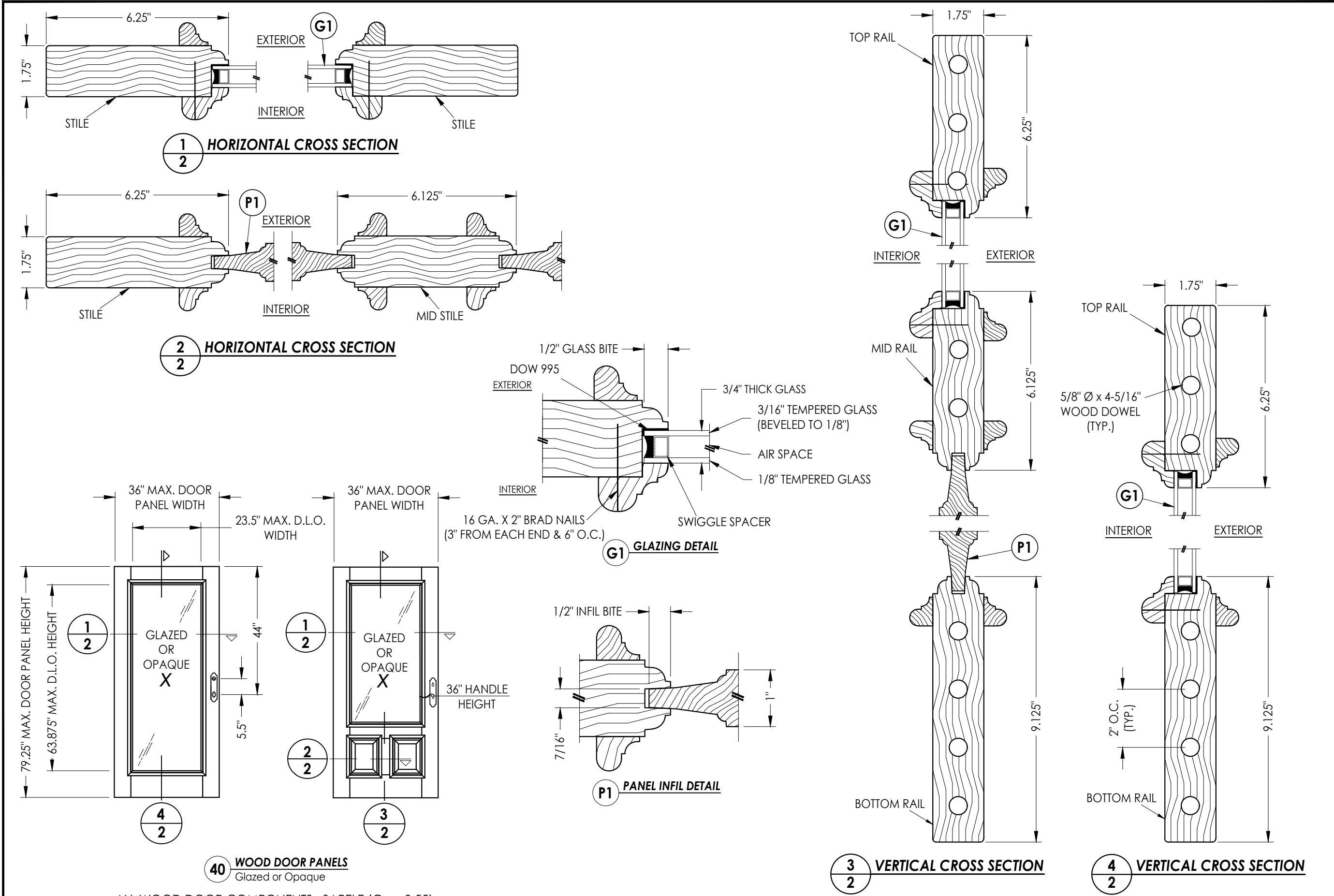
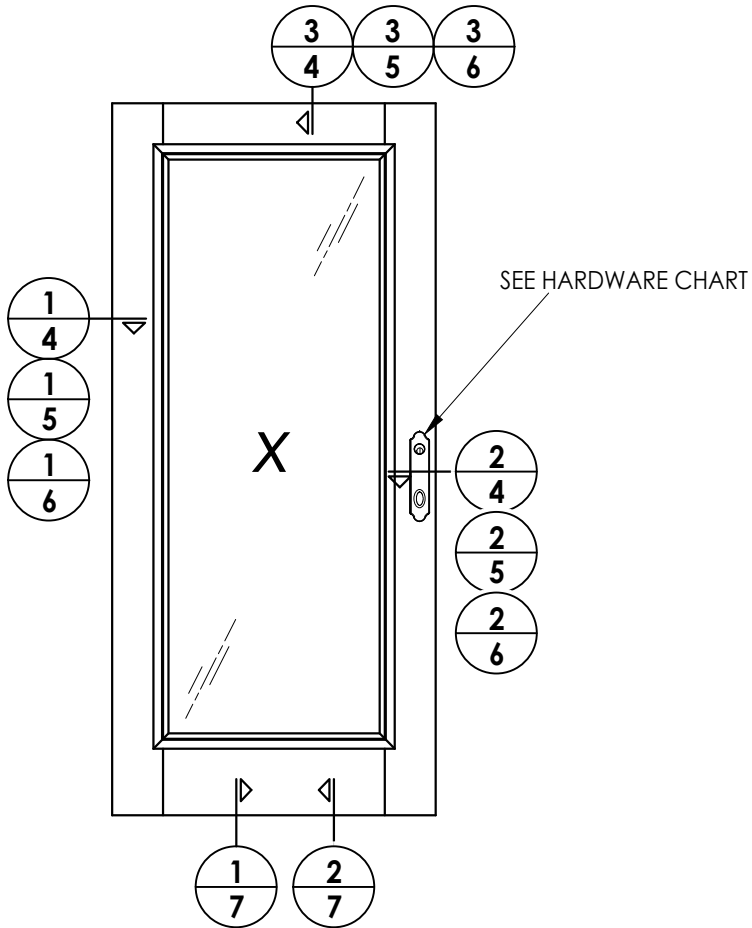


