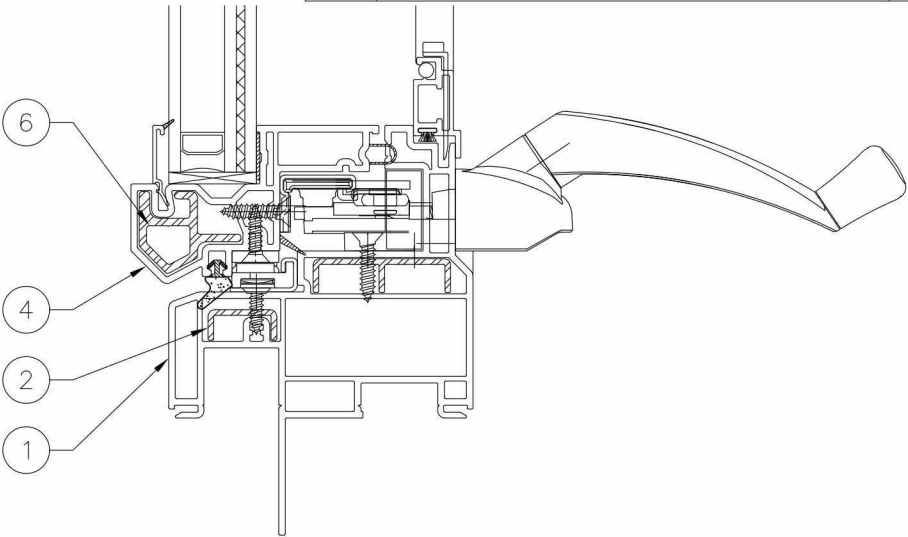
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VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES IMPACT CASEMENT/FIXED COMBINATION ASSEMBLY 144 X 72 ELEVATIONS		
DRAWN: A.S.	DWG NO. 08-01484	REV A
SCALE NTS	DATE 03/30/2012	SHEET 2 OF 7

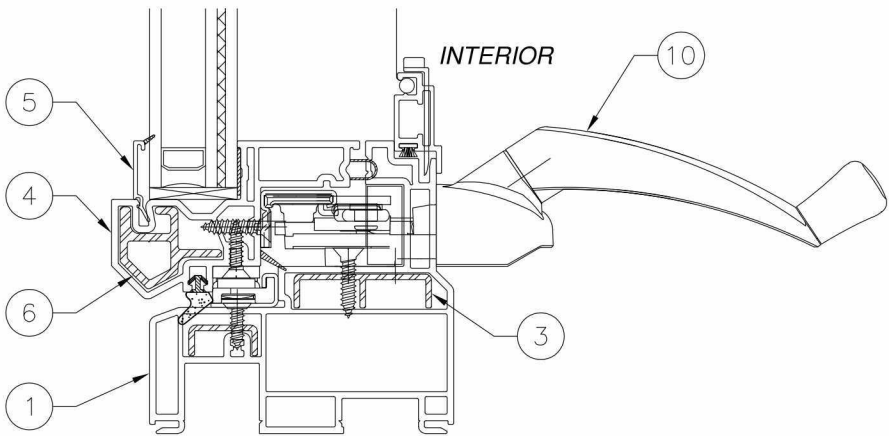
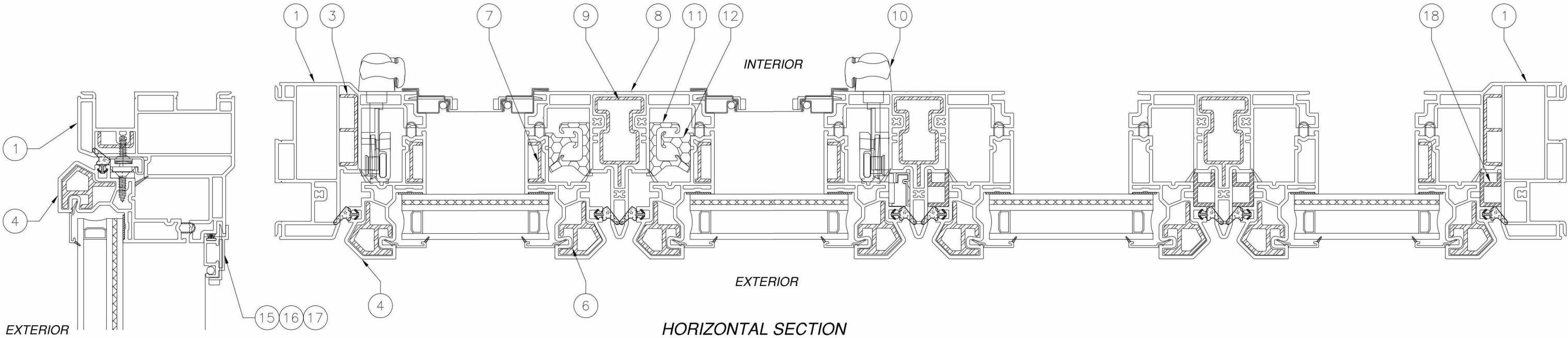


ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	8925	FRAME	DECEUNINCK	PVC
2	6180	UNDER HINGE ALUM REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
3	6182	UNDER OPERATOR ALUM REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
4	5434	SASH	DECEUNINCK	PVC
5	5144	GLAZING BEAD	DECEUNINCK	PVC
6	6170	SASH REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
7	6190	SASH REINFORCEMENT	PENNEX	ALUMINUM 6105-T5
8	5739	ASTRAGAL FRAME	DECEUNINCK	PVC
9	10300028	ASTRAGAL 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

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FIN FRAME

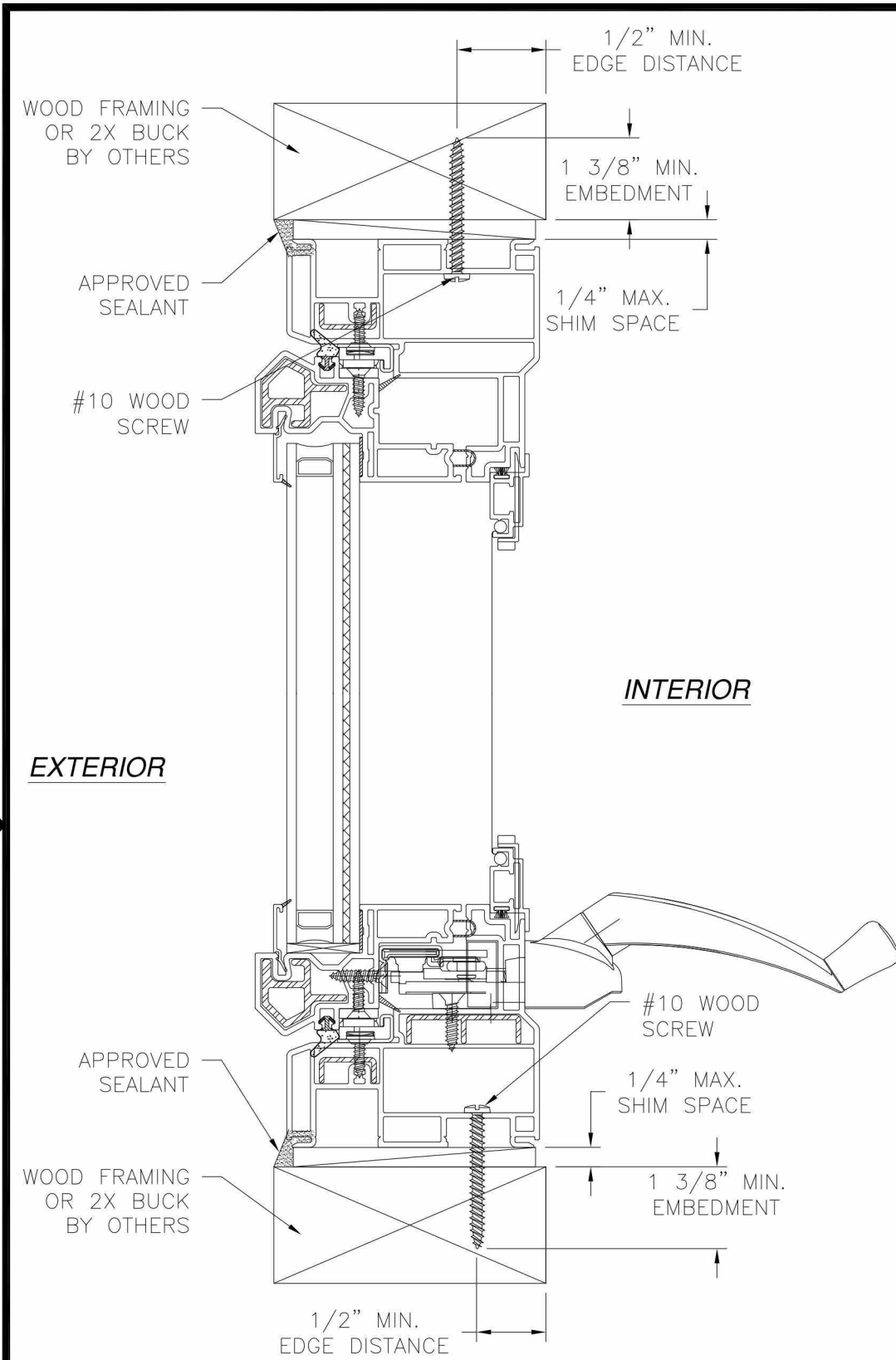


VERTICAL SECTION

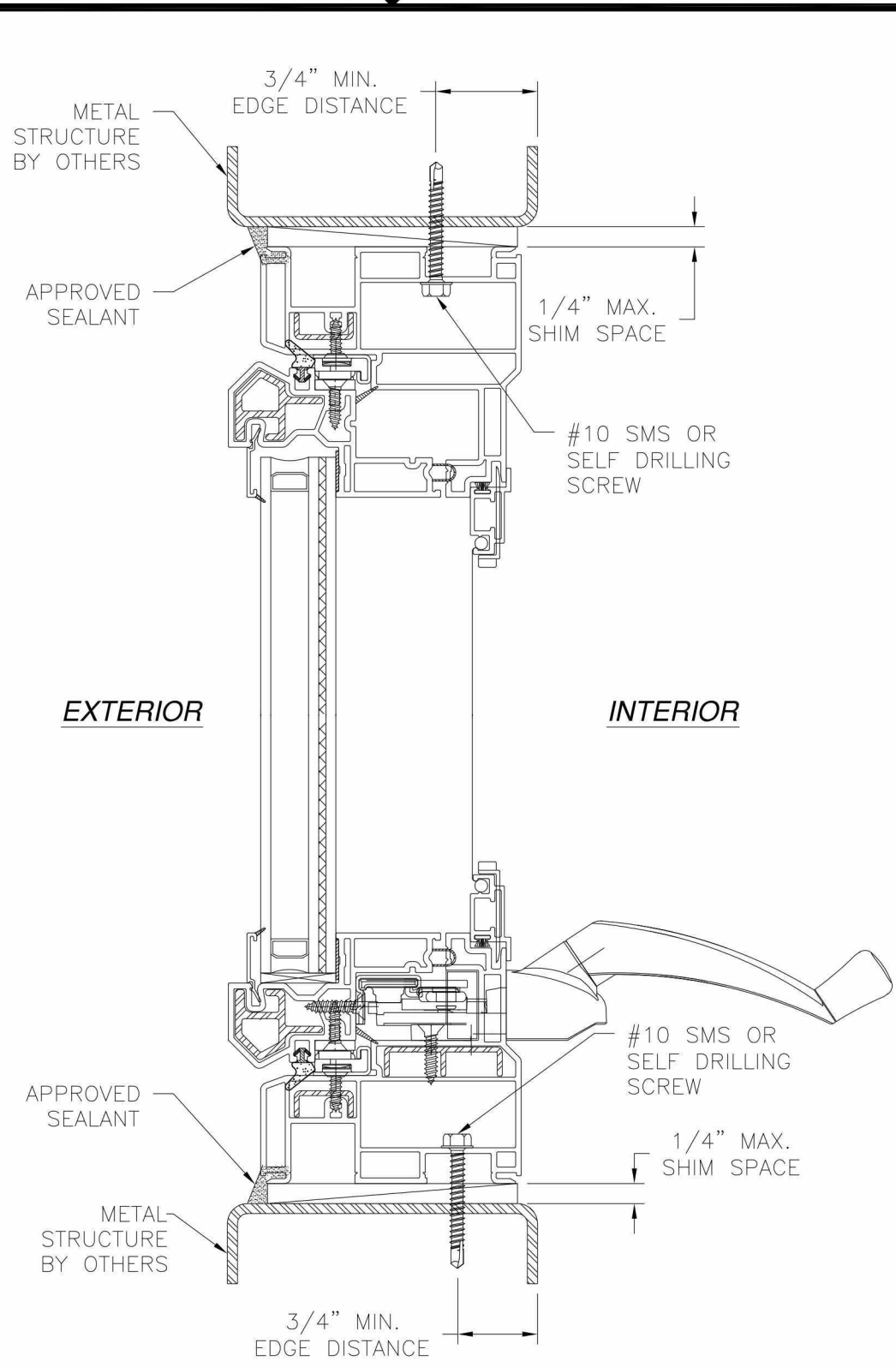
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VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES IMPACT CASEMENT/FIXED COMBINATION ASSEMBLY 144 X 72 B.O.M. AND CROSS SECTIONS		
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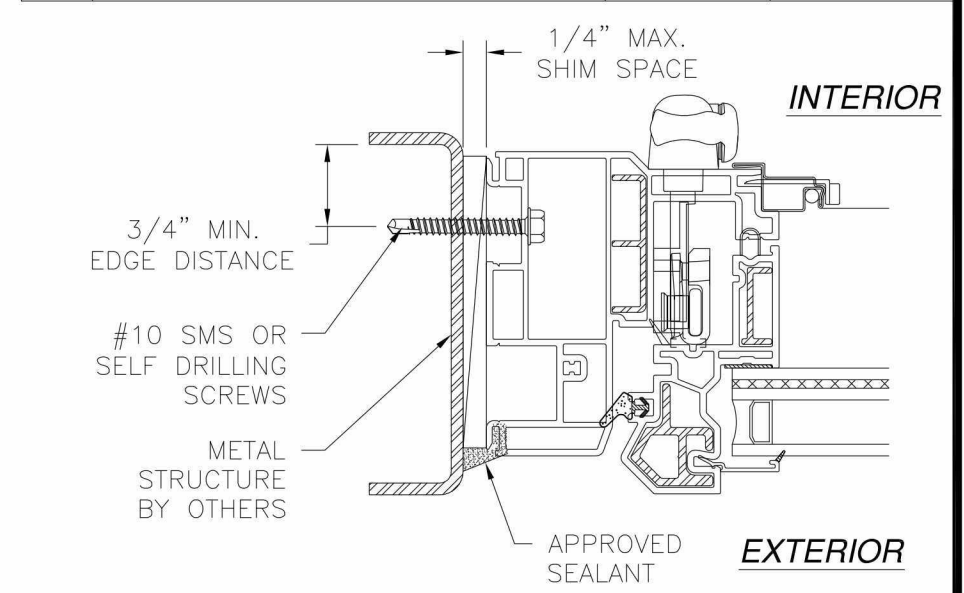
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



