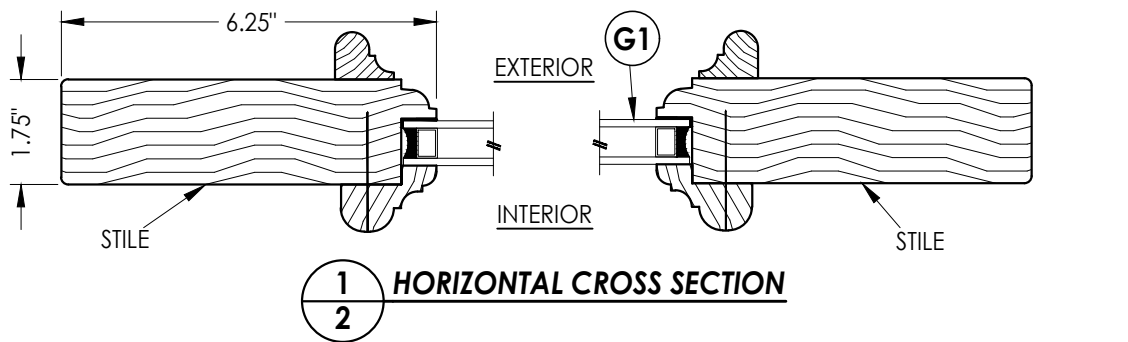
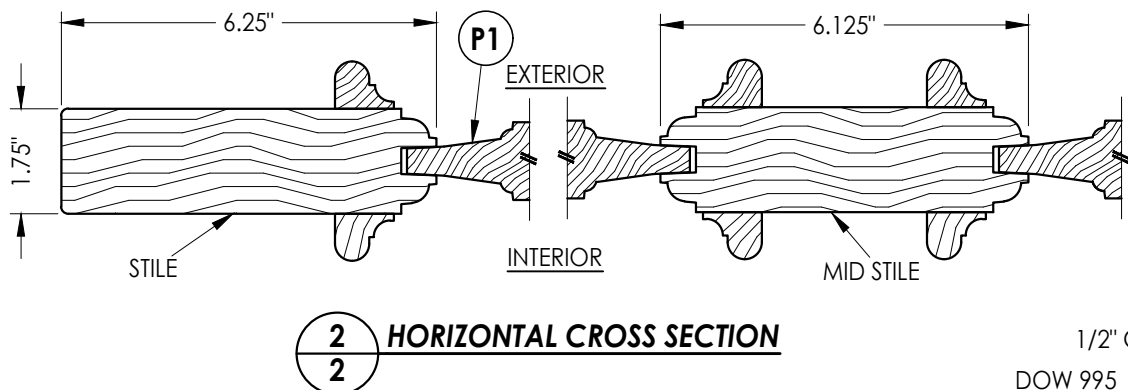


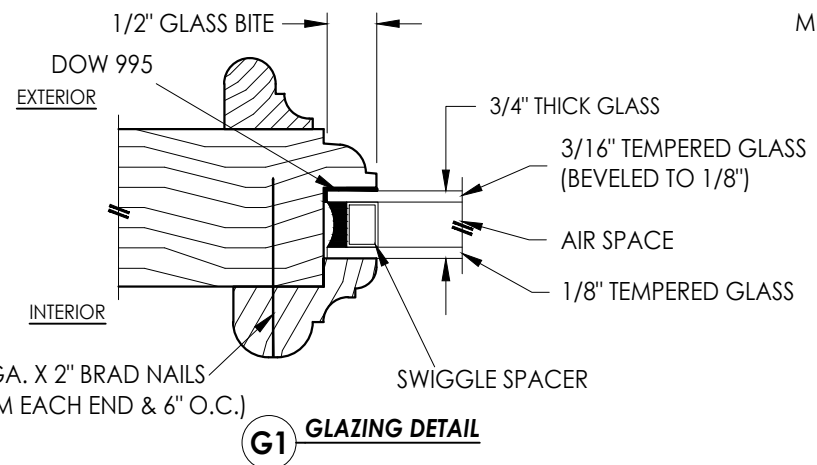
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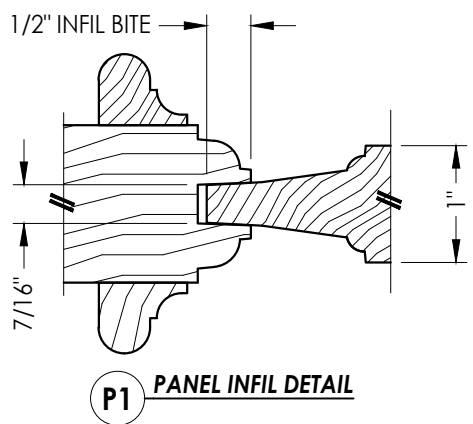
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2 HORIZONTAL CROSS SECTION



