

| 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.
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, WITH SAFETY GLAZING.
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 #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.
15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME 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.
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 3,000 PSI.

C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .048” THICK MINIMUM

SIGNED: 04/20/2016

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| 2                 | ELEVATIONS           |
| 3 – 6             | INSTALLATION DETAILS |

COMFORT VIEW PRODUCTS, LLC

320 COWETA INDUSTRIAL PKWY  
NEWNAN, GA 30265

1000 HP SLIDING GLASS DOOR OX  
78” X 80” – NON-IMPACT  
NOTES

DRAWN:  
N.G.

DWG NO.  
08–02897

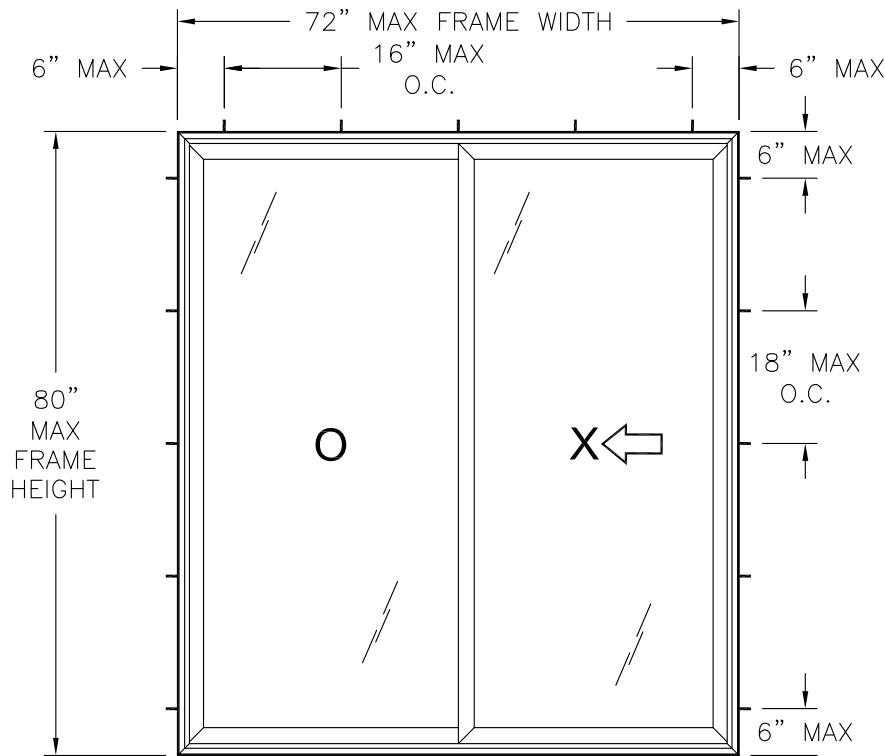
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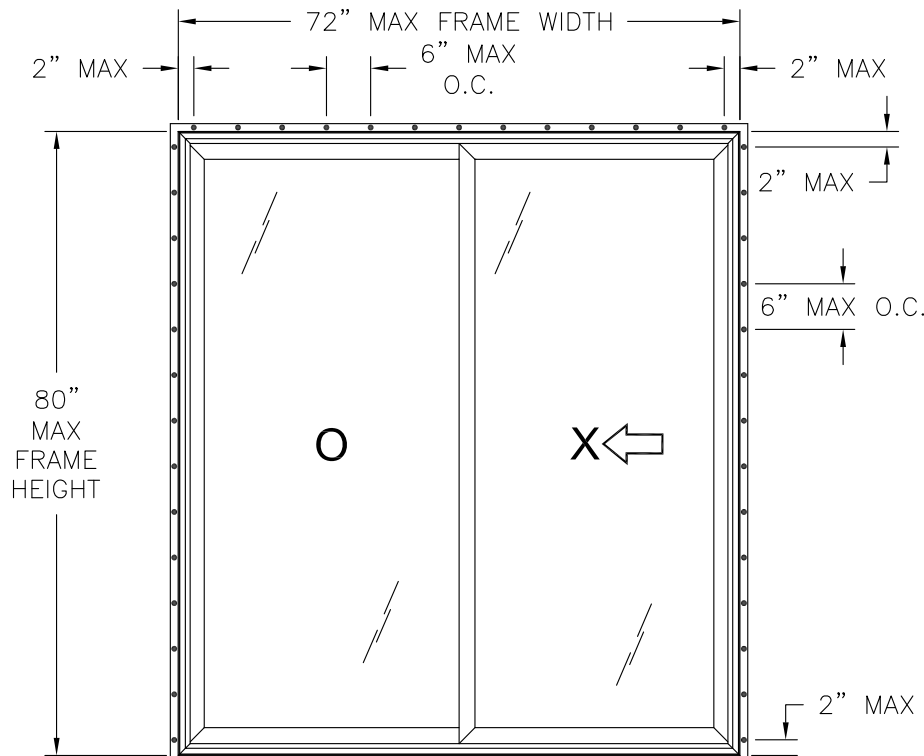
DATE 04/19/16

SHEET 1 OF 6





**SERIES 1000 HP SLIDING GLASS DOOR**  
EXTERIOR VIEW  
FRAME INSTALLATION



**SERIES 1000 HP SLIDING GLASS DOOR**  
EXTERIOR VIEW  
FIN INSTALLATION

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| ±50.0PSF               | NONE          |

