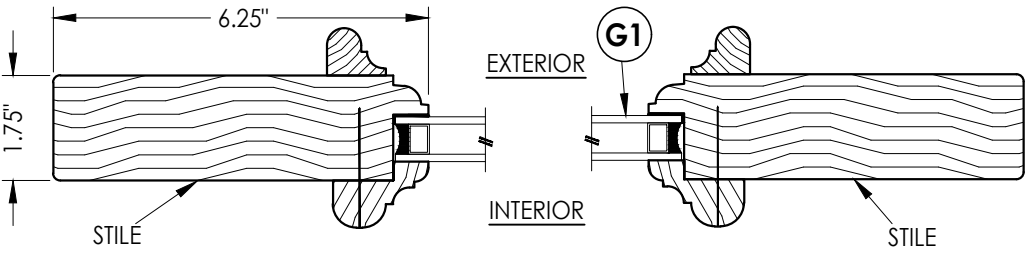
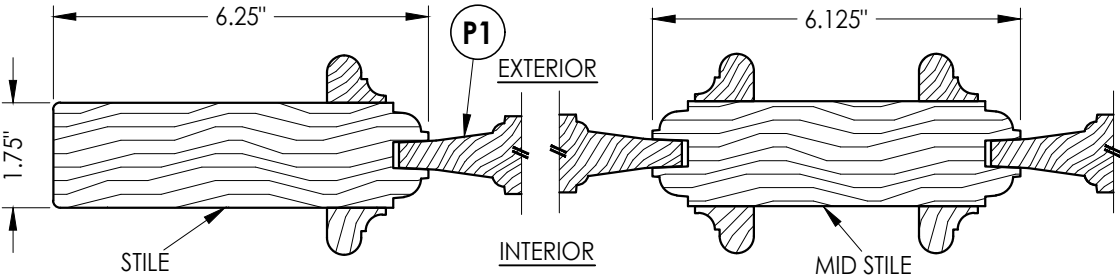


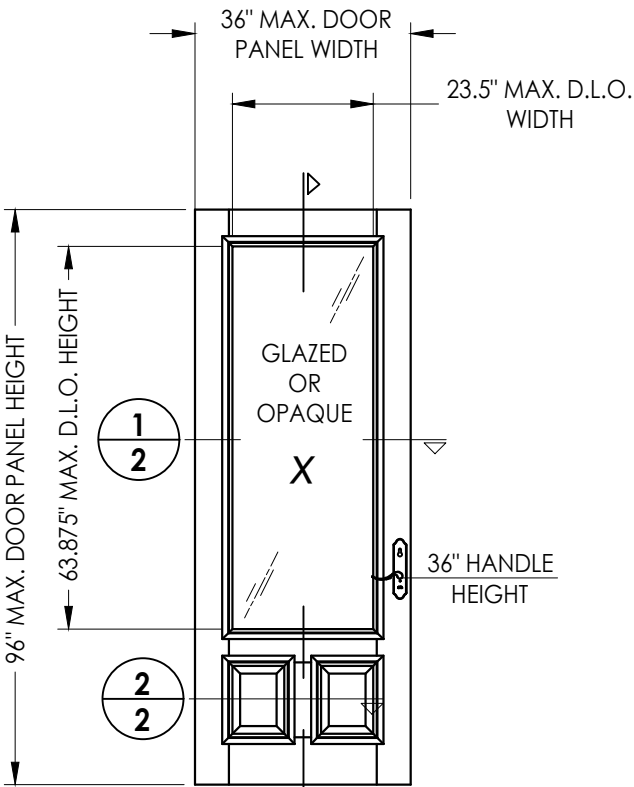
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