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ALL WOOD DOOR COMPONENTS: SAPELE (G => 0.55)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR		DOOR PANEL DETAILS
	PART OR ASSEMBLY:		
	LFS	FBC	BY
	LFS	FBC	DATE
	LFS	FBC	NO.
	JK	FBC	DATE
REVISIONS			
4	9/01/26	UPDATE TO 9TH ED. (2026)	FBC
3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC
1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC
DATE: 8/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20800.1			
SHEET 2 OF 10			



Hardware Table	
Manufacturer	Model
Ridgecrest (SURE-LOC)	<u>Handle Set Lock & Deadbolt:</u> Rustic Series
G-U	<u>Multipoint Lock (3-pt Tongue):</u> Secury Automatic Door Lock for Lever Handle (6-35856-01-R-8B) <u>Mortise Lock Trim:</u> EMTEK

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20800.1

SHEET 3 OF 10

4	9/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS					
3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS					
1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC	JK					
NO.	DATE			BY					
REVISIONS									

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

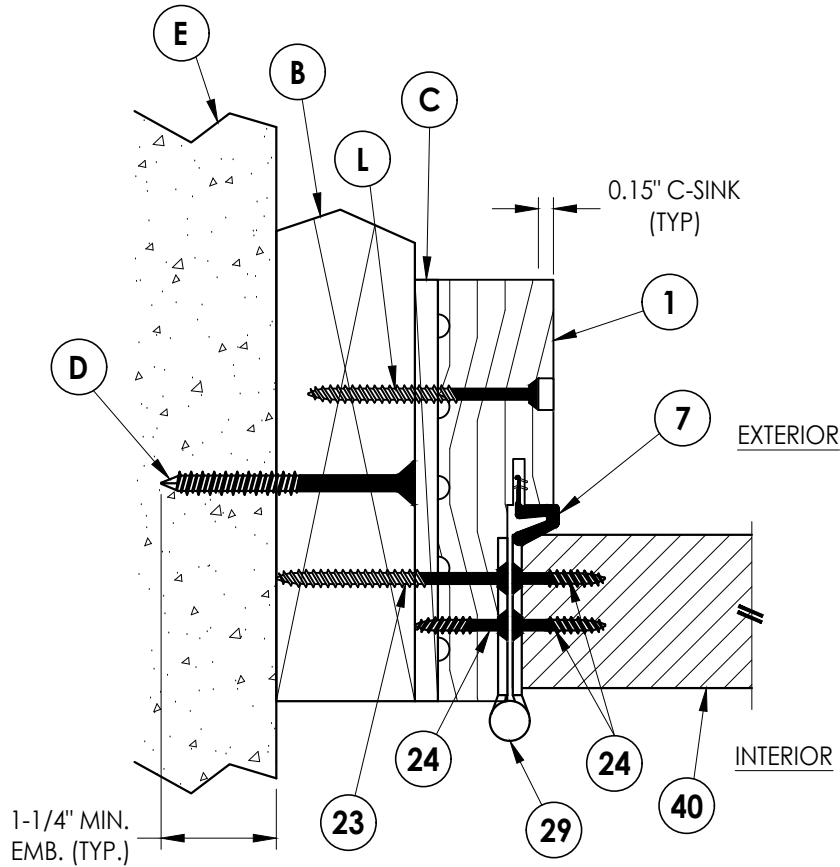
PART OR ASSEMBLY:
ELEVATIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

