

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, 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

| TABLE OF CONTENTS |                      |
|-------------------|----------------------|
| SHEET NO.         | DESCRIPTION          |
| 1                 | NOTES                |
| 2                 | ELEVATIONS           |
| 3 – 6             | INSTALLATION DETAILS |

REVISIONS

| REV | DESCRIPTION | DATE |
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VIVINCO, INC.

MORGANTOWN BUSINESS PARK, P.O. BOX 499

MORGANTOWN, PA 19543

S-SERIES PATIO DOOR W/VINYL SILL

OXXO – 192" X 96" – NON-IMPACT

NOTES

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIANLANTIC, FL 32903

434-688-0609 rilomas@rlomaspe.com

DWG NO.

08-02917

SHEET

1 OF 6

SCALE

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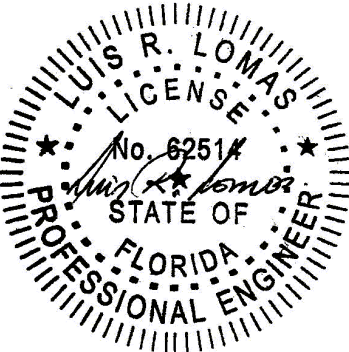
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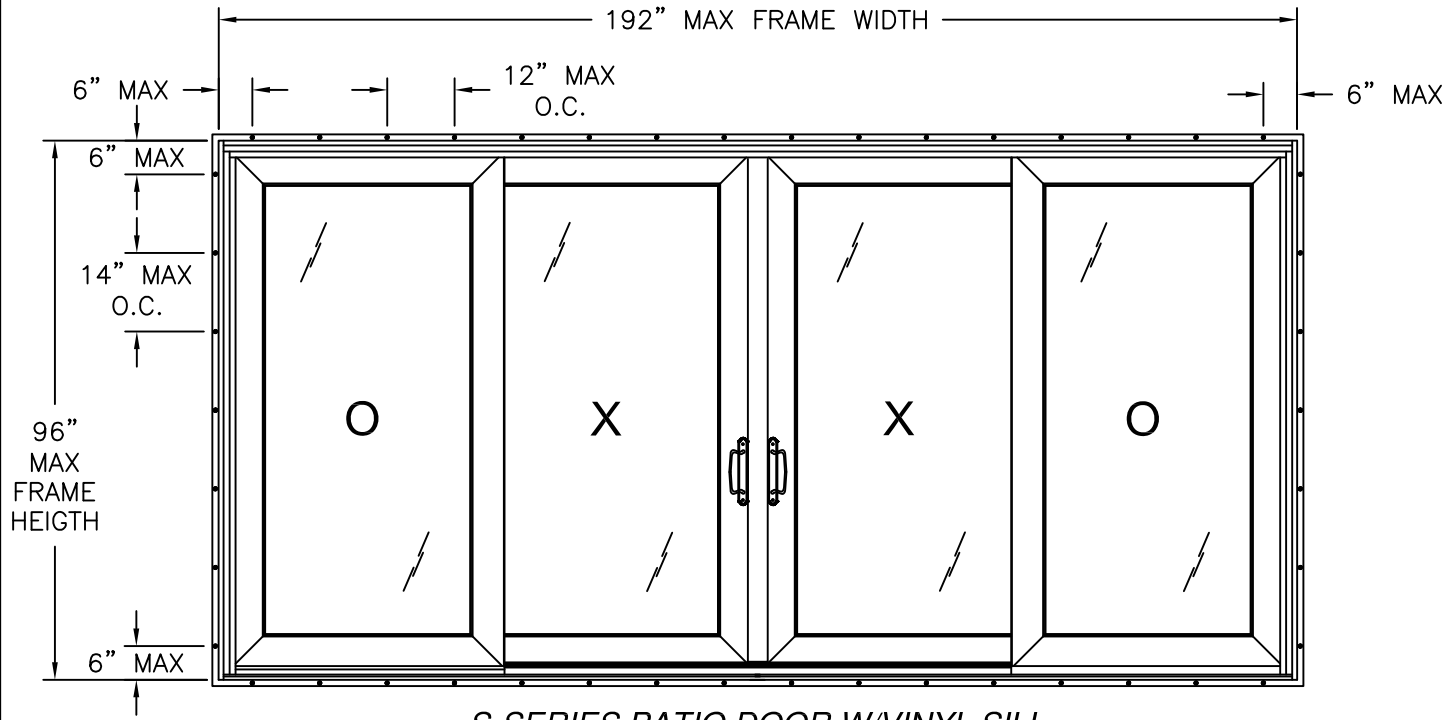
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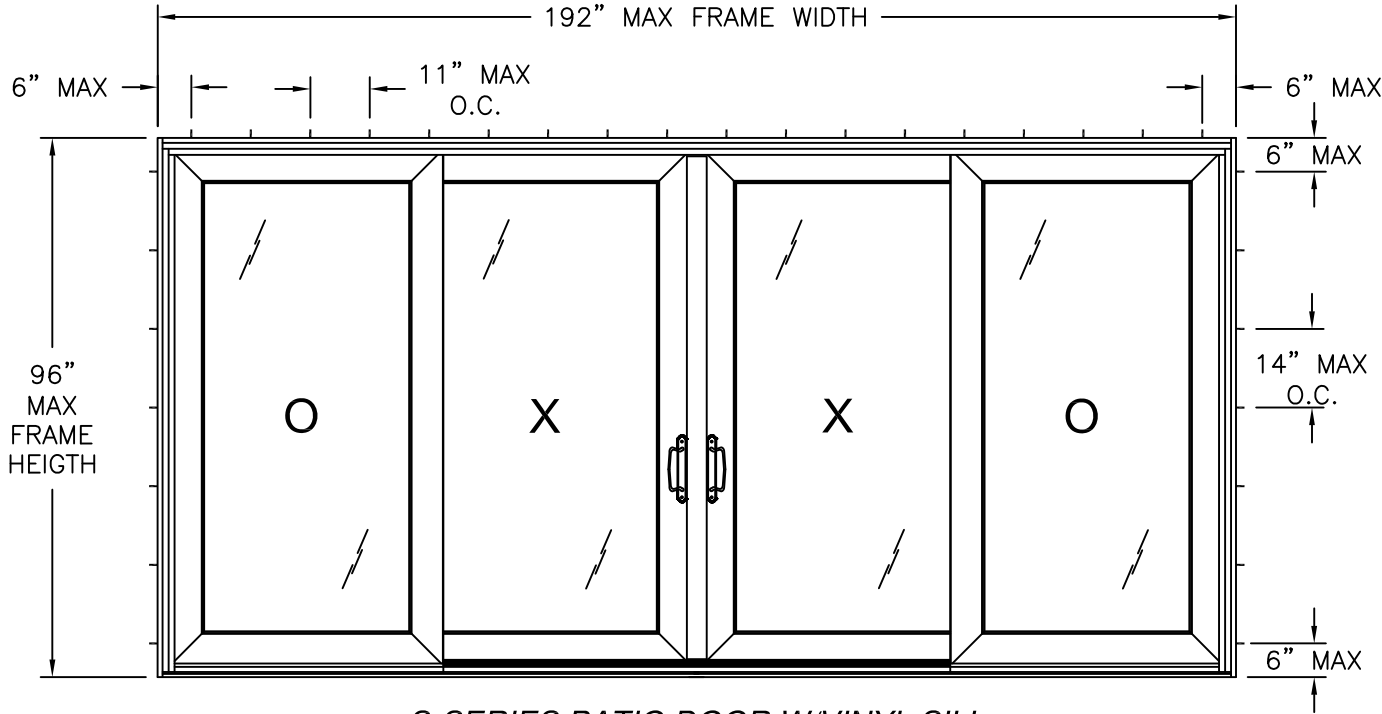
Luis R. Lomas P.E.