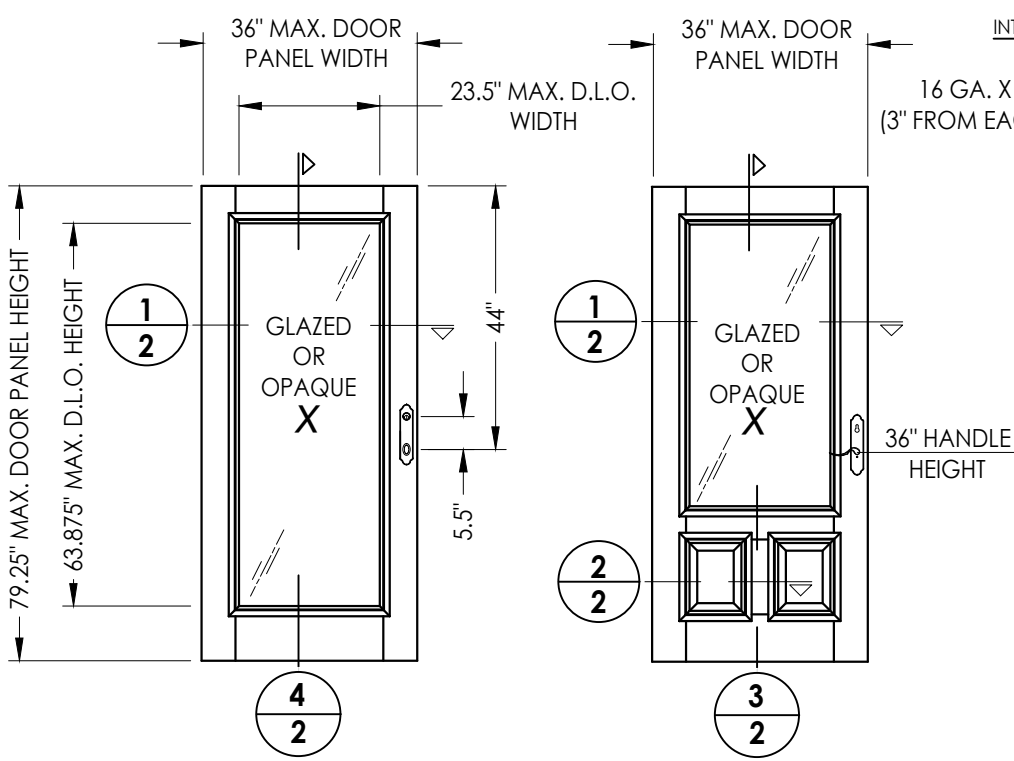
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2 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL

