

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
I	REVISED HARDWARE SCHEDULE	09/09/26	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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. 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. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
5. 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.
6. FRAME MATERIAL: WOOD WITH G=.46 MINIMUM SPECIFIC GRAVITY, OR COMPOSITE, OR FRAMESAVER, OR FUSION FRAME.
DOOR SKIN MATERIAL: STEEL .033" THICK (MINIMUM) AND FIBERGLASS .085" THICK(MINIMUM).
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 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.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR 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.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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 .048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION AND ANCHOR LAYOUT
3 – 9	INSTALLATION DETAILS
10 – 12	COMPONENTS AND MULLION DETAILS

PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR
W/TRANSOM NON-IMPACT
NOTES

DRAWN:
N.G.

DWG NO.
08-02086

REV
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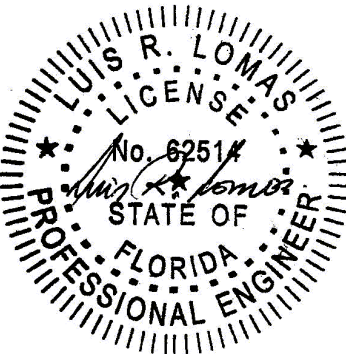
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DATE 06/20/13

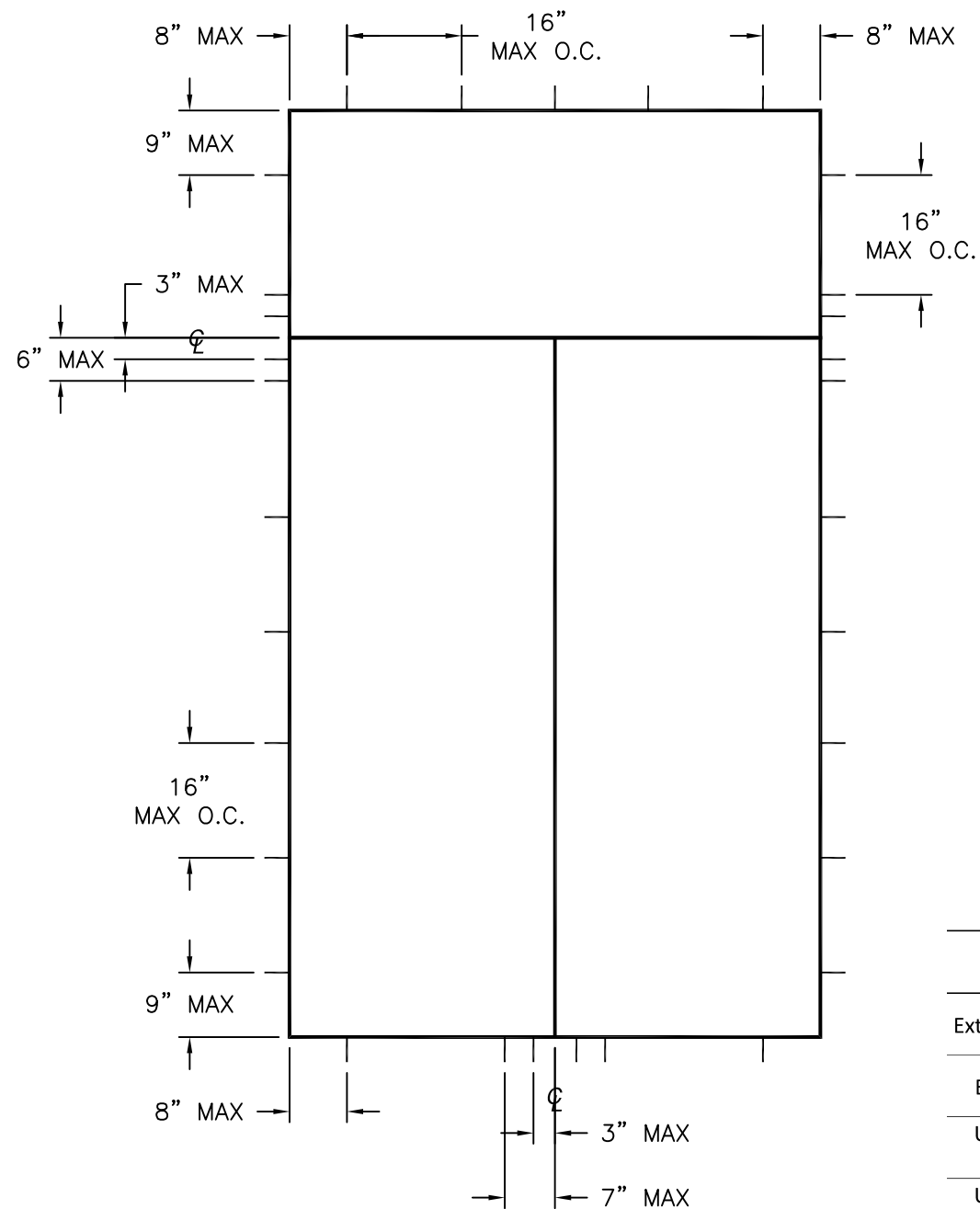
SHEET 1 OF 12

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/09/2026



Luis R. Lomas P.E.
FL No.: 62514



ANCHOR LAYOUT

WITH PANOLOCK MULTI-POINT	
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

D.L.O. NOTES:
1. TRANSOM D.L.O.: 71 1/32" X 28 11/16"

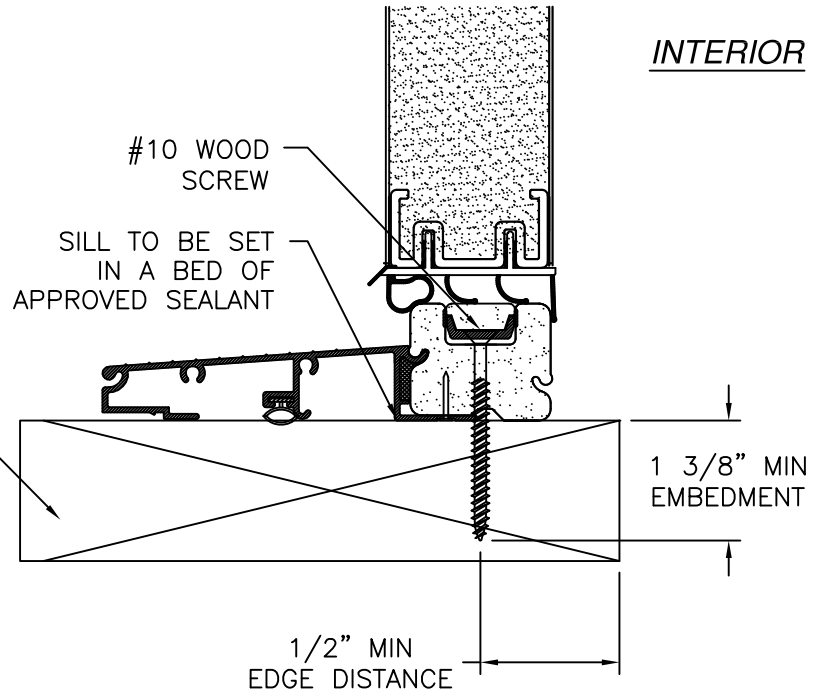
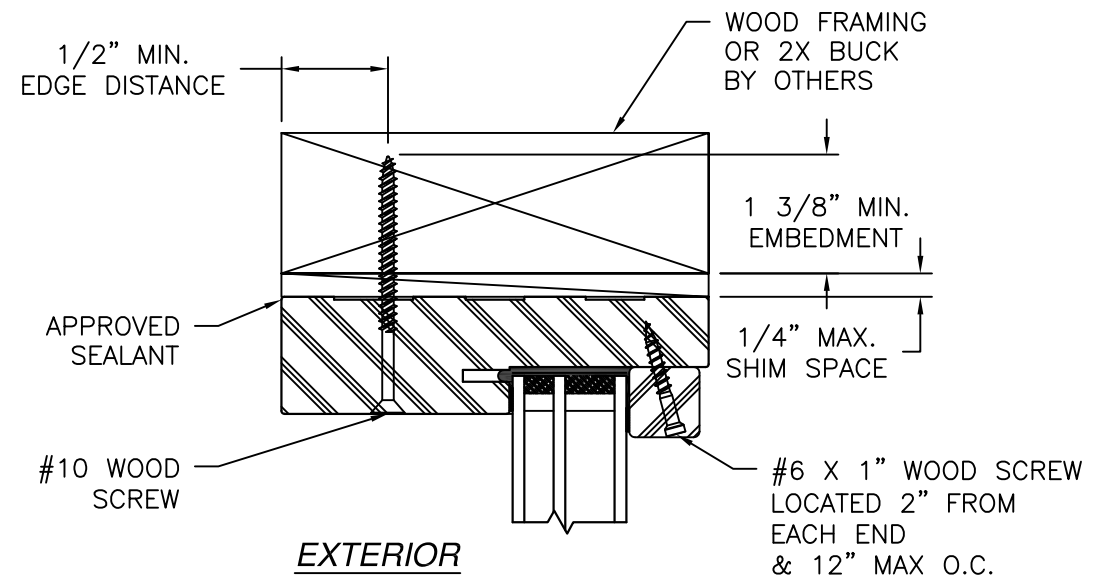
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Exterior - open exposed	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior- vented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior- unvented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/TRANSOM NON-IMPACT ELEVATION AND ANCHOR LAYOUT			
DRAWN: N.G.		DWG NO. 08-02086	
SCALE NTS		DATE 06/20/13	
		SHEET 2 OF 12	
<i>L. ROBERTO LOMAS P.E.</i> <i>208 7th Ave, INDIALANTIC, FL 32903</i> <i>434-688-0609 rlomas@rlomaspe.com</i>			

A circular professional engineer seal for Luis R. Lomas, State of Florida. The seal features the text "LUIS R. LOMAS" at the top, "LICENSE" below it, and "PROFESSIONAL ENGINEER" at the bottom. In the center, it says "No. 62514" and "STATE OF FLORIDA". A signature is written across the center of the seal.

