

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED SILLS	01/07/2020	R.L.

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 4) GLAZED UNITS MUST BE GLAZED PER ASTM E1300-04/09 WITH SAFETY GLAZING.
- 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) 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".
- 7) FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #6 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
- 8) ALL FASTENERS TO BE CORROSION RESISTANT.
- 9) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
A. WOOD – G=0.42 MINIMUM SPECIFIC GRAVITY
- 10) FRAME MATERIAL: 18GA. GALVINIZED STEEL BASE AND 19GA. GALVANIZED STEEL CLOSER MINIMUM.
- 11) ALL APPROVED DOOR PANELS MUST BE MANUFACTURED BY PROVIA DOOR, INC.
- 12) UNITS MAY BE INSTALLED WITH EITHER SCHLAGE F-SERIES DOOR KNOB AND F OR B-SERIES DEADBOLT OR EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY OR MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM, SEE HARDWARE SCHEDULE SHEET 2 FOR APPROVED HARDWARE.
- 14) HEAD BASE AND JAMB BASE ARE COPED BUTTED AND JOINED WITH A TAB AND SLOT CONNECTION. THRESHOLD IS ATTACHED TO JAMBS WITH (2) #8 x 1 1/4" PPH SCREWS AT EACH END. HEAD BASE HAS THREE WELD PLATES SPOT WELDED ACROSS FRAME AT 7 3/4" FROM ENDS AND ONE AT CENTER. JAMBS HAVE SIX WELD PLATES SPOT WELDED ACROSS FRAME AT 2 15/16" FROM ENDS WITH FOUR MORE EQUALLY SPACED.

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

REDIFLEX 18GA STEEL 2-PIECE FRAME
SINGLE DOOR IS/OS NON-IMPACT
NOTES

DRAWN:
TJH

DWG NO.
08-00996

REV
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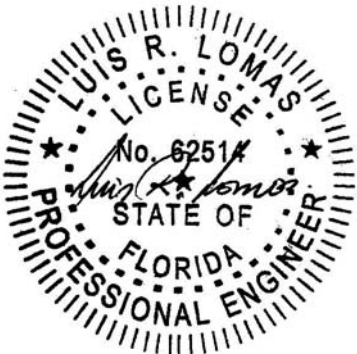
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SHEET 1 OF 7

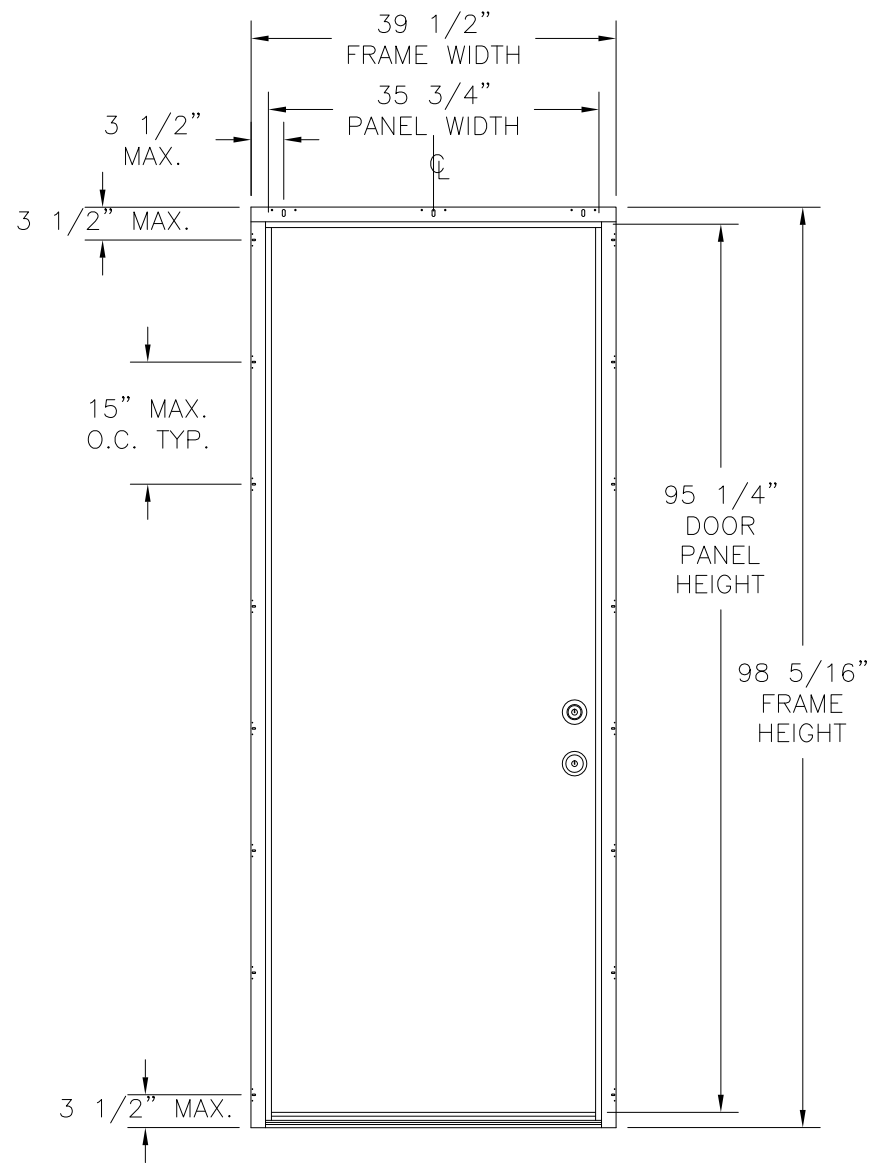
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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2020