NOTES:

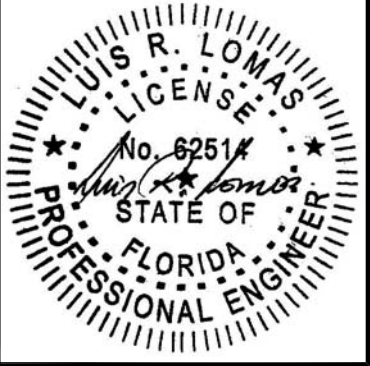
1. MAXIMUM PANEL SIZE: 36" X 76 3/4"
2. MAXIMUM D.L.O.: 31 11/16" X 72 1/8"
3. (2) 1 1/2" X 9/32" WEEPSLOT W/FLAP AT 3" FROM EACH END OF EXTERIOR FACE OF SILL
4. (2) 1/2" X 1/8" WEEPSLOT AT EACH END EXTERIOR FACE OF SILL AT SCREEN TRACK.
5. (2) 3/8" X 1/8" WEEPSLOT AT EACH END OF SILL GLAZING BEAD GROOVE.
6. (2) 1" X 1/8" AT WEEPSLOT AT EACH END OF SILL GLAZING POCKET.
7. (2) 1" X 3/16" AT EACH END OF INTERIOR SILL TRACK.
8. (2) 3/16" DIAMETER WEEPHOLE AT EACH END OF SILL EQUAL LEG ADAPTER GLAZING POCKET.
9. (2) 3/16" DIAMETER WEEPHOLE AT EACH END OF BOTTOM RAIL GLAZING POCKET.

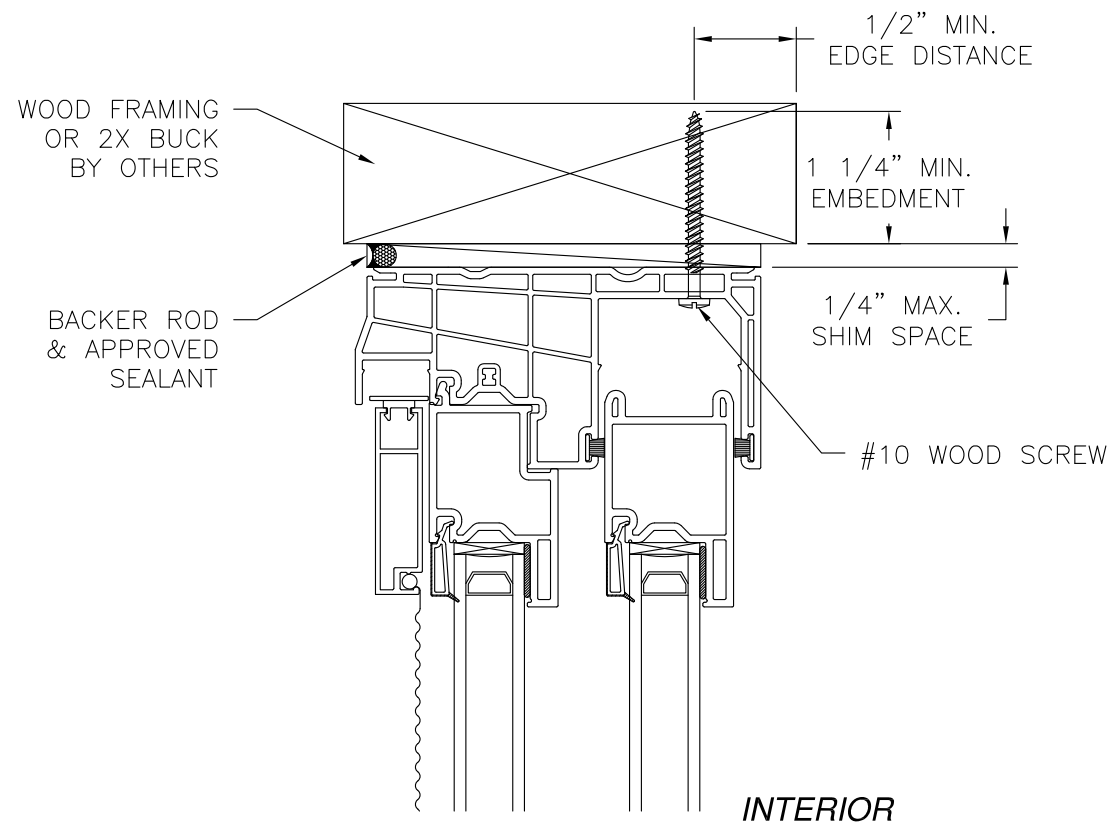
| HARDWARE SCHEDULE |                                                                      |
|-------------------|----------------------------------------------------------------------|
| A.                | (1) LOCK HANDLE ASSEMBLY AT LOCK STILE 35 1/2" FROM BOTTOM           |
| B.                | (2) DUAL STEEL ADJUSTABLE ROLLER ASSEMBLY AT EACH END OF BOTTOM RAIL |
| C.                | ROLL-FORMED STEEL REINFORCEMENT (A6617-C) AT JAMB & MEETING STILES   |
| D.                | STEEL CHANNEL REINFORCEMENT (C111218) AT MEETING STILES              |