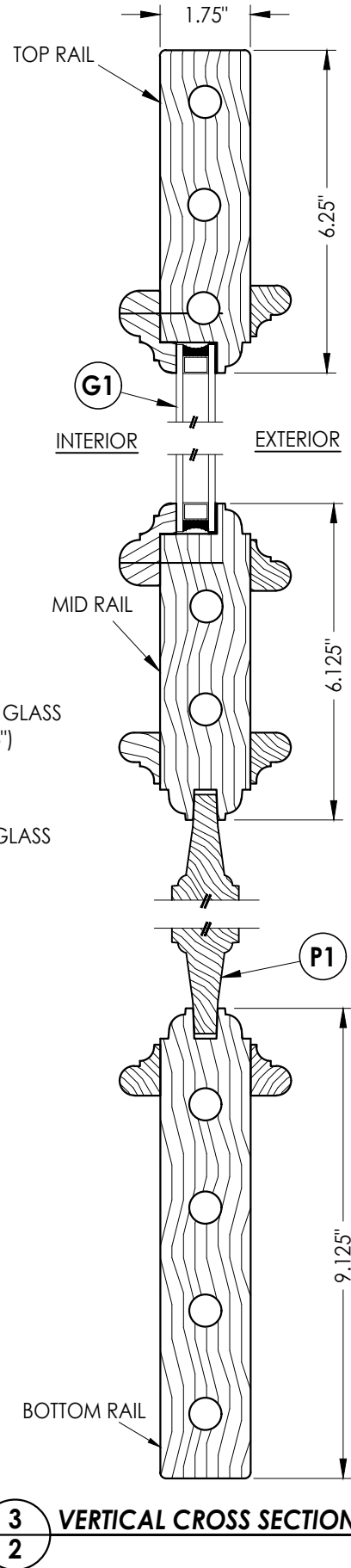


P1 PANEL INFIL DETAIL

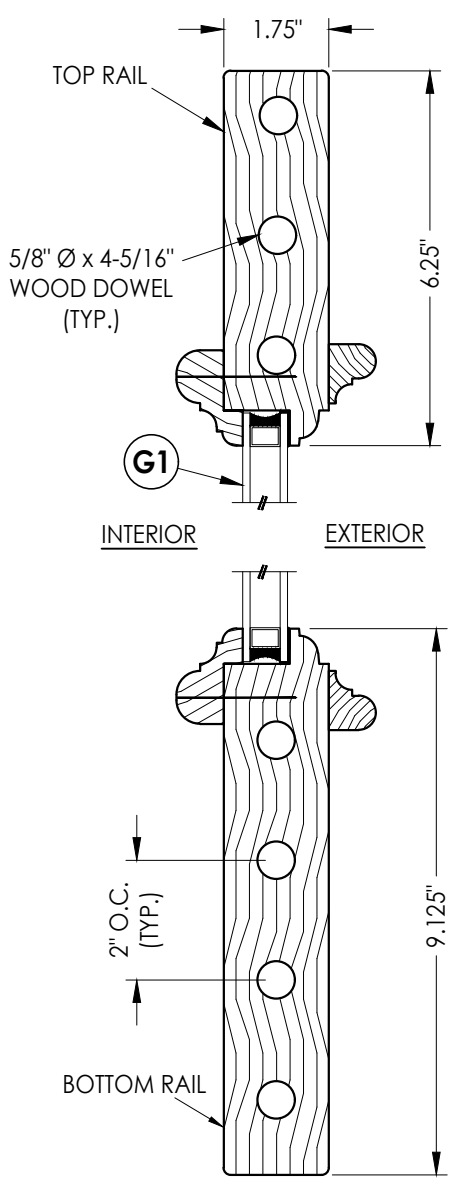


40 WOOD DOOR PANELS
Glazed or Opaque

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

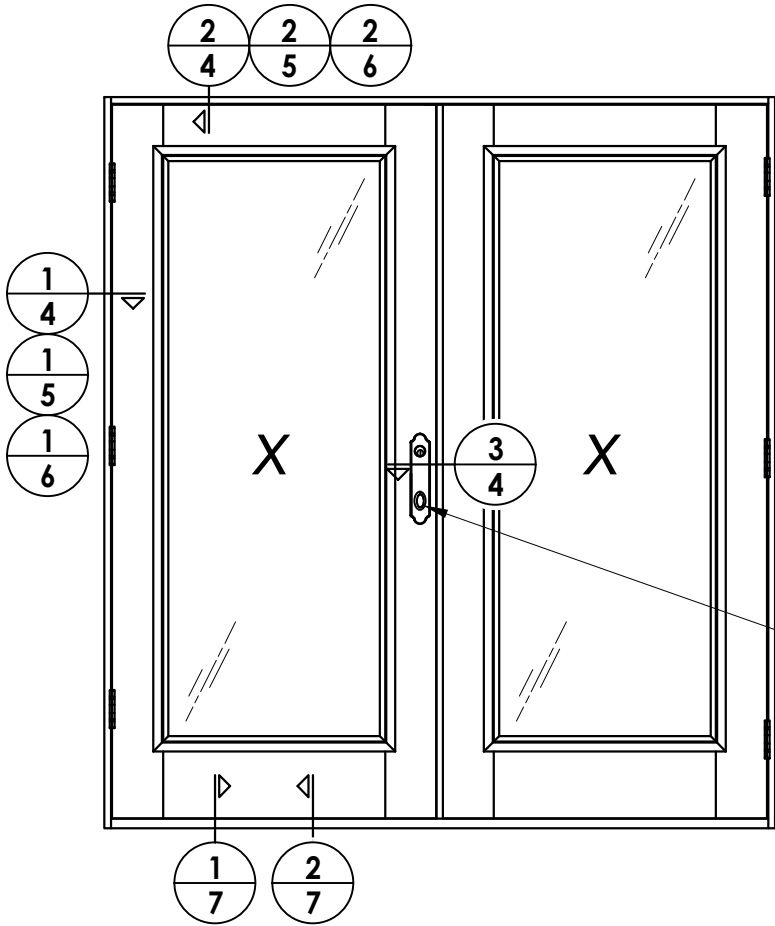


3
2 VERTICAL CROSS SECTION



4
2 VERTICAL CROSS SECTION

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
4	9/01/26	UPDATE TO 9TH ED. (2026)	JK
3	9/26/23	UPDATE TO 8TH ED. (2023)	BY
2	9/16/20	UPDATE TO 7TH ED. (2020)	JK
1	5/23/18	UPDATE TO 6TH ED. (2017)	BY
	NO.	DATE	
REVISIONS			
DATE: 8/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20800.3			
SHEET 2 OF 10			



SEE HARDWARE
CHART

HARDWARE TABLE	
MANUFACTURER	MODEL
RIDGECREST (SURE-LOC)	ACTIVE DOOR HANDLE SET LOCK & DEADBOLT: RUSTIC SERIES
G-U	ACTIVE DOOR MULTIPOINT LOCK (3-pt Shootbolt): SECURY S-BOLT LOCKING SYSTEM (6-36928-01-0-8B) MORTISE LOCK TRIM: EMTEK
G-U	INACTIVE DOOR ASTRAGAL FLIP BOLT MORTISE LOCK (6-C7250-19-0-0)

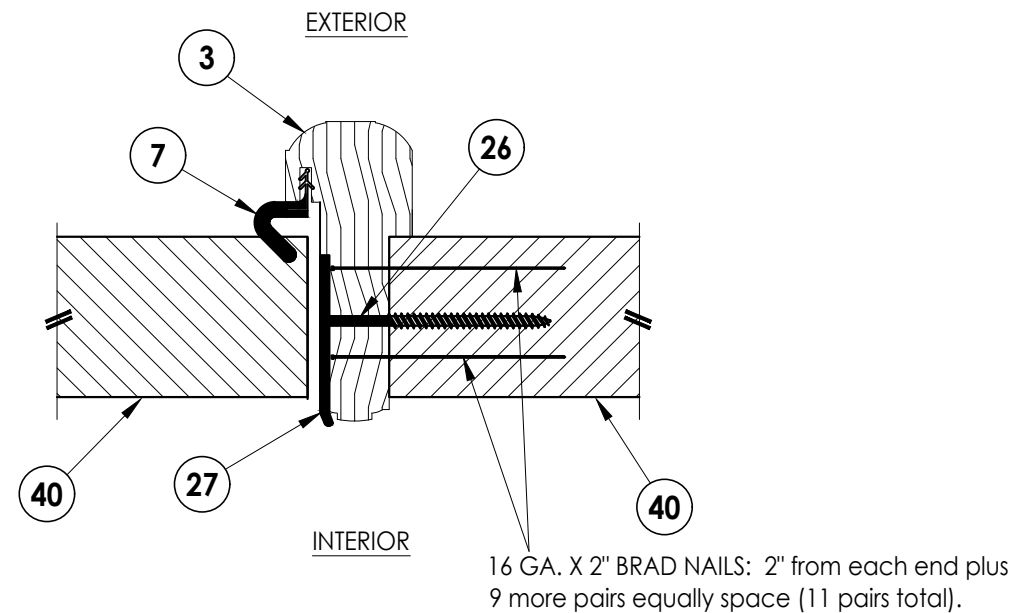
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.3
SHEET	3 of 10