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REDIFLEX 18GA. STEEL 2-PIECE FRAME
SINGLE DOOR IS/OS
EXTERIOR VIEW

DOOR PANEL TYPE		PANEL HEIGHT	D.L.O. SIZE	DESIGN PRESSURE RATING	IMPACT RATING	
22GA. STEEL INSWING SINGLE	GLAZED	95"	20 7/16" x 78 7/16"	±44.9PSF	NONE	
22GA. STEEL OUTSWING SINGLE			20" x 78 7/16"			
20GA. STEEL INSWING SINGLE		95 1/4"				21" x 79"
20GA. STEEL OUTSWING SINGLE			83			21 1/4" x 63 1/4"
HERITAGE FIBERGLASS INSWING SINGLE		OPAQUE				95"
HERITAGE FIBERGLASS OUTSWING SINGLE			95 1/4"			
SIGNET FIBERGLASS INSWING SINGLE						GLAZED
SIGNET FIBERGLASS OUTSWING SINGLE	20" x 62 7/16"					
22GA. STEEL INSWING SINGLE		79 1/4"	21" x 63"	±47.0PSF		
22GA. STEEL OUTSWING SINGLE	OPAQUE					79"
HERITAGE FIBERGLASS INSWING SINGLE		79 1/4"				
HERITAGE FIBERGLASS OUTSWING SINGLE	79 1/4"					
22GA. STEEL INSWING SINGLE		79"	N/A			
22GA. STEEL OUTSWING SINGLE	79 1/4"					
HERITAGE FIBERGLASS INSWING SINGLE		79 1/4"				
HERITAGE FIBERGLASS OUTSWING SINGLE	79 1/4"					

35 3/4" X 95 1/4" PANEL SHOWN, OTHER SIZES ARE APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 23.64 FT²

THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND
IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT
IS NOT NEEDED.

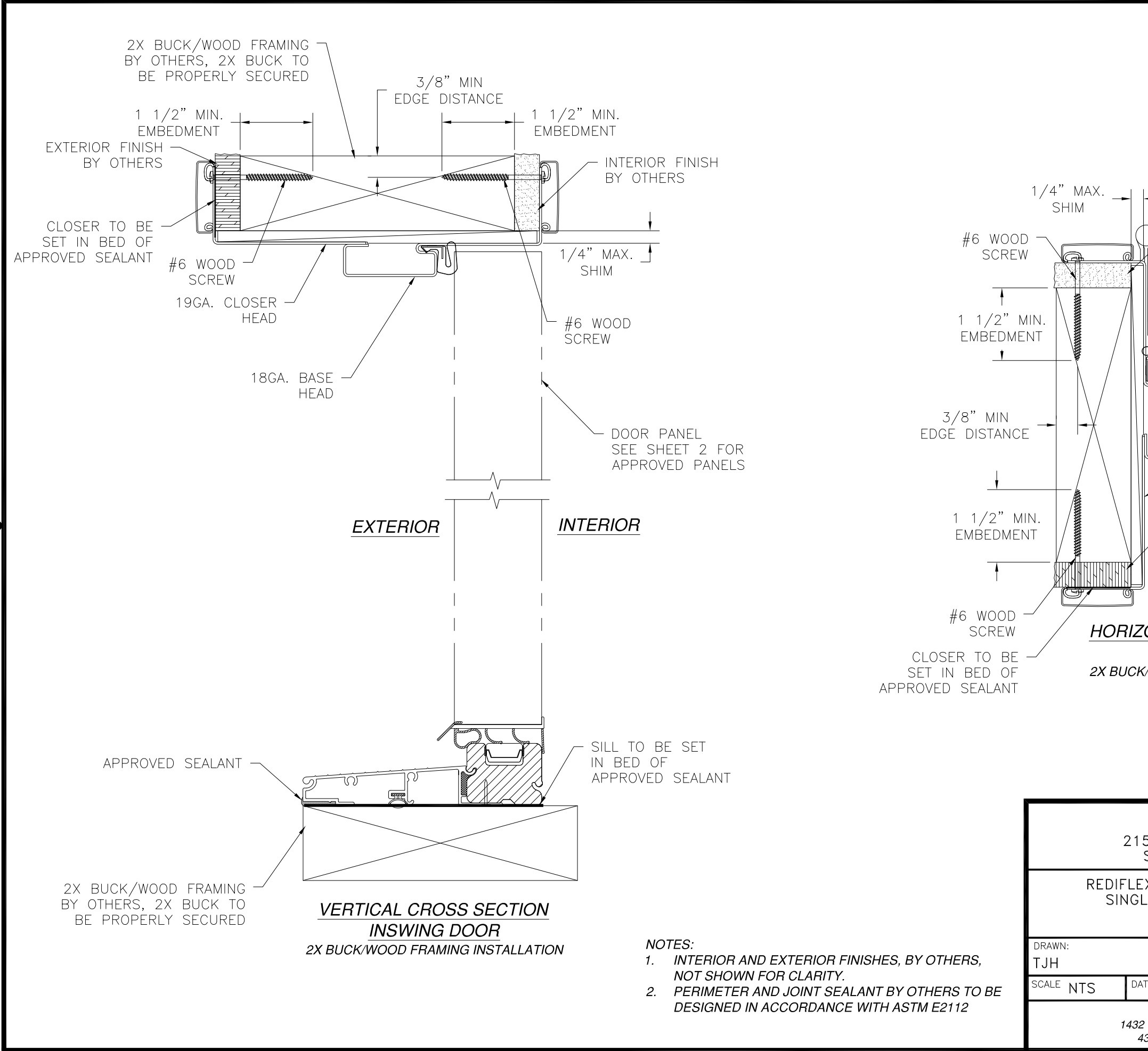
HARDWARE SCHEDULE	
A.	F-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE.
B.	B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
C.	F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
D.	RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE).
E.	MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE).
F.	(3) 4" x 4" BALL BEARING HINGES BY PENROD.
G.	(3) 4" x 4" SPRING BOMMER HINGES BY PENROD. (ALTERNATE)