FL No.: 62514



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

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



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

- 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         |

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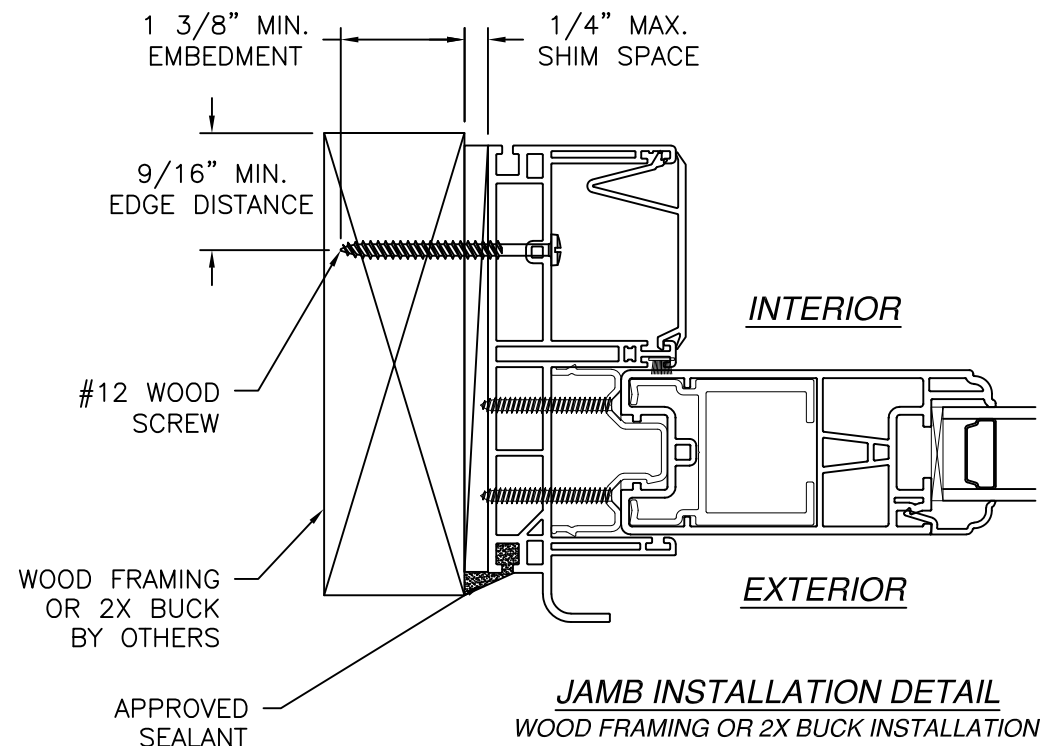
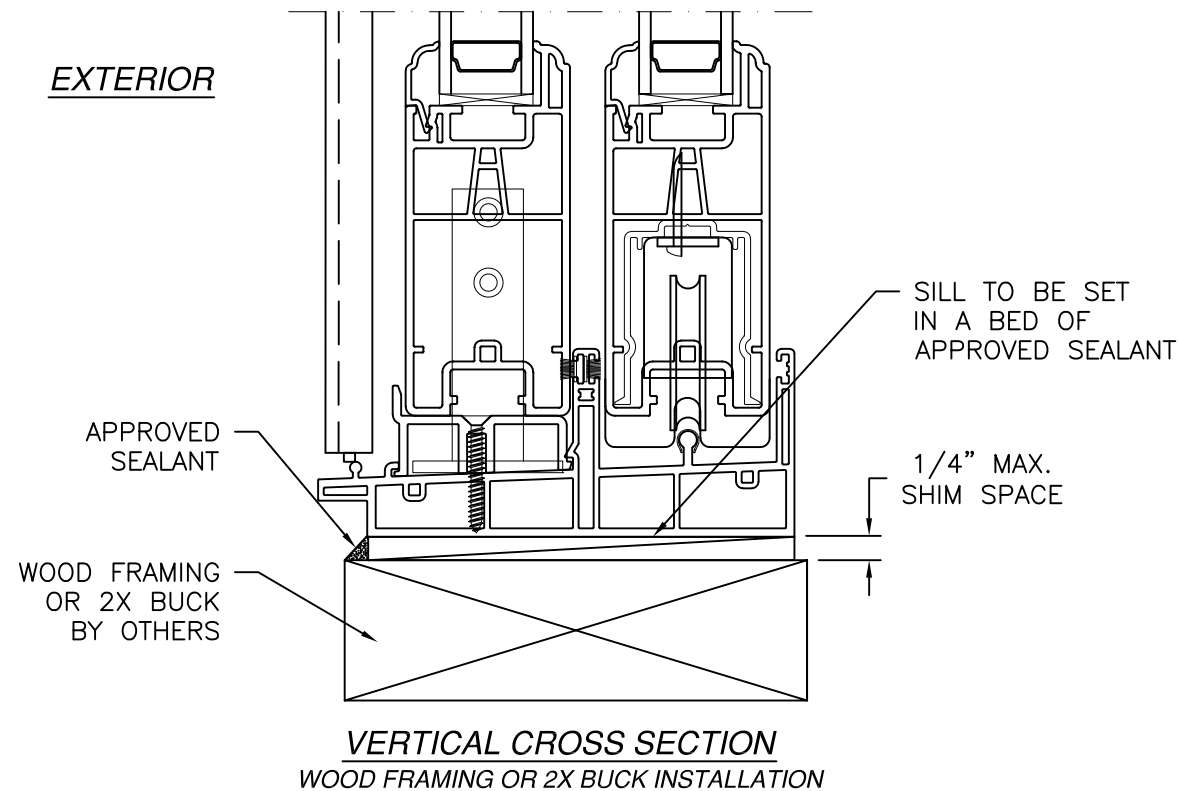
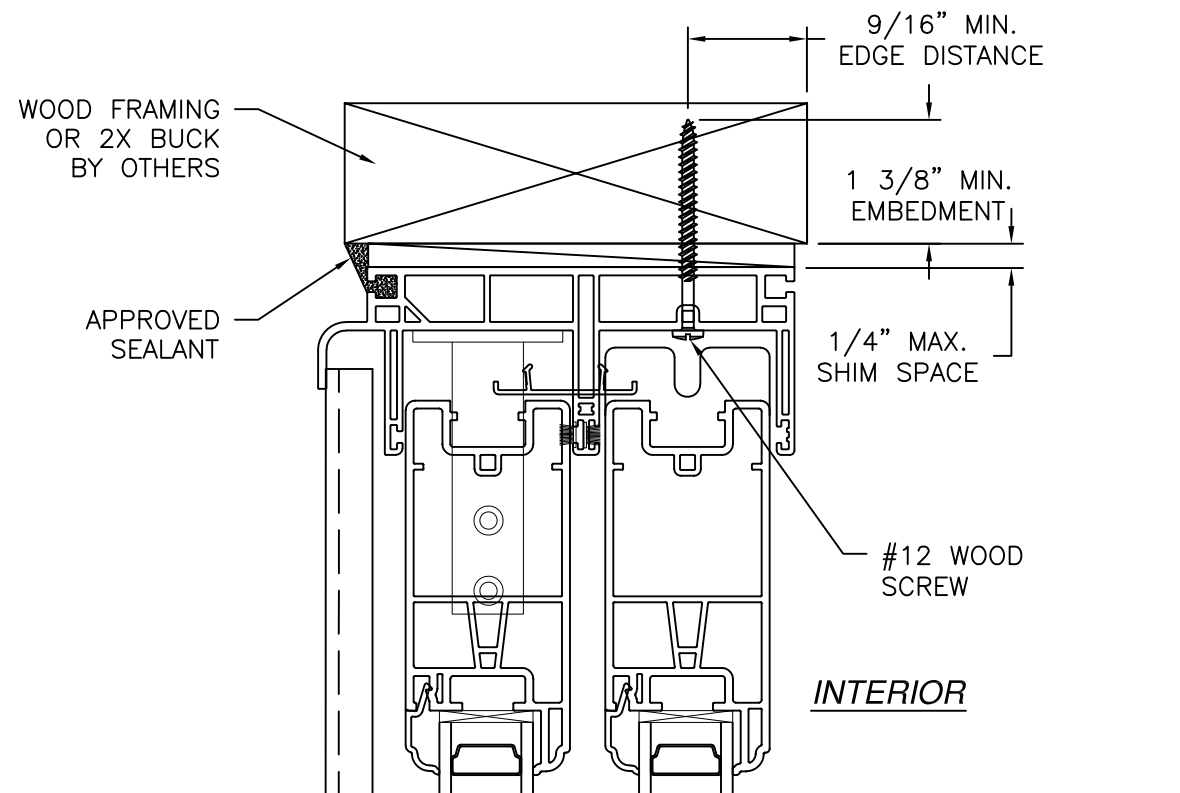
S-SERIES PATIO DOOR W/VINYL SILL  
OXXO - 192" X 96" - NON-IMPACT  
ELEVATIONS

