

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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 E1300-04/09, WITH SAFETY GLAZING.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS 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 FIN INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS OR EQUIVALENT WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS OR EQUIVALENT 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 INSTALLATION 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 INSTALLATION 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 3,000 PSI.
- C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, WITH Fm=2,000PSI
- D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM

SIGNED: 05/26/2016

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VIWINCO, INC

MORGANTOWN BUSINESS PARK P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES PATIO DOOR W/VINYL SILL

OX XO – 192" X 96" – NON-IMPACT

NOTES

DRAWN:

N.G.

DWG NO.

08-02917

REV

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SCALE

NTS

DATE

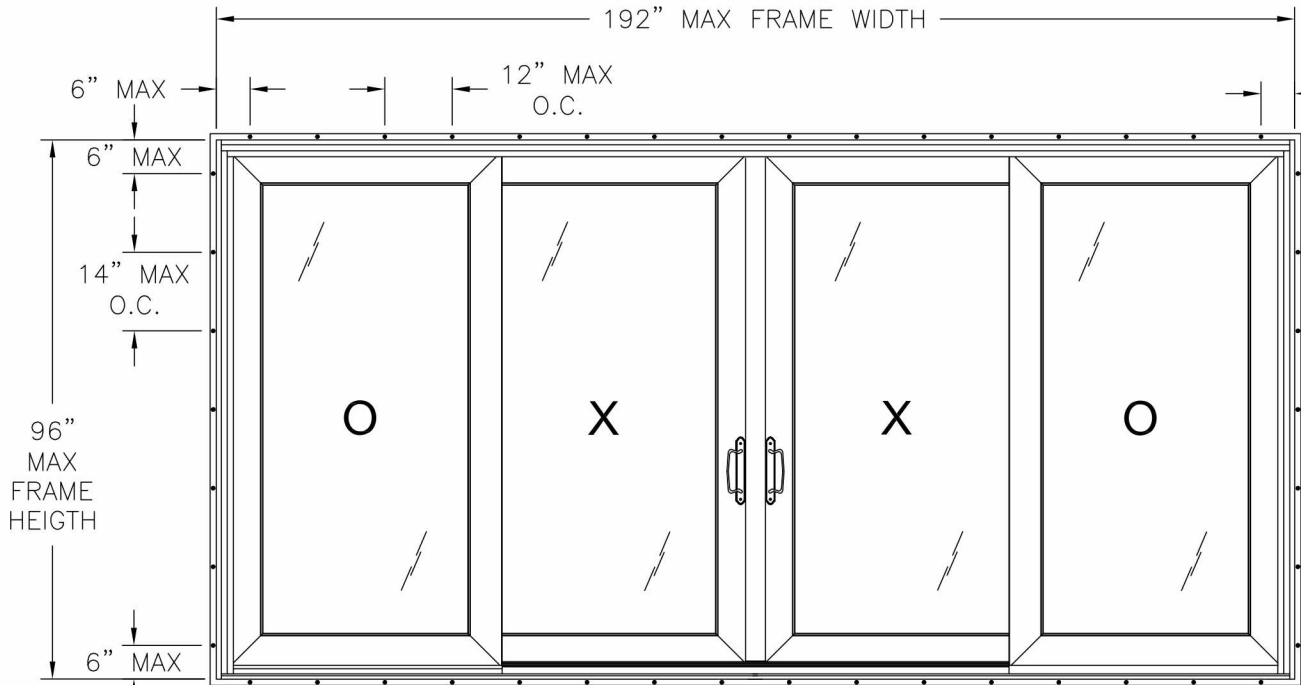
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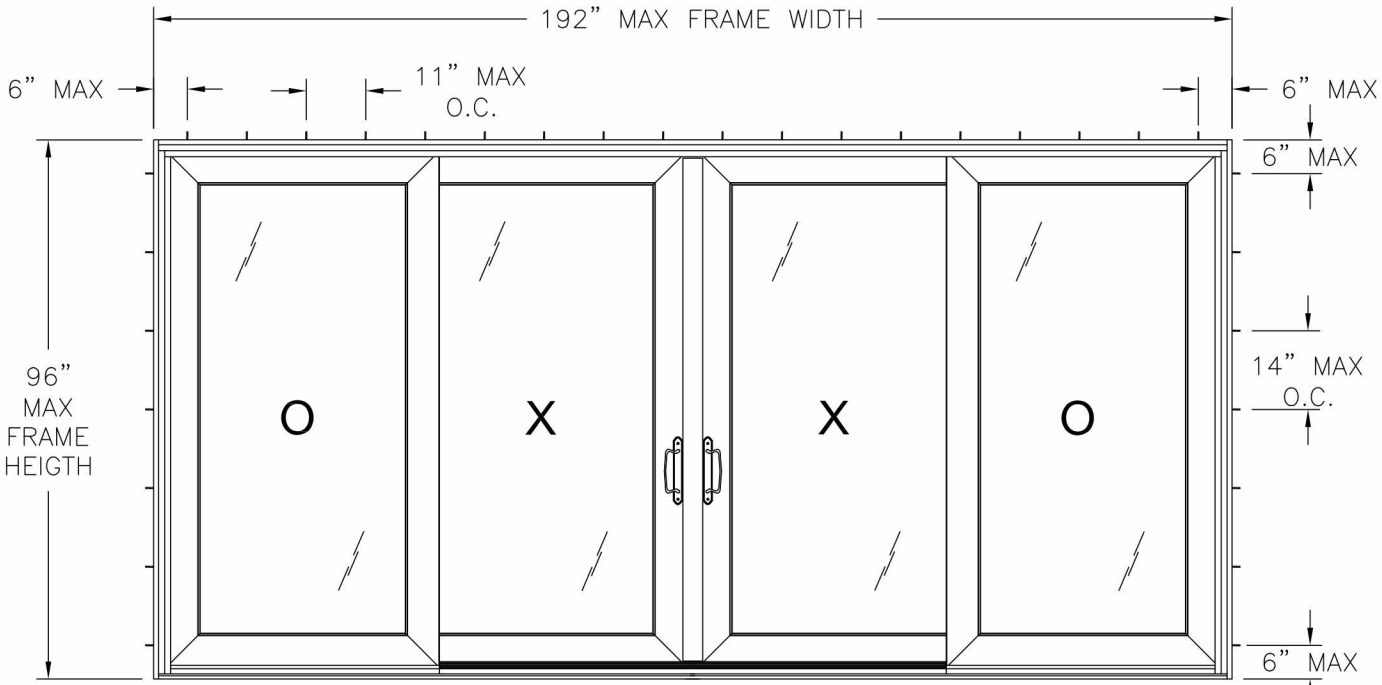
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S-SERIES PATIO DOOR W/VINYL SILL
EXTERIOR VIEW
FIN INSTALLATION