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REDIFLEX 18GA STEEL 2-PIECE FRAME SINGLE DOOR IS/OS NON-IMPACT ELEVATION		
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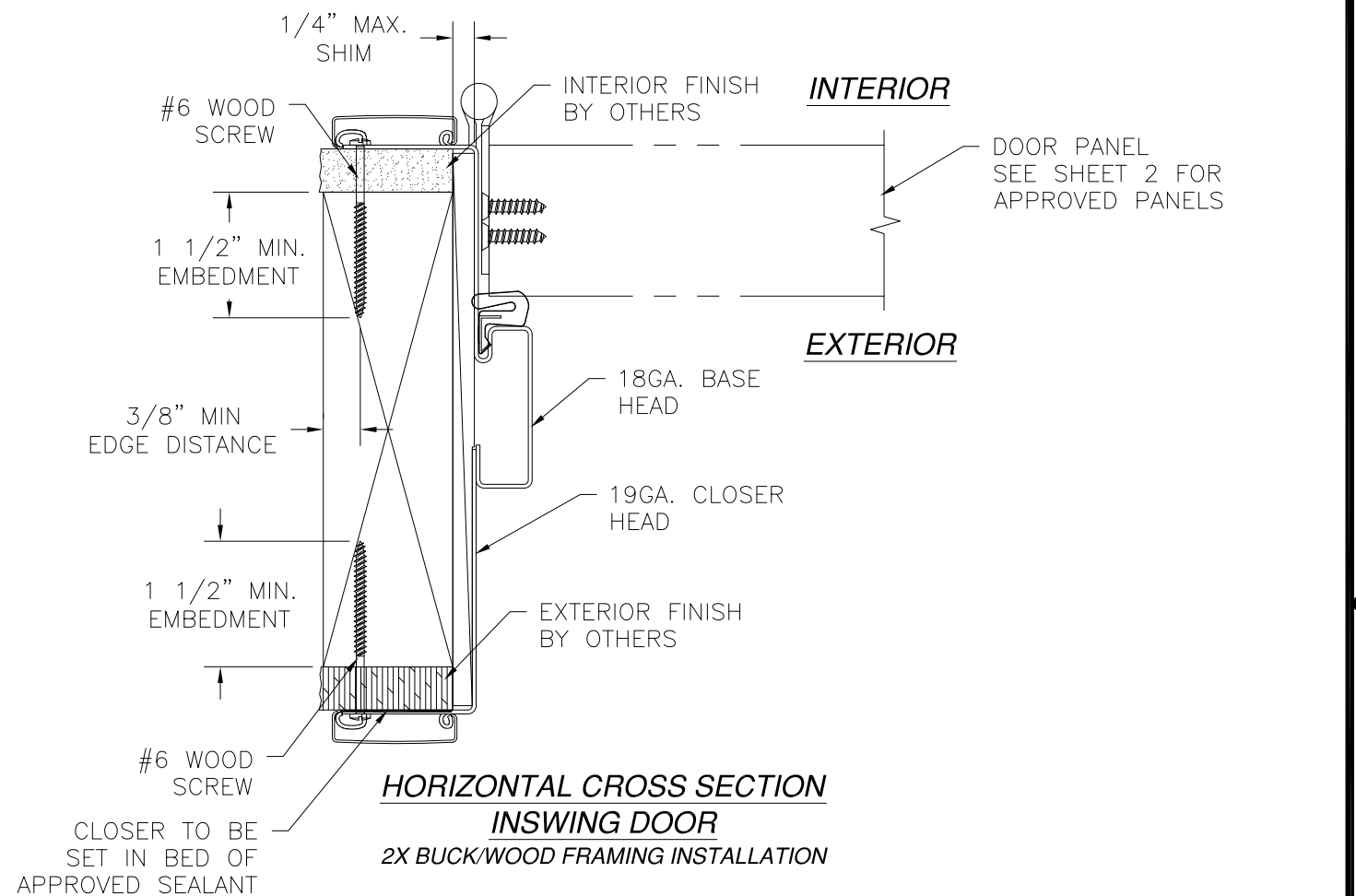
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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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REDIFLEX 18GA STEEL 2-PIECE FRAME
SINGLE DOOR IS/OS NON-IMPACT
INSTALLATION DETAILS