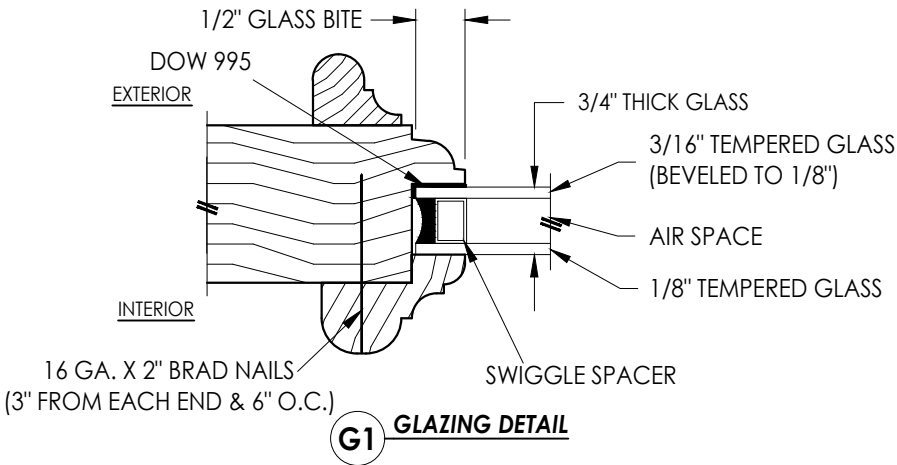
1
2 HORIZONTAL CROSS SECTION



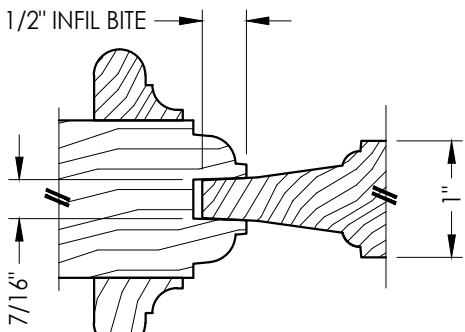
2
2 HORIZONTAL CROSS SECTION



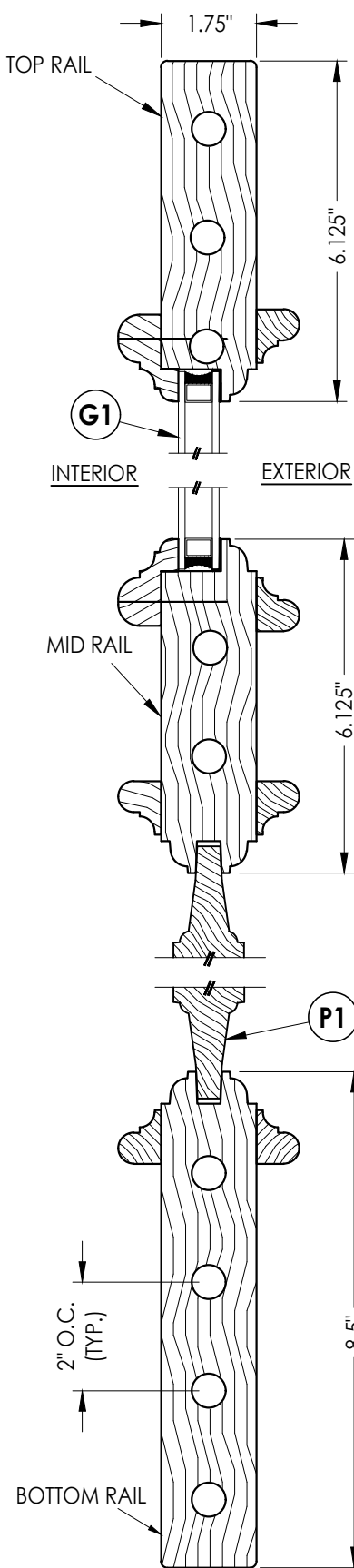
40 WOOD DOOR PANEL
Glazed or Opaque



G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



3
2 VERTICAL CROSS SECTION

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

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

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

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

NO.	DATE	REVISIONS
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-20800.6

SHEET 2 OF 10

[illegible]