S-SERIES PATIO DOOR W/VINYL SILL
EXTERIOR VIEW
FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

- NOTES:
1. MAXIMUM PANEL: 48 15/16" X 93 1/4"
 2. MAXIMUM D.L.O.: 40 3/4" X 85"
 3. (4) 1" X 1/4" WEEP NOTCHES AT EACH CORNER OF SILL

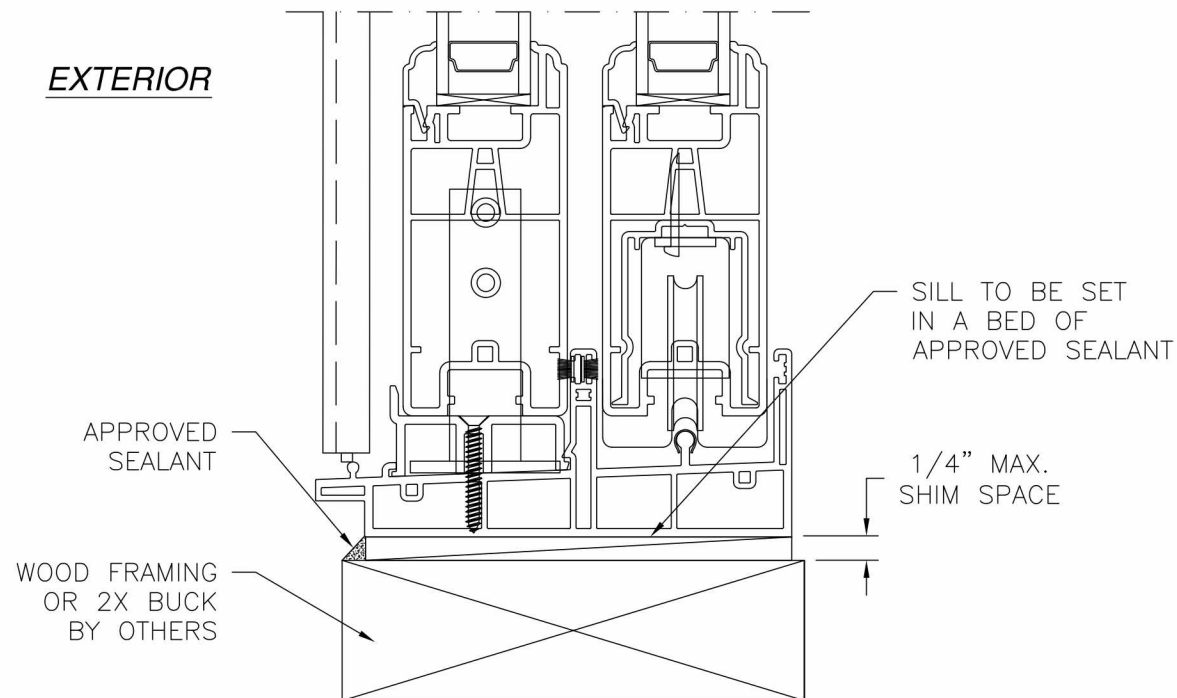
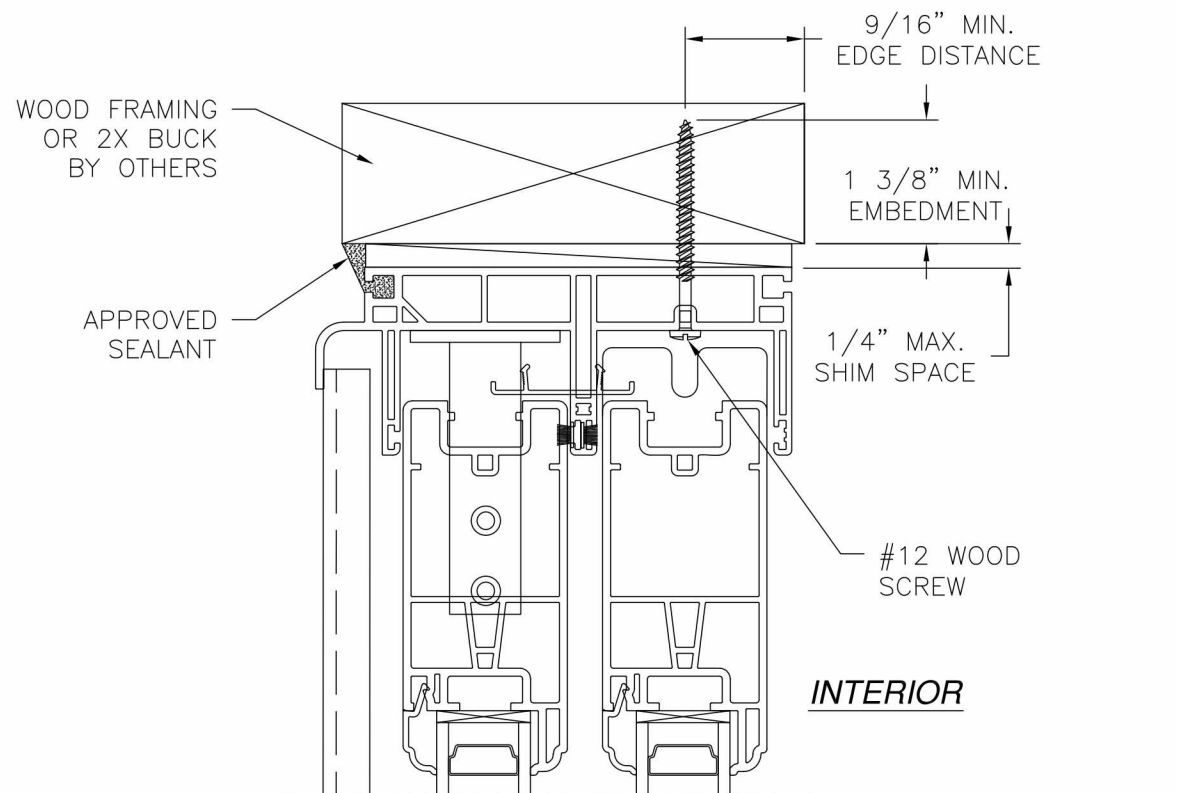
HARDWARE SCHEDULE	
A.	(4) STEEL FRONT ADJUSTABLE TANDEM ROLLER AT EACH OPERABLE BOTTOM RAIL CORNER
B.	(2) INSIDE/OUTSIDE PULL HANDLE AT LOCK STILE OF OPERABLE PANEL
C.	(1) GEMINI II LOCK W/2450 TRIMPLATE AT 38 1/4" FROM BOTTOM OF OPERABLE PANEL
D.	(1) STEEL KEEPER AT 38 1/4" FROM BOTTOM OF PANEL AT LATCH STILE
E.	(1) H SHAPED ALUMINUM REINFORCEMENT (10300151) AT EACH FIXED AND OPERABLE PANEL INTERLOCK
F.	(1) H SHAPED ALUMINUM REINFORCEMENT (10300150) AT EACH FIXED PANEL ASTRAGAL STILE