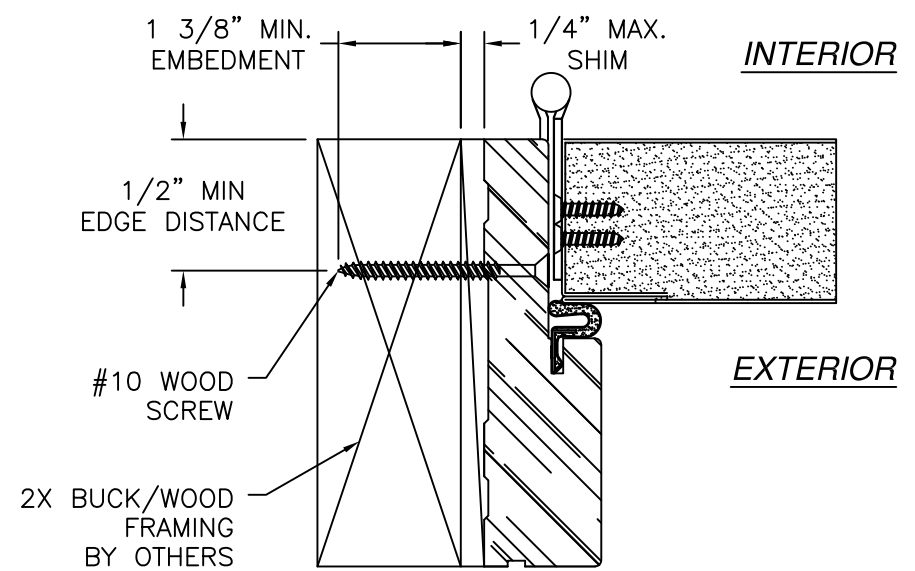
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VERTICAL CROSS SECTION
 DOOR AND TRANSOM INSTALLATION - 2X BUCK/WOOD FRAMING
 TRANSOM HEAD SHOWN
 TRANSOM JAMB SIMILAR

- 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



HORIZONTAL CROSS SECTION
 DOOR INSTALLATION - 2X BUCK/WOOD FRAMING

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
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STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR
W/TRANSOM NON-IMPACT
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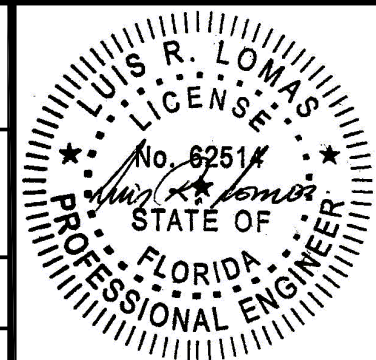
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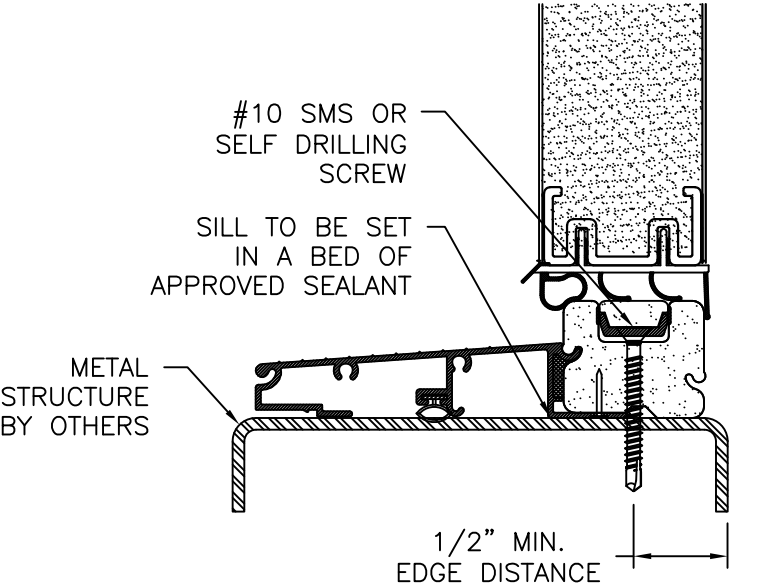
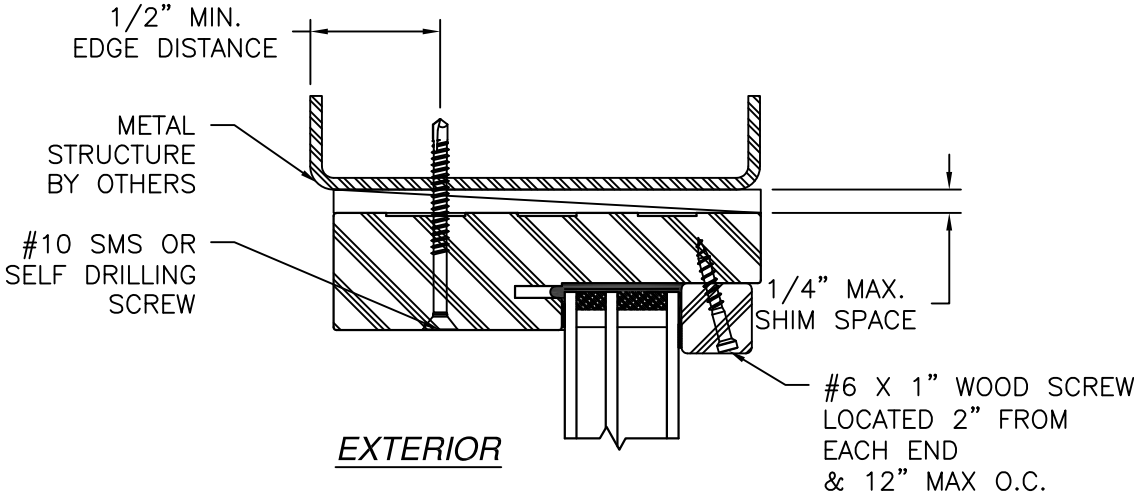
434-688-0609 rllomas@lrlomaspe.com

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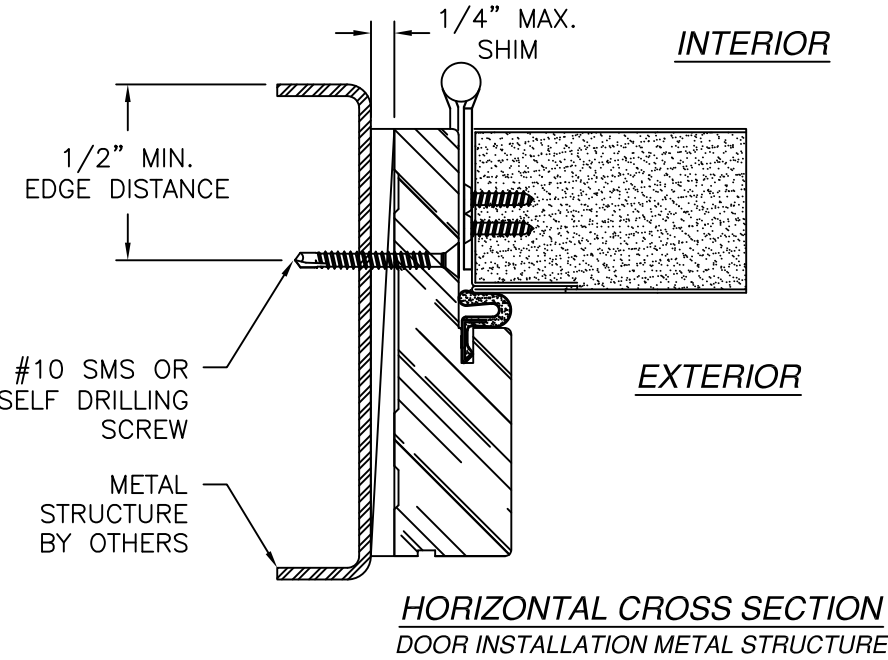


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VERTICAL CROSS SECTION
DOOR AND TRANSOM INSTALLATION METAL STRUCTURE
TRANSOM HEAD SHOWN
TRANSOM JAMB SIMILAR