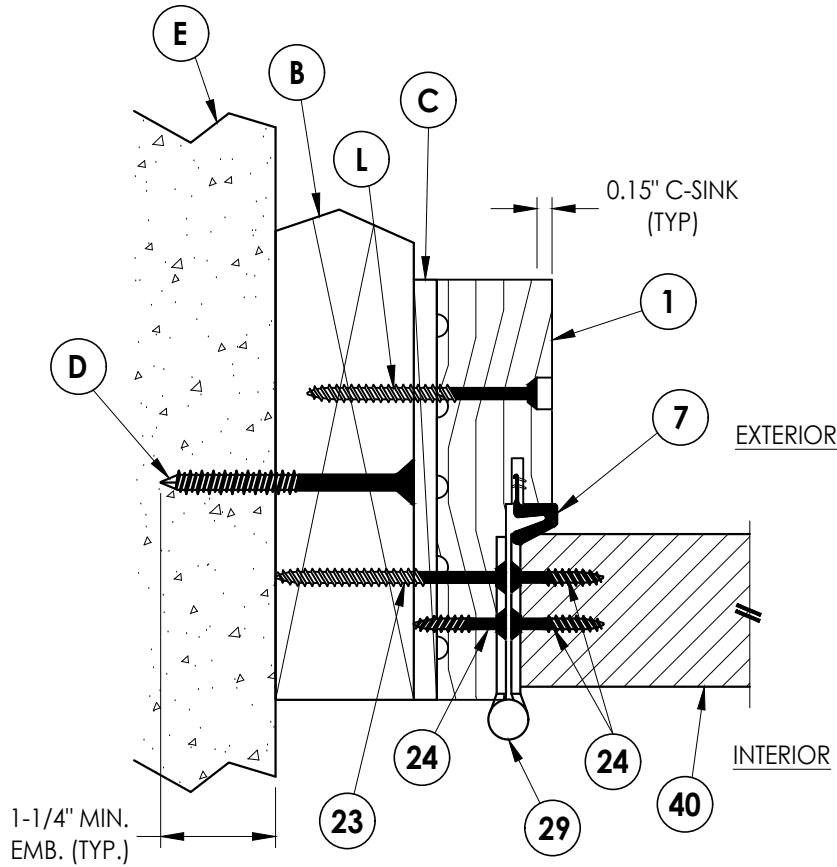
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.6
SHEET	<u>3</u> OF <u>10</u>

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

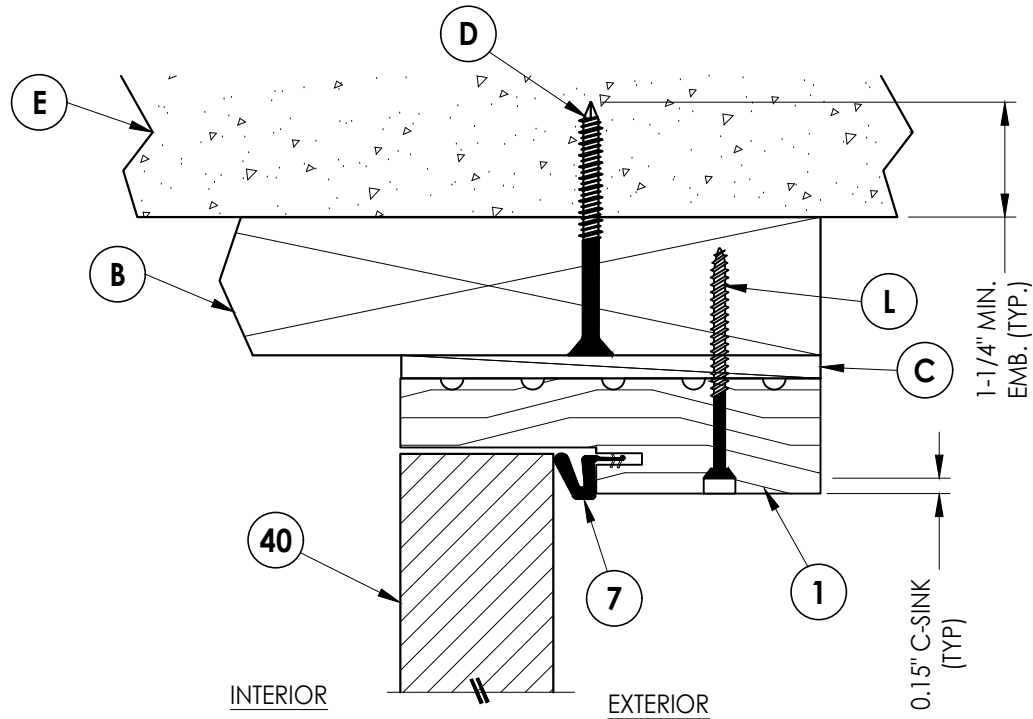
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2016 R.W. BUILDING CONSULTANTS INC.