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								
REVISIONS									

PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY:	ELEVATIONS

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
---	--

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



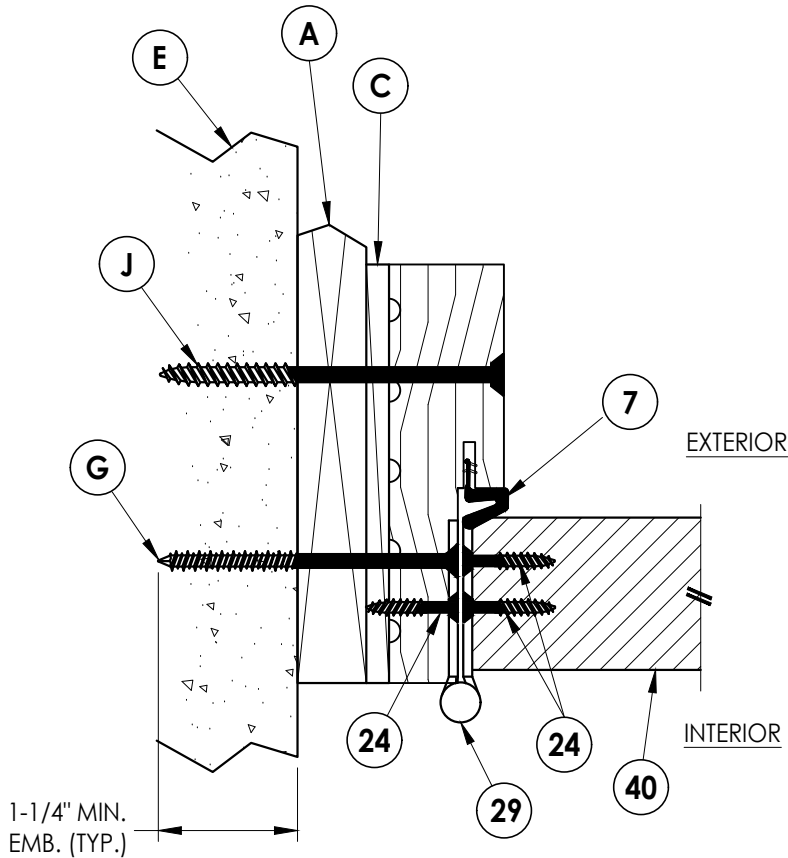
3 HORIZONTAL CROSS SECTION
4 Inswing shown (Outswing similar)

DATE:	8/10/16				
SCALE:	N.T.S.				
DWG. BY:	JK				
CHK. BY:	LFS				
DRAWING NO.:	FL-20800.3				
SHEET	4	OF	10		

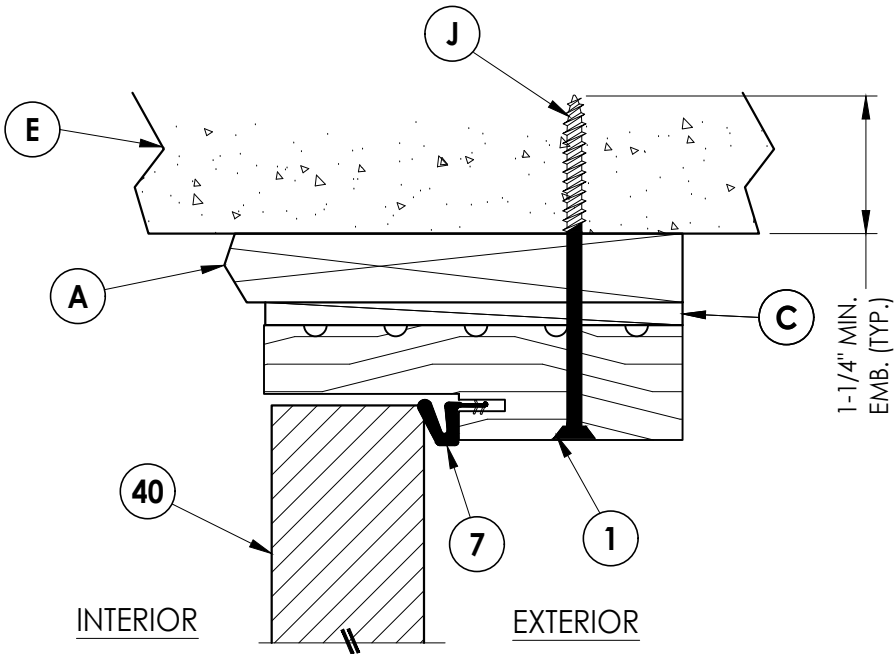
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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