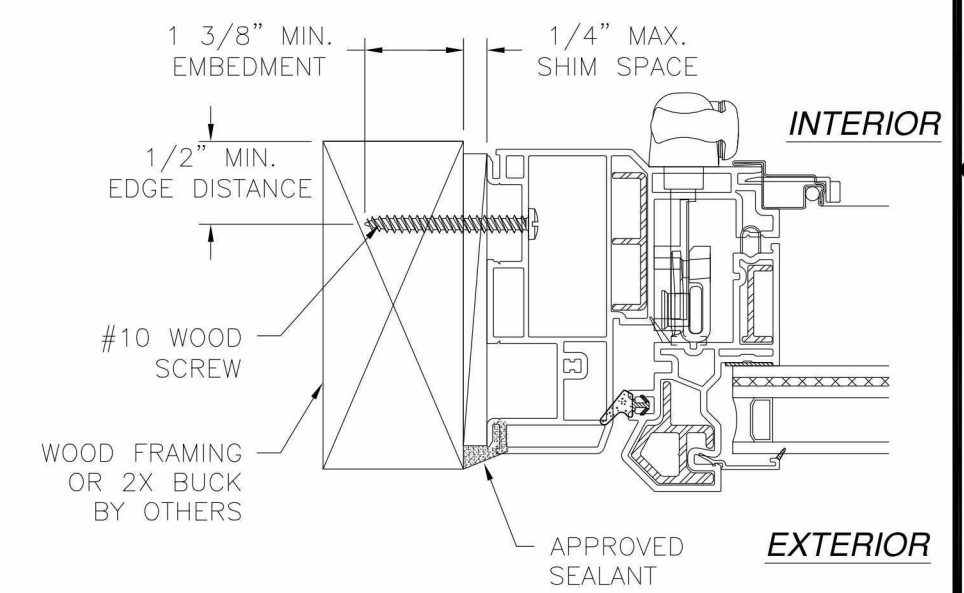
VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- 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

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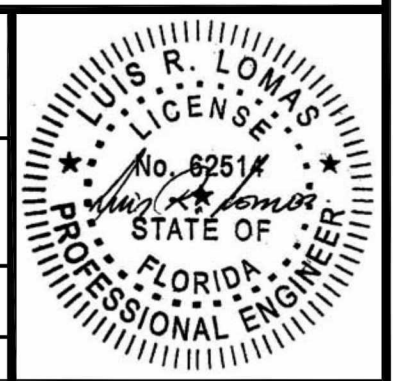
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