HORIZONTAL CROSS SECTION
DOOR INSTALLATION METAL STRUCTURE

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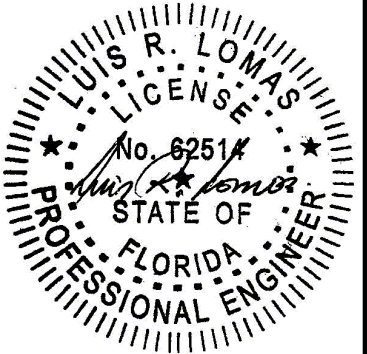
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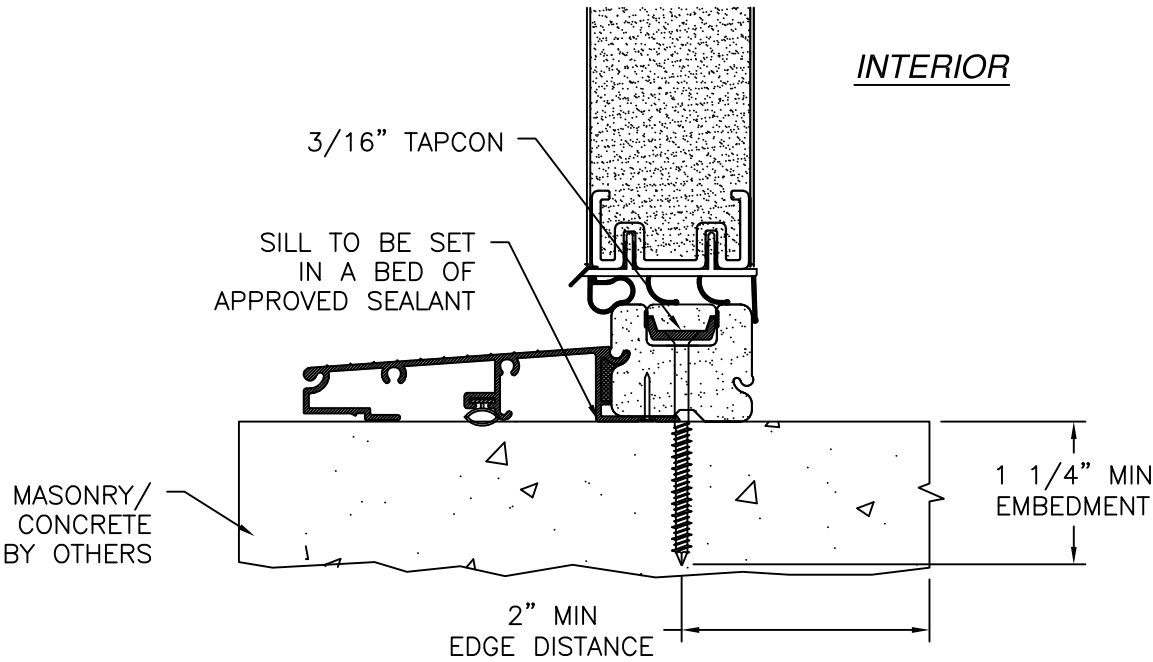
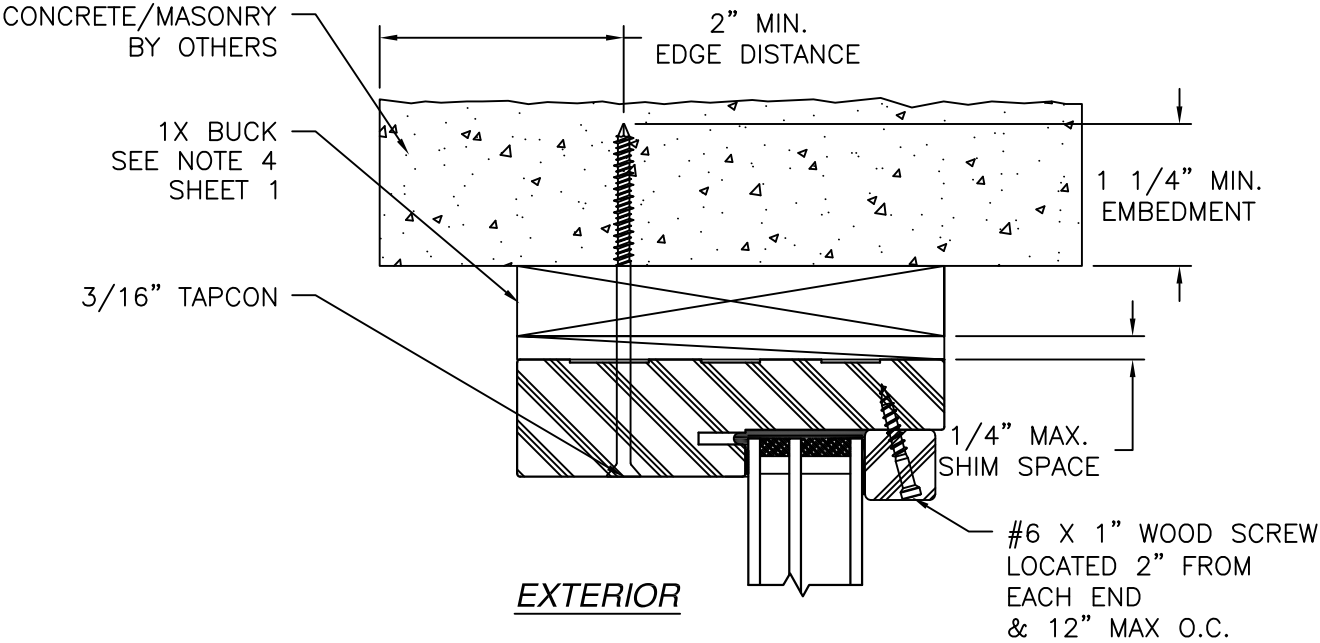
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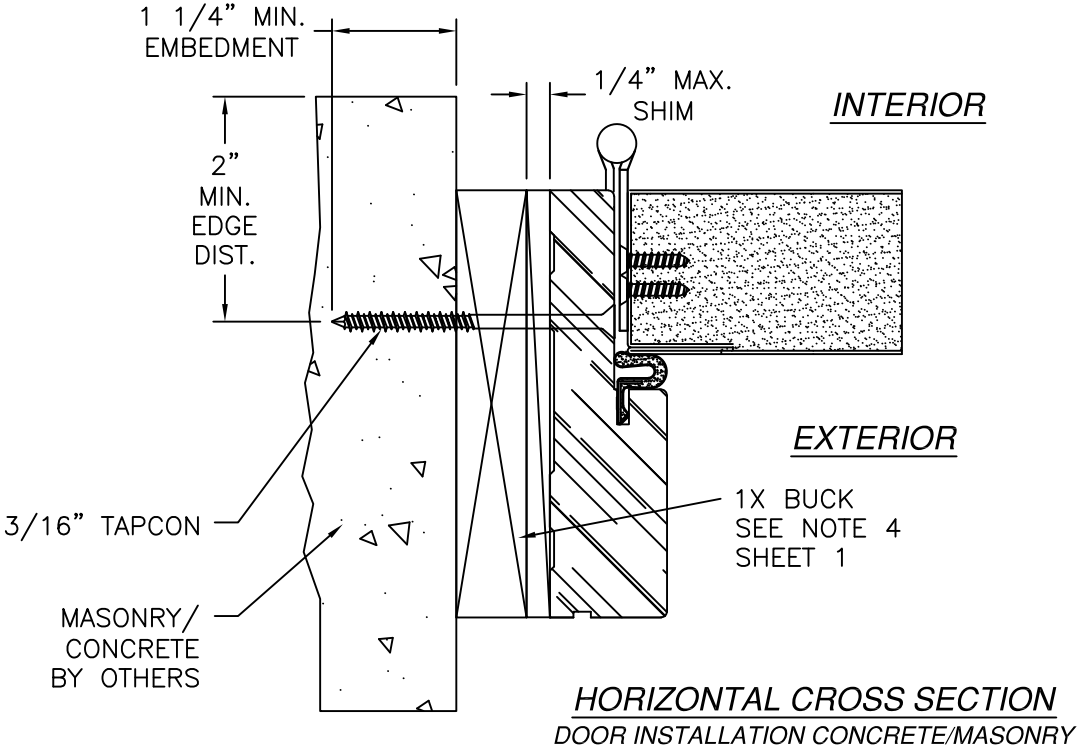
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VERTICAL CROSS SECTION
DOOR AND TRANSOM INSTALLATION MASONRY/CONCRETE
TRANSOM HEAD SHOWN
TRANSOM JAMB SIMILAR