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

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20800.3

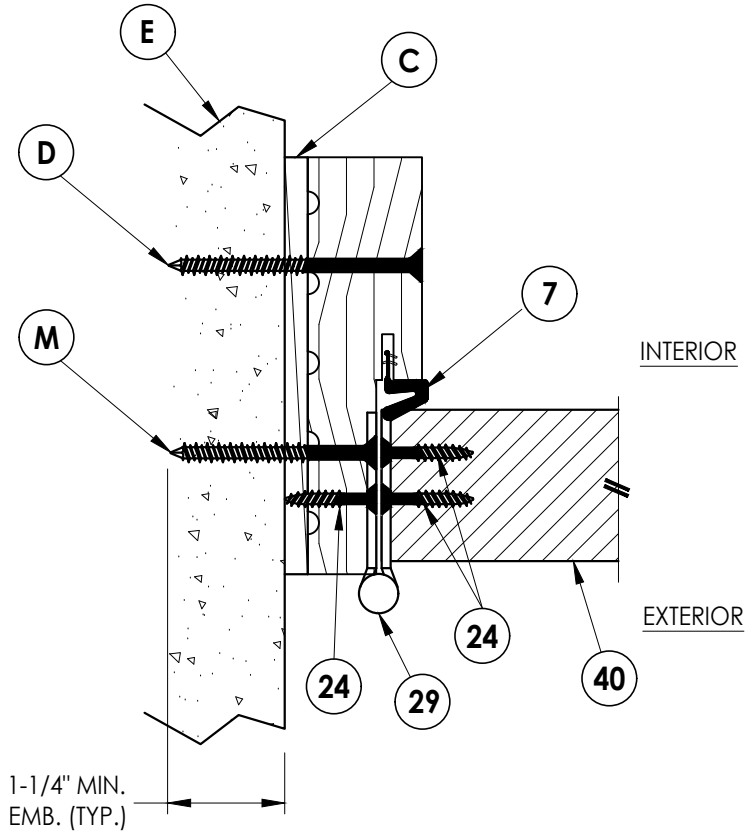
SHEET 5 OF 10

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

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

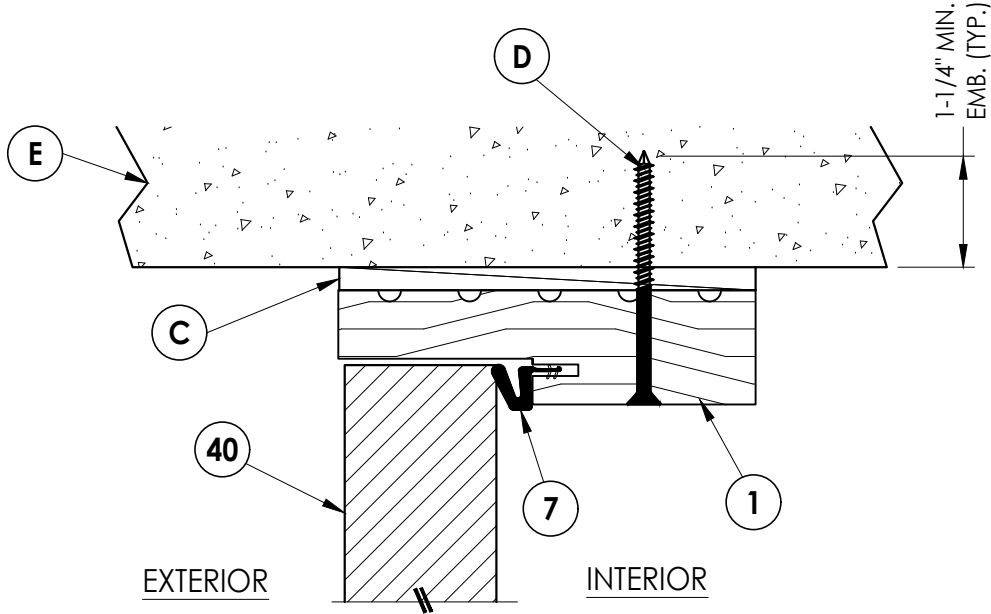
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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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



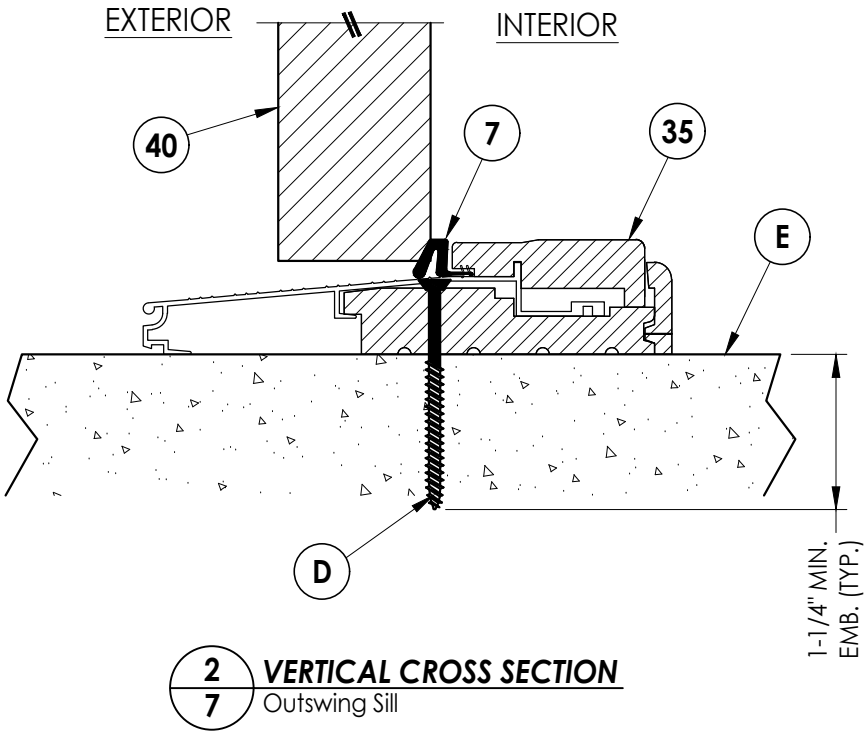
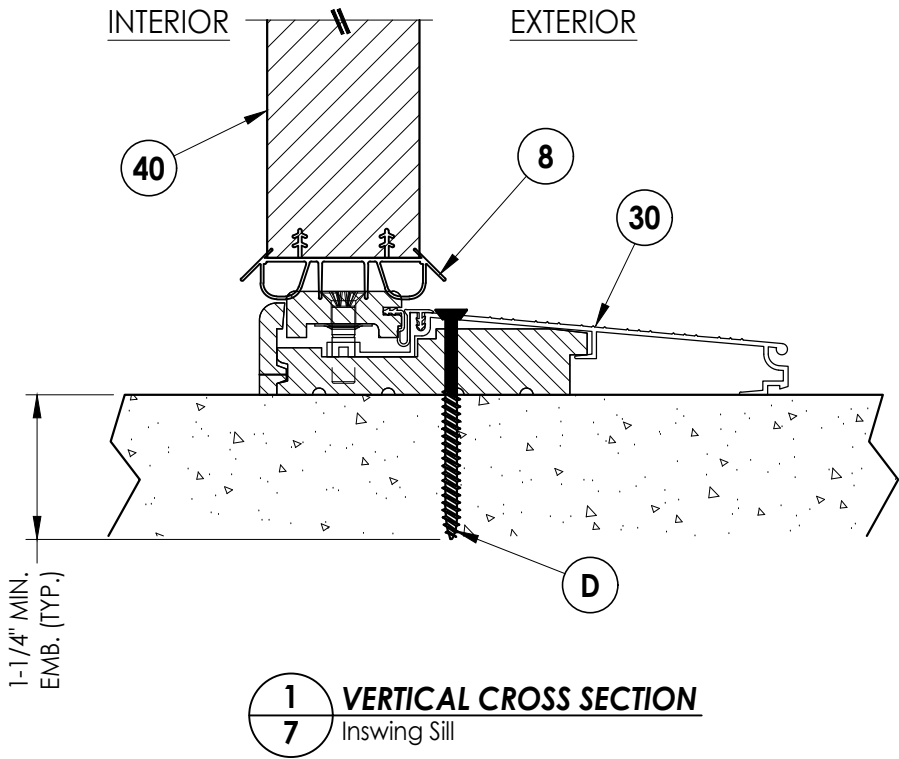
2 VERTICAL CROSS SECTION