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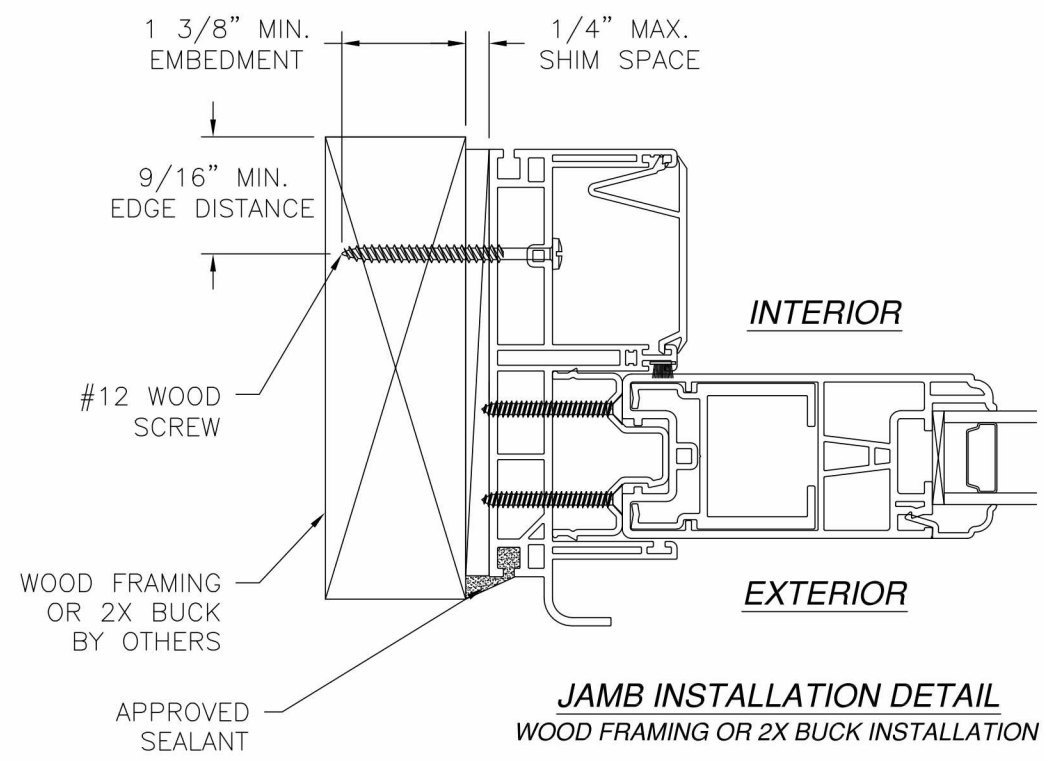


