

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 NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 4) GLAZED UNITS MUST BE GLAZED PER ASTM E1300-04/09 SEE SHEET 5 FOR GLAZING DETAILS.
- 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. GALVANIZED 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. 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.
- 13)

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

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

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

DRAWN:
TJH

DWG NO.
08-01001

REV
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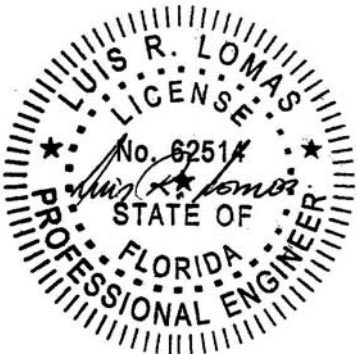
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DATE 04/30/10

SHEET 1 OF 7

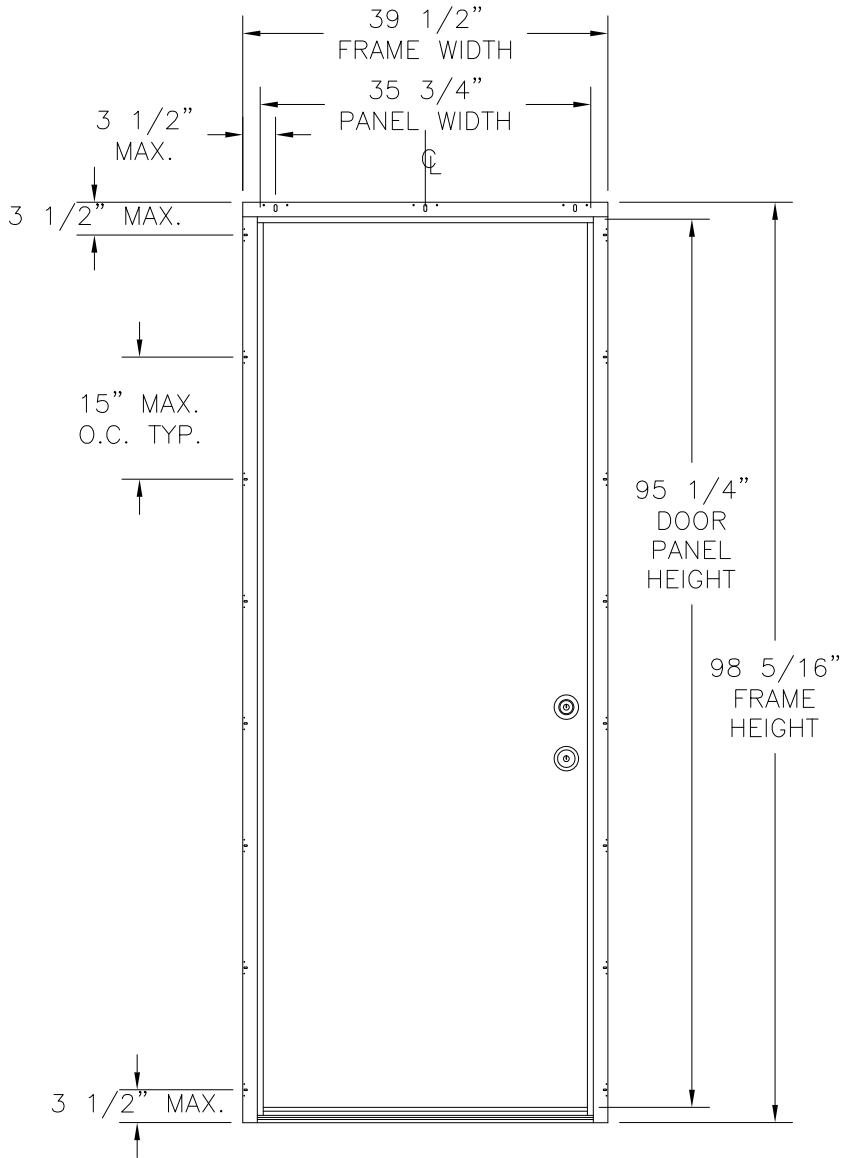
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434-688-0609 rllomas@lrlomaspe.com