6 Shown Direct to Masonry
Outswing only

[illegible]

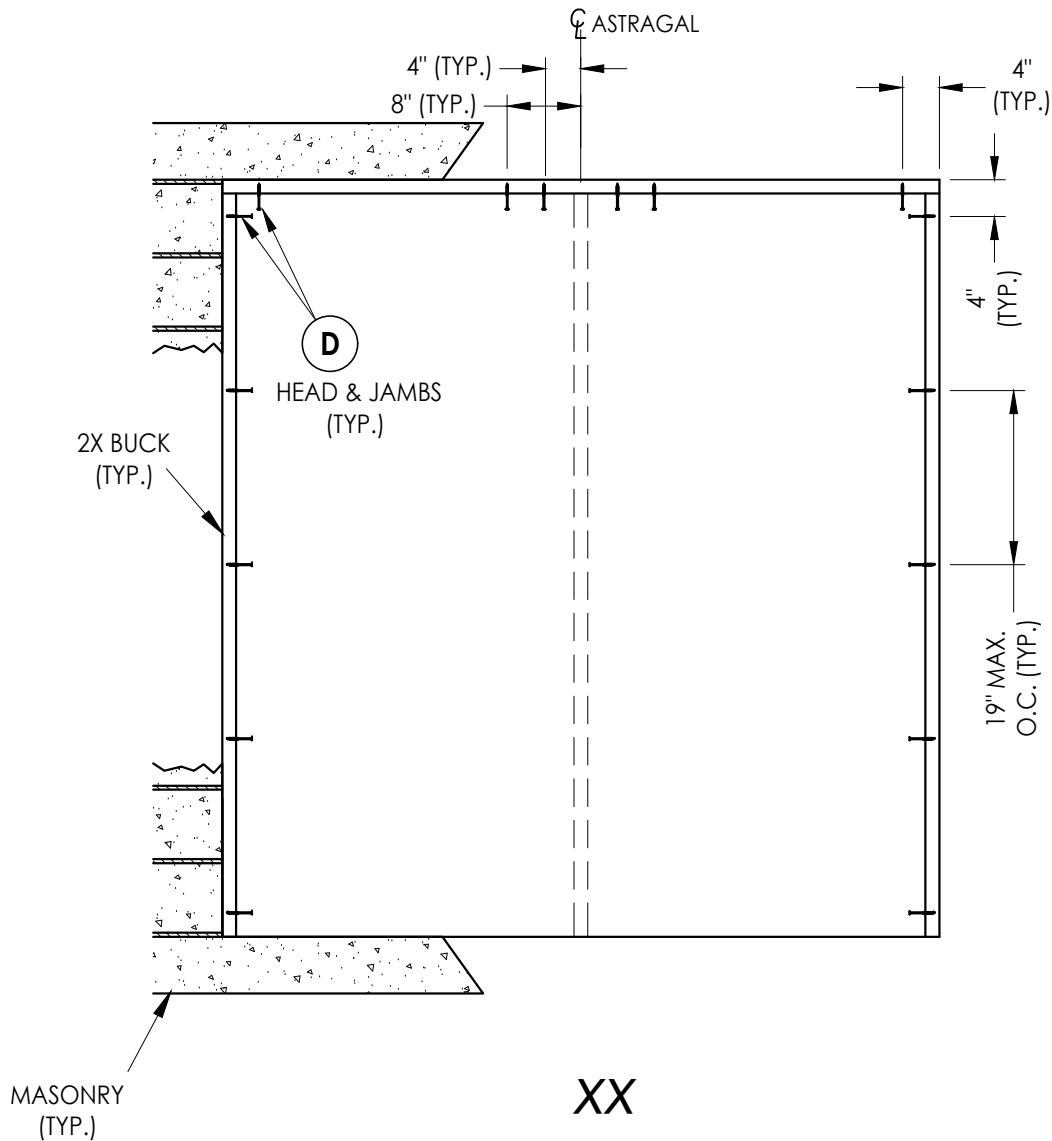
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