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|---------------------|-----------------|
| DWG NO.<br>08-02917 | SHEET<br>2 OF 6 |
| SCALE NTS           | REV - FPA -     |
| DRAWN N.G.          | DATE: 05/26/16  |

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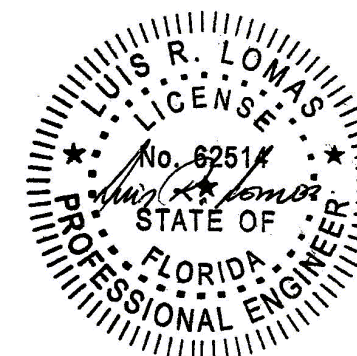
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
  2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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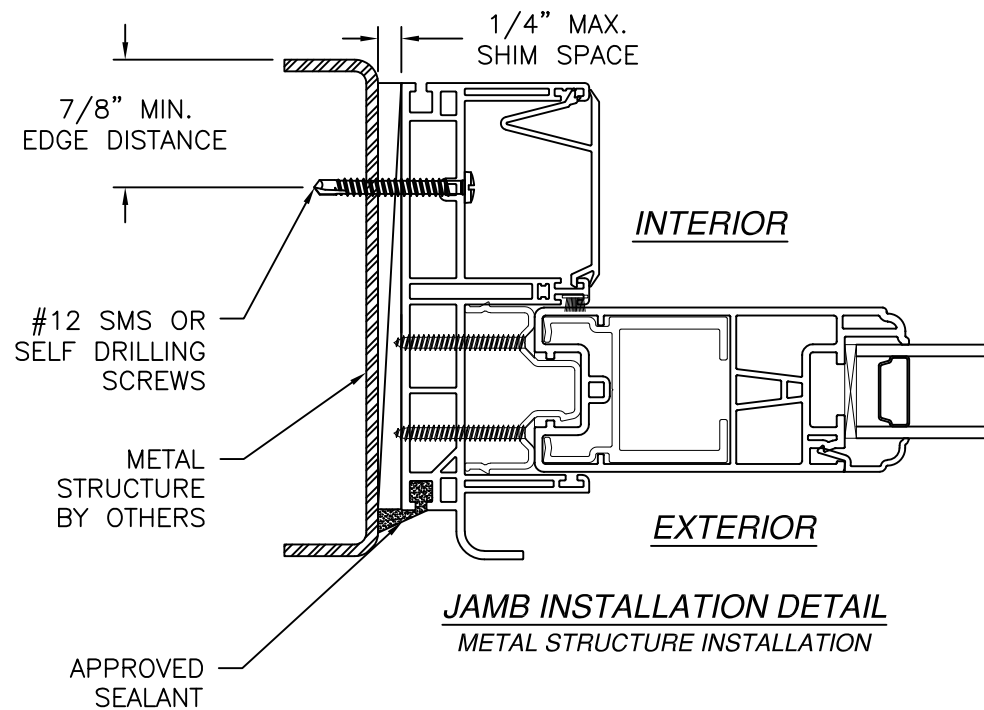
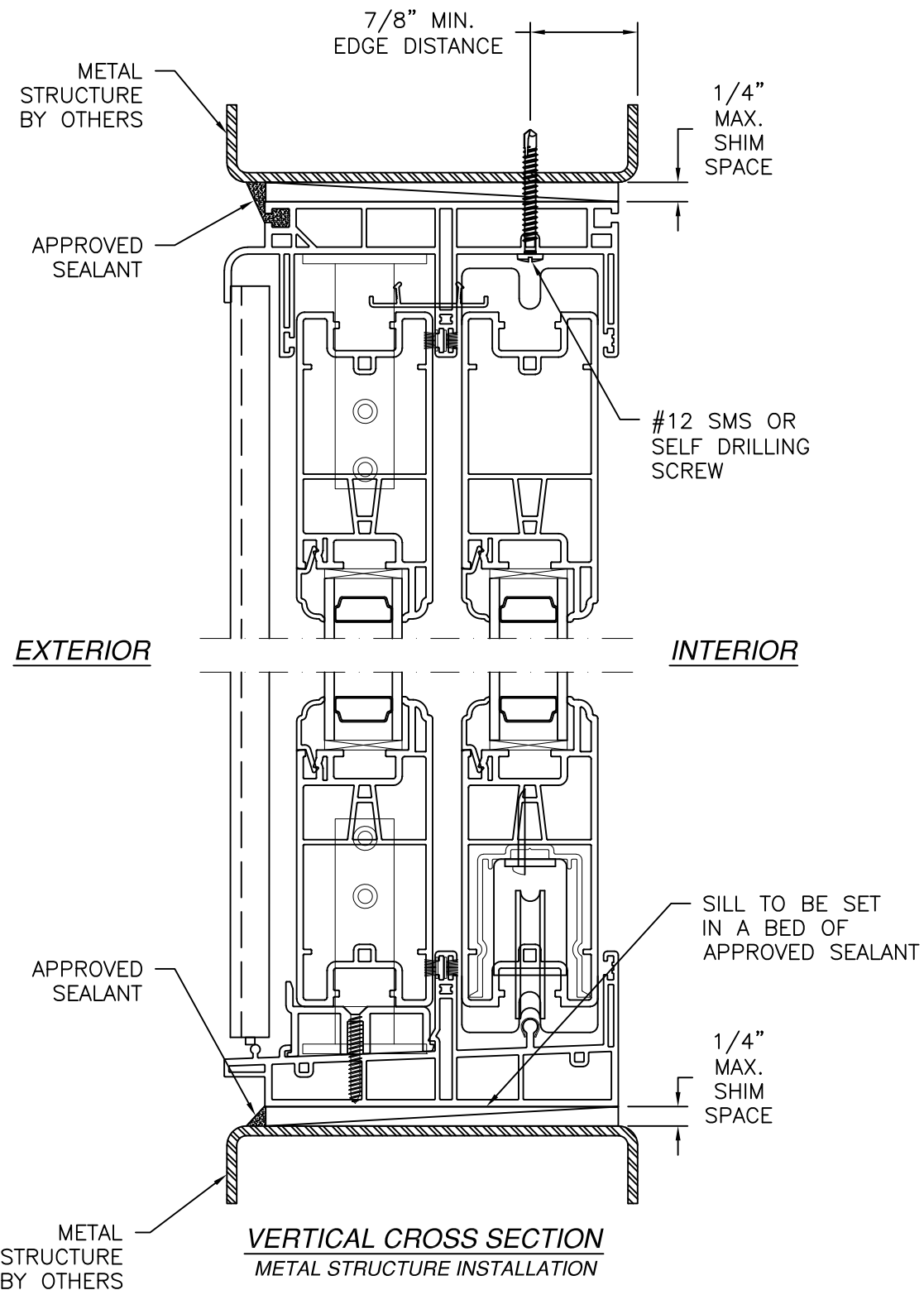
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| <b>VIVINCO, INC.</b><br>MORGANTOWN BUSINESS PARK, P.O. BOX 499<br>MORGANTOWN, PA 19543 |  | <b>S-SERIES PATIO DOOR W/VINYL SILL</b><br>OXXO - 192" X 96" - NON-IMPACT<br><b>INSTALLATION DETAILS</b> | <b>L. ROBERTO LOMAS P.E.</b><br>208 7th Ave, INDIANLANTIC, FL 32903<br>434-688-0609 rllomas@rlomaspe.com |
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| DWG NO.<br><b>08-02917</b> | SHEET<br><b>3 OF 6</b> |              |
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| DRAWN <b>N.G.</b>          | DATE: <b>05/26/16</b>  |              |