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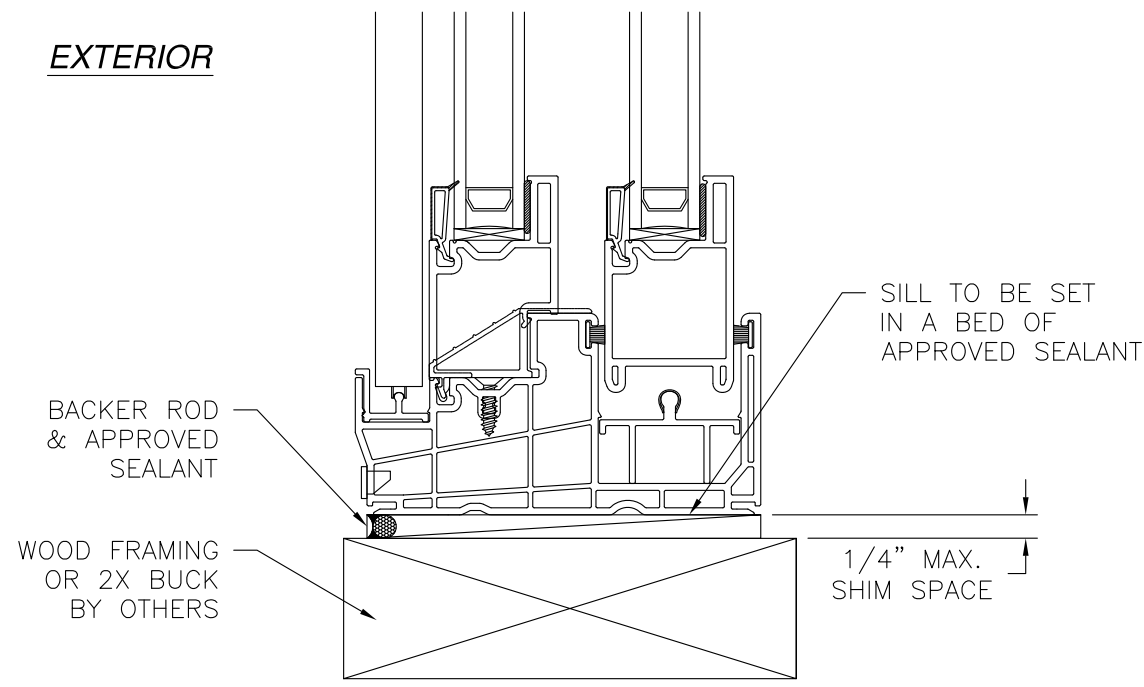
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| COMFORT VIEW PRODUCTS, LLC<br>320 COWETA INDUSTRIAL PKWY<br>NEWNAN, GA 30265 |                     |              |
| 1000 HP SLIDING GLASS DOOR OX<br>78" X 80" – NON-IMPACT<br>ELEVATIONS        |                     |              |
| DRAWN:<br>N.G.                                                               | DWG NO.<br>08-02897 | REV<br>—     |
| SCALE NTS                                                                    | DATE 04/19/16       | SHEET 2 OF 6 |

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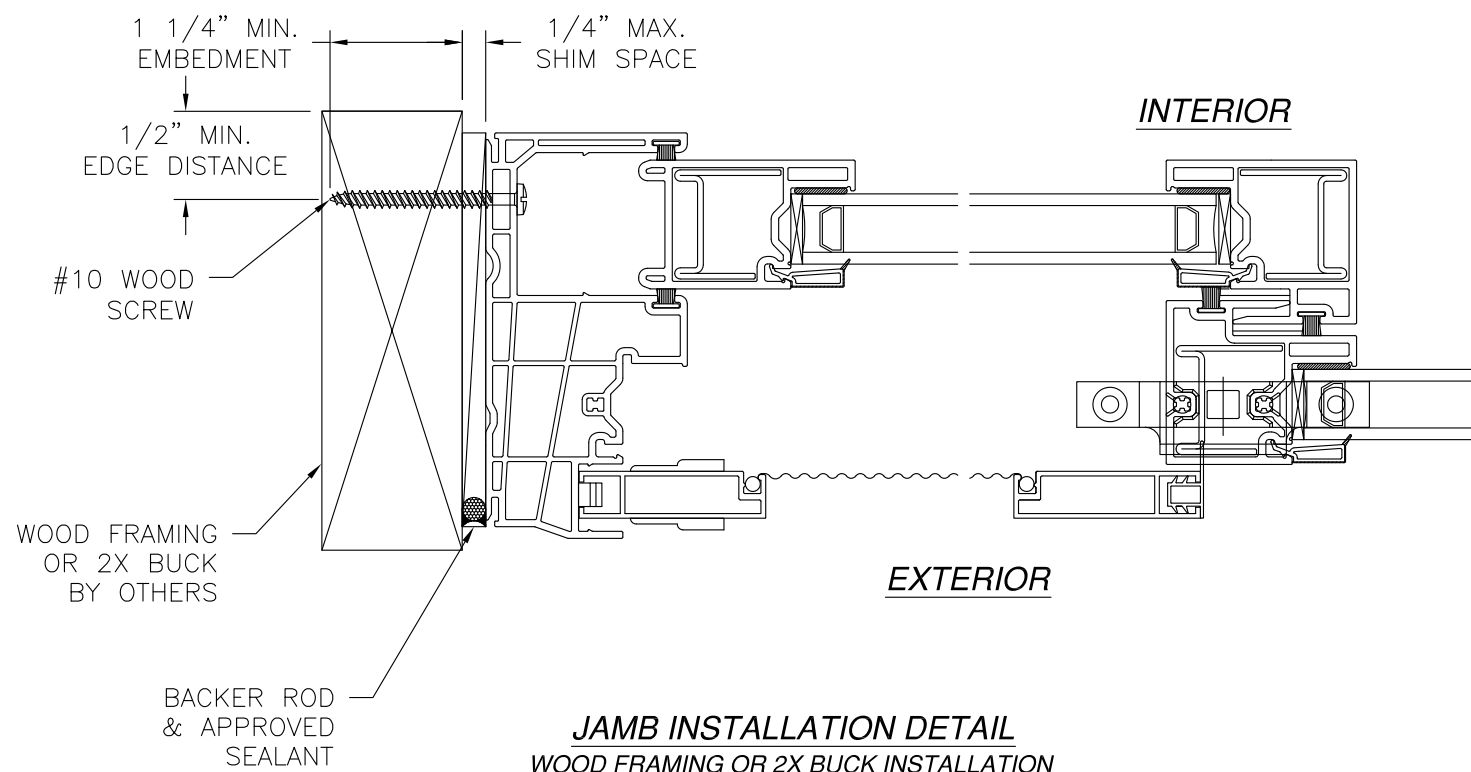