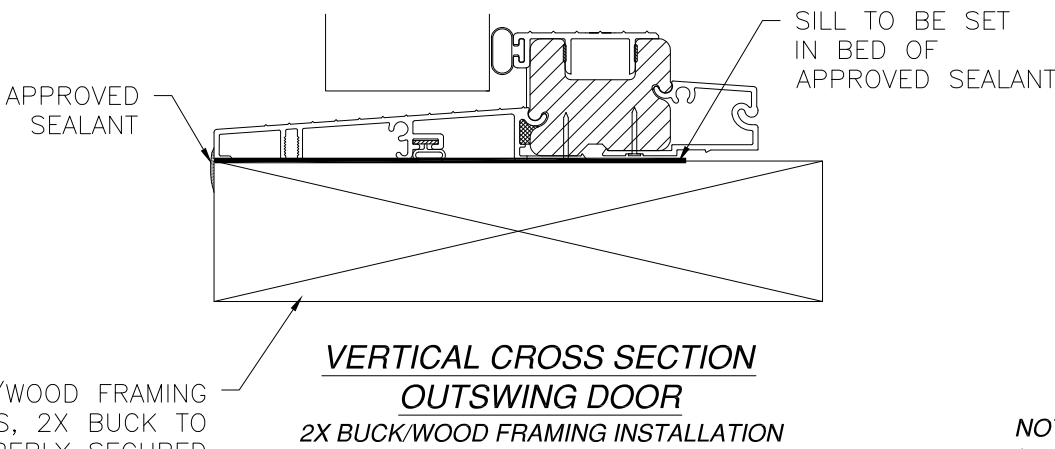
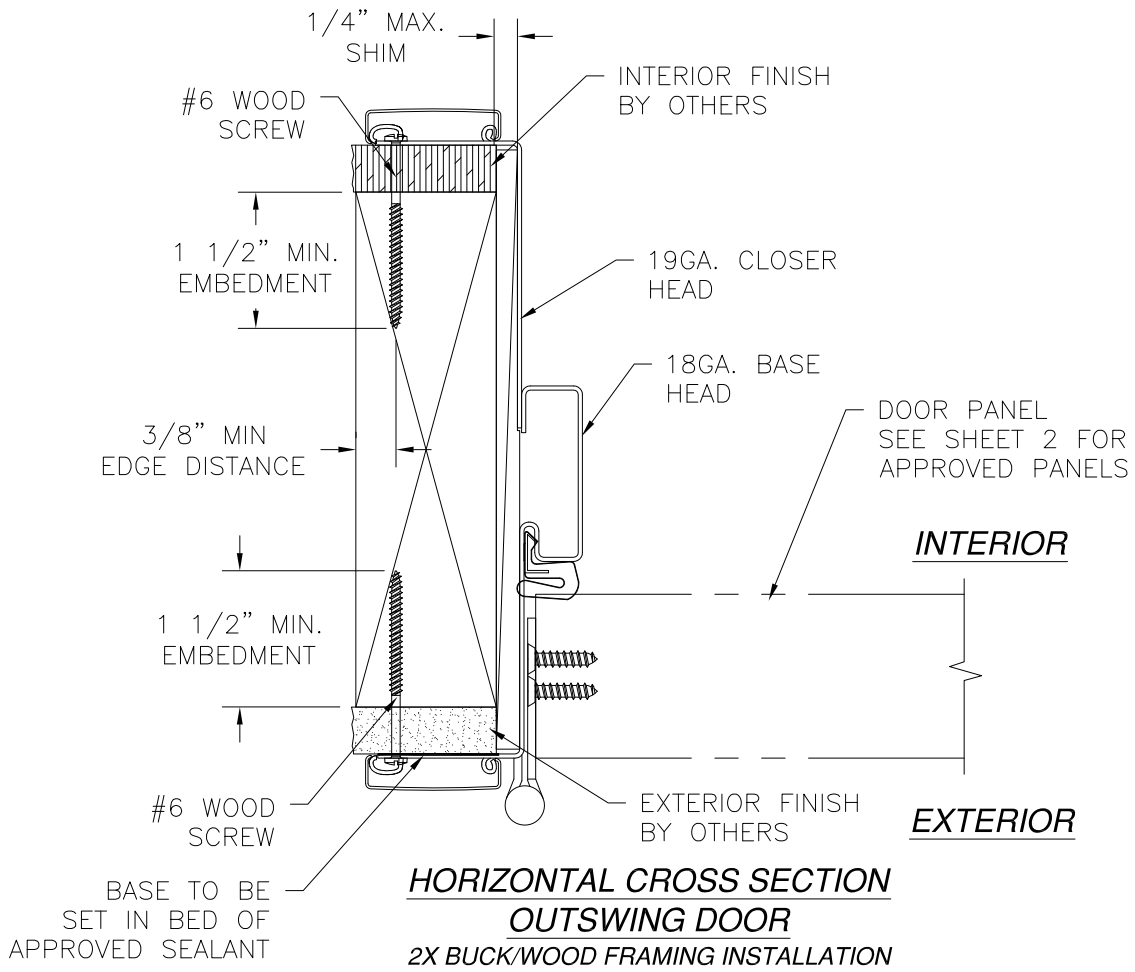
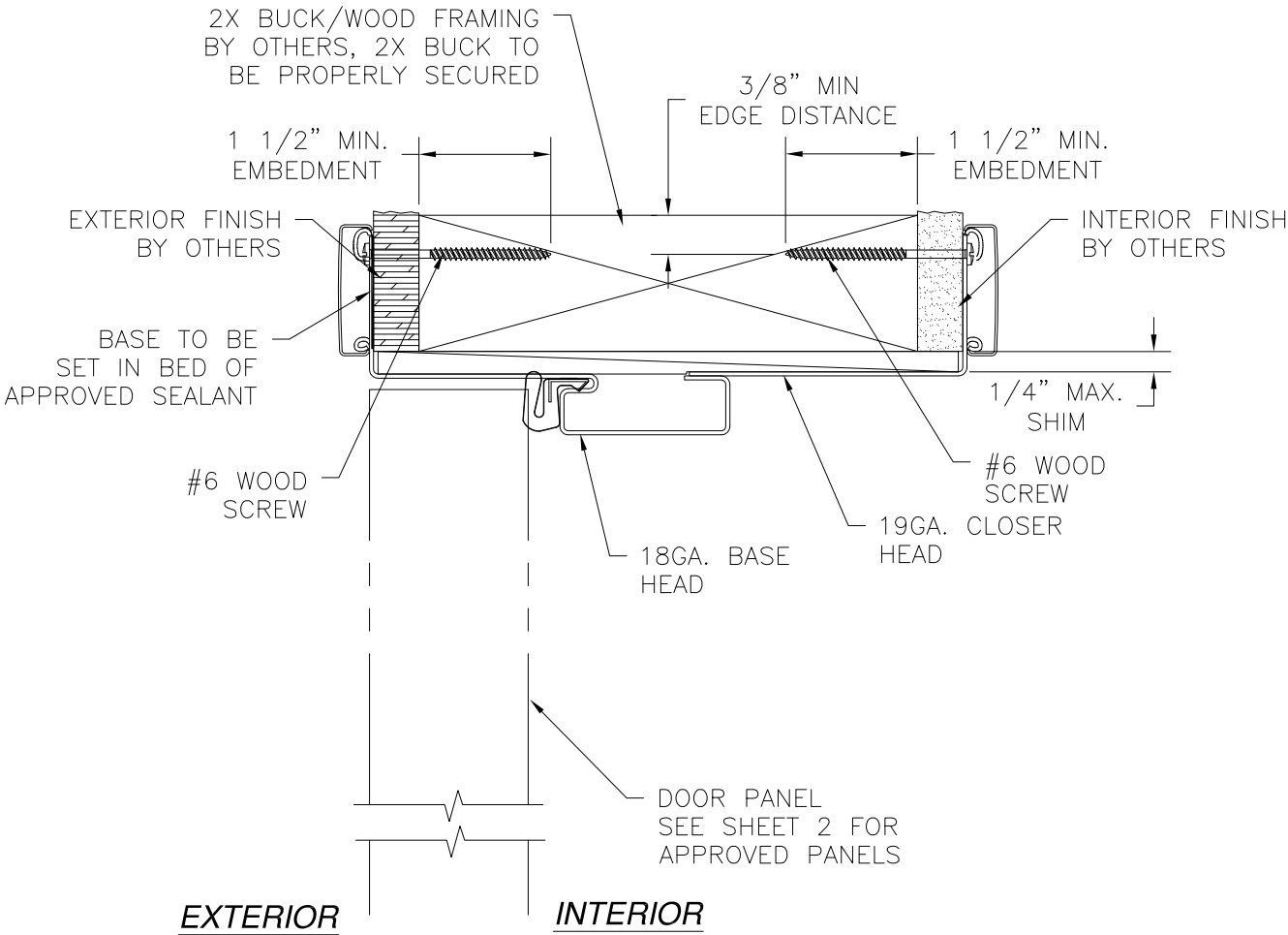
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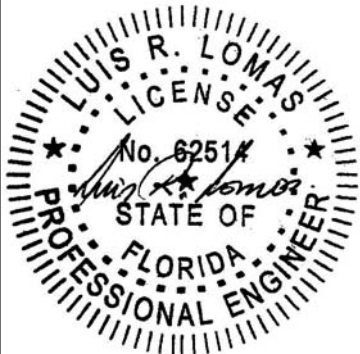