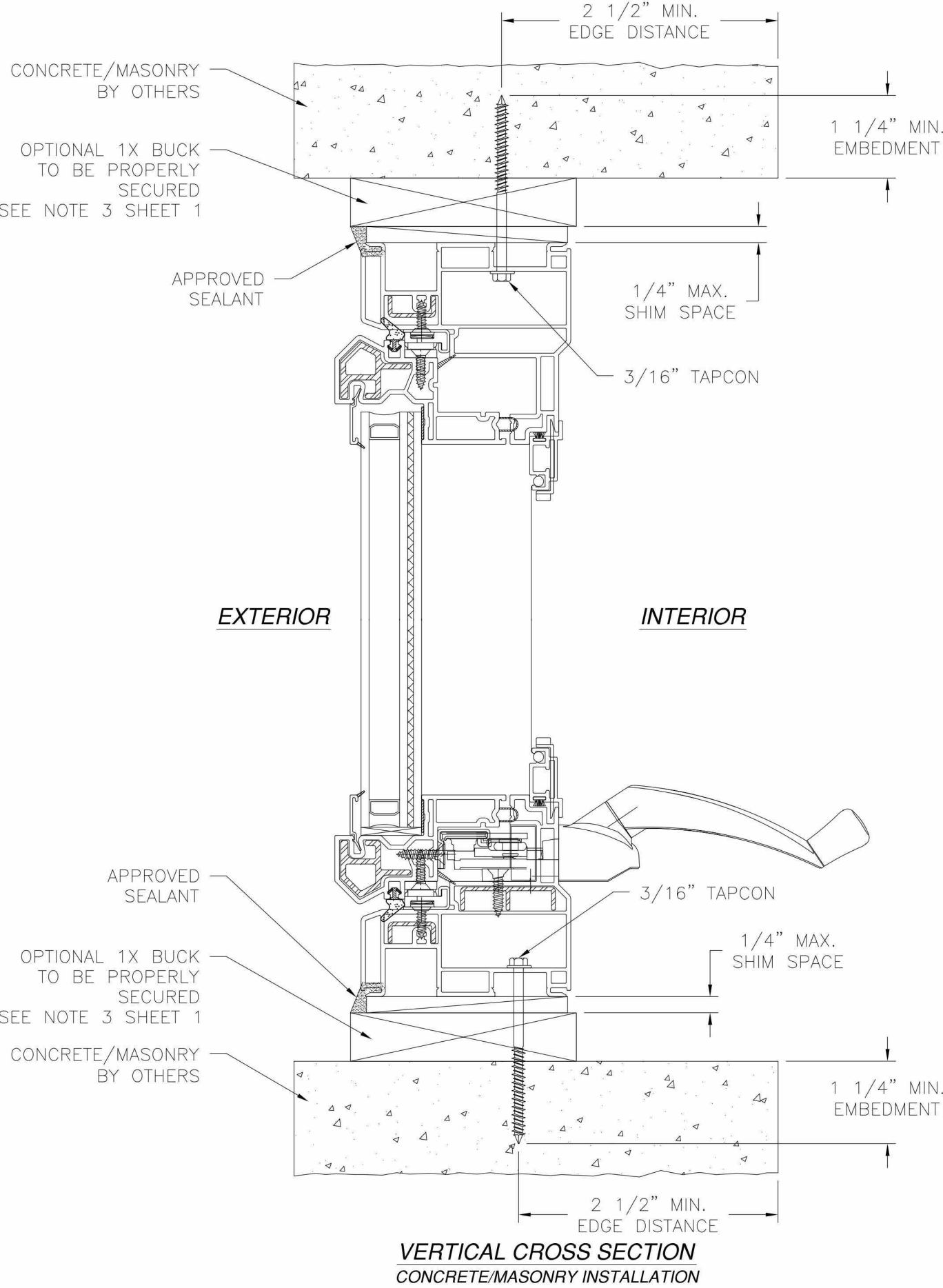


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