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5

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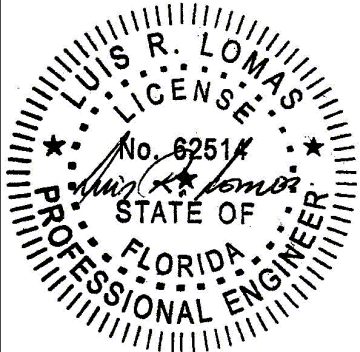
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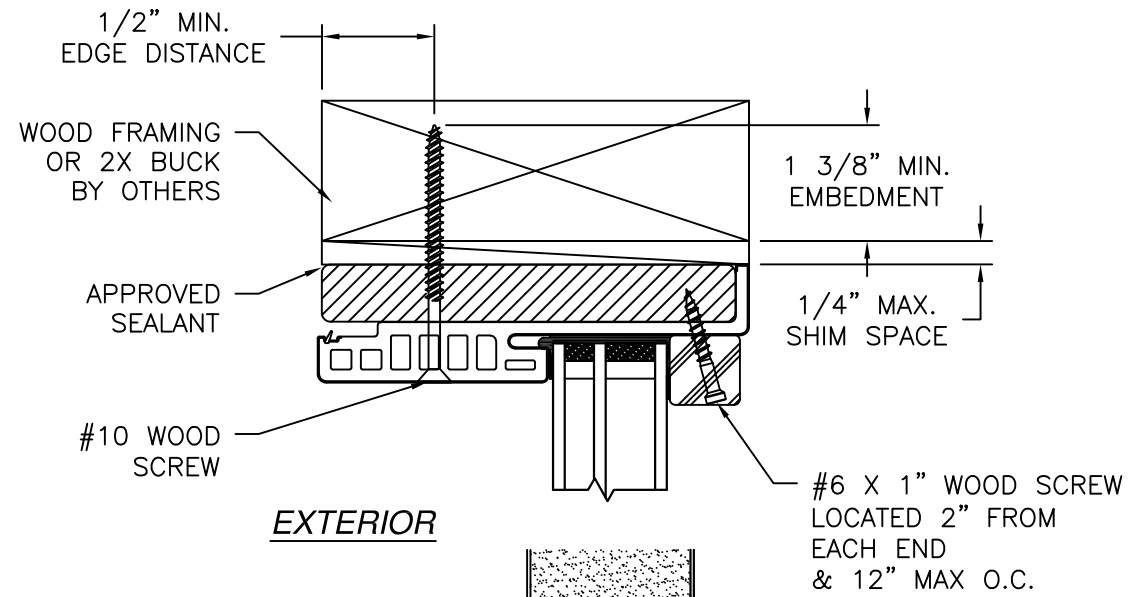
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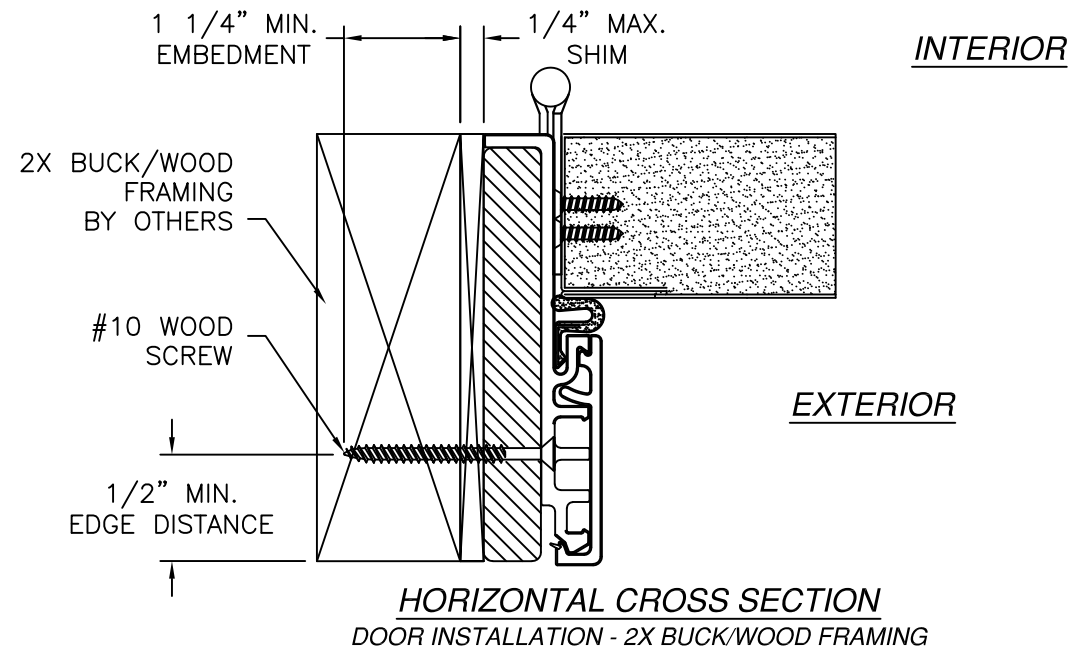