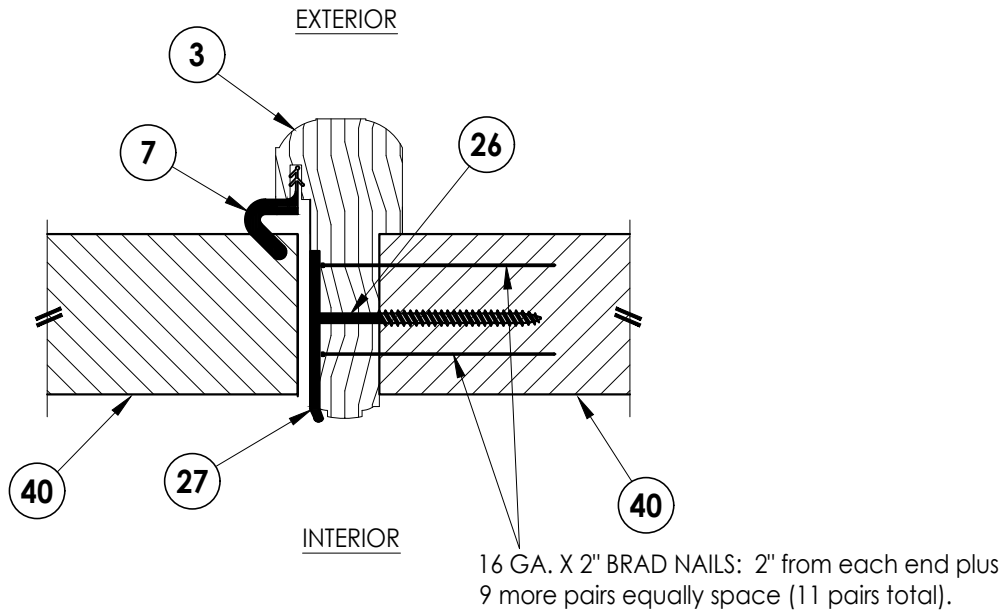
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



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



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



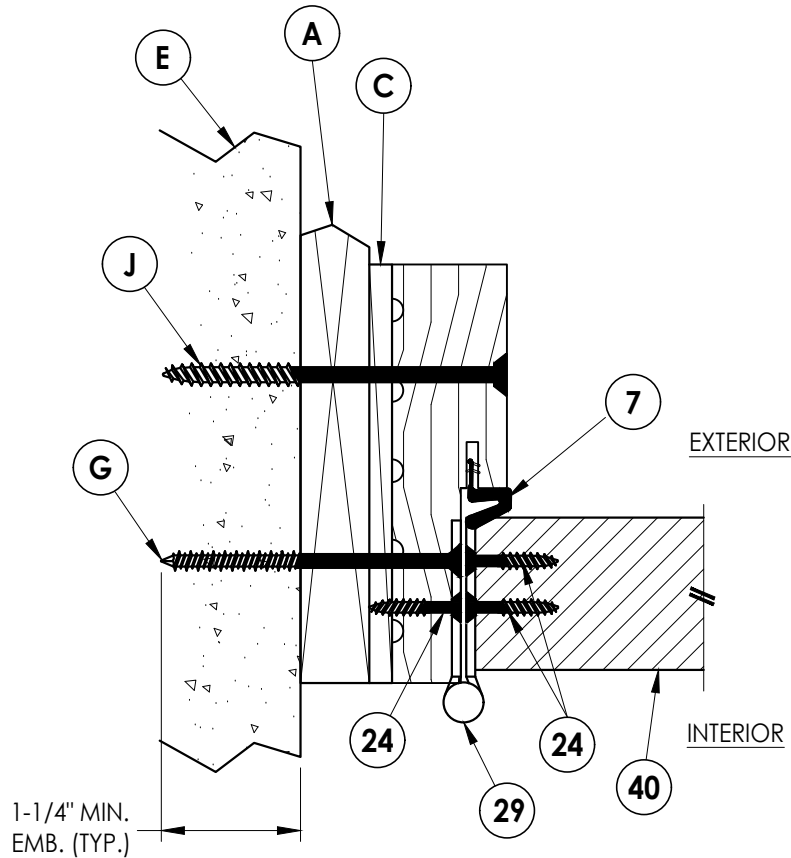
3 HORIZONTAL CROSS SECTION
Inswing shown (Outswing similar)