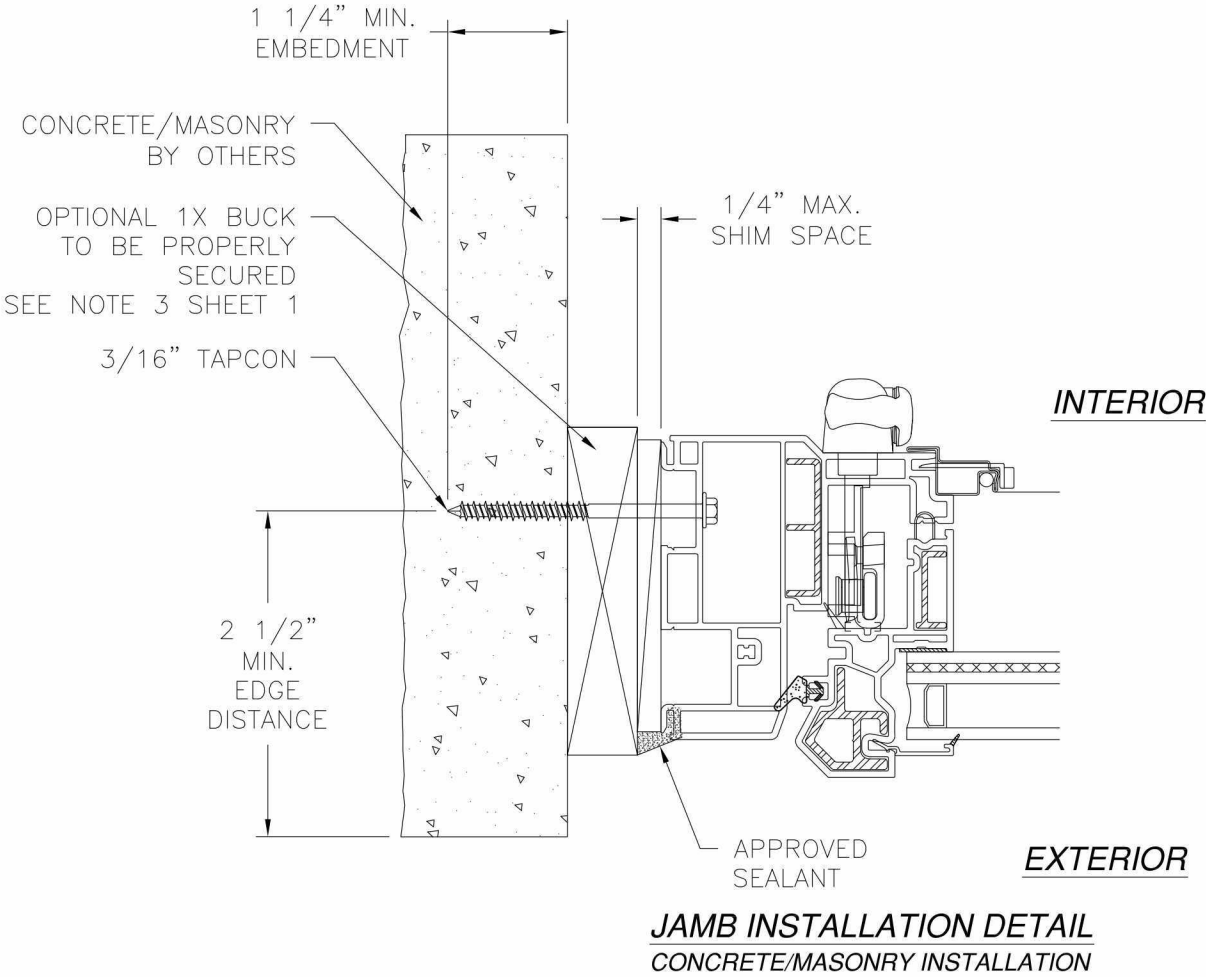
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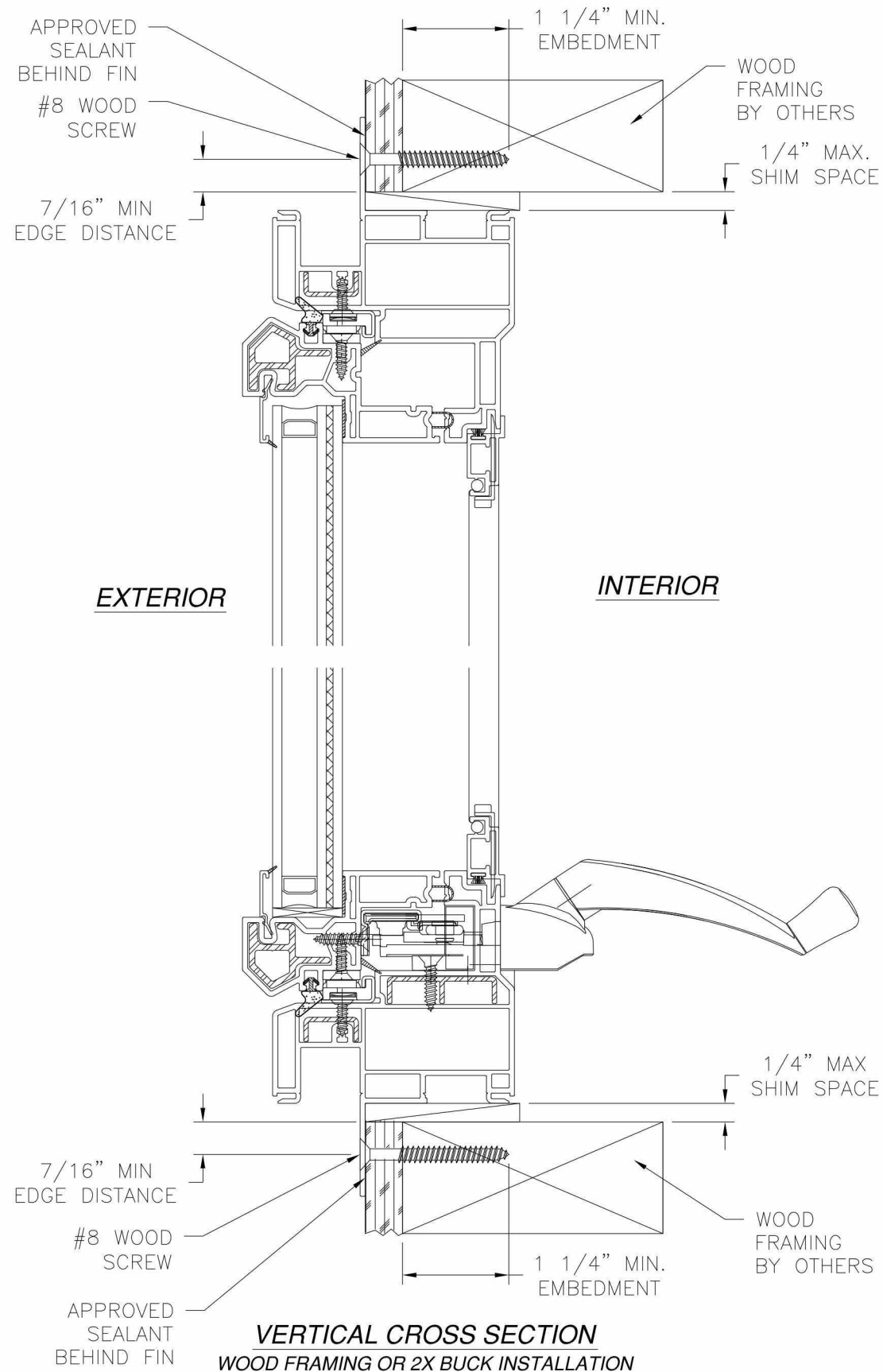