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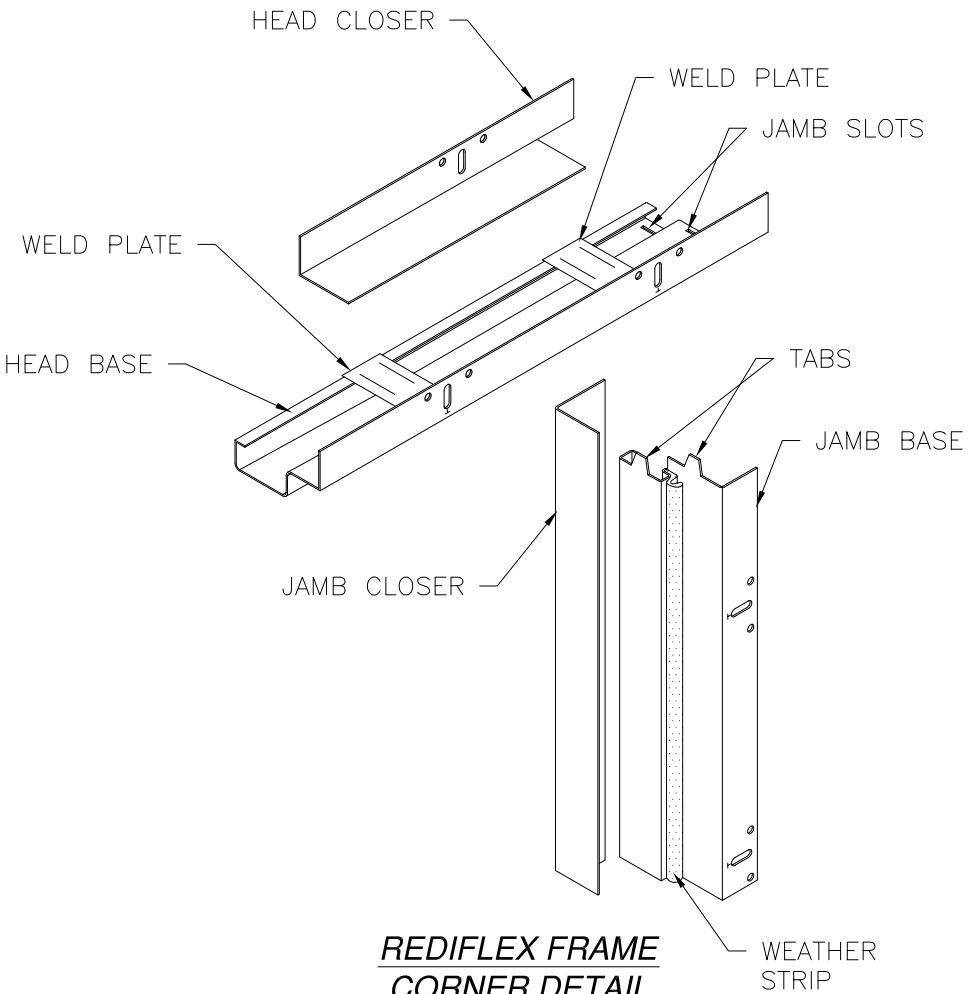


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**REDIFLEX 18GA. STEEL 2-PIECE FRAME
SINGLE DOOR IS/OS
EXTERIOR VIEW**



**REDIFLEX FRAME
CORNER DETAIL**

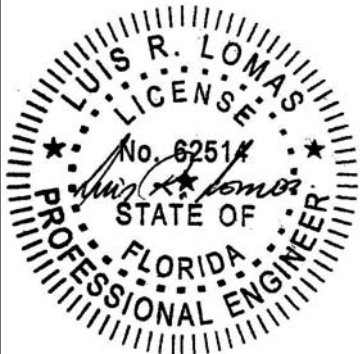
DOOR PANEL TYPE		PANEL HEIGHT	D.L.O. SIZE	DESIGN PRESSURE RATING	IMPACT RATING
22GA. STEEL INSWING SINGLE	GLAZED	95"	20 7/16" x 78 7/16"	±44.9PSF	LARGE AND SMALL MISSILE
22GA. STEEL OUTSWING SINGLE			N/A		
22GA. STEEL INSWING SINGLE	OPAQUE	95 1/4"			
22GA. STEEL OUTSWING SINGLE		79 1/4"			
PREMIUM FIBERGLASS INSWING SINGLE		95 1/4"			
PREMIUM FIBERGLASS OUTSWING SINGLE					
PREMIUM FIBERGLASS INSWING SINGLE					
PREMIUM FIBERGLASS OUTSWING SINGLE	OPAQUE	79 1/4"	N/A	±47.0PSF	
HERITAGE FIBERGLASS INSWING SINGLE					
HERITAGE FIBERGLASS OUTSWING SINGLE					
22GA. STEEL INSWING SINGLE					GLAZED
22GA. STEEL OUTSWING SINGLE	N/A				
22GA. STEEL INSWING SINGLE		OPAQUE	79 1/4"		
22GA. STEEL OUTSWING SINGLE					
HERITAGE FIBERGLASS INSWING SINGLE					
HERITAGE FIBERGLASS OUTSWING SINGLE					