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

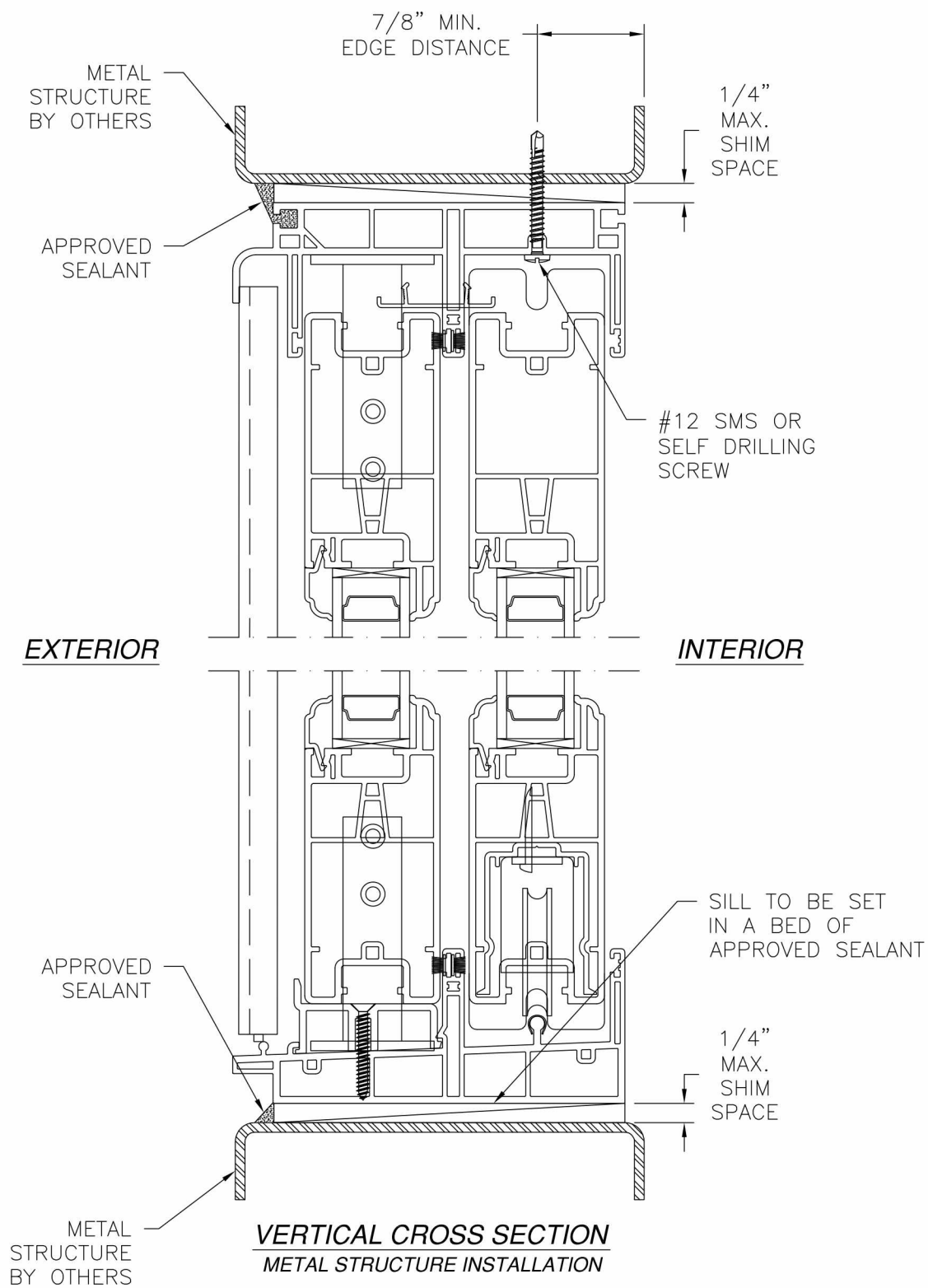


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

VIWINCO, INC MORGANTOWN BUSINESS PARK P.O. BOX 499 MORGANTOWN, PA 19543		
S-SERIES PATIO DOOR W/VINYL SILL OXXO - 192" X 96" - NON-IMPACT INSTALLATION DETAILS		