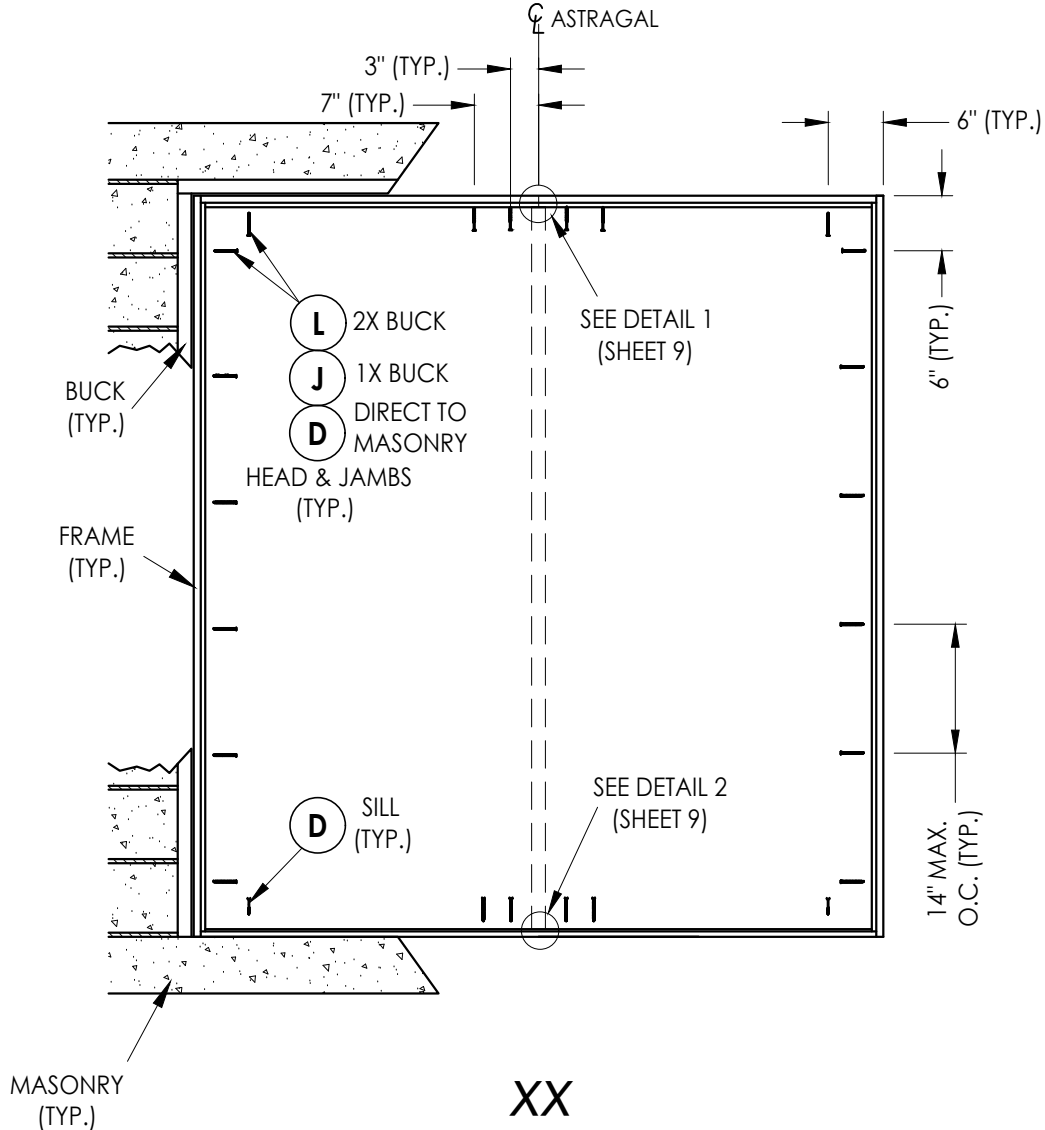


PRODUCT:		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	

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



2X BUCK ANCHORING



FRAME ANCHORING

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

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: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20800.3

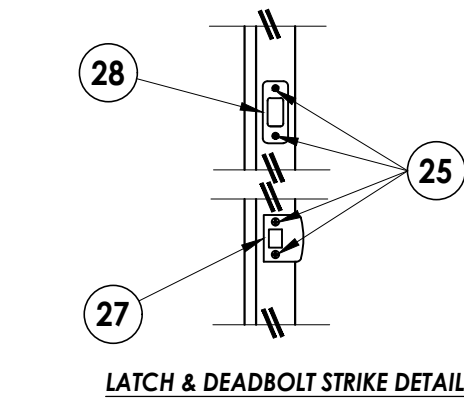
SHEET 8 OF 10

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

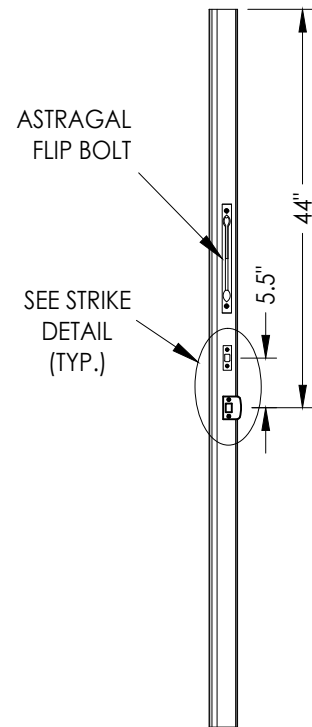
PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