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

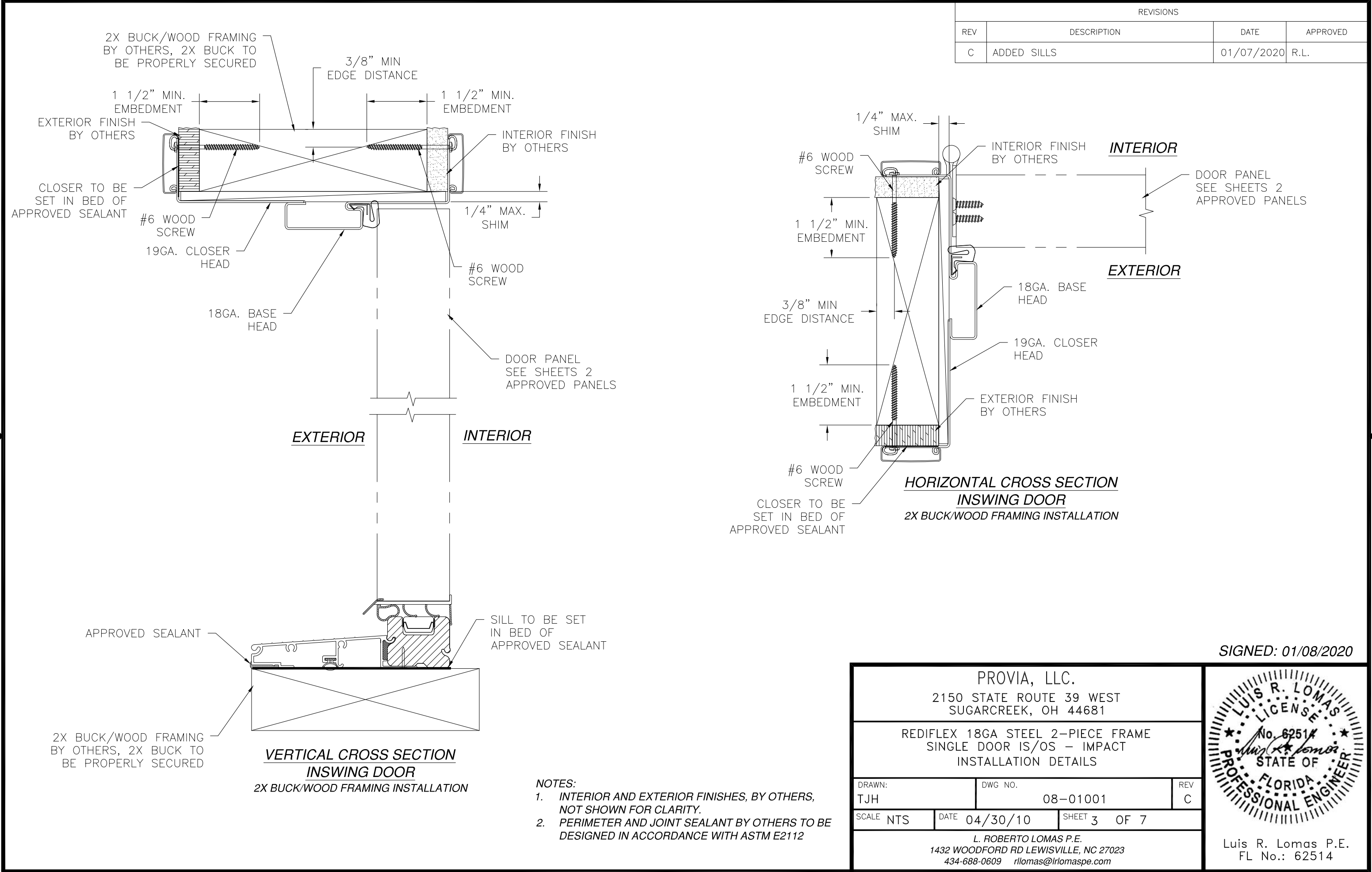
HARDWARE SCHEDULE
A. F-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE.
B. B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
C. F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
D. RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE).
E. MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE).
F. (3) 4" x 4" BALL BEARING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