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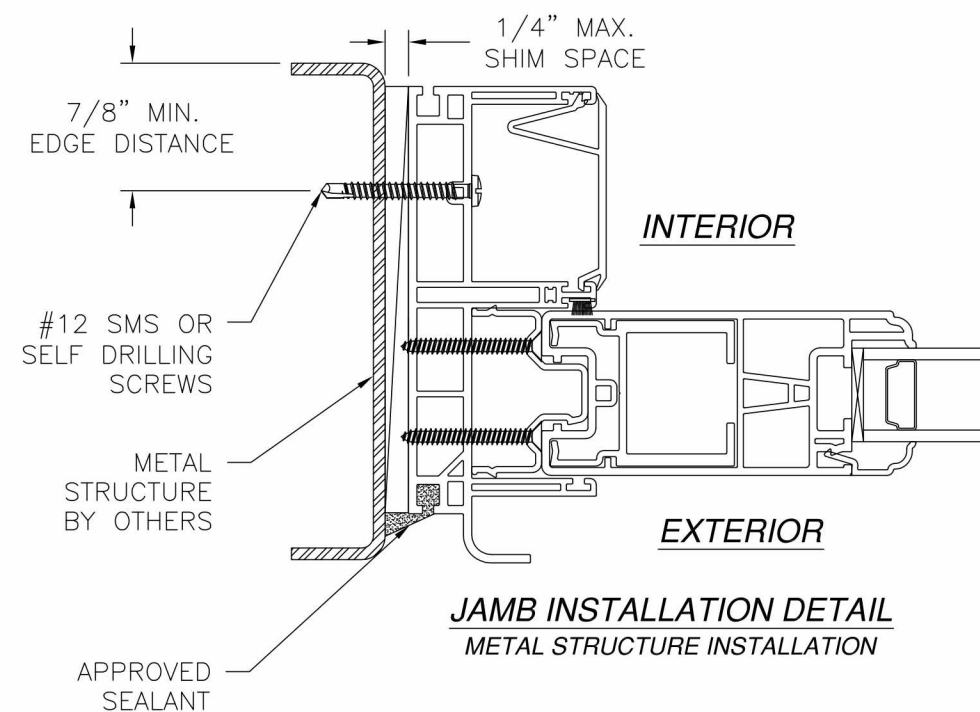
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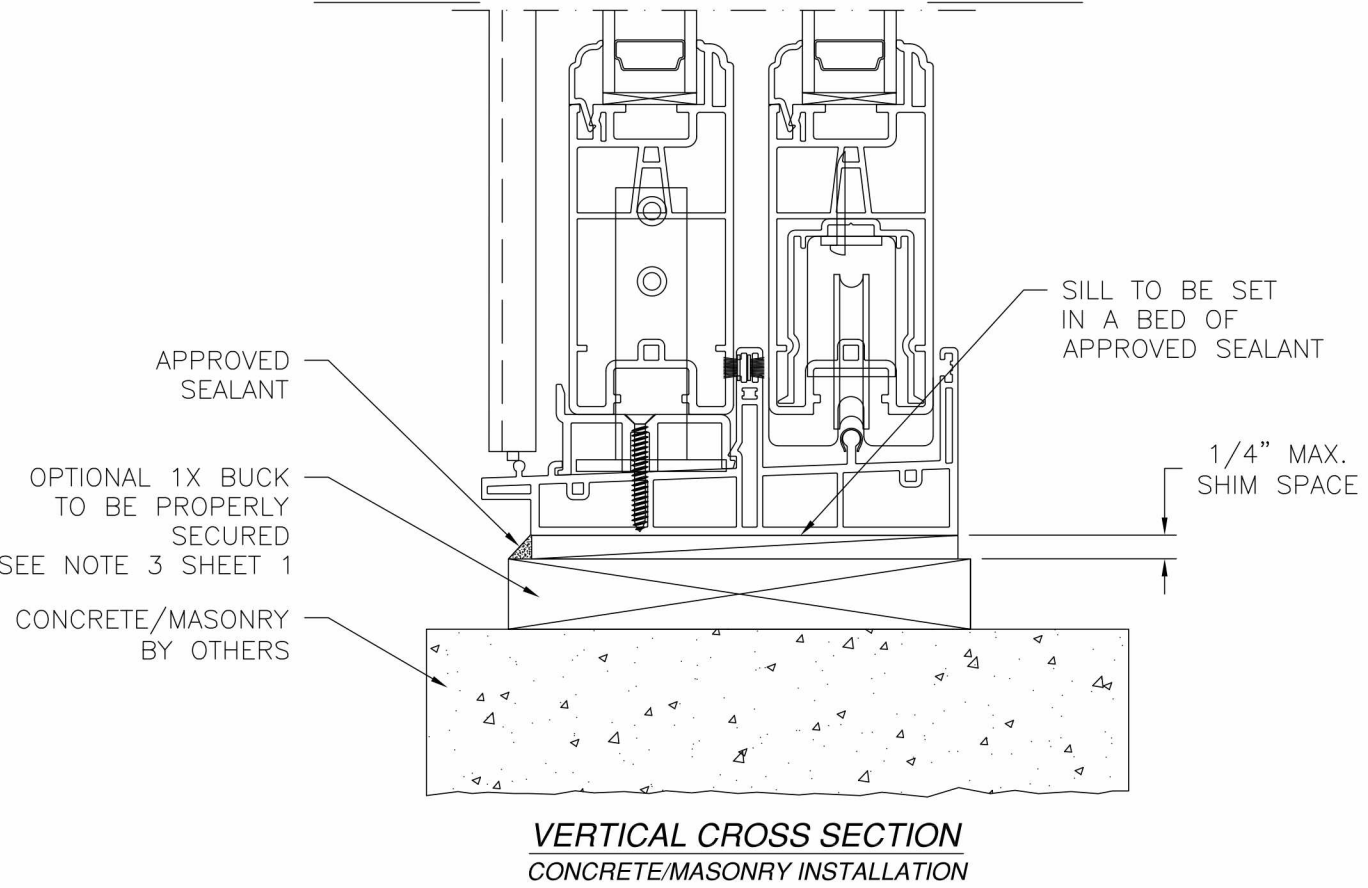
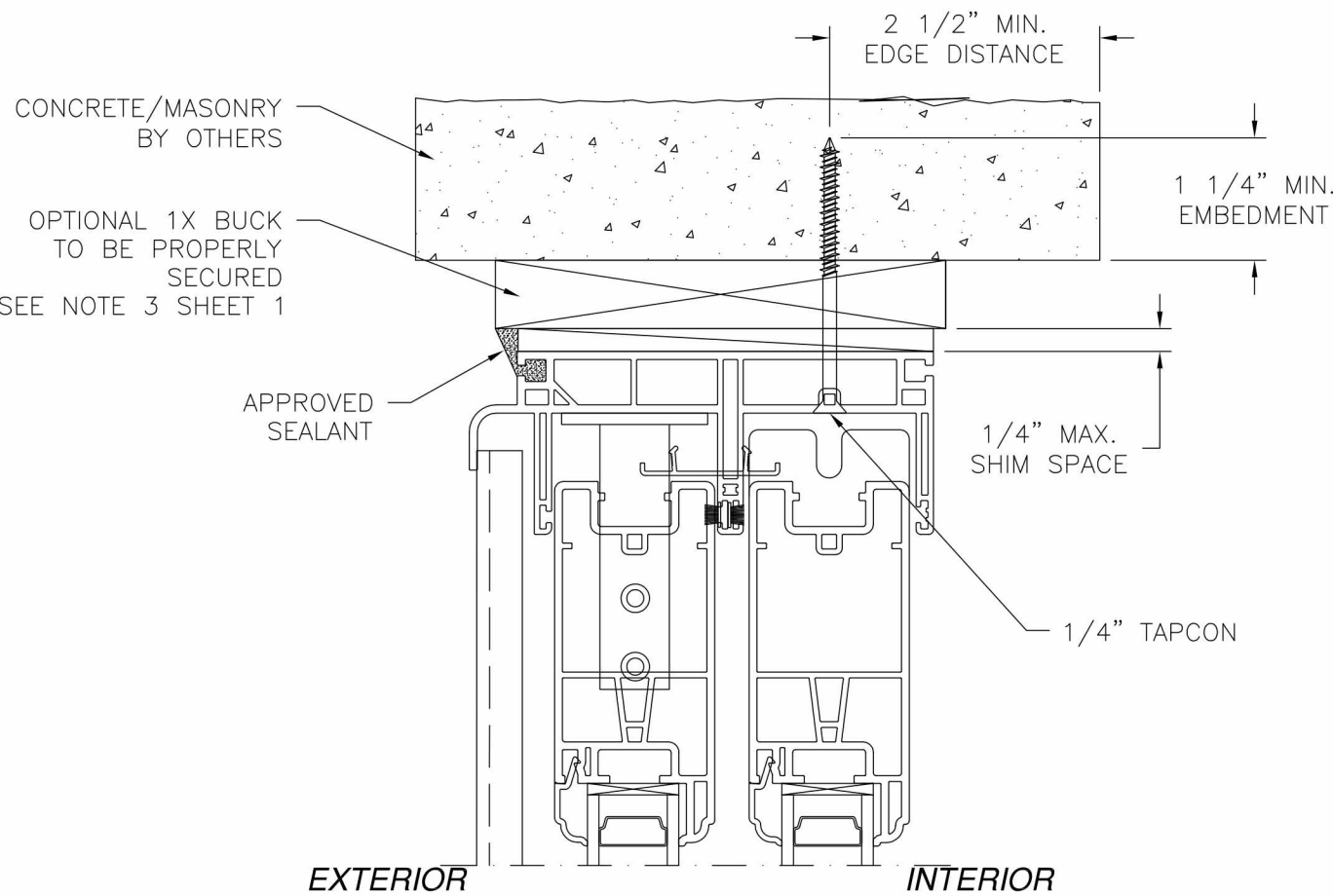