- NOTES:
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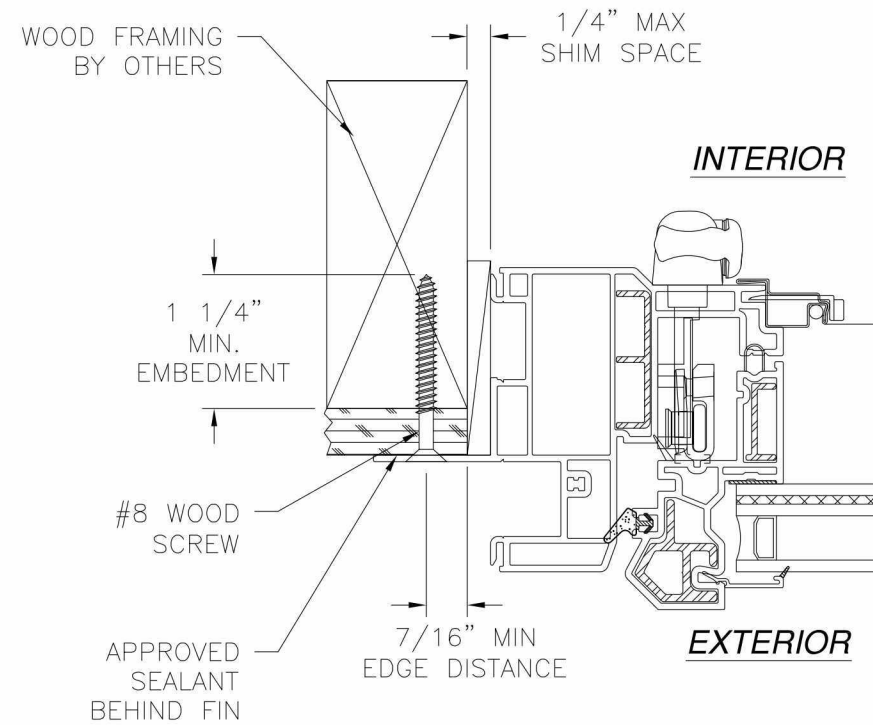
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