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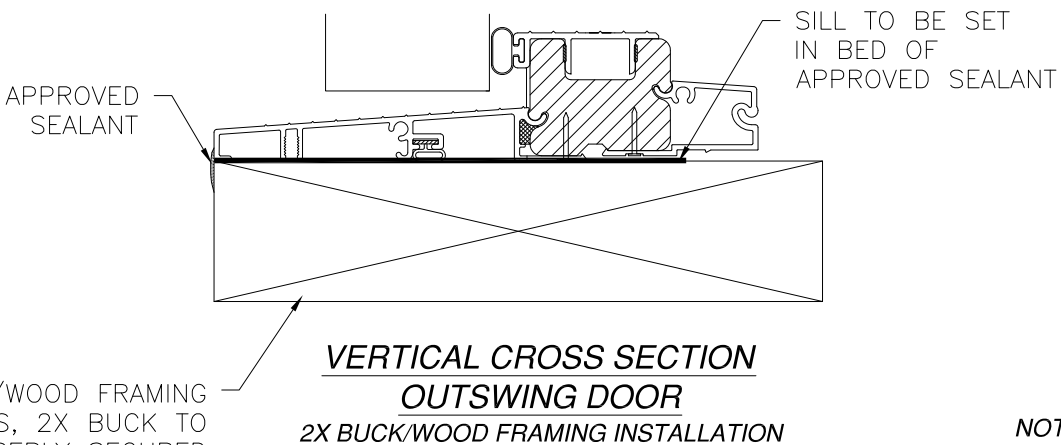
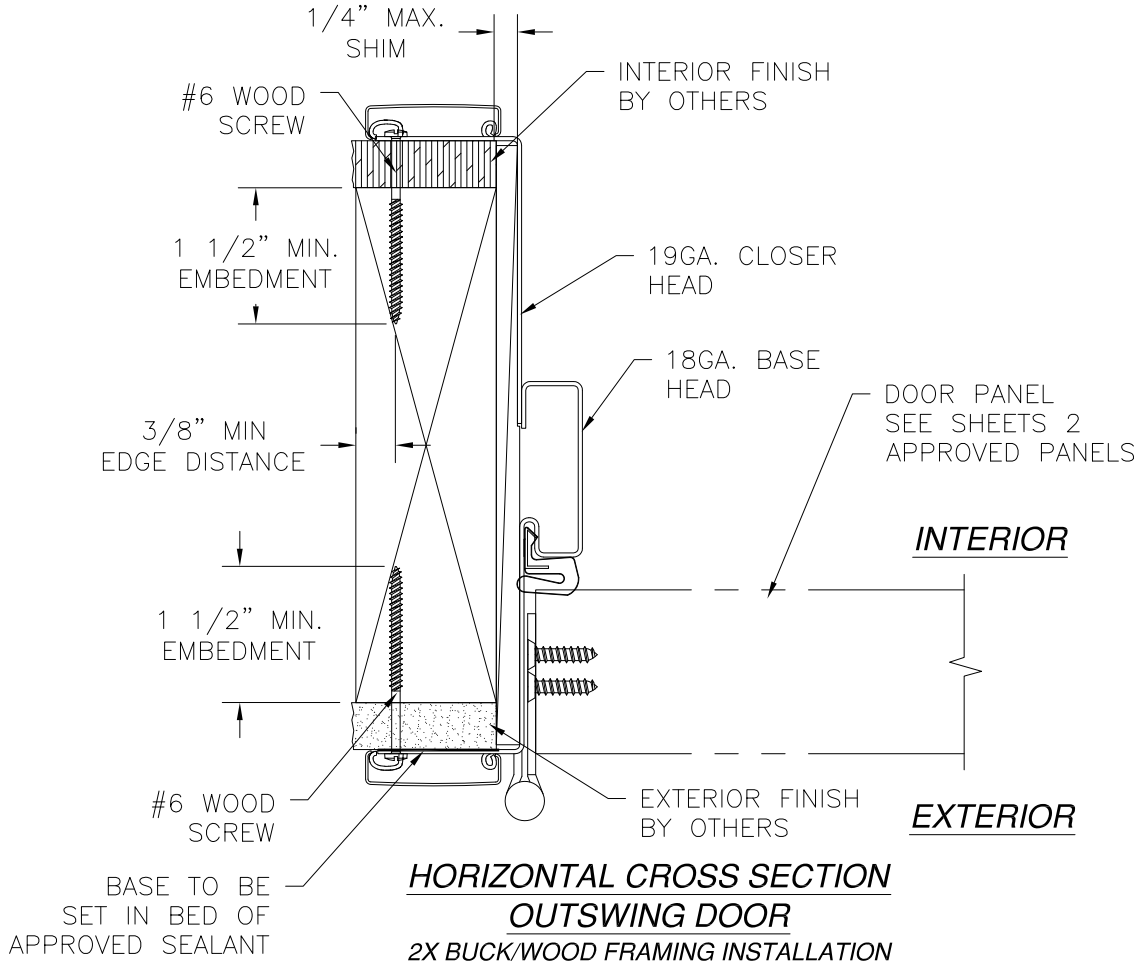
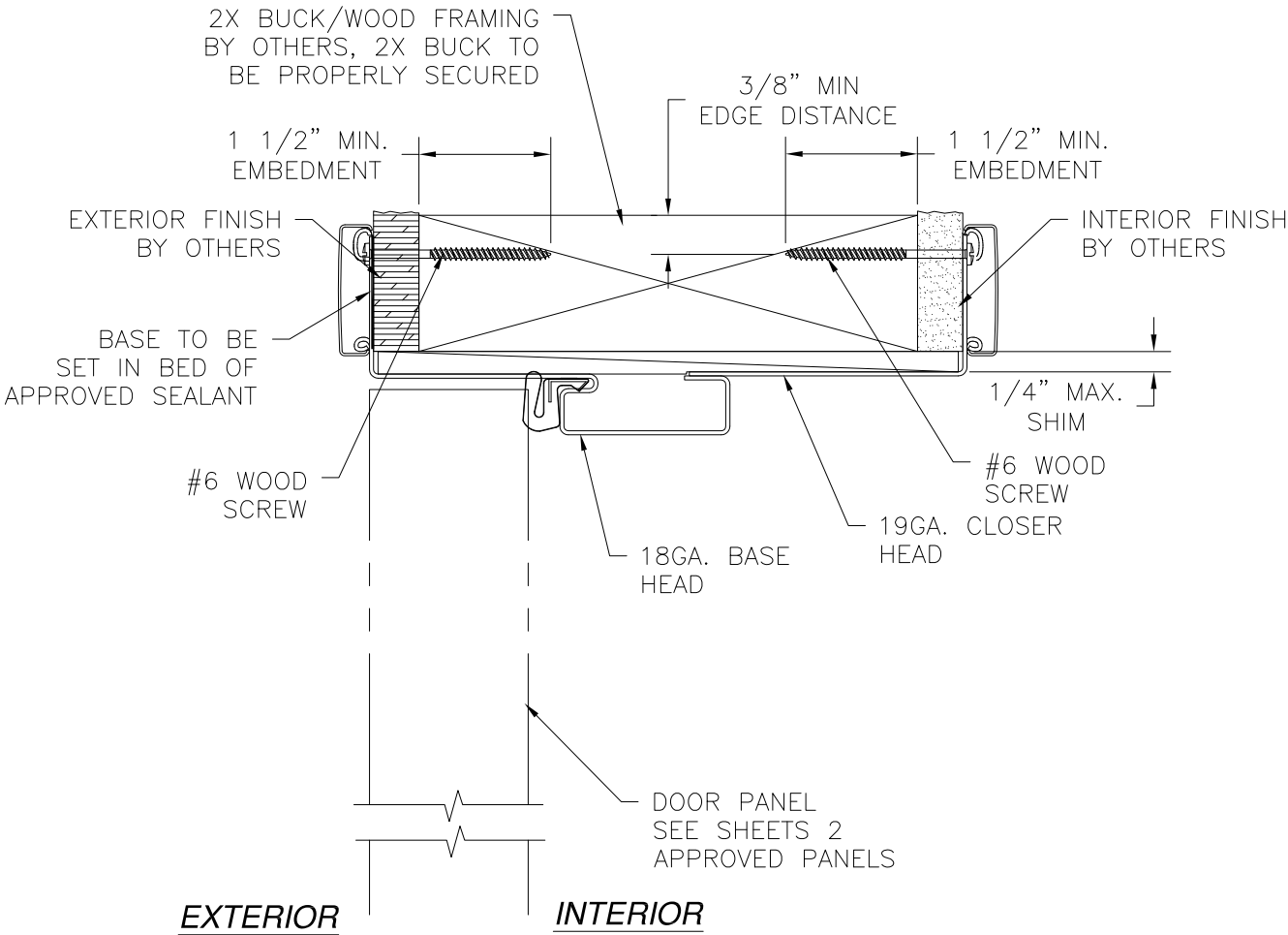
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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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SINGLE DOOR IS/OS - IMPACT
INSTALLATION DETAILS