EXTERIOR



**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

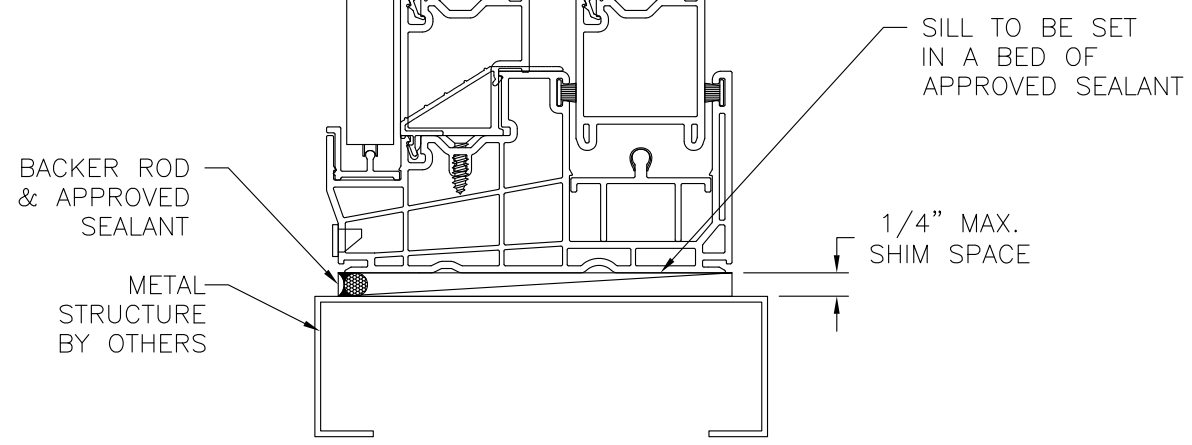
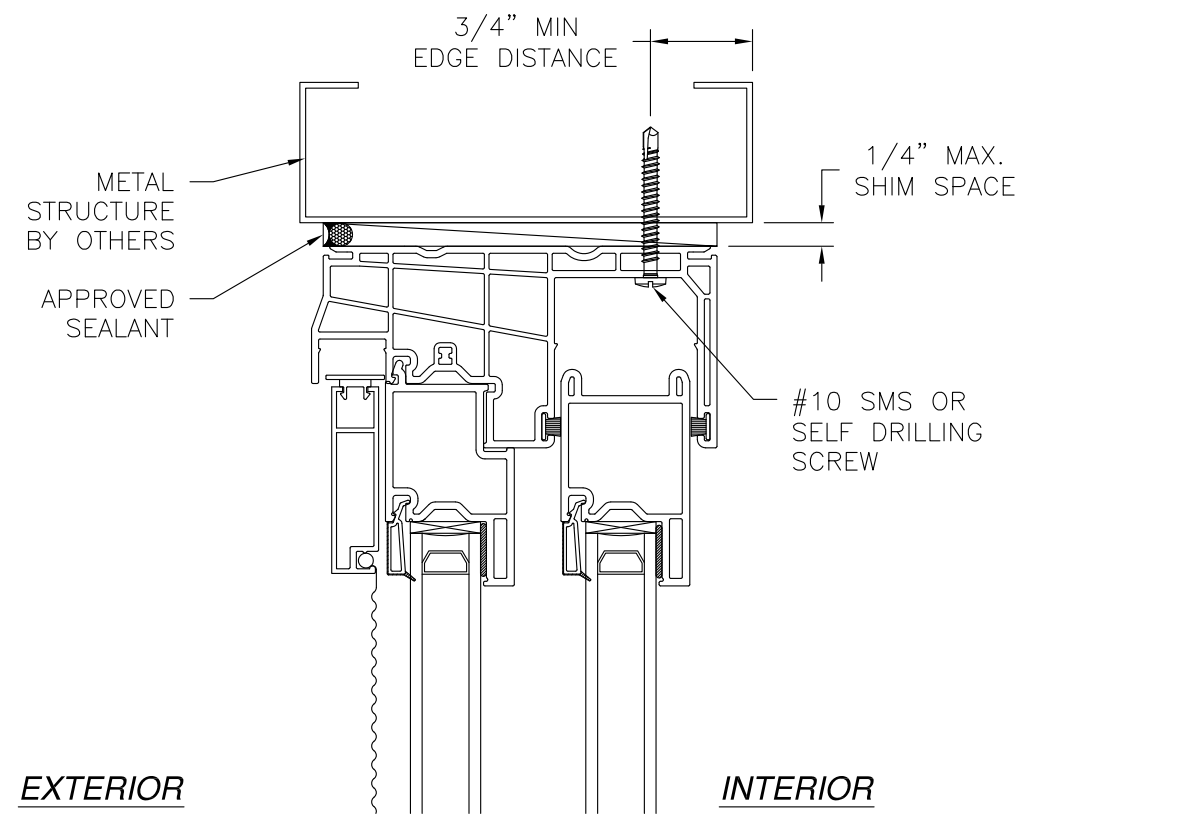
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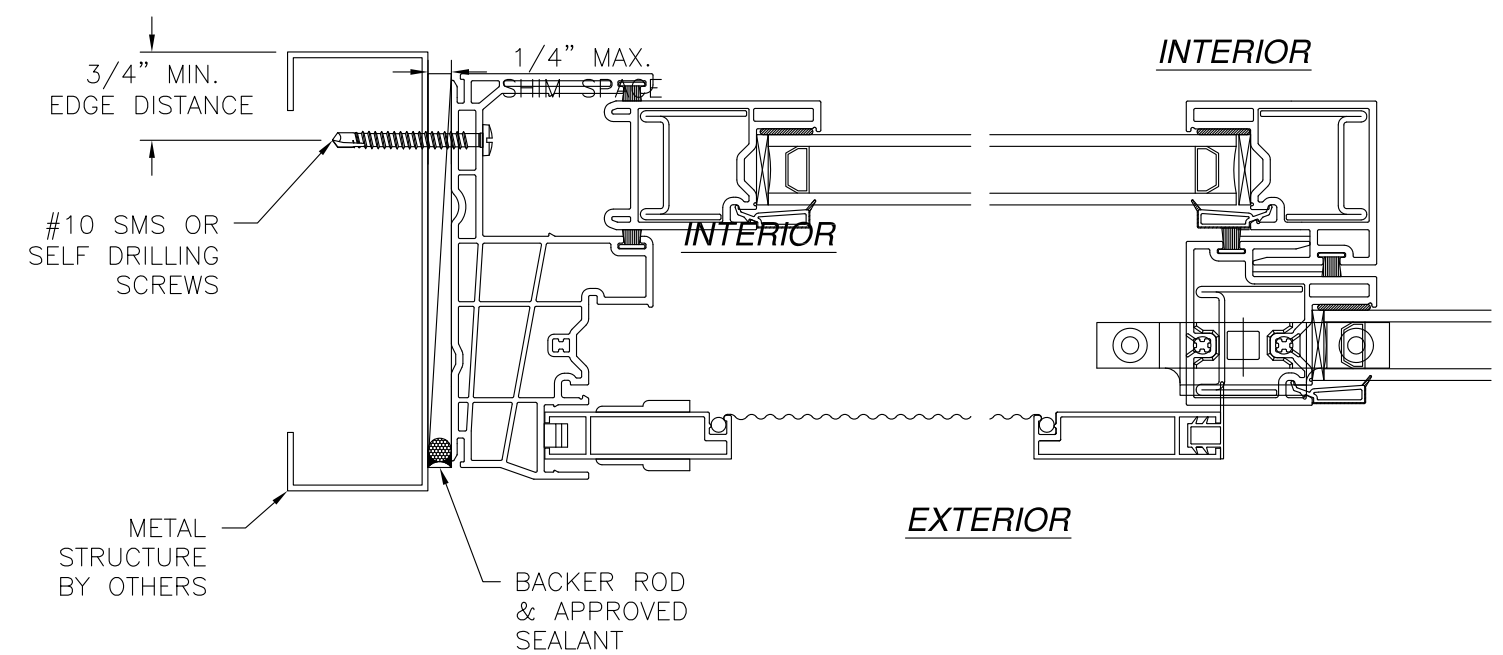
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| 1000 HP SLIDING GLASS DOOR OX<br>78" X 80" - NON-IMPACT<br>INSTALLATION DETAILS |                     |              |
| DRAWN:<br>N.G.                                                                  | DWG NO.<br>08-02897 | REV<br>-     |
| SCALE NTS                                                                       | DATE 04/19/16       | SHEET 3 OF 6 |

LUIS R. LOMAS  
LICENSE  
No. 62514  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

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**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