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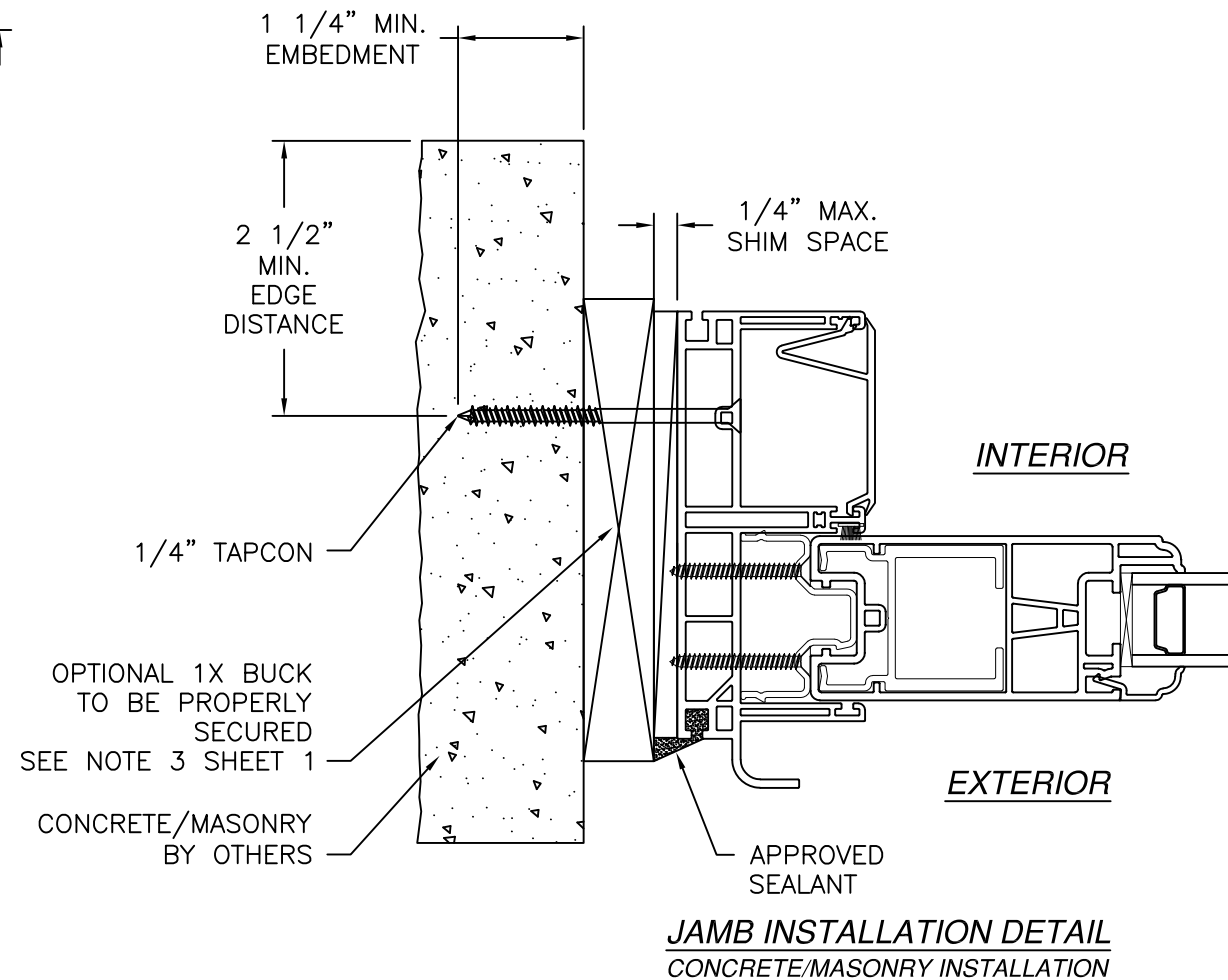
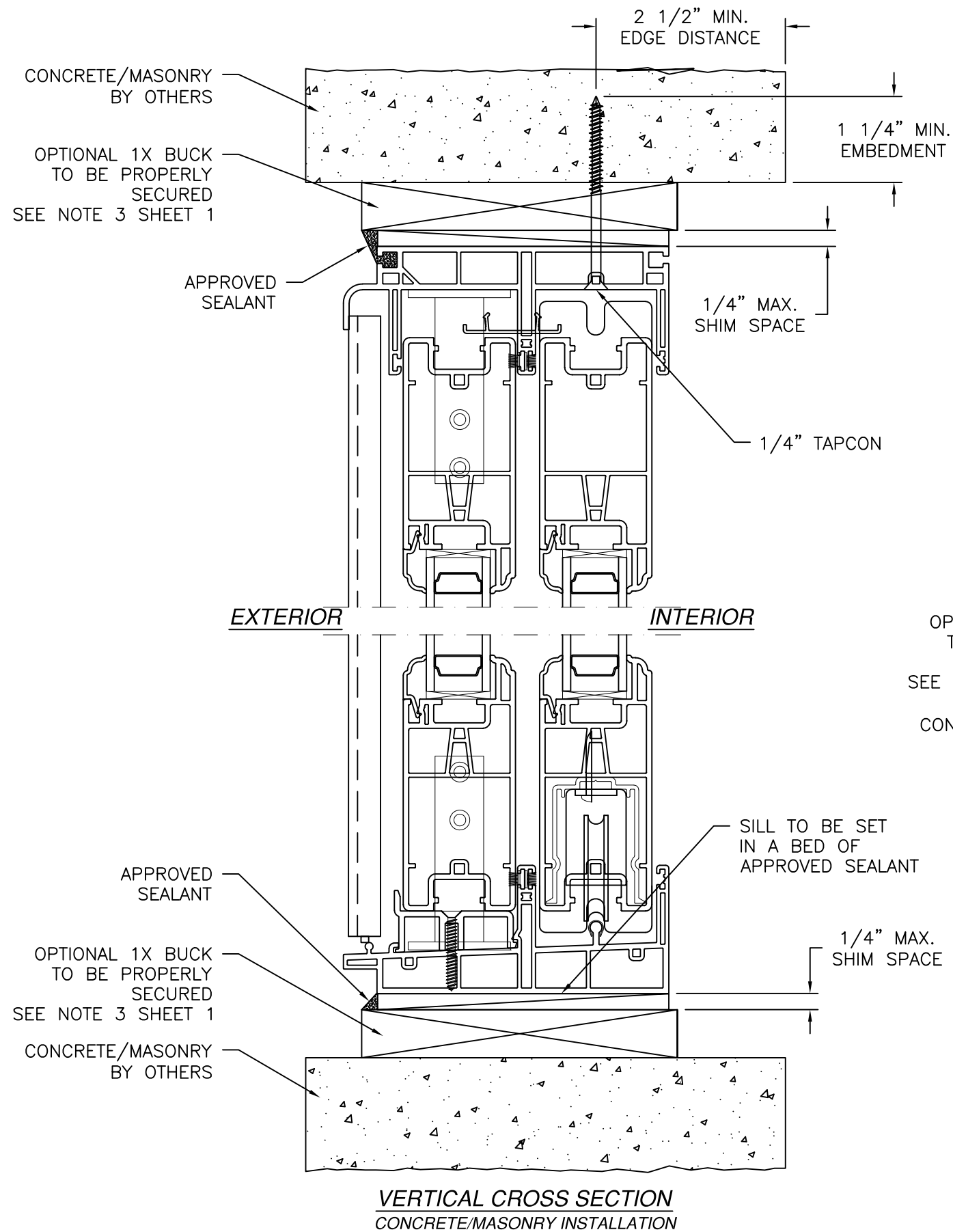
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