PRODUCT:		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
DATE:	8/10/16	SCALE:	N.T.S.	DWG. BY:	JK	CHK. BY:	LFS
DRAWING NO.:	FL-20800.6	SHEET	4	OF	10	REVISIONS	
NO.	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY	DATE
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				

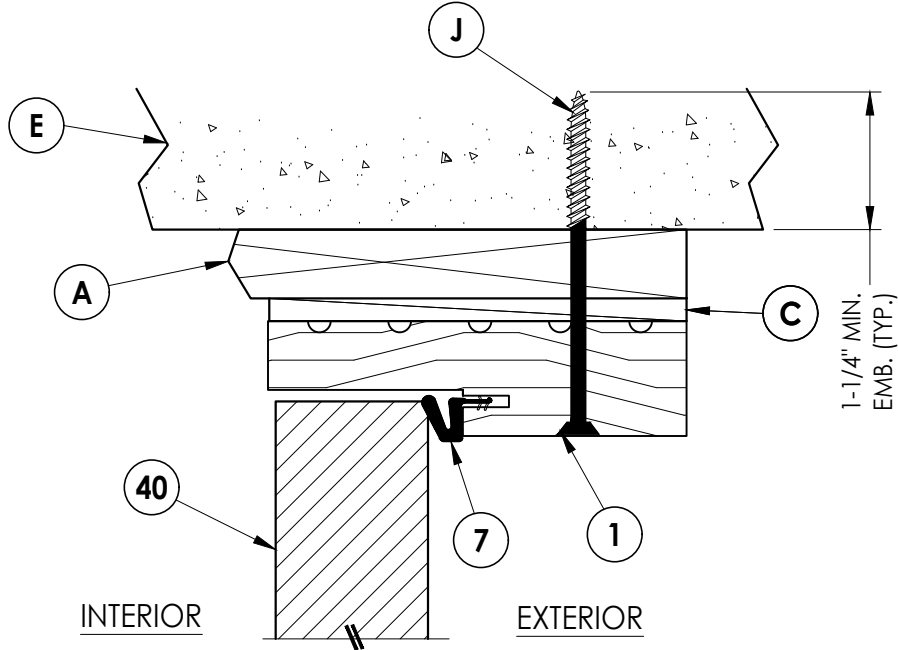
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