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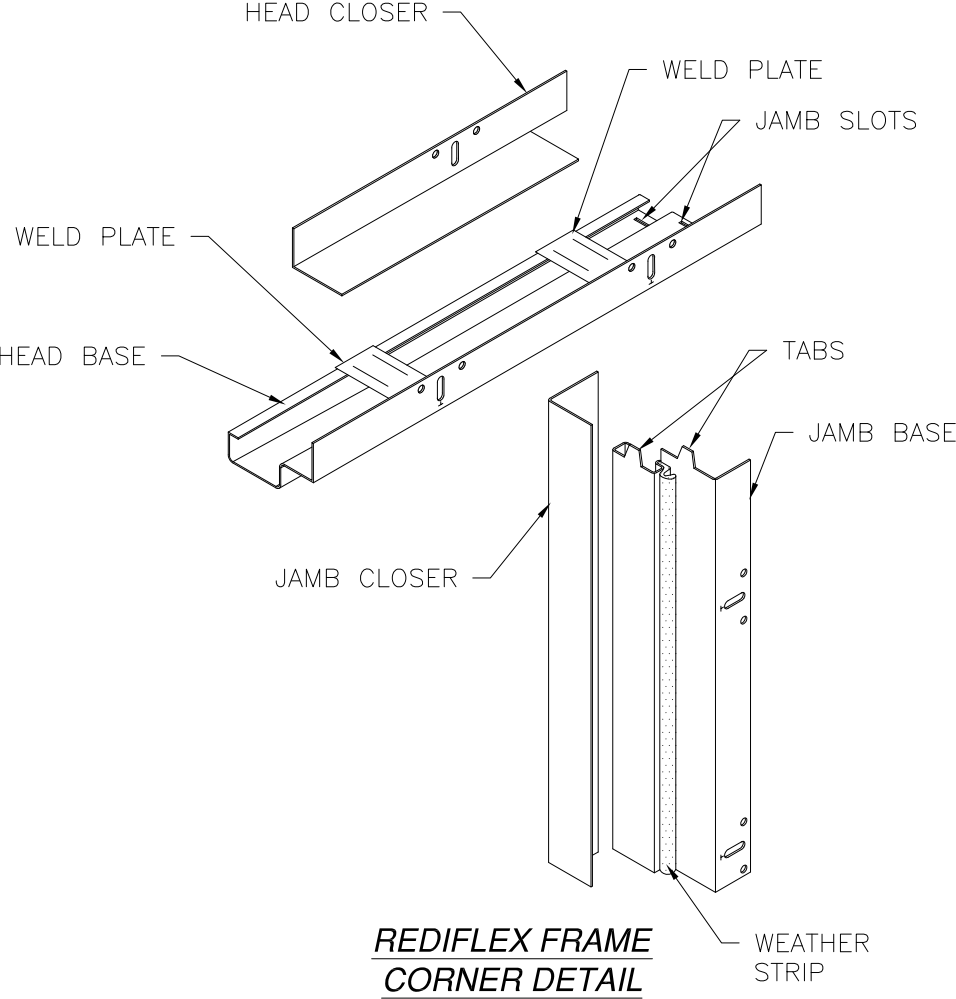
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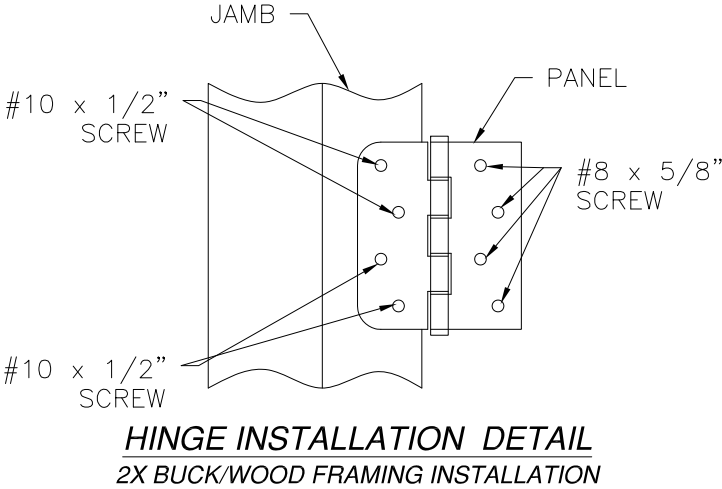