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MORGANTOWN BUSINESS PARK P.O. BOX 499
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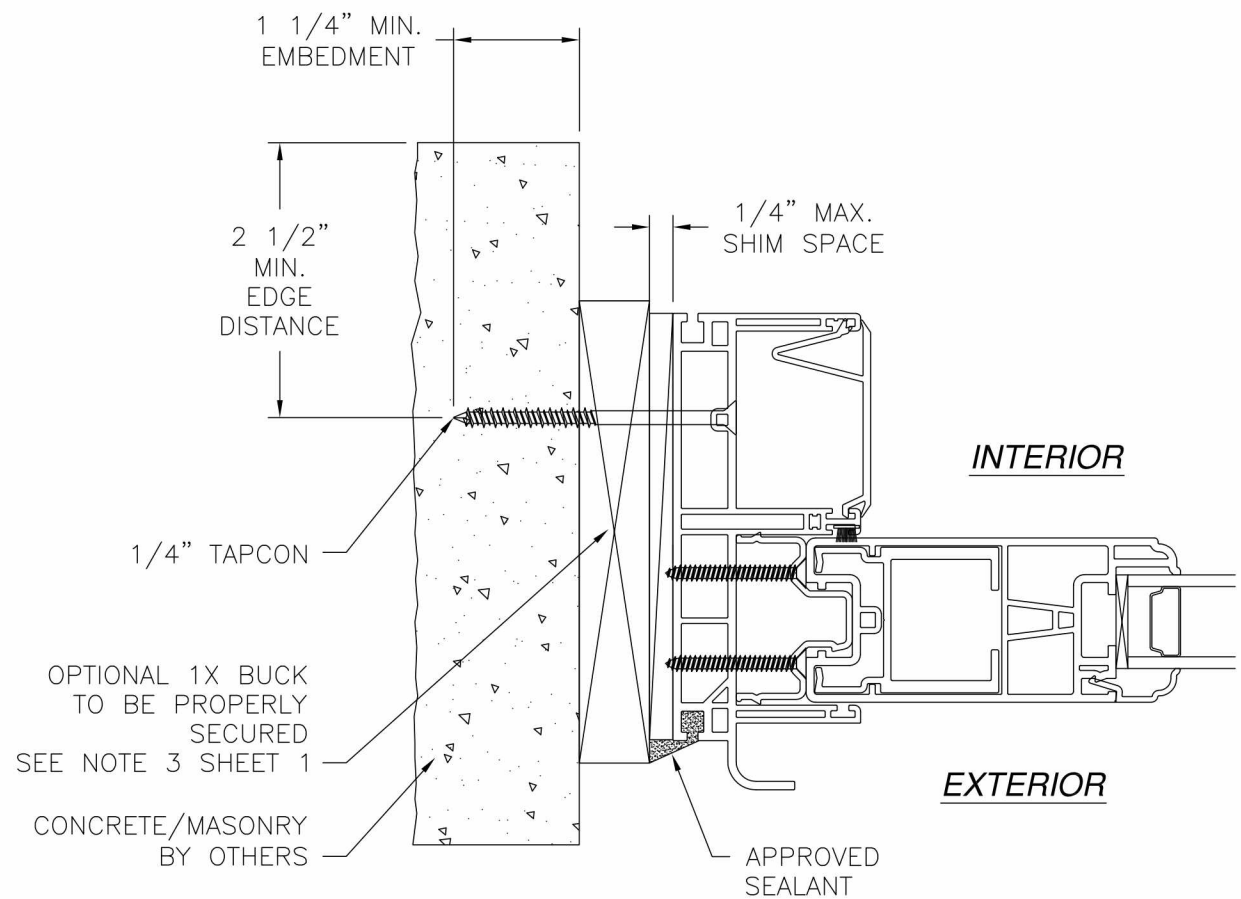
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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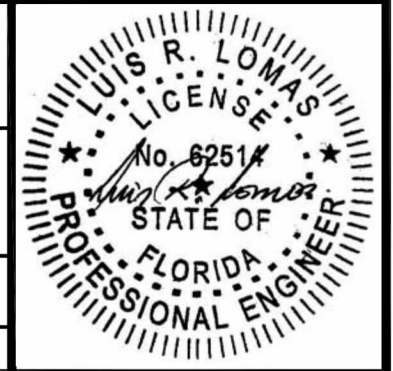