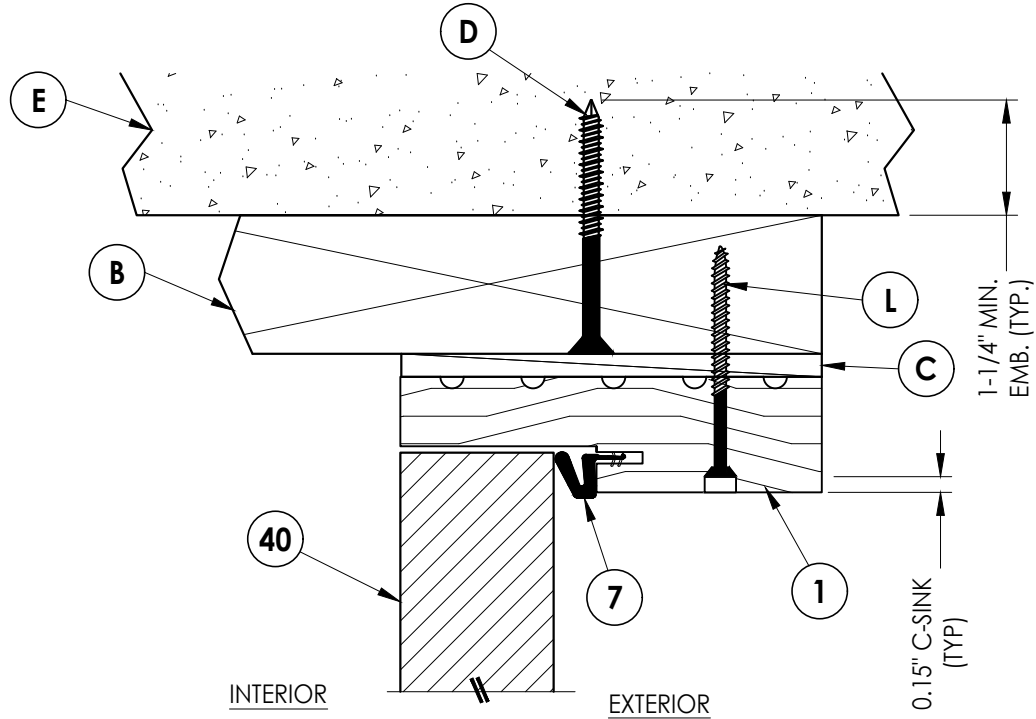
RW

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Phone No.: 813.659.9197
FBPE Registry No. 9813

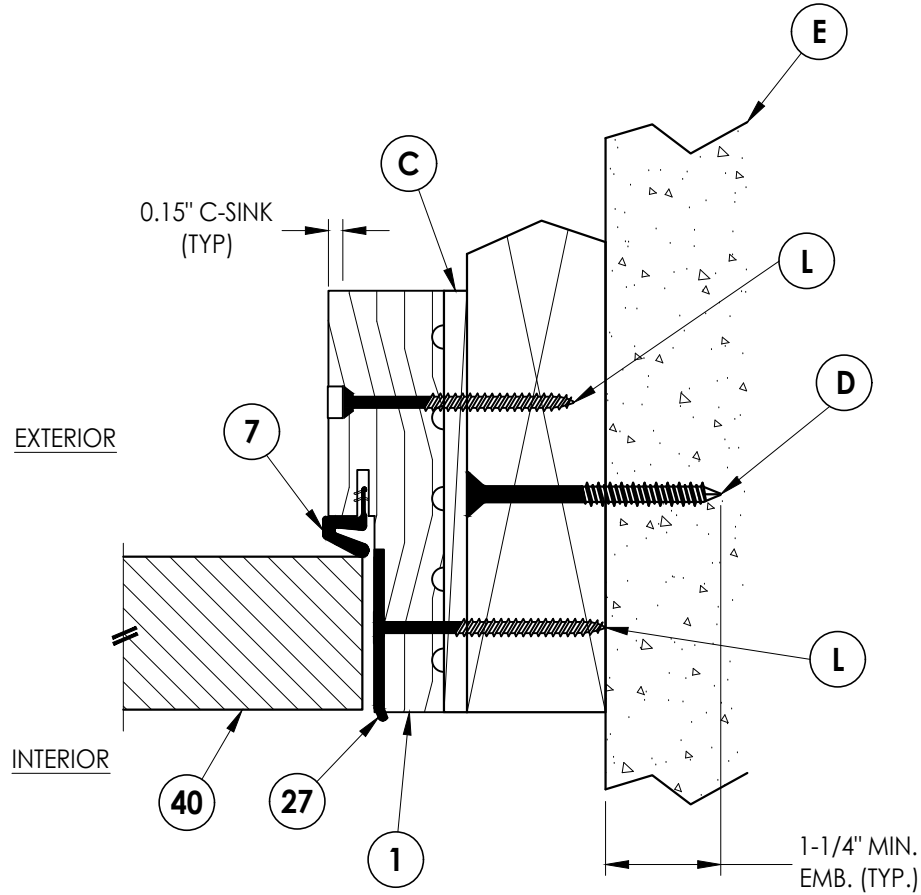
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R4\FL-20800.1-3.dwg