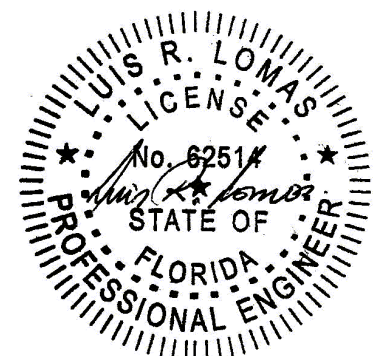
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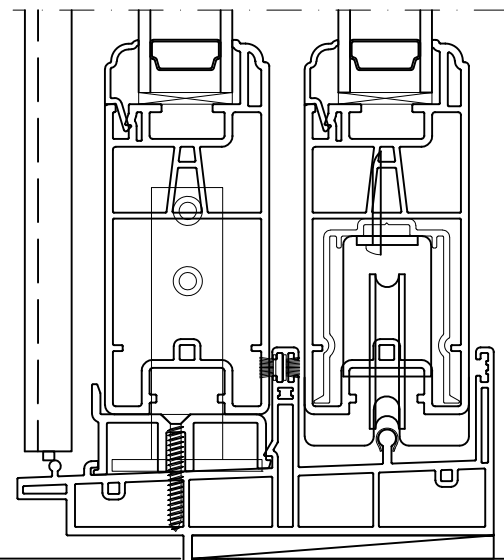