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 TRANSOM JAMB SIMILAR



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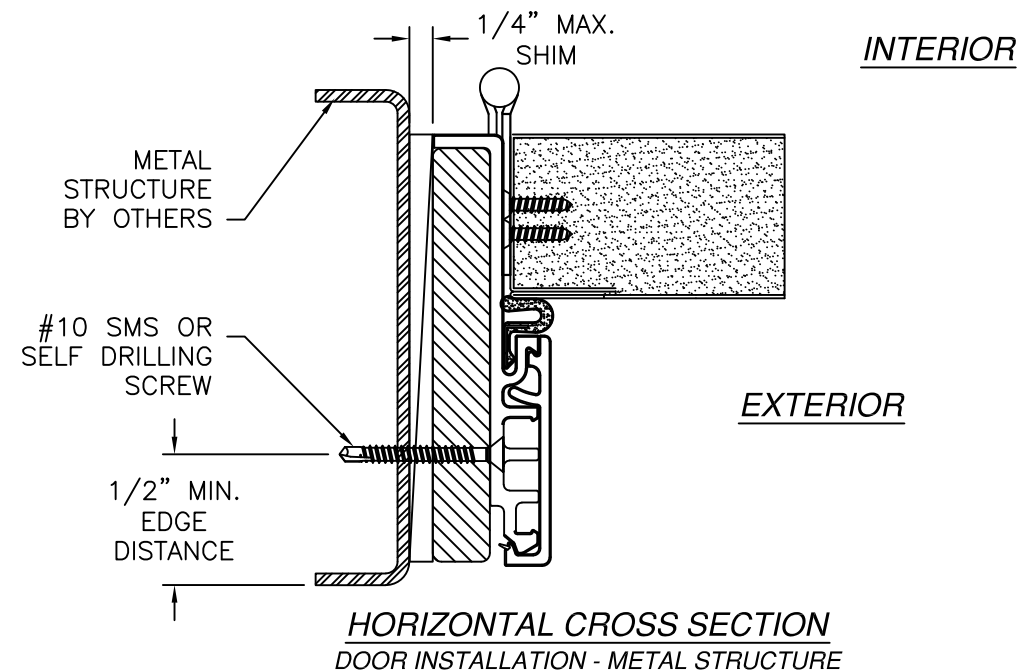
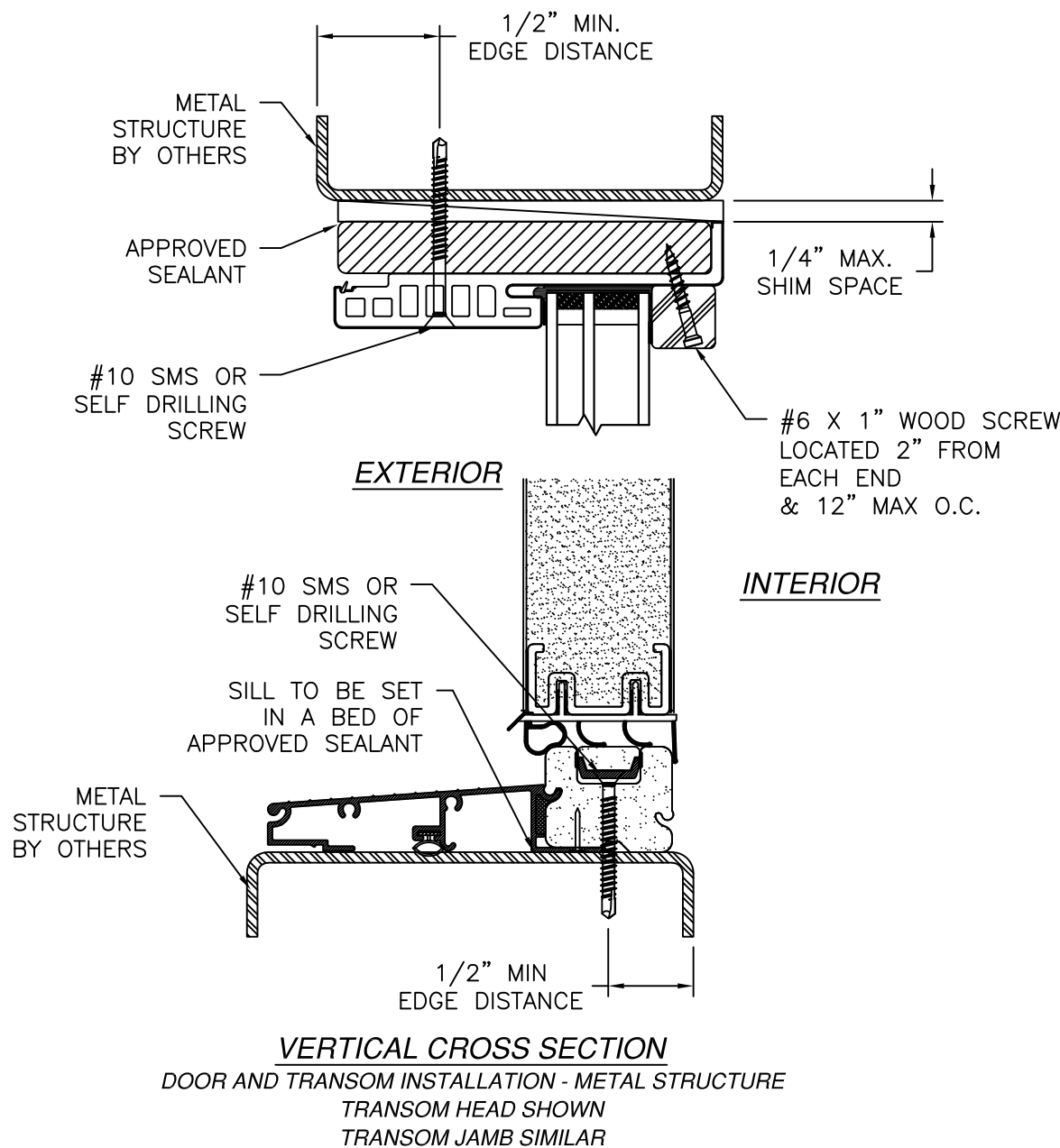
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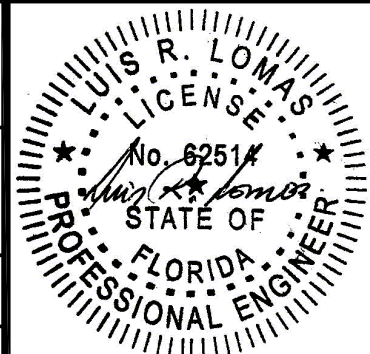
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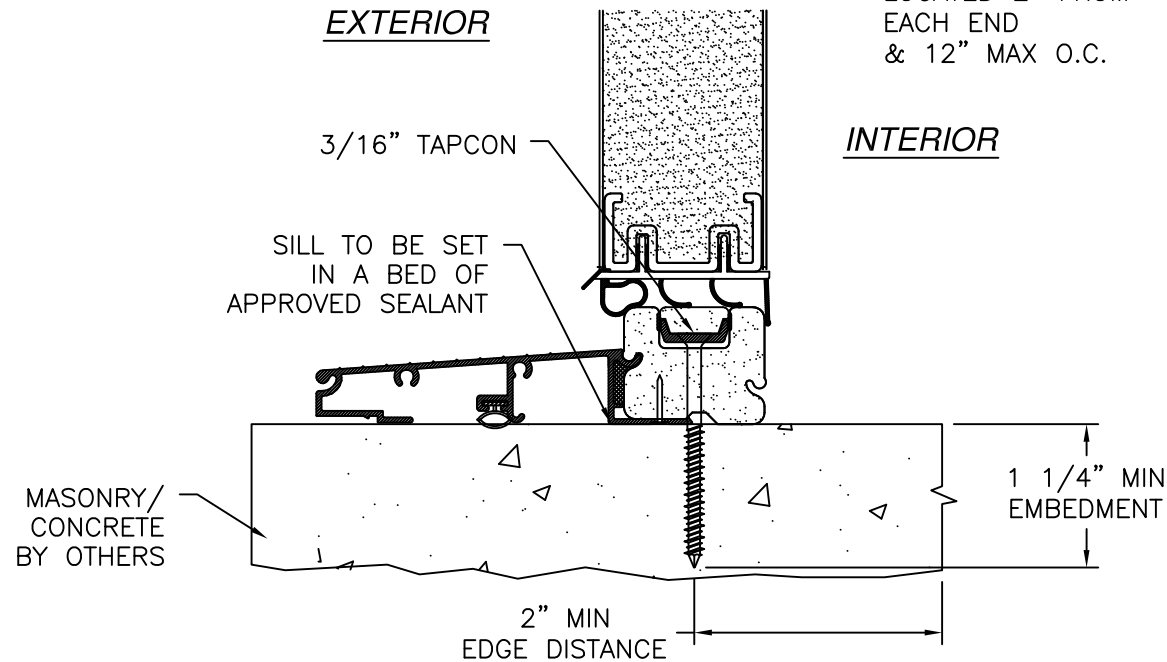
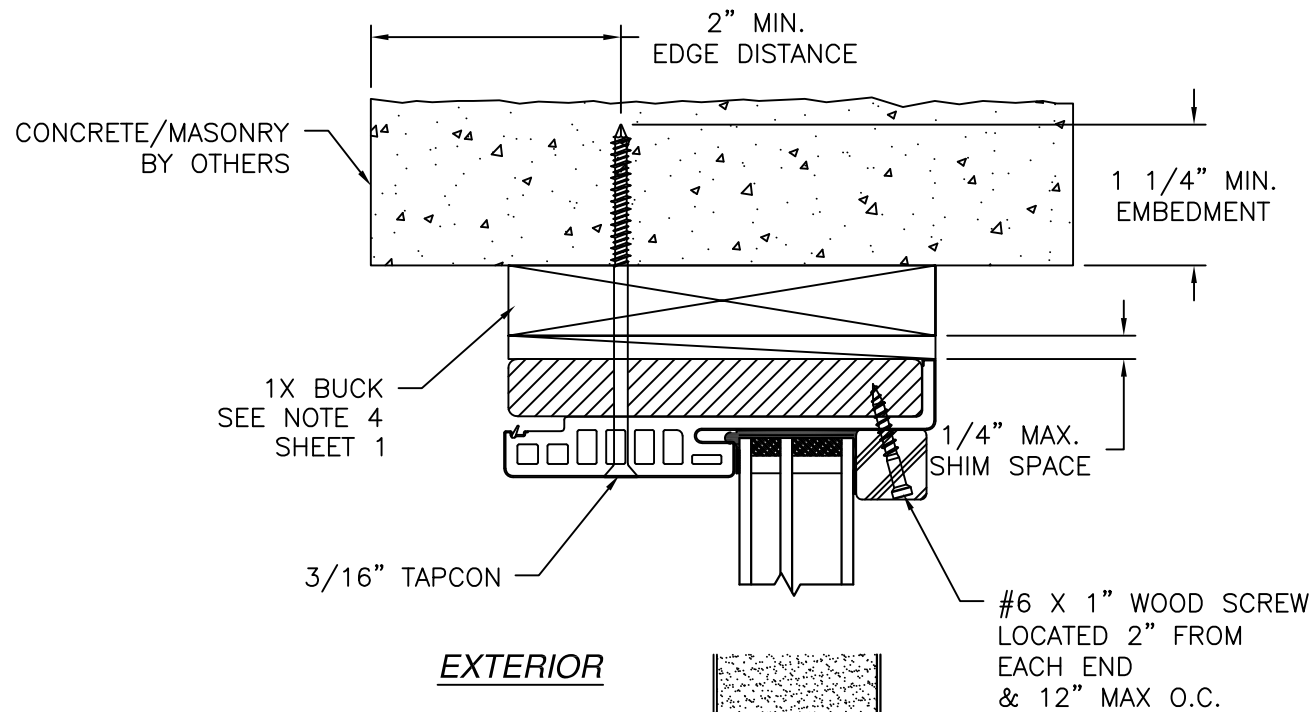
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HORIZONTAL CROSS SECTION
DOOR INSTALLATION CONCRETE/MASONRY

VERTICAL CROSS SECTION
DOOR AND TRANSOM INSTALLATION MASONRY/CONCRETE
TRANSOM HEAD SHOWN
TRANSOM JAMB SIMILAR

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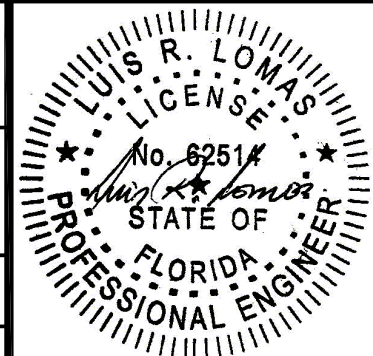
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8 OF 12