1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



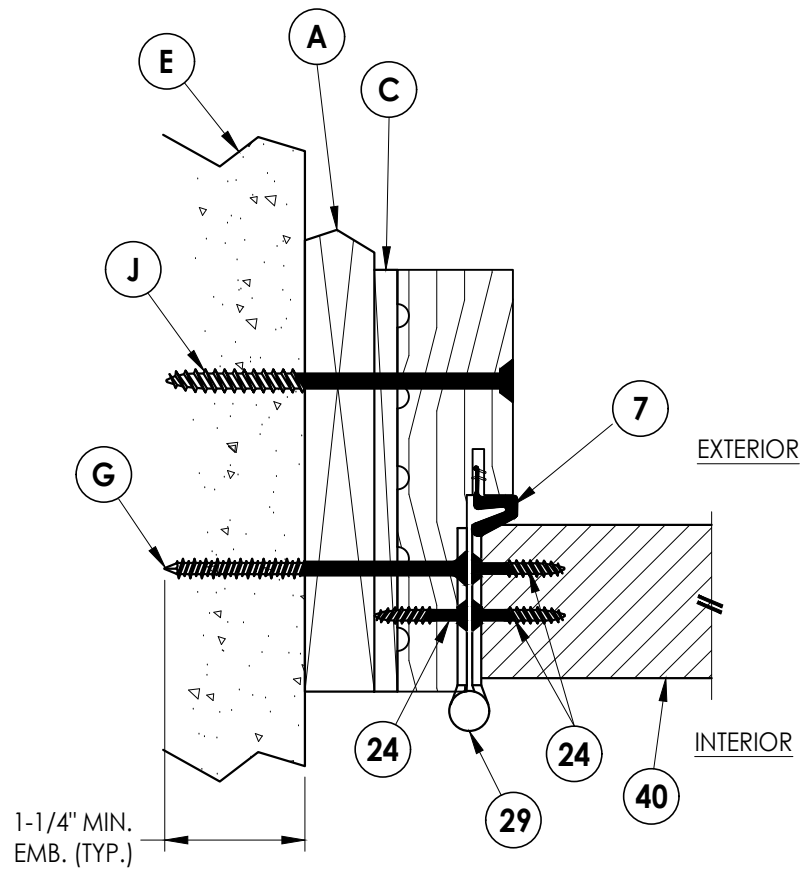
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4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



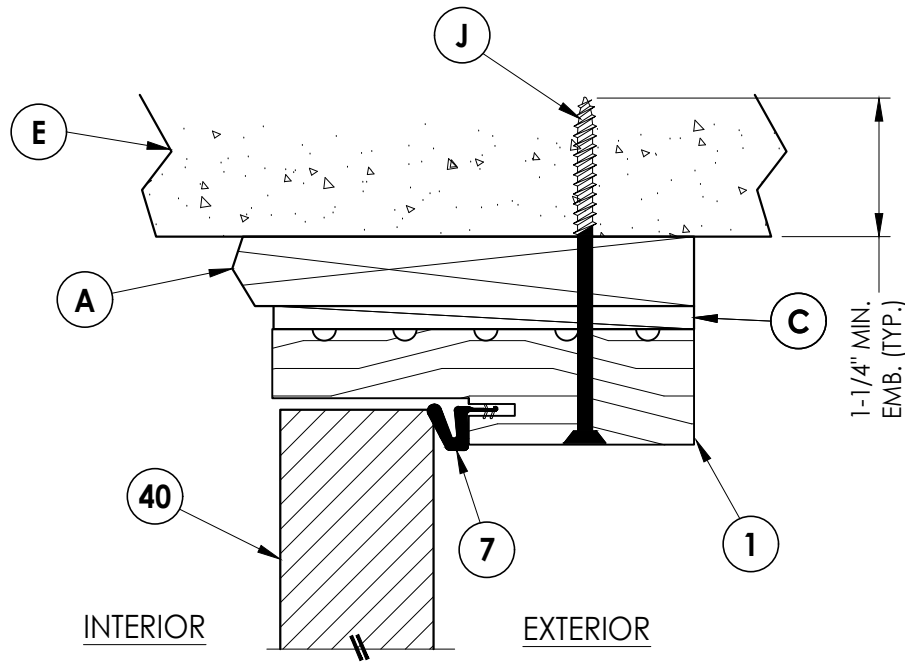
2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)

		</							

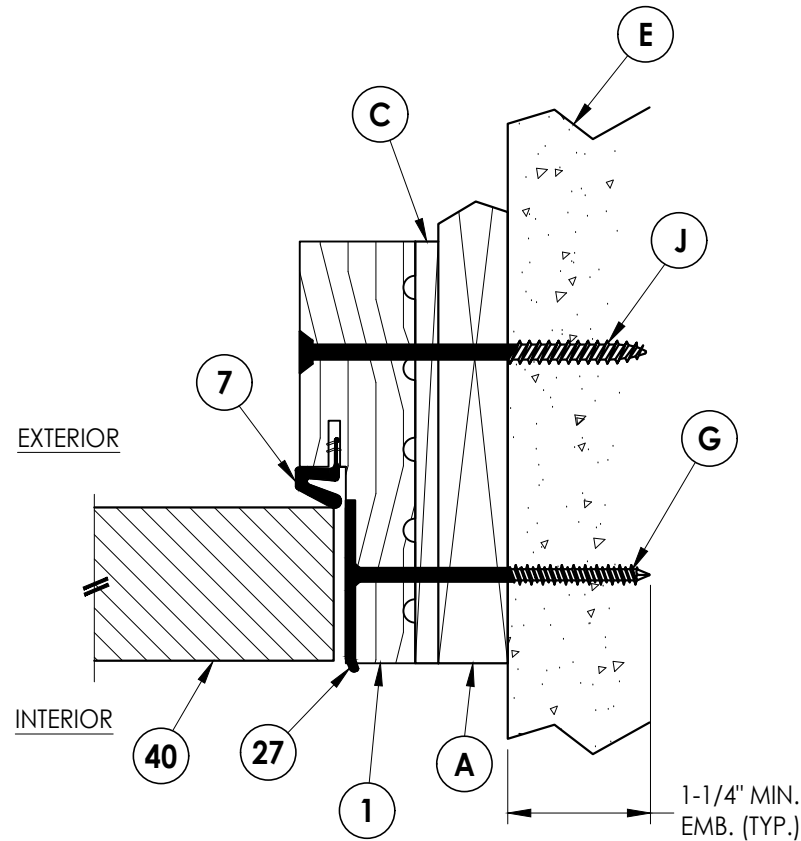
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R4\FL-20800.1-3.dwg