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

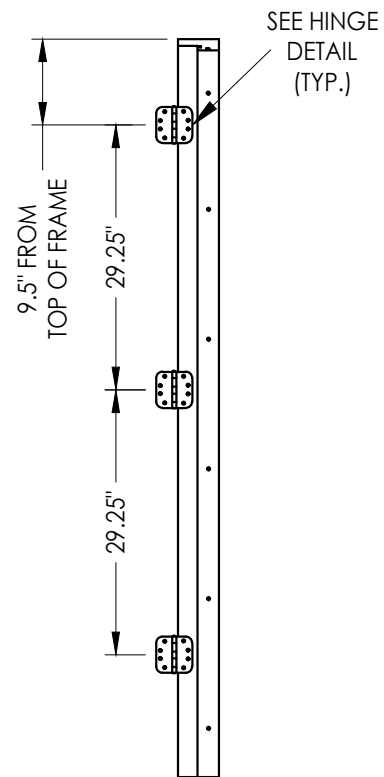


LATCH & DEADBOLT STRIKE DETAIL

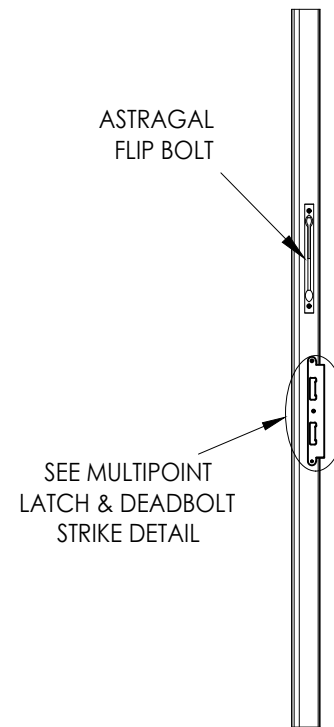


ASTRAGAL STRIKE

Latch & Deadbolt

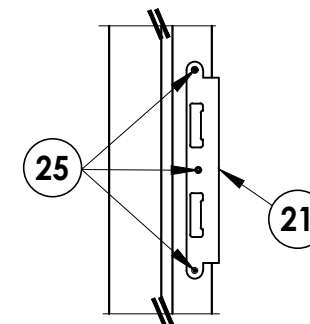


HINGE JAMB



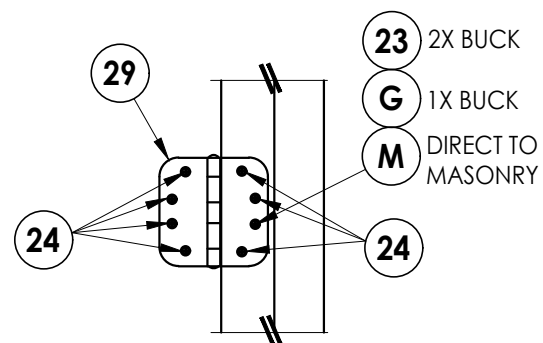
ASRAGAL STRIKE

Multipoint Lock

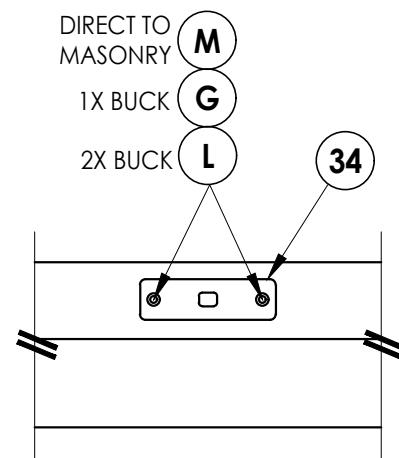


MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL

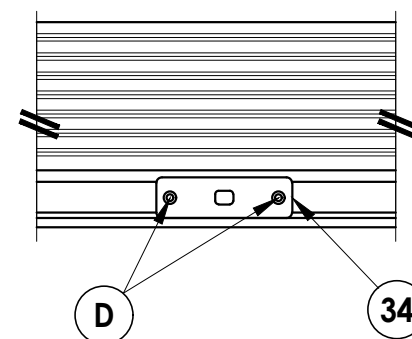
LATCH & DEADBOLT HARDWARE DETAILS



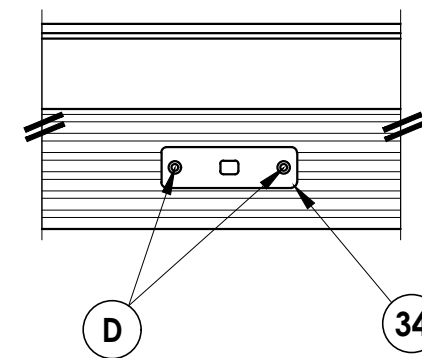
HINGE DETAIL



DETAIL 1
Astragal Shootbolt Strike Plate @ Head



DETAIL 2
Astragal Shootbolt Strike Plate @ Sill (Inswing)



DETAIL 2
Astragal Shootbolt Strike Plate @ Sill (Outswing)

MULTIPOINT LOCK HARDWARE DETAILS

[illegible]

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
2	1X MULLION (SAPELE, G>= 0.55)	WOOD
3	ASTRAGAL (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
39	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL
40	DOOR PANEL	WOOD
50	SIDELITE PANEL	WOOD

CONCRETE ANCHOR NOTES:

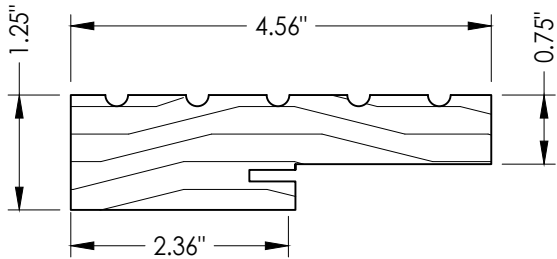
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"

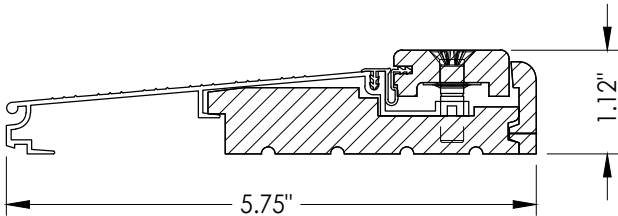
WOOD SCREW INSTALLATION NOTES:

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

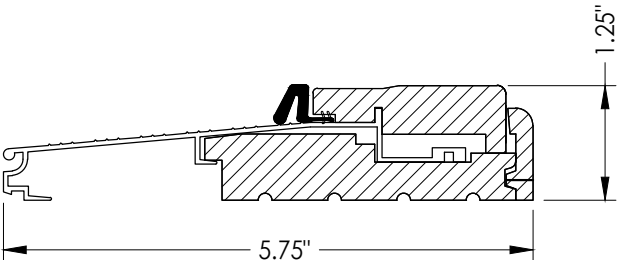
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



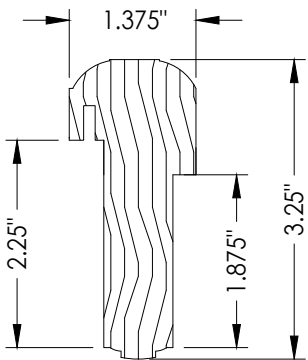
1 WOOD JAMB



30 **INSWING ADJUSTABLE THRESHOLD**
Imperial 5Y



35 **OUTSWING BUMB THRESHOLD**
Imperial



3 ASTRAGAL

DATE: 8/17/16		PRODUCT:		INTERNATIONAL WOOD TRADE WOOD DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK		4 9/01/26 UPDATE TO 9TH ED. (2026) FBC		LFS			
CHK. BY: LFS		3 9/26/23 UPDATE TO 8TH ED. (2023) FBC		LFS			
DRAWING NO.: FL-20800.3		2 9/16/20 UPDATE TO 7TH ED. (2020) FBC		LFS			
SHEET 10 OF 10		1 5/23/18 UPDATE TO 6TH ED. (2017) FBC		JK			
		NO. DATE		BY			
						REVISIONS	