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-20800.6

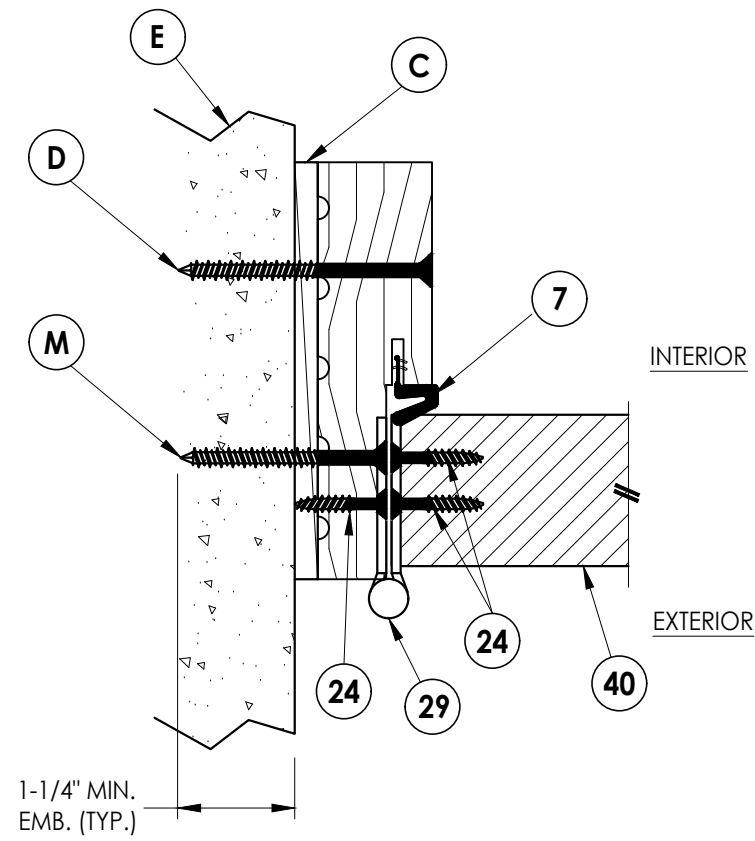
SHEET 5 OF 10

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

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

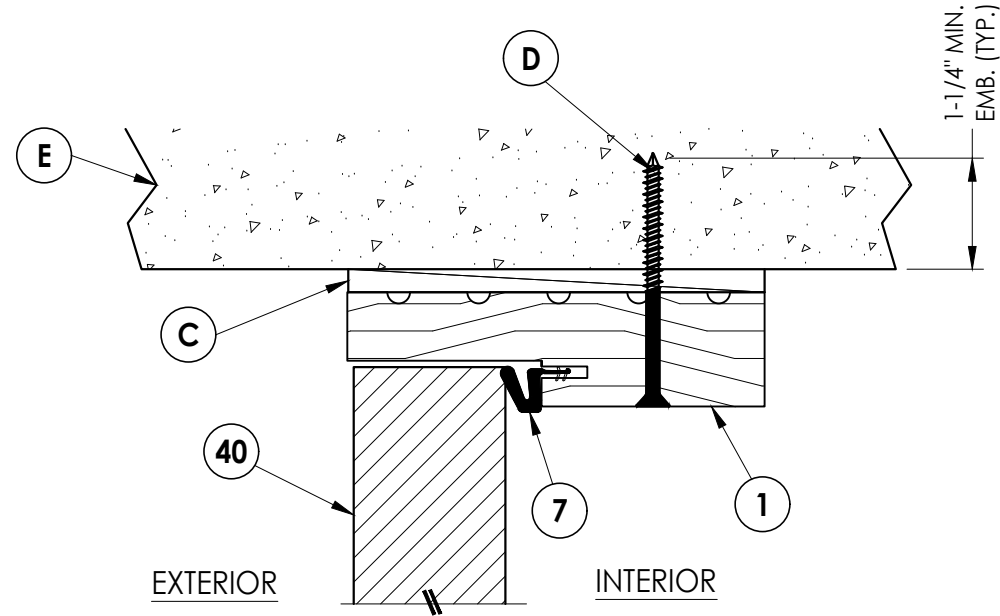
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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