L. ROBERTO LOMAS P.E.

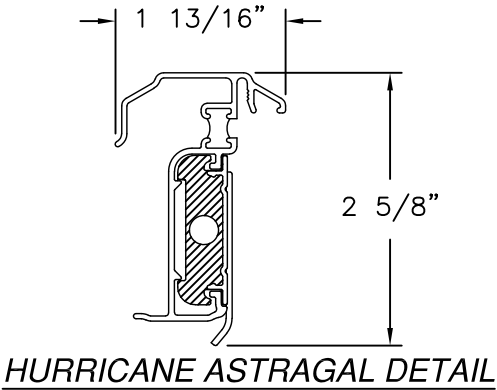
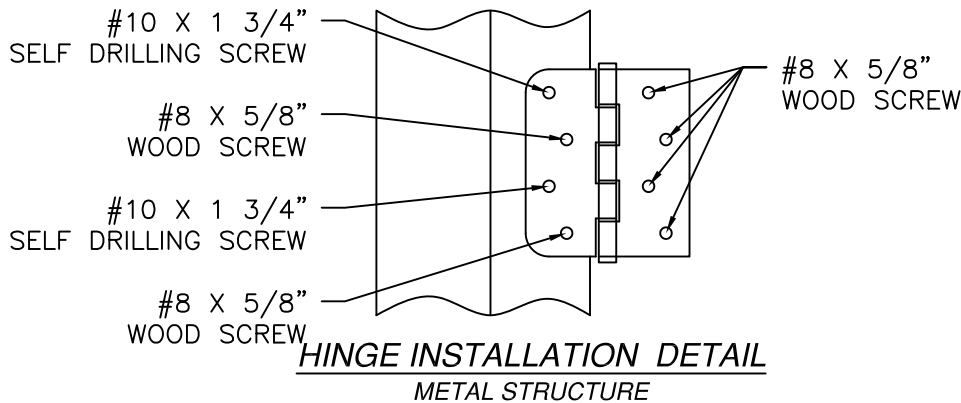
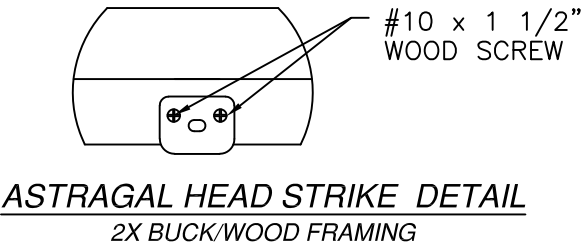
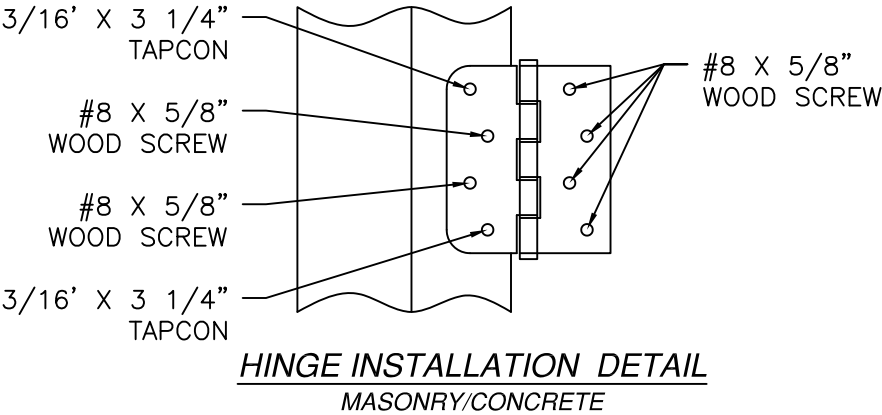
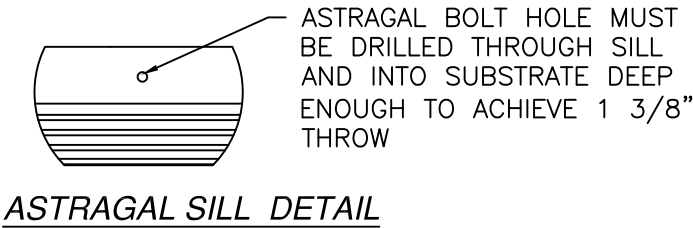
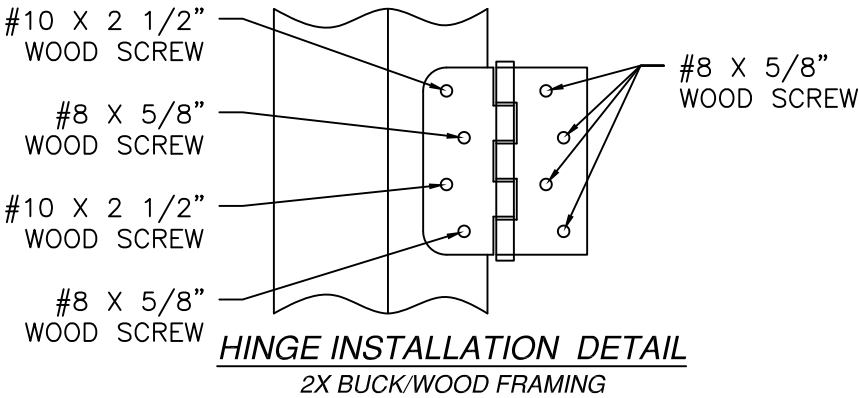
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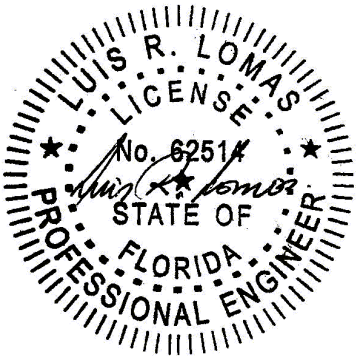
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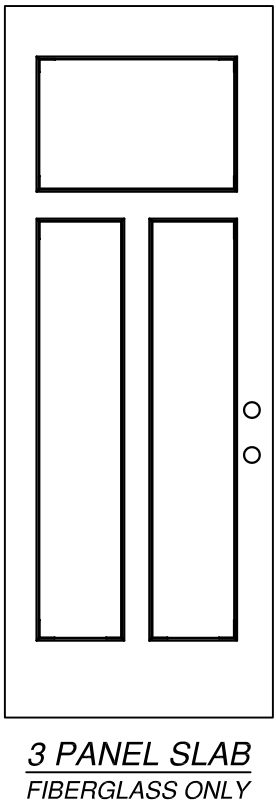
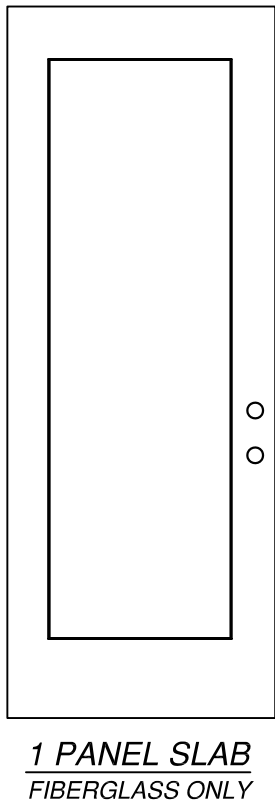
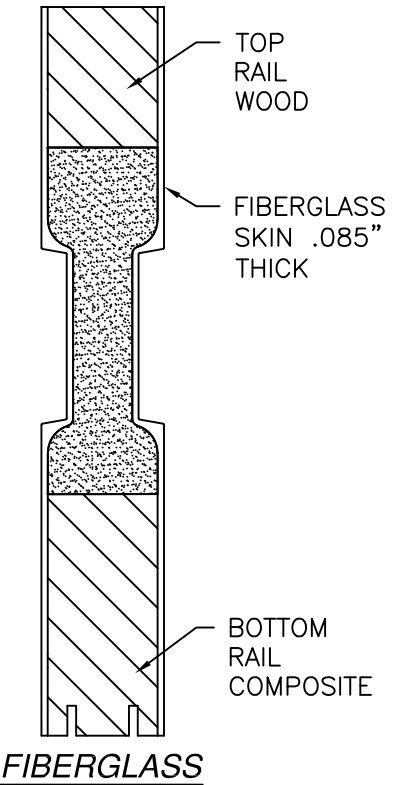
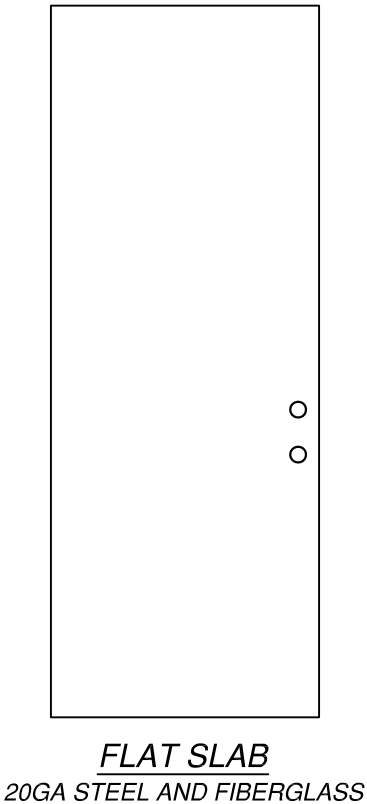
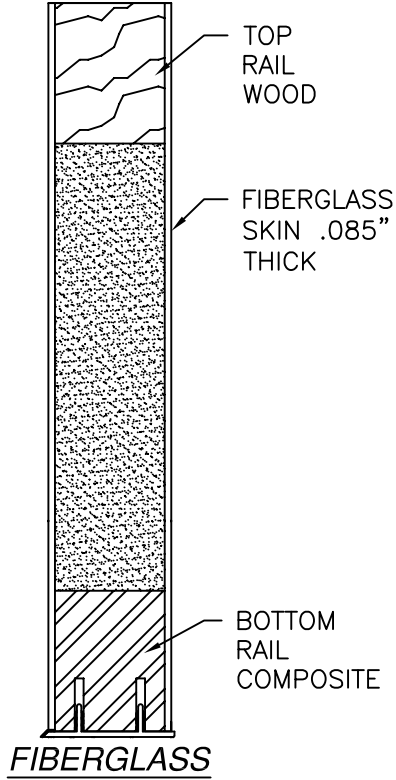
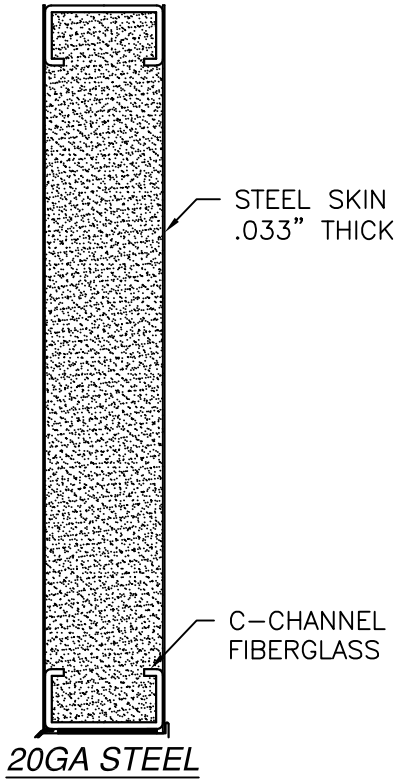
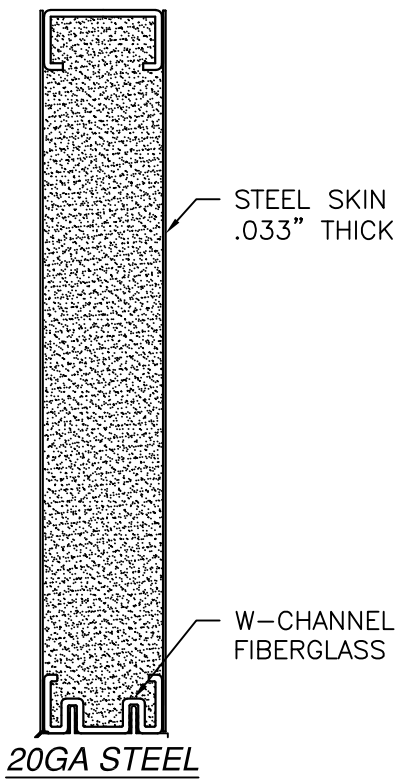
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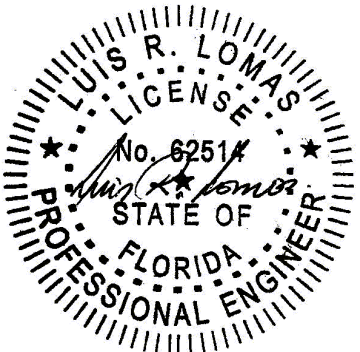
APPROVED DOOR SLABS AND CROSS SECTIONS