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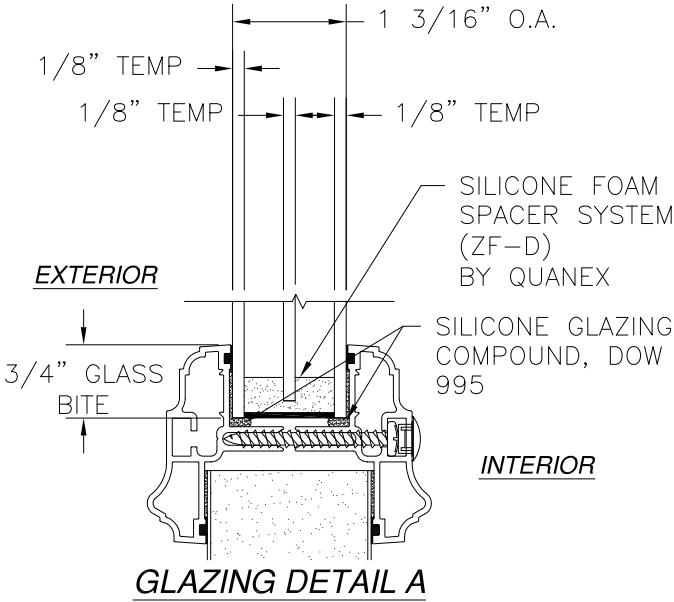
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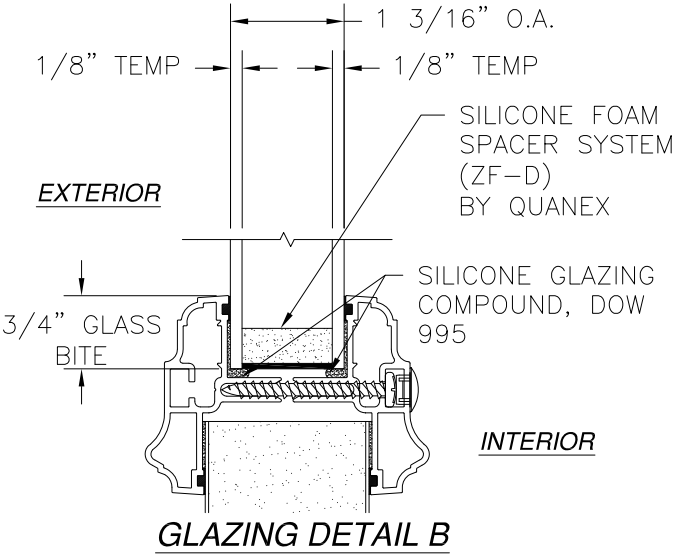
**REDIFLEX FRAME
CORNER DETAIL**