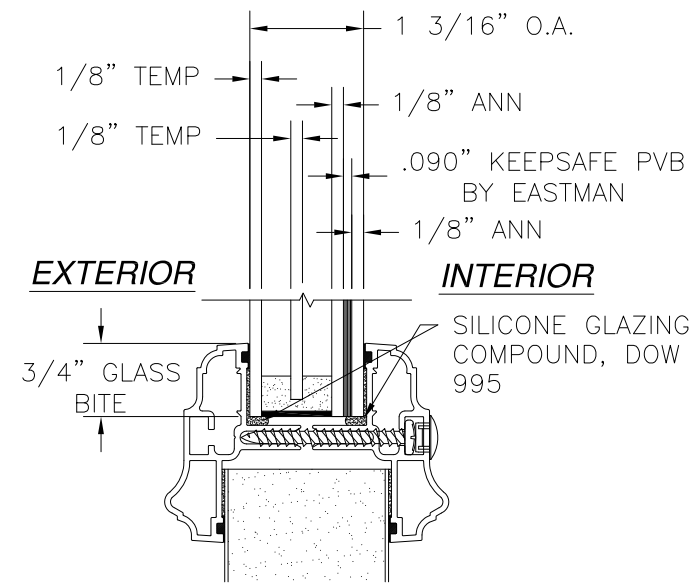
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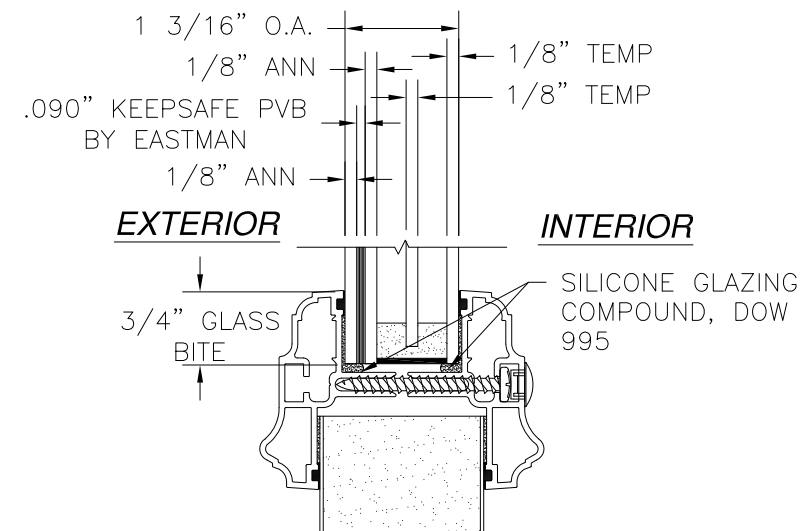
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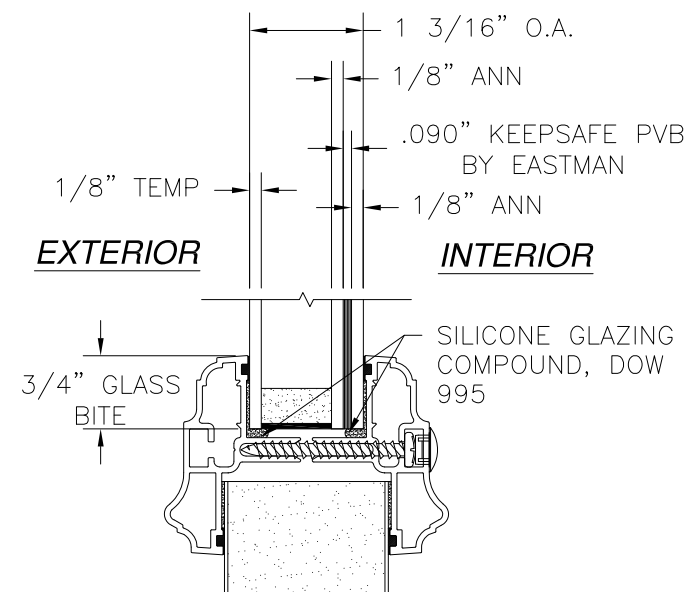
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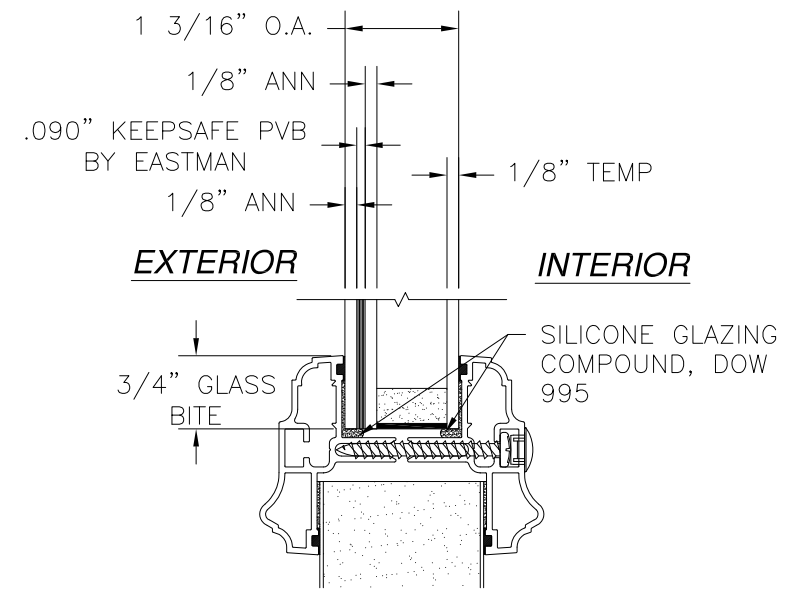
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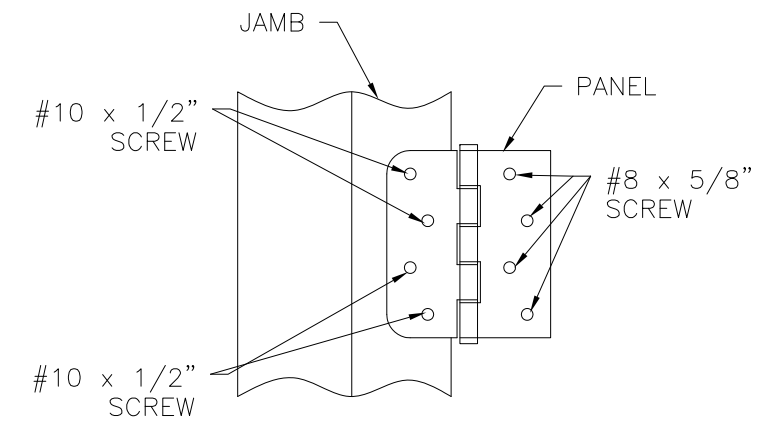
GLAZING DETAIL B