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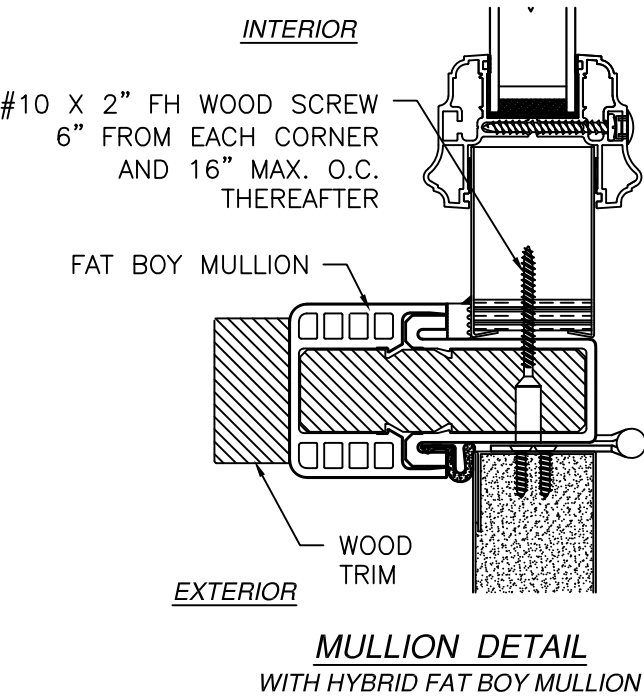
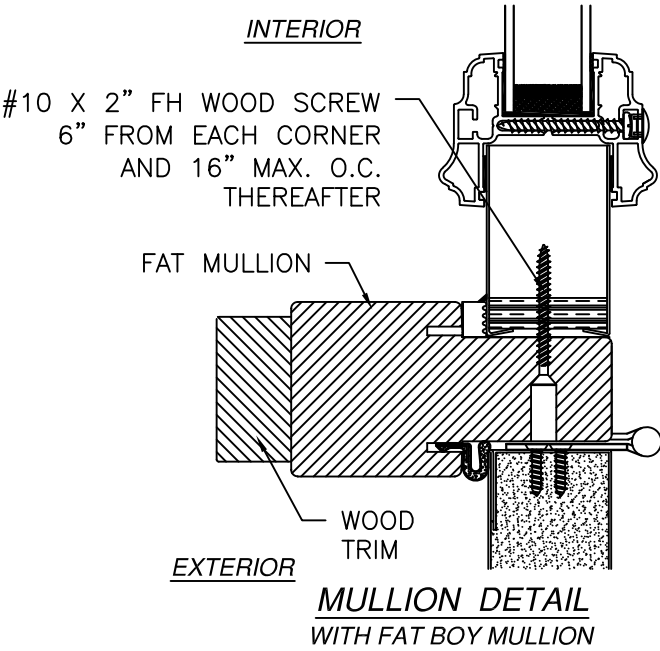
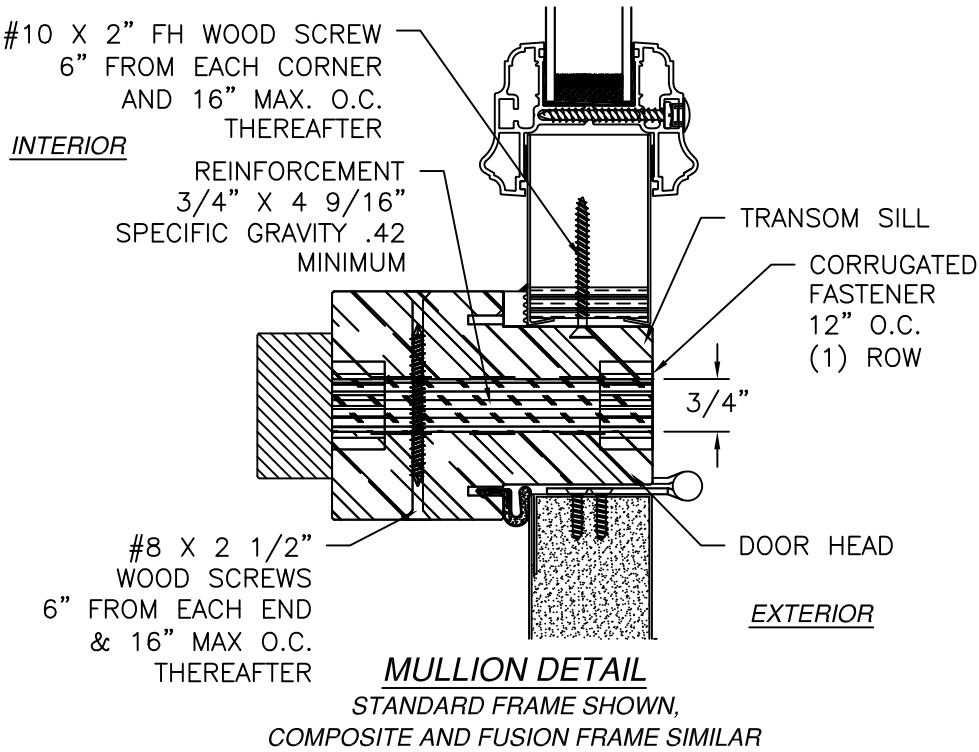
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STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/TRANSOM NON-IMPACT SLAB OPTIONS		
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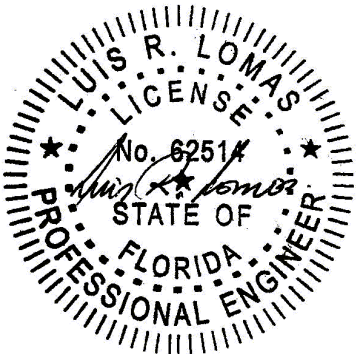
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L. ROBERTO LOMAS P.E.