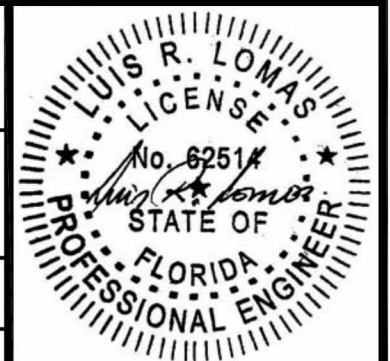
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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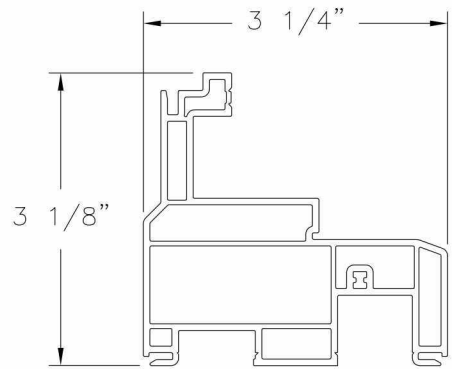
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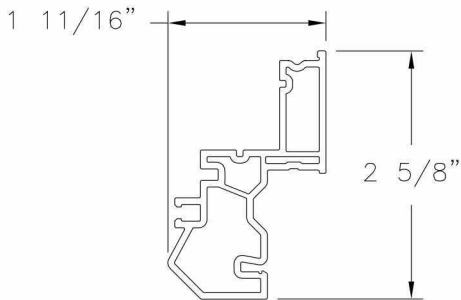
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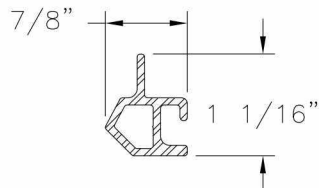
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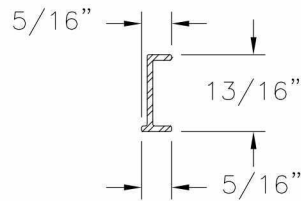
Frame
VINYL PVC .070 THICK



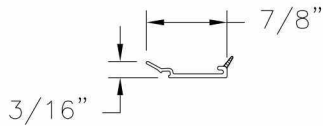
Sash
VINYL PVC .070 THICK



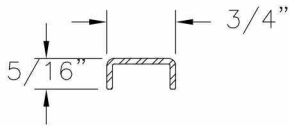
Sash Reinforcement
Aluminum 6105 T5, Anodized
.078 THICK



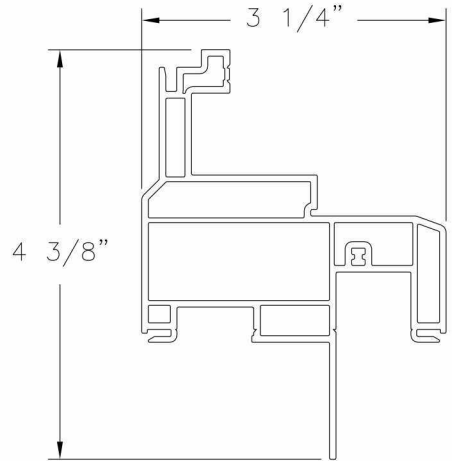
Sash Reinforcement
Aluminum 6105 T5, Anodized
.060 THICK



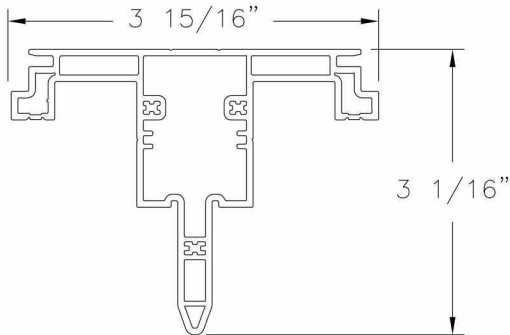
Glazing Bead
VINYL PVC .040 THICK



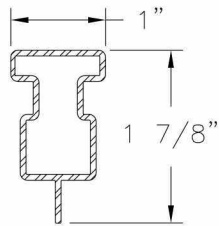
Under Hinge Reinforcement
Aluminum 6105 T5, Anodized
.060 THICK



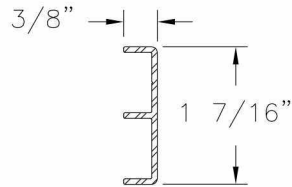
Frame (with Nail Fin)
VINYL PVC .070 THICK



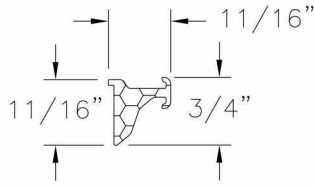
Astragal Frame
VINYL PVC .070 THICK



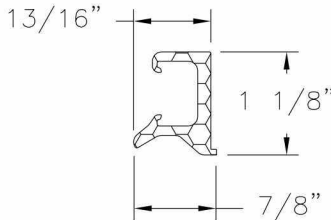
Astragal Reinforcement
Aluminum 6105 T5
.060 THICK



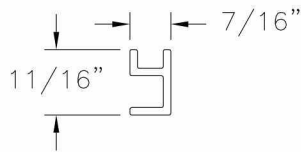
Under Operator Reinforcement
Aluminum 6105 T5
.060 THICK



Snubber - Sash
Aluminum 6105 T5
.092 THICK



Snubber - Frame
Aluminum 6105 T5, Anodized
.100 THICK



Spacer
VINYL PVC .080 THICK

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