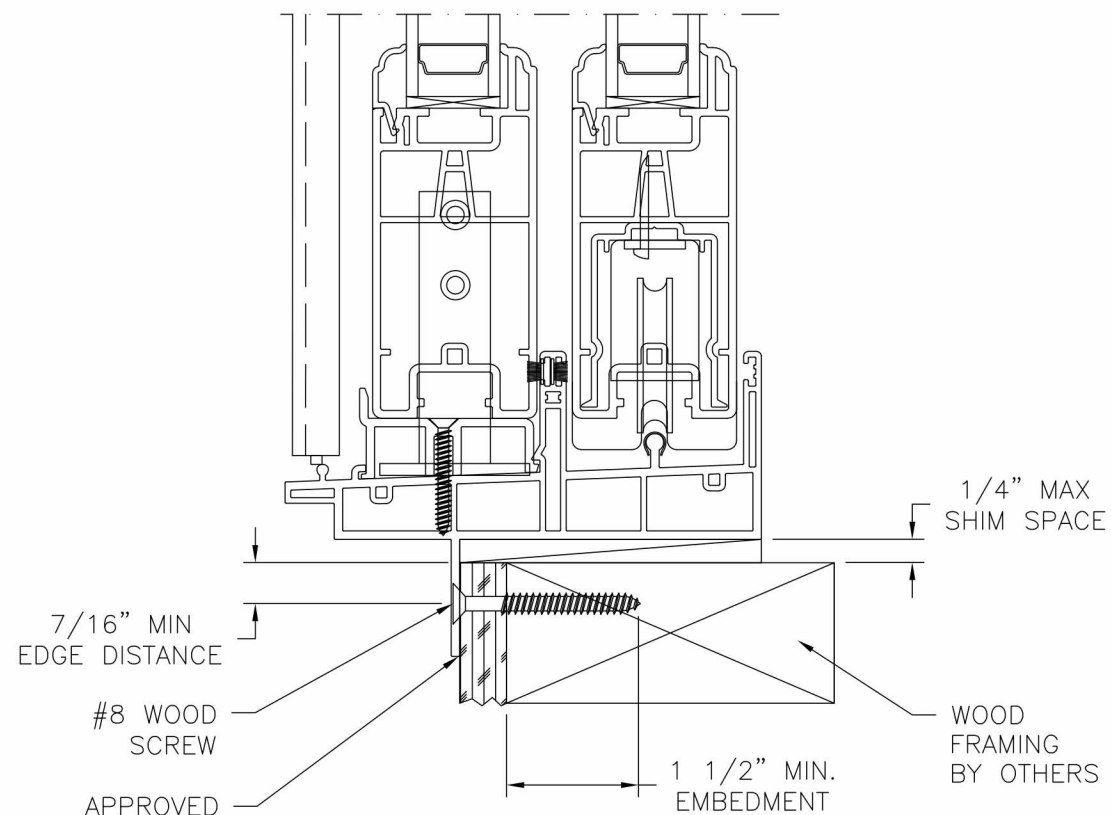
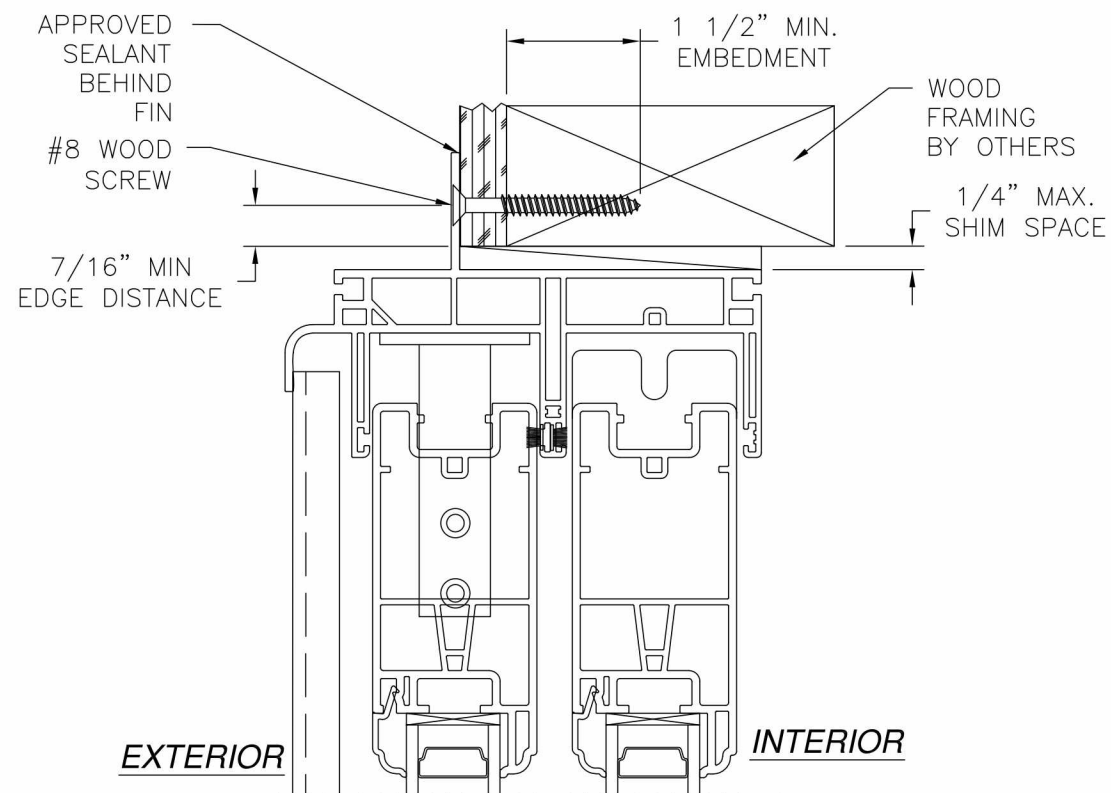
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CONCRETE/MASONRY INSTALLATION