1 **HORIZONTAL CROSS SECTION**

6 Shown Direct to Masonry
Outswing only

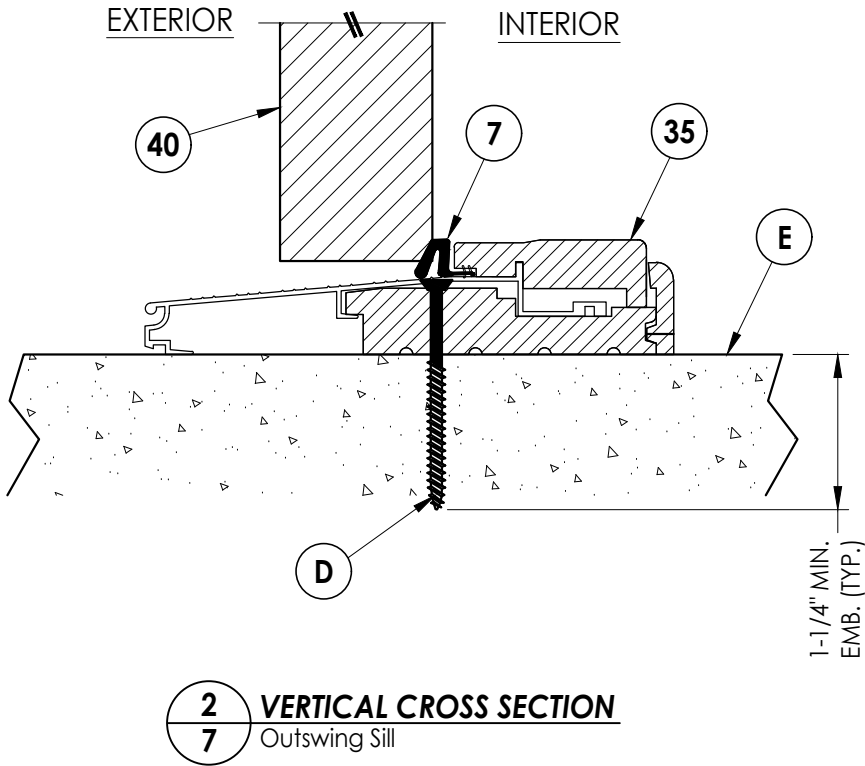
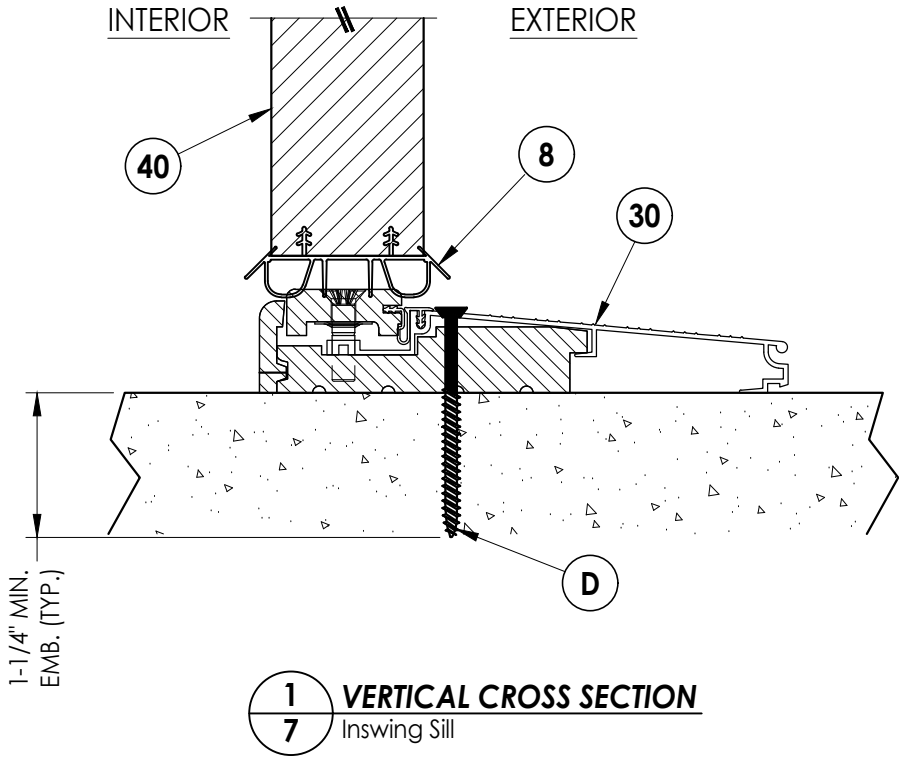


2 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
 Outswing only

[illegible]