1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



3
5 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

NO.	DATE	REVISIONS
4	9/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	9/26/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	5/23/18	UPDATE TO 6TH ED. (2017) FBC JK
		BY

DATE: 8/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20800.1

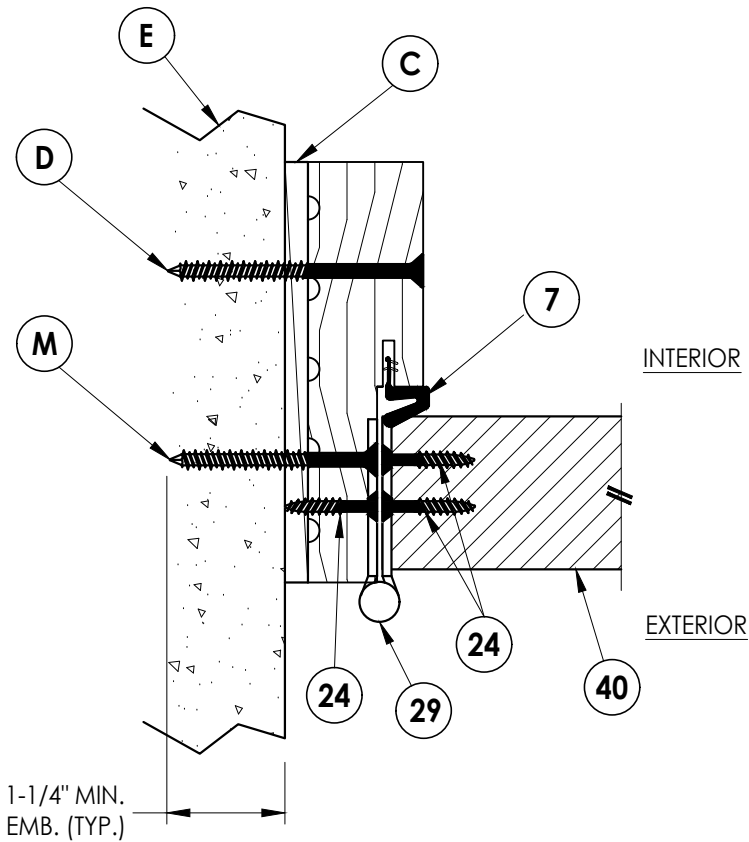
SHEET 5 OF 10

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

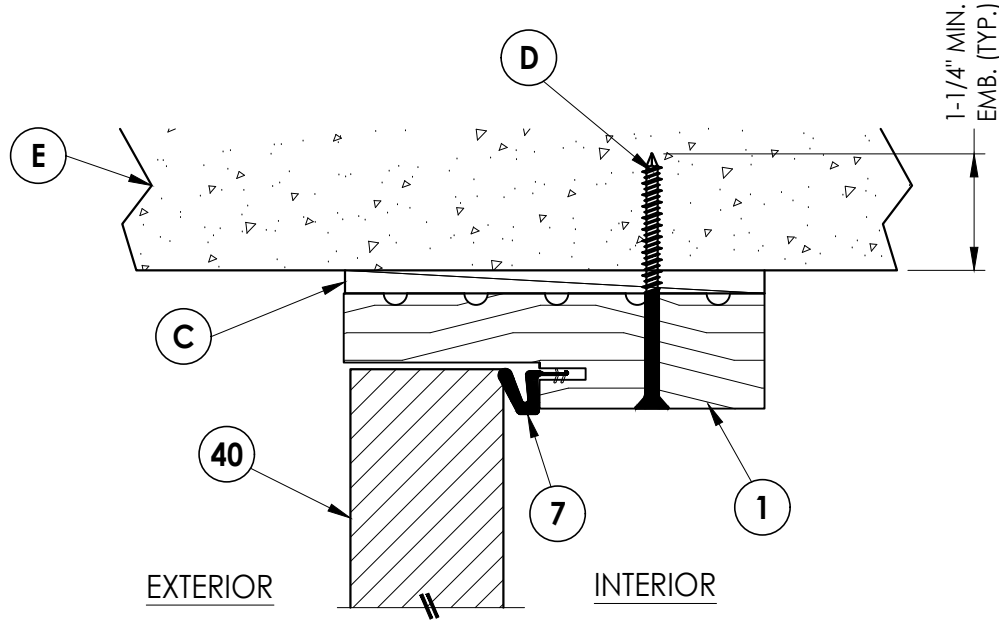
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