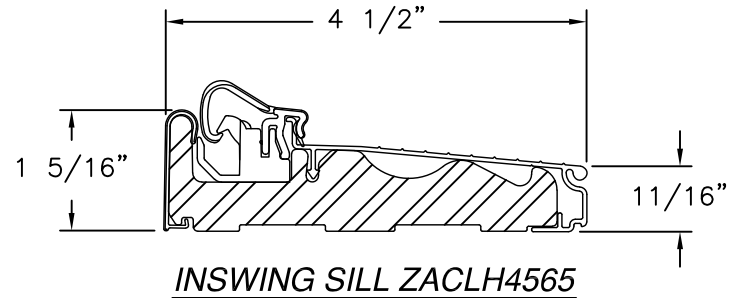
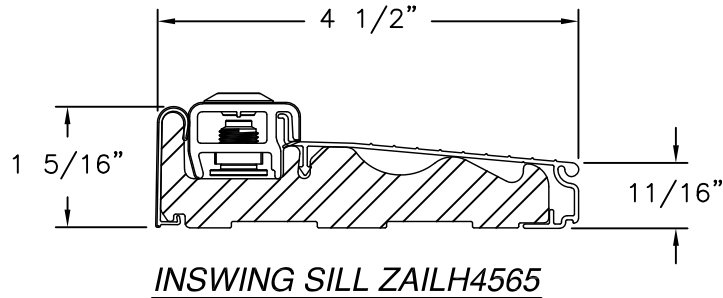
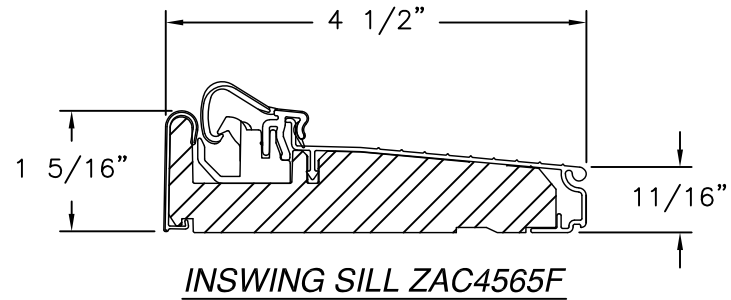
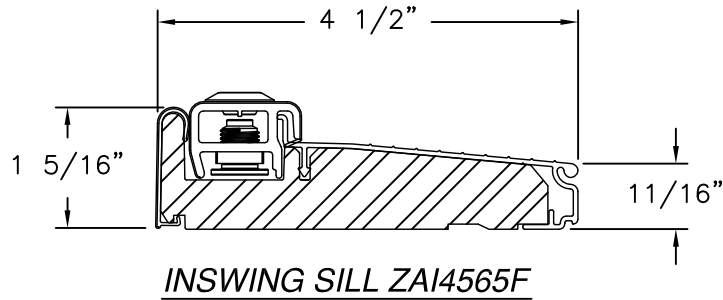
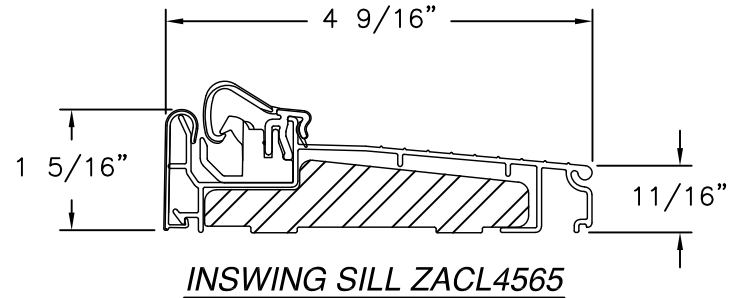
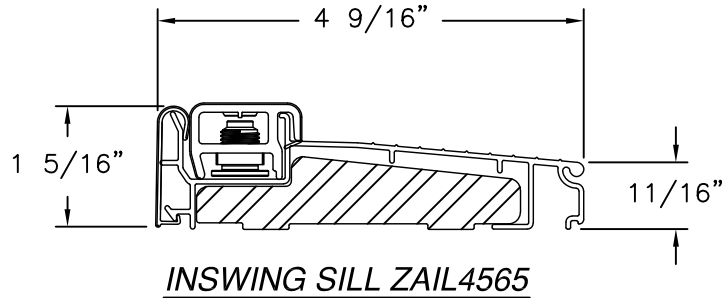
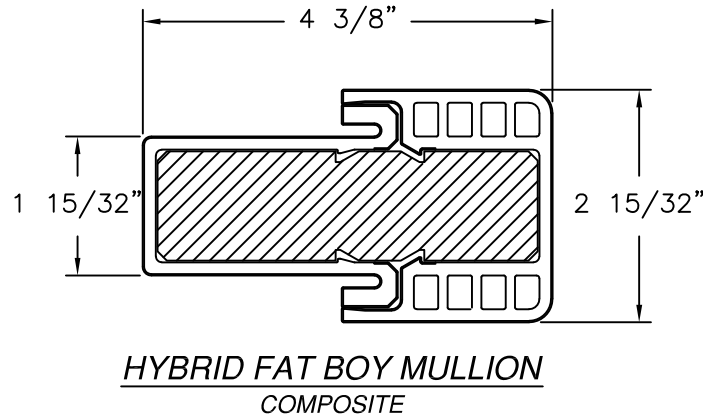
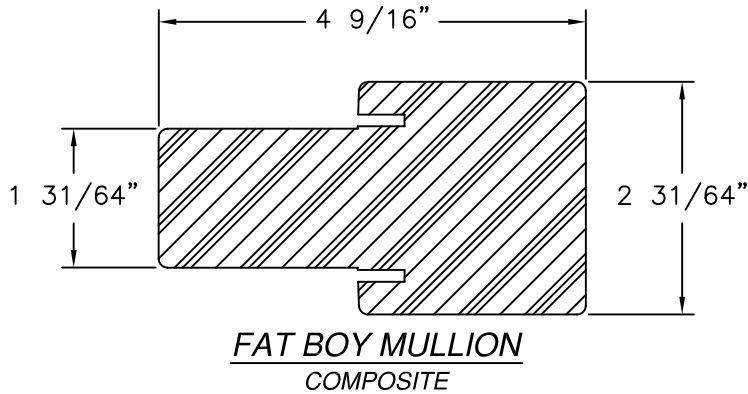
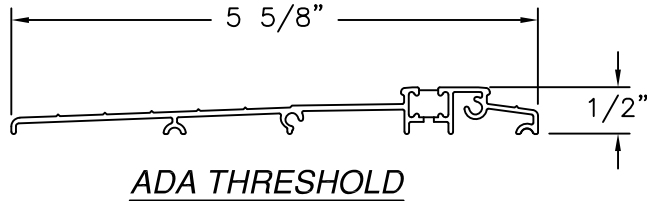
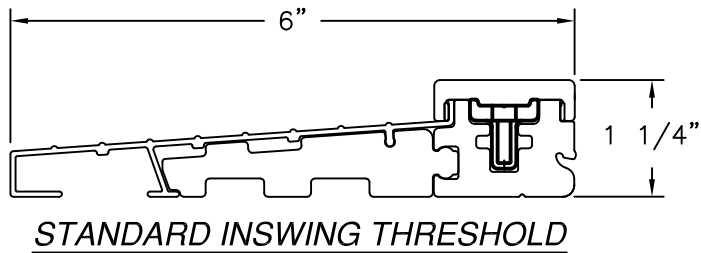
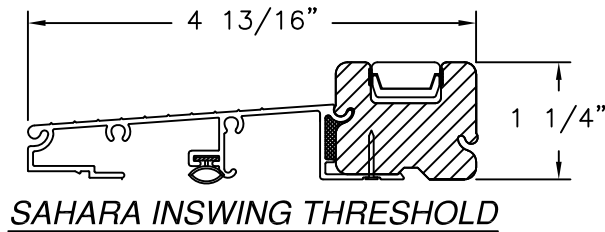
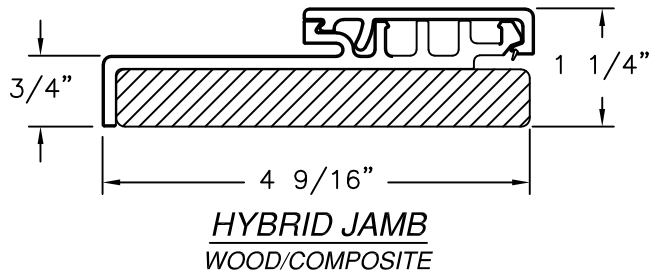
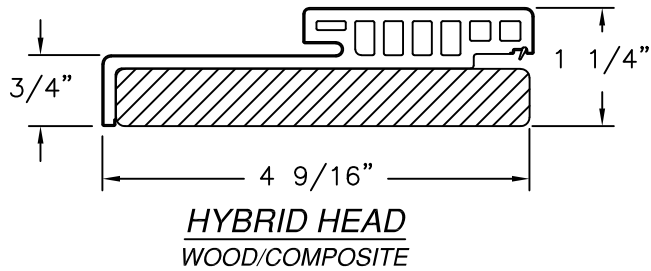
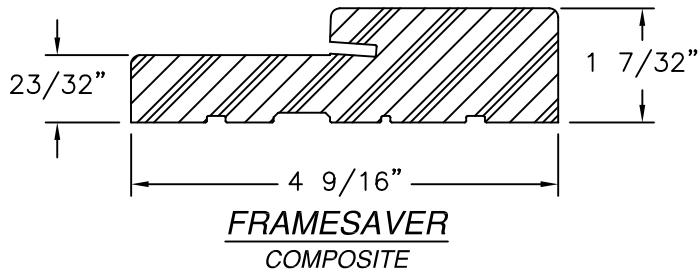
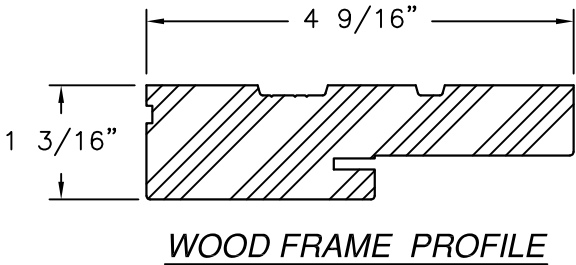
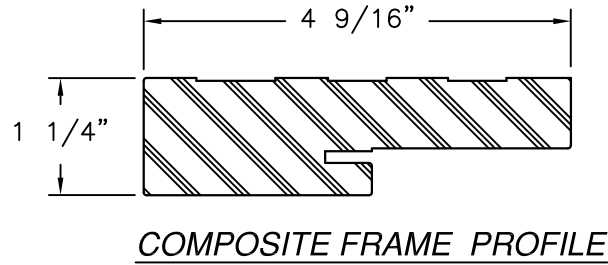
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com



Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
I	REVISED HARDWARE SCHEDULE	09/09/26	R.L.



SIGNED: 09/09/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR
W/TRANSOM NON-IMPACT
COMPONENTS

DRAWN:
N.G.

DWG NO.
08-02086

REV
I

SCALE
NTS

DATE
06/20/13

SHEET
12 OF 12

L. ROBERTO LOMAS P.E.

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