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APPROVED SEALANT BEHIND FIN  
#8 WOOD SCREW  
7/16" MIN. EDGE DISTANCE  
1 1/2" MIN. EMBEDMENT  
WOOD FRAMING BY OTHERS  
1/4" MAX. SHIM SPACE

EXTERIOR

INTERIOR



7/16" MIN. EDGE DISTANCE

#8 WOOD SCREW

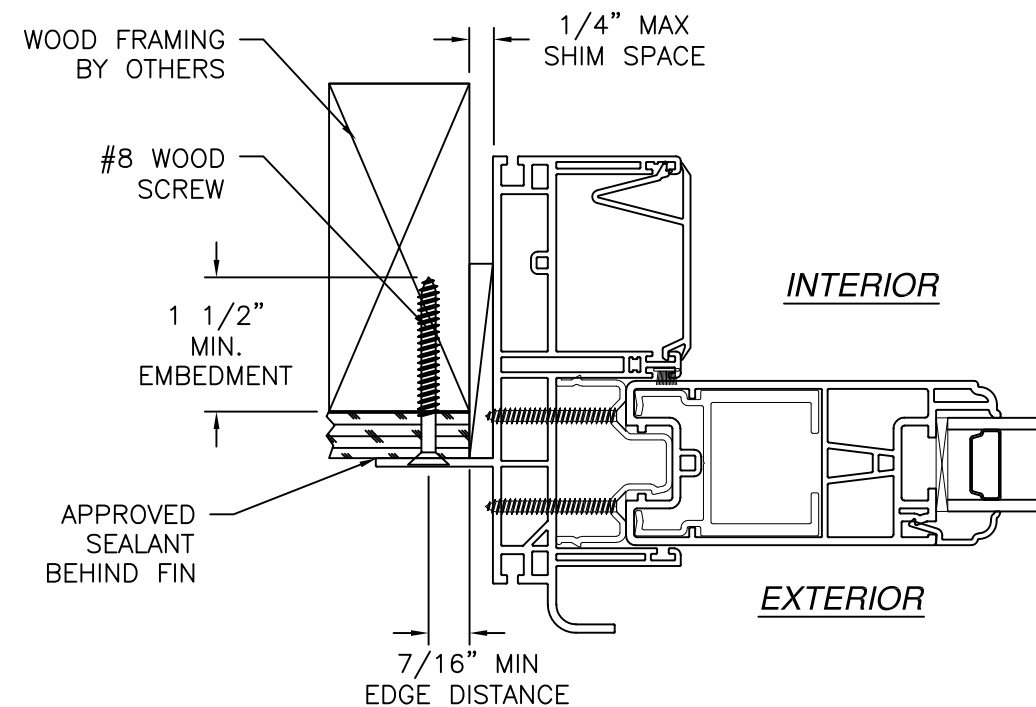
APPROVED SEALANT BEHIND FIN

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

1/4" MAX. SHIM SPACE

1 1/2" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS



INTERIOR

EXTERIOR

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

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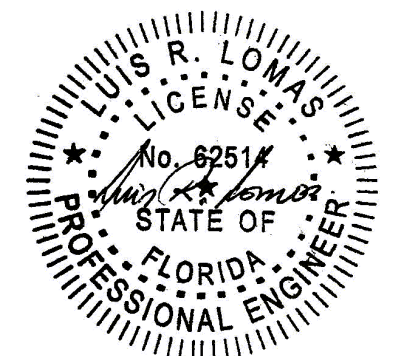
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