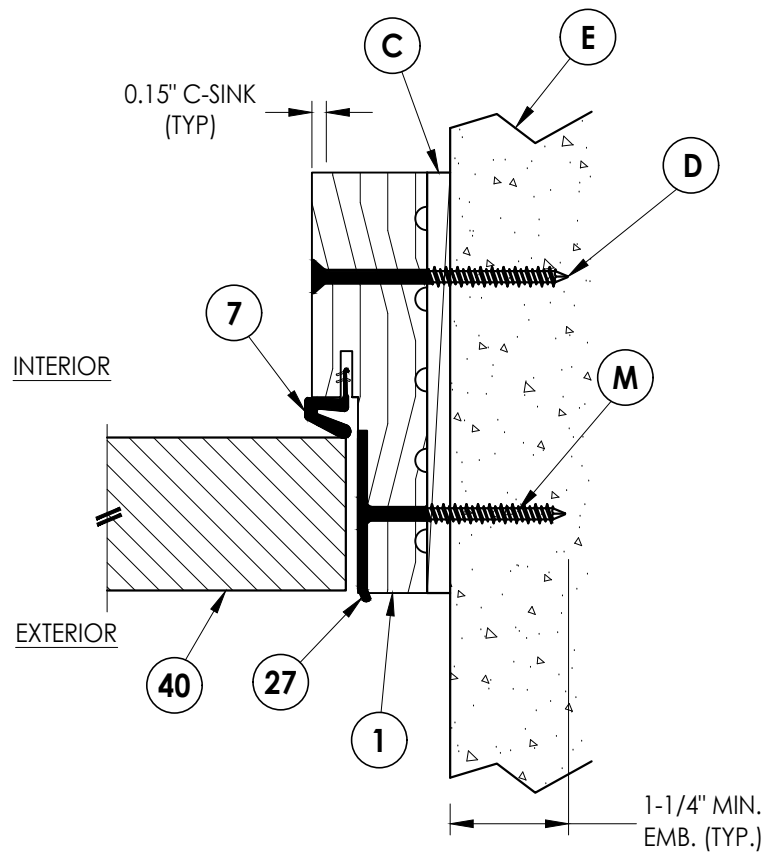
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only



3
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only



2
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only

NO.	DATE	REVISIONS
4	9/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	9/26/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	5/23/18	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 8/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20800.1

SHEET 6 OF 10

Documents Prepared By:
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P.E. No. 43409

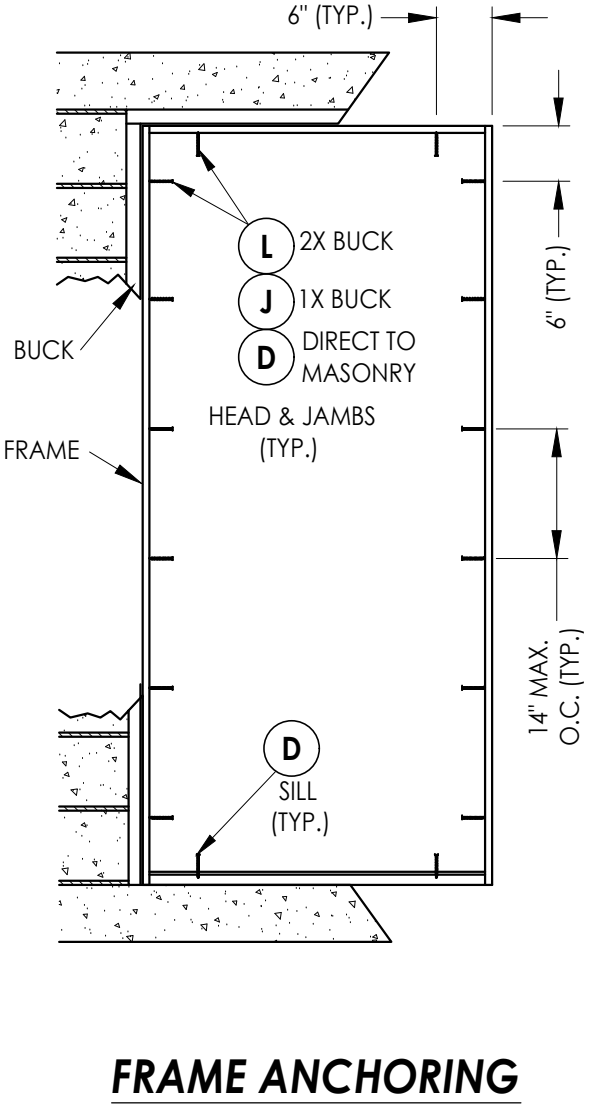
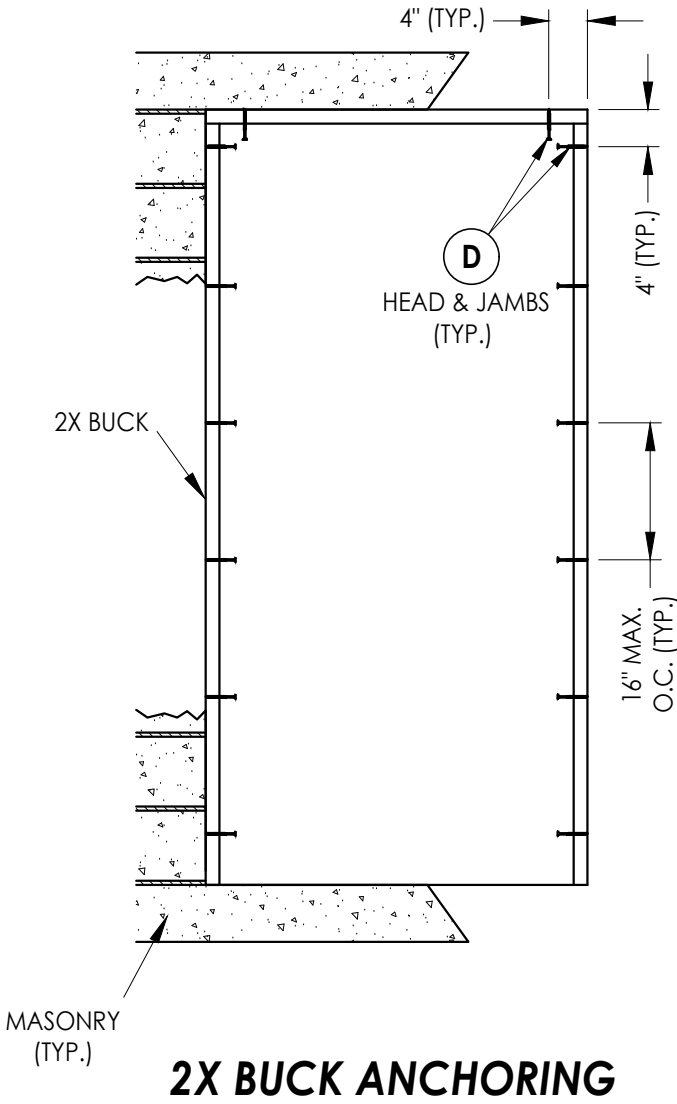
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