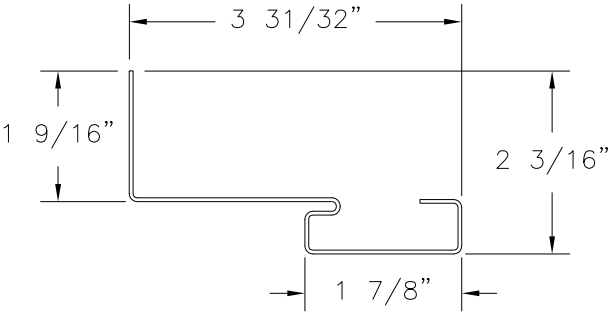
**HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION**



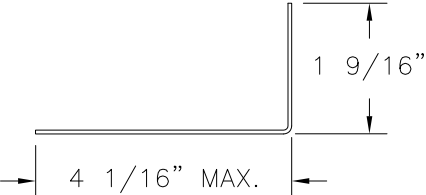
GLAZING DETAIL A



GLAZING DETAIL B



**18GA. BASE FRAME
GALVANIZED SEEL**



**19GA. CLOSER FRAME
GALVANIZED SEEL**

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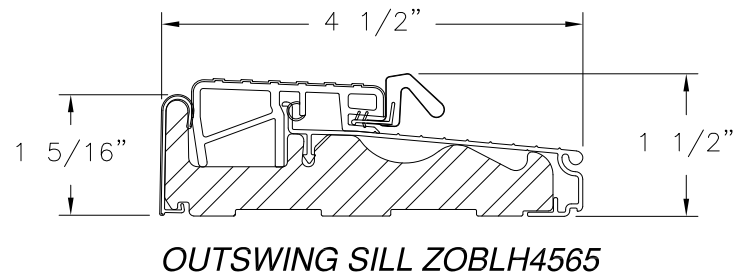
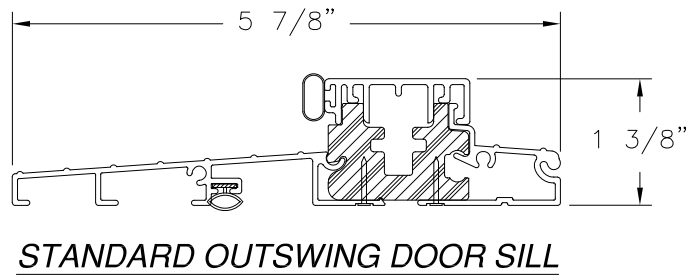
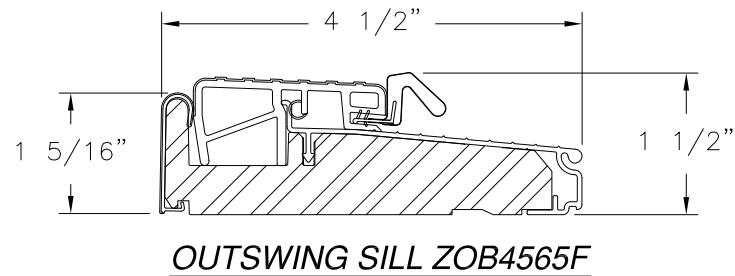
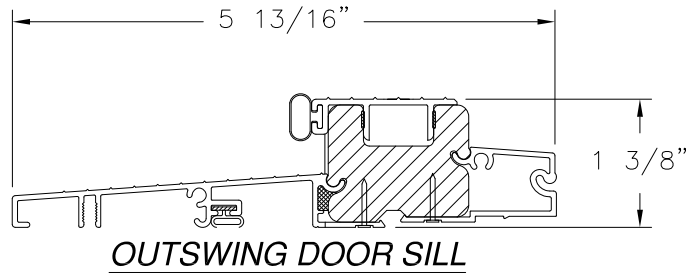
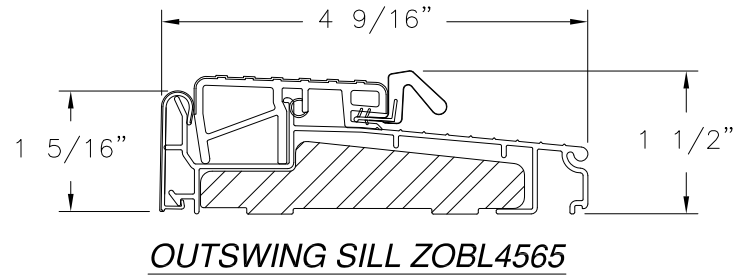