GLAZING DETAIL C



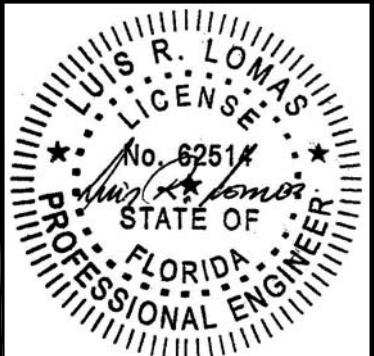
GLAZING DETAIL D



HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION

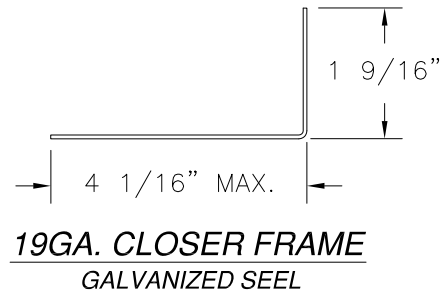
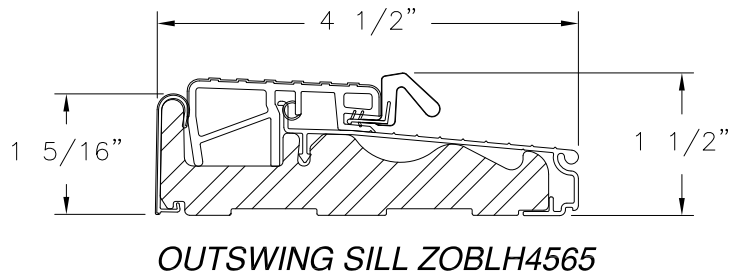
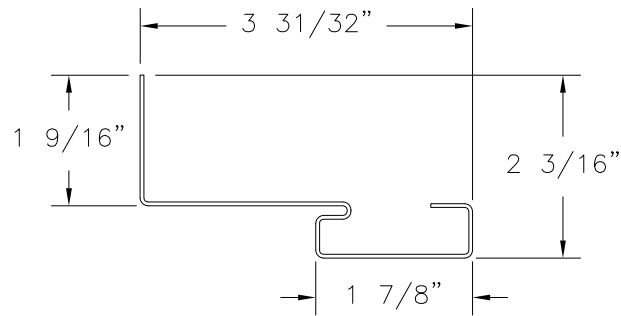
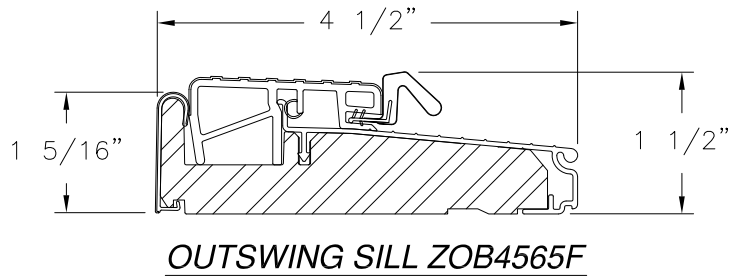
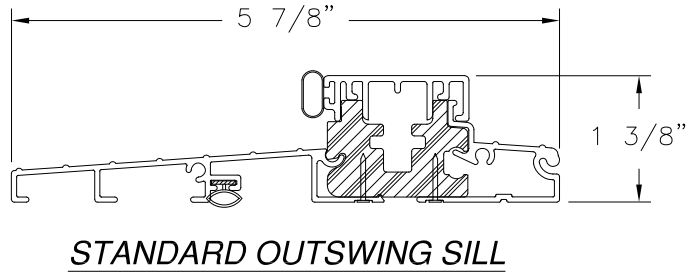
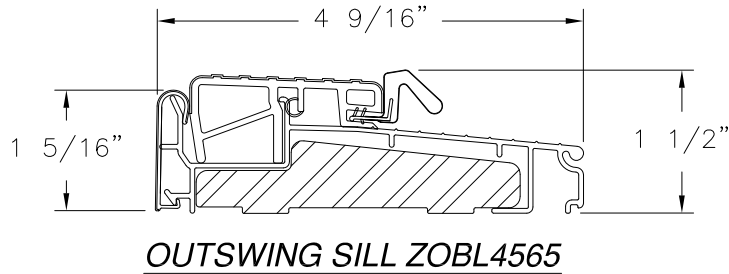
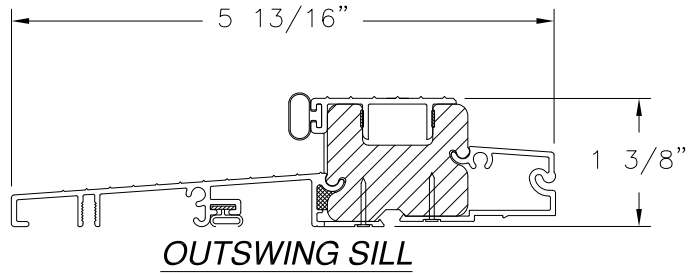
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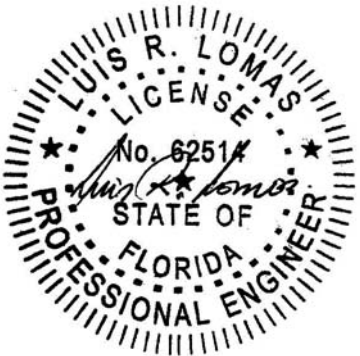