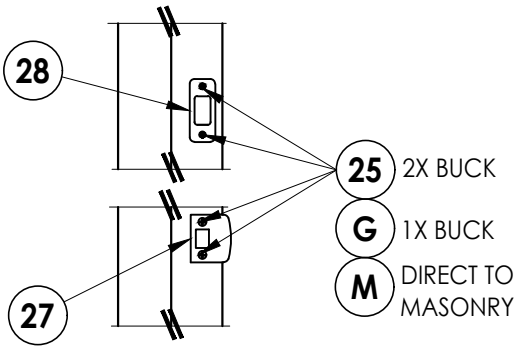
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R4\FL-20800.1-3.dwg

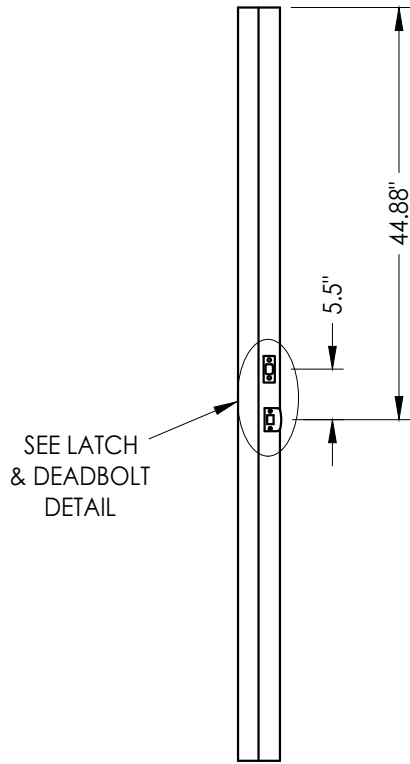
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 3" FH WOOD SCREWS @ HEAD & SILL.



DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409				RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR				PART OR ASSEMBLY: BUCK & FRAME ANCHORING			
4	9/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC	JK			
	NO.	DATE		BY			
REVISIONS							
DATE: 8/17/16							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-20800.1							
SHEET 8 OF 10							