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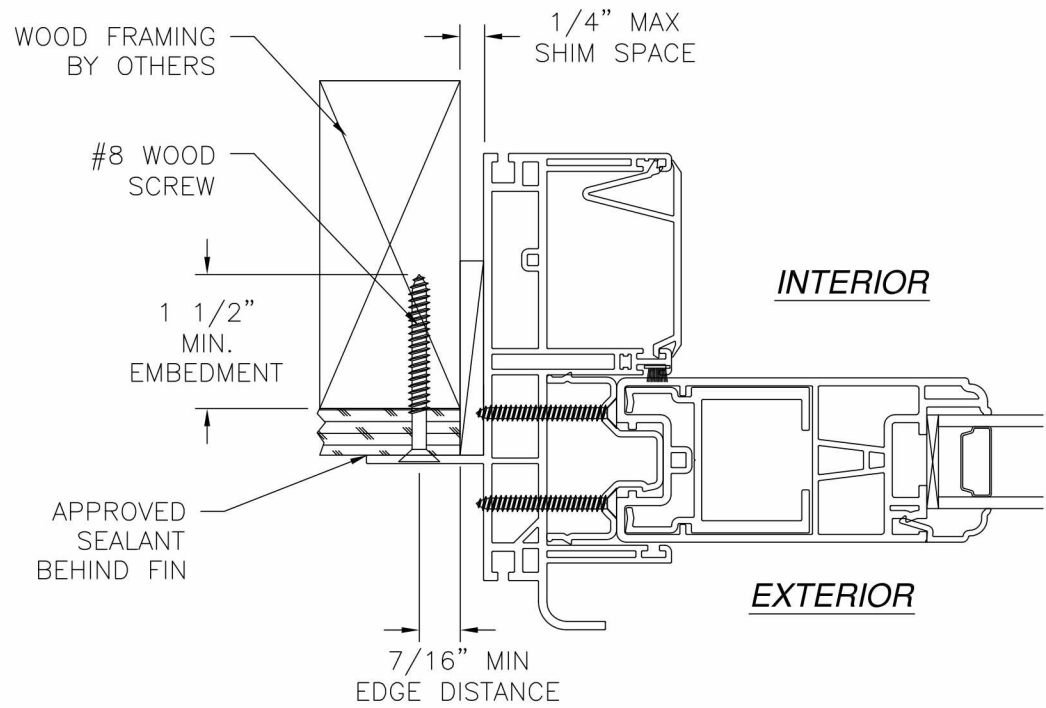
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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