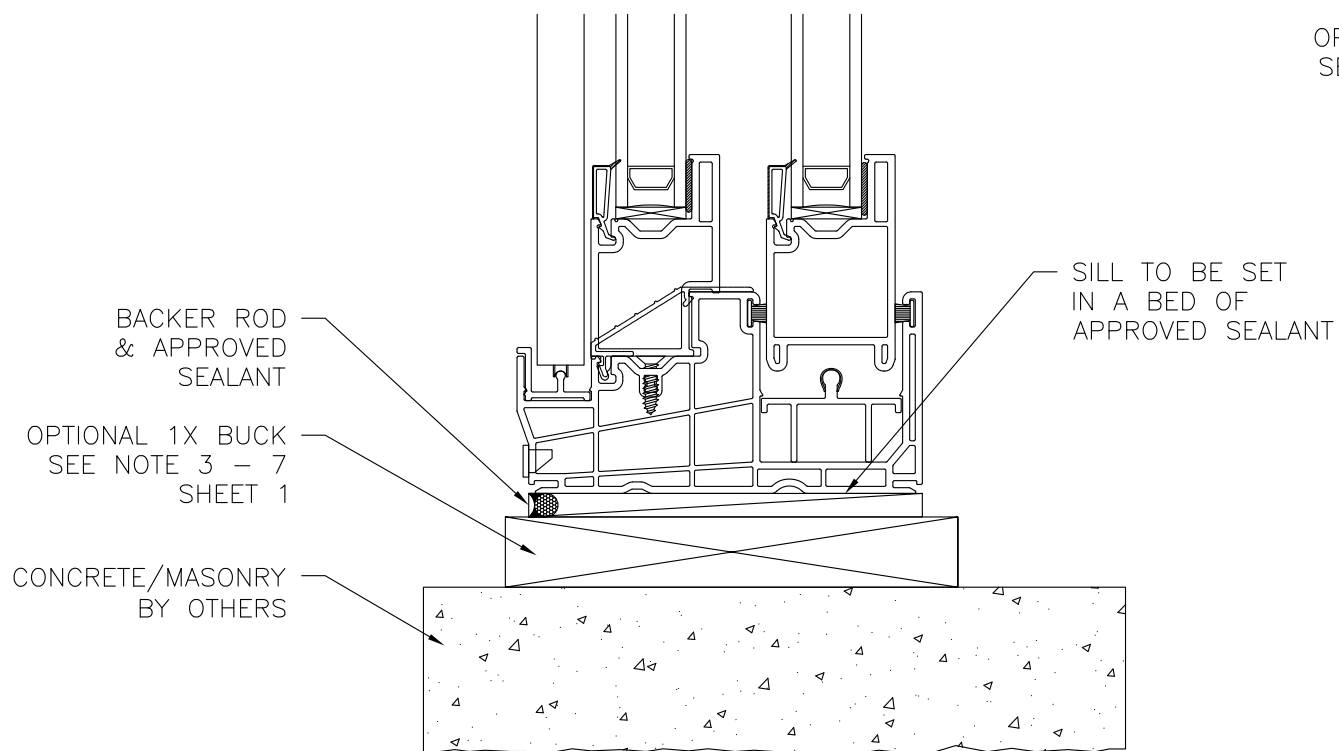
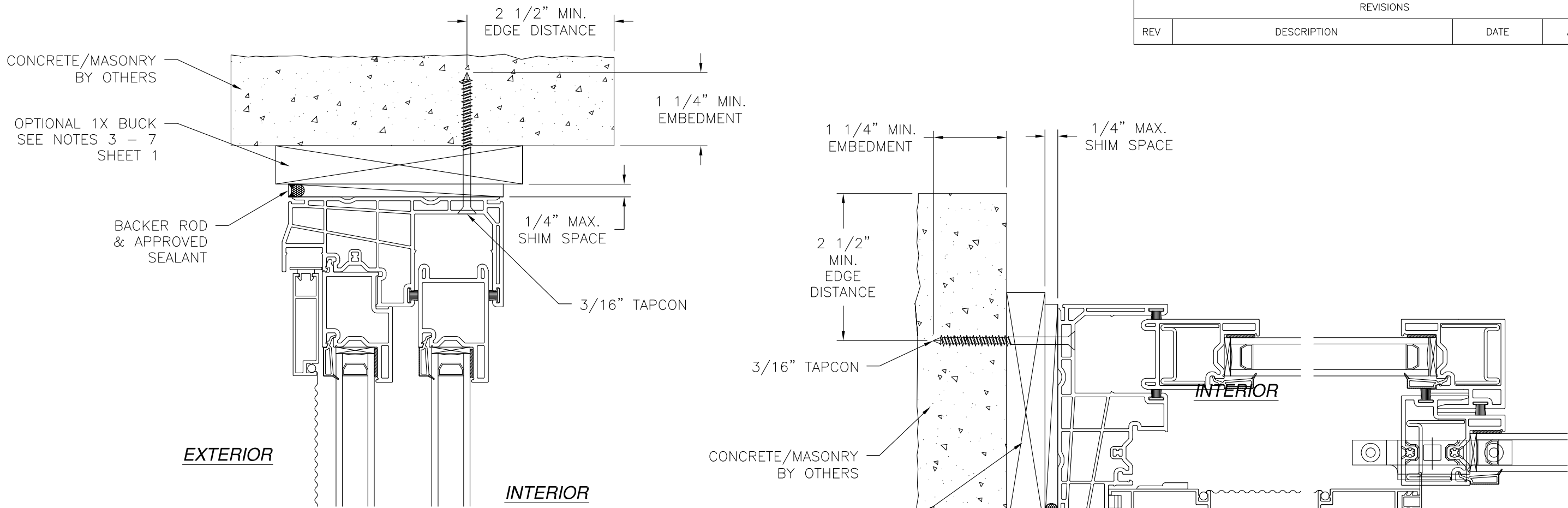
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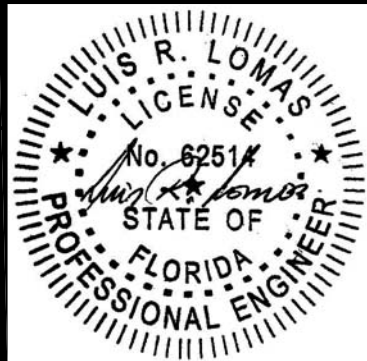