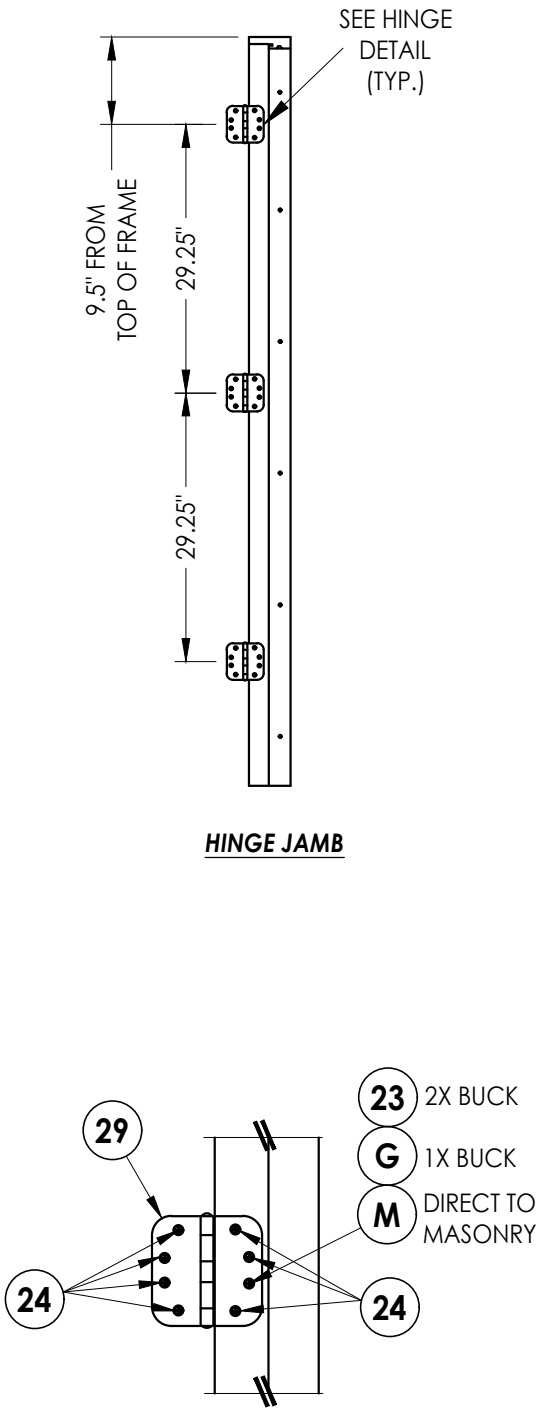


LATCH & DEADBOLT STRIKE DETAIL

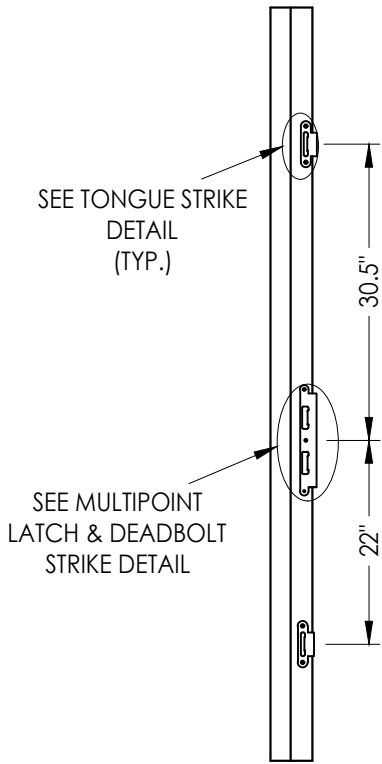


STRIKE JAMB

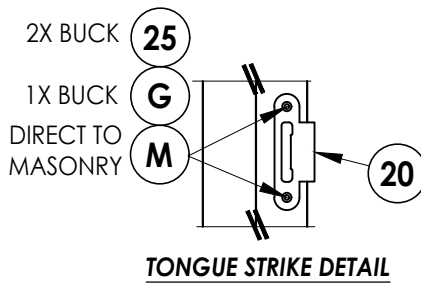
Latch and Deadbolt



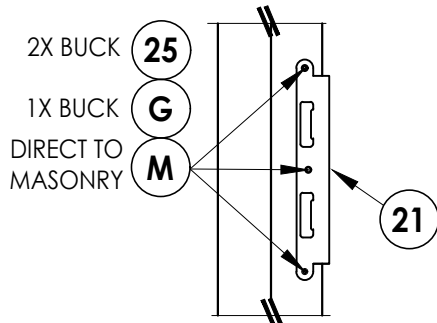
HINGE DETAIL



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL



MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL

LATCH & DEADBOLT HARDWARE DETAILS

MULTIPOINT LOCK HARDWARE DETAILS

4	9/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC	JK		
NO.	DATE					BY
						REVISIONS
DATE: 8/17/16						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-20800.1						
SHEET 9 OF 10						

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	WOOD JAMB (SAPELE, G>= 0.55)	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
20	MULTIPOINT TONGUE STRIKE PLATE	STEEL
21	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
24	#12 x 1-1/4" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
30	INSWING ADJUSTABLE THRESHOLD	ALUM/WOOD
35	OUTSWING BUMP THRESHOLD	ALUM/WOOD
40	DOOR PANEL	WOOD

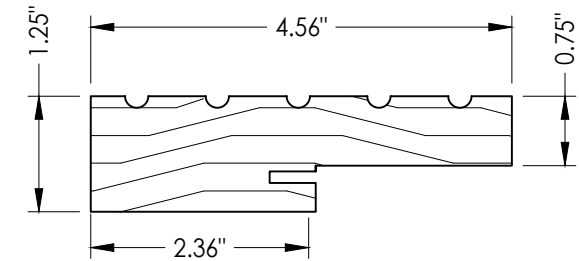
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

CONCRETE ANCHOR NOTES:

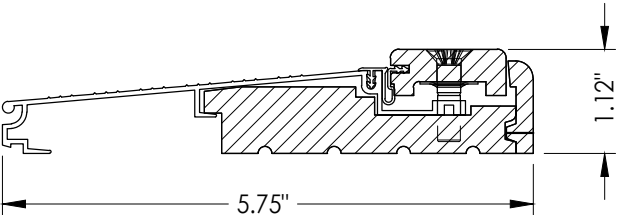
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

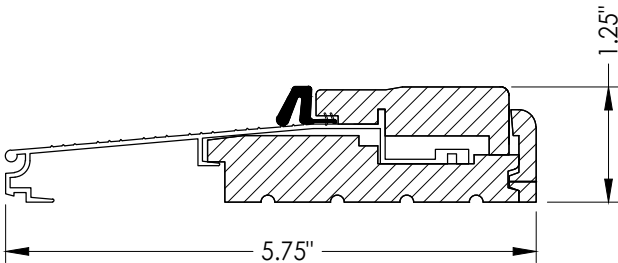
WOOD SCREW INSTALLATION NOTES:
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



1 WOOD JAMB



30 INSWING ADJUSTABLE THRESHOLD
Imperial 5Y



35 OUTSWING BUMB THRESHOLD

[illegible]