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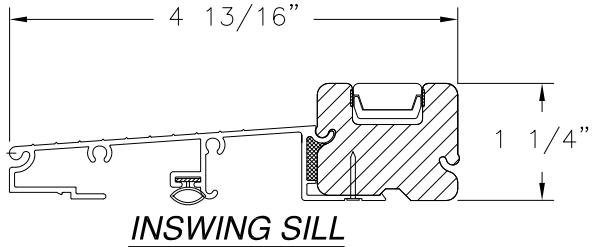
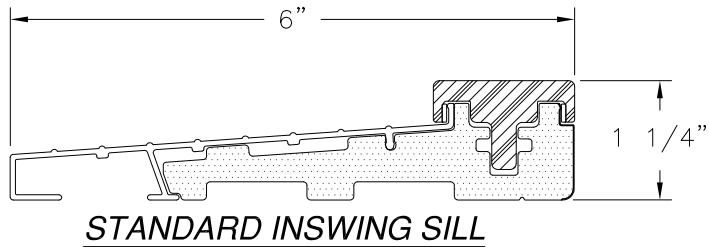
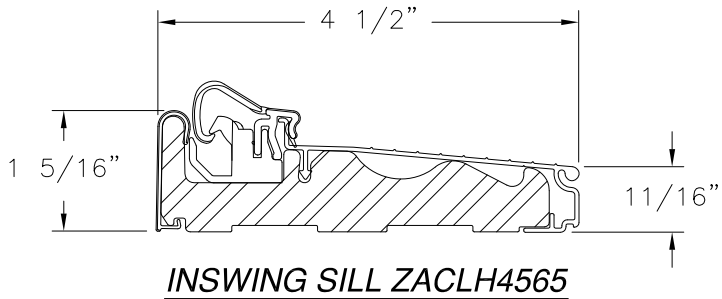
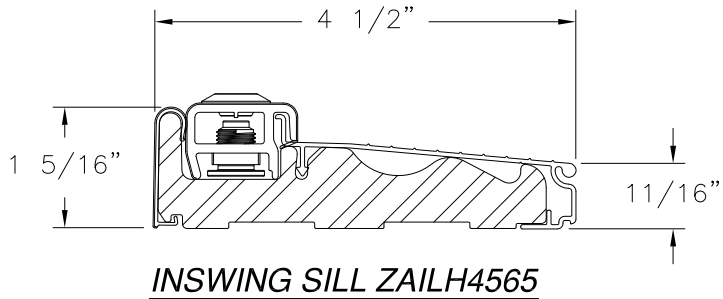
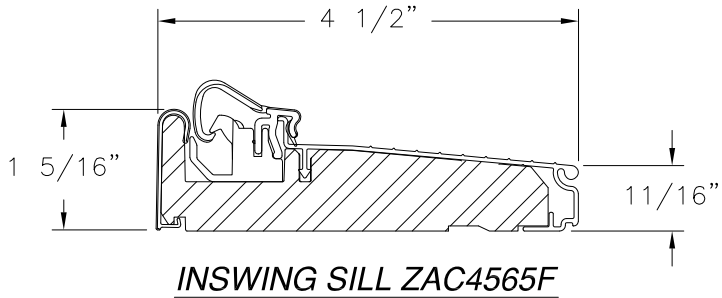
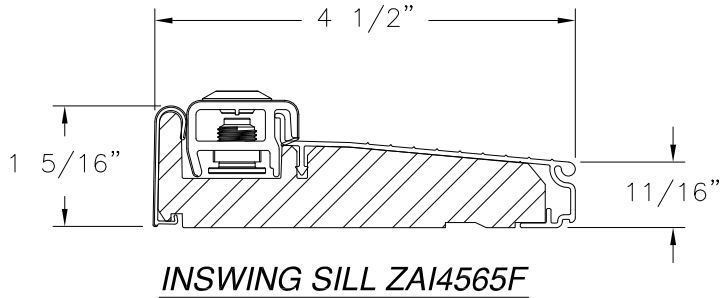
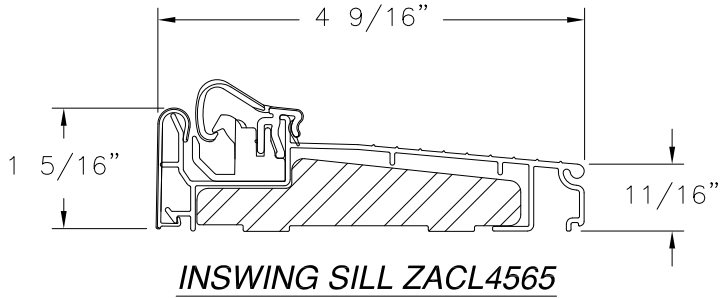
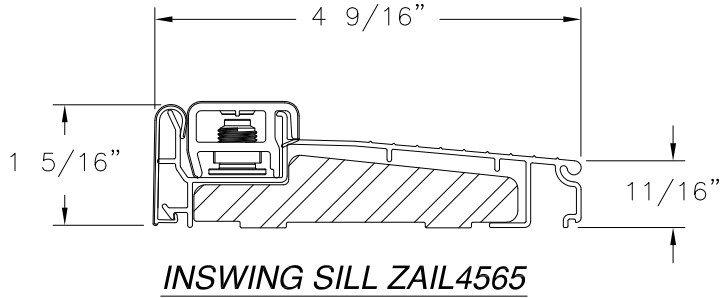
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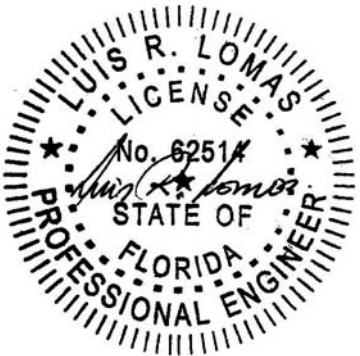
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