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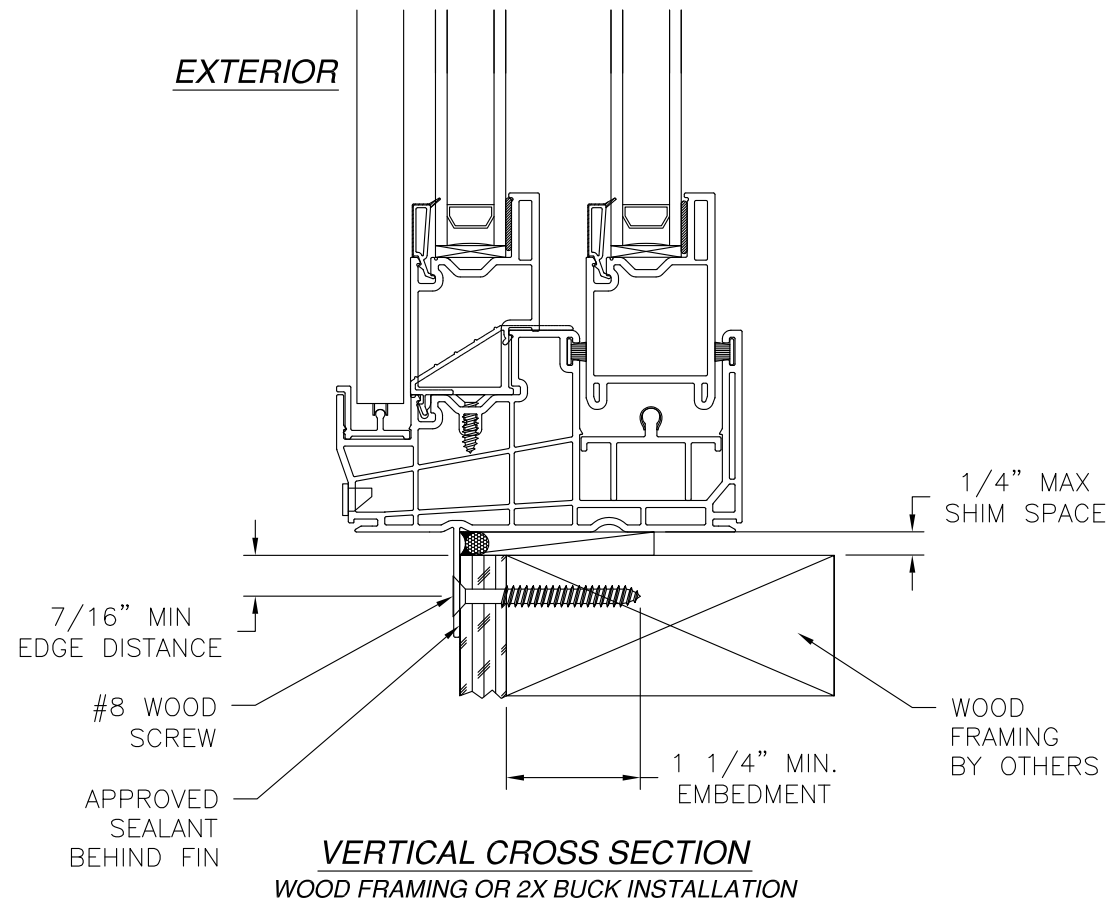
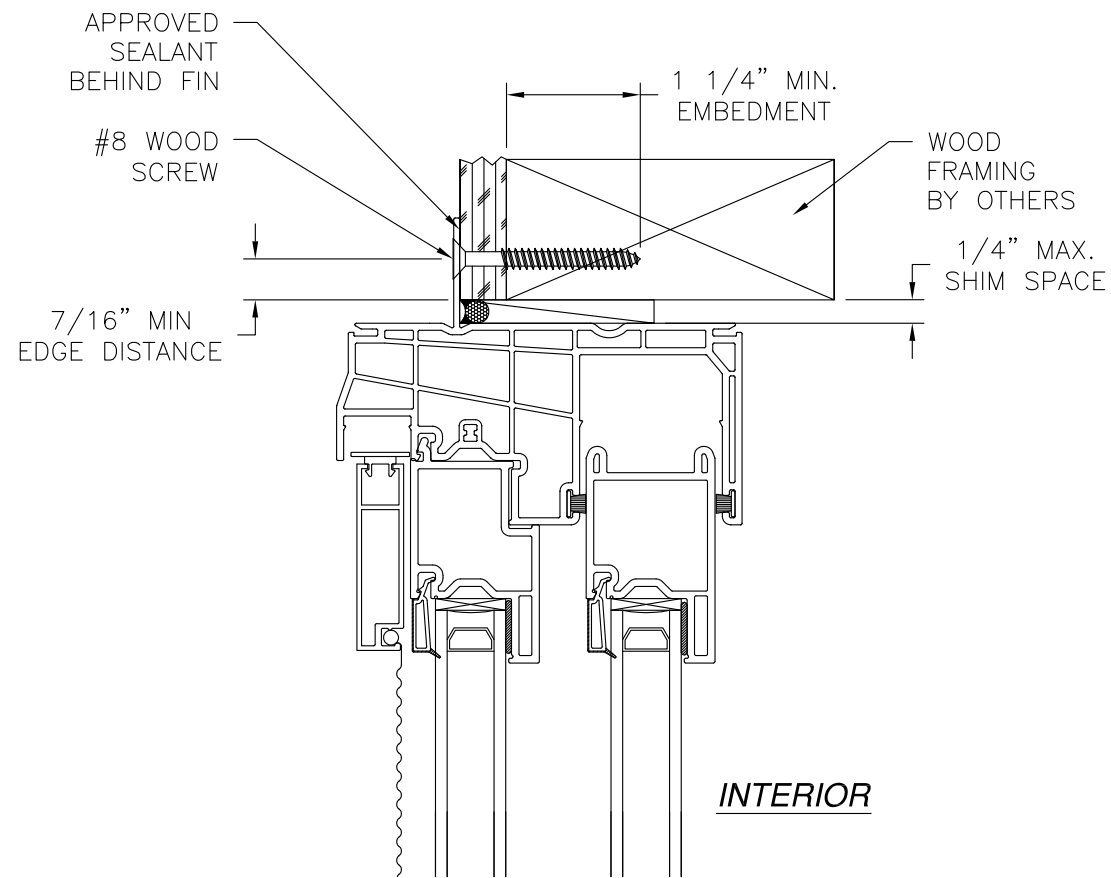