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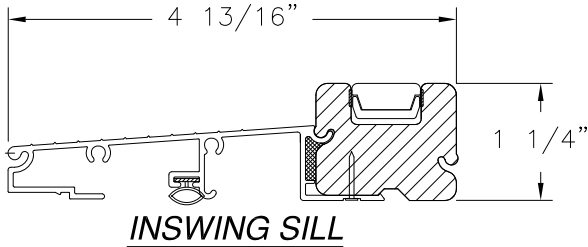
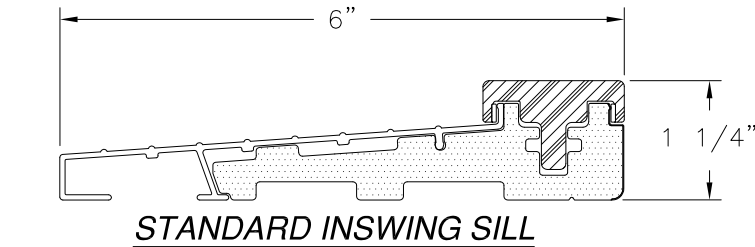
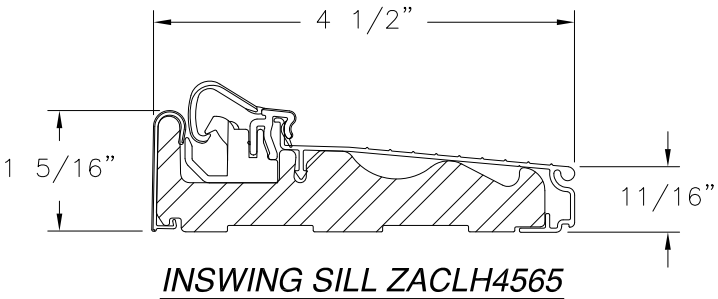
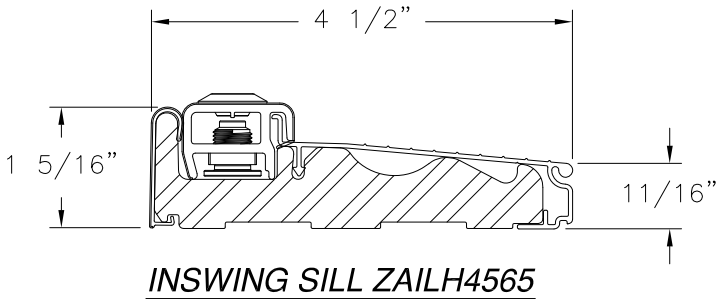
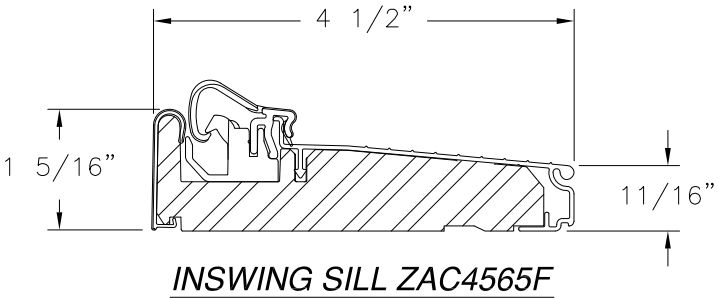
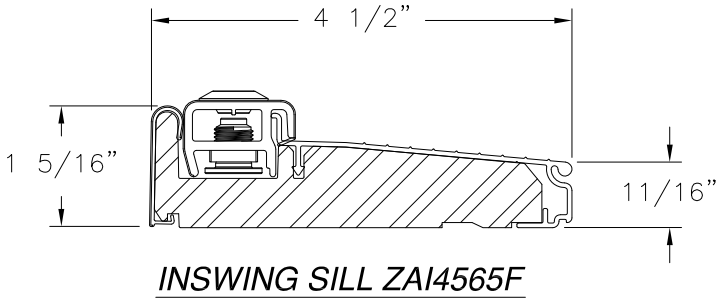
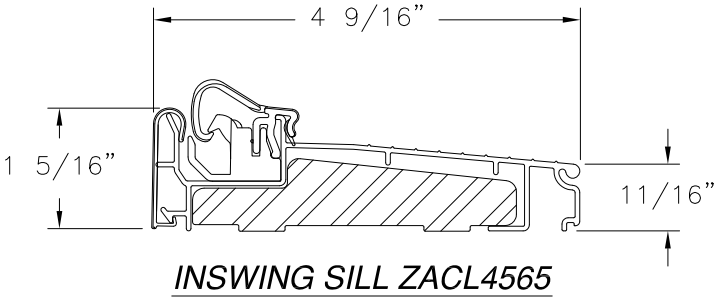
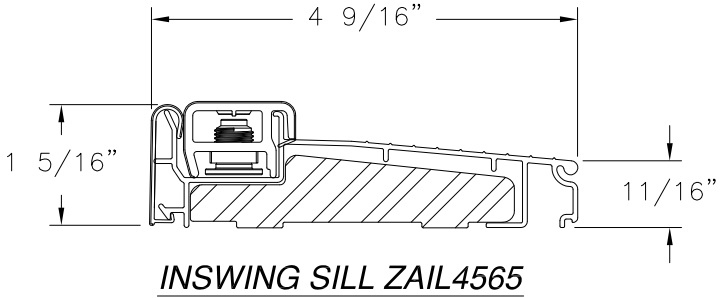


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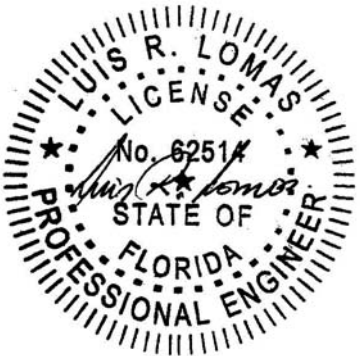
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