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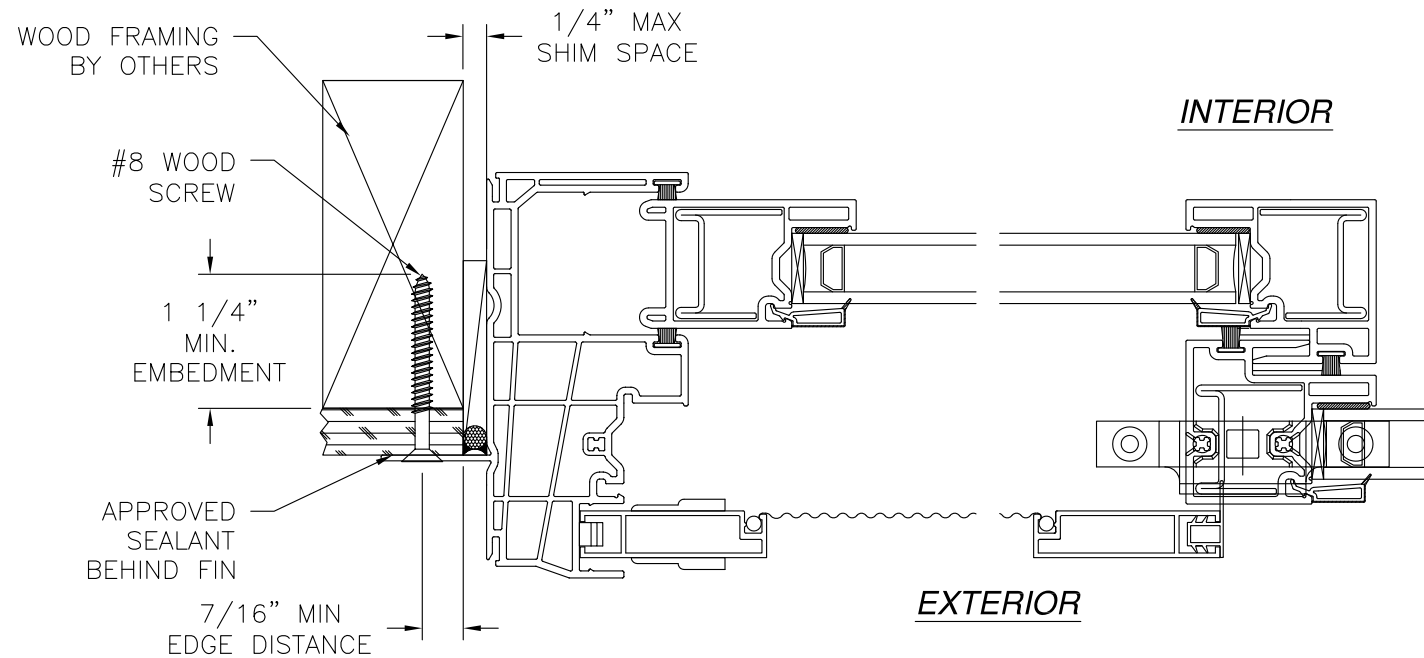
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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK INSTALLATION

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|                |                     |                 |
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| SCALE<br>NTS   | DATE<br>04/19/16    | SHEET<br>6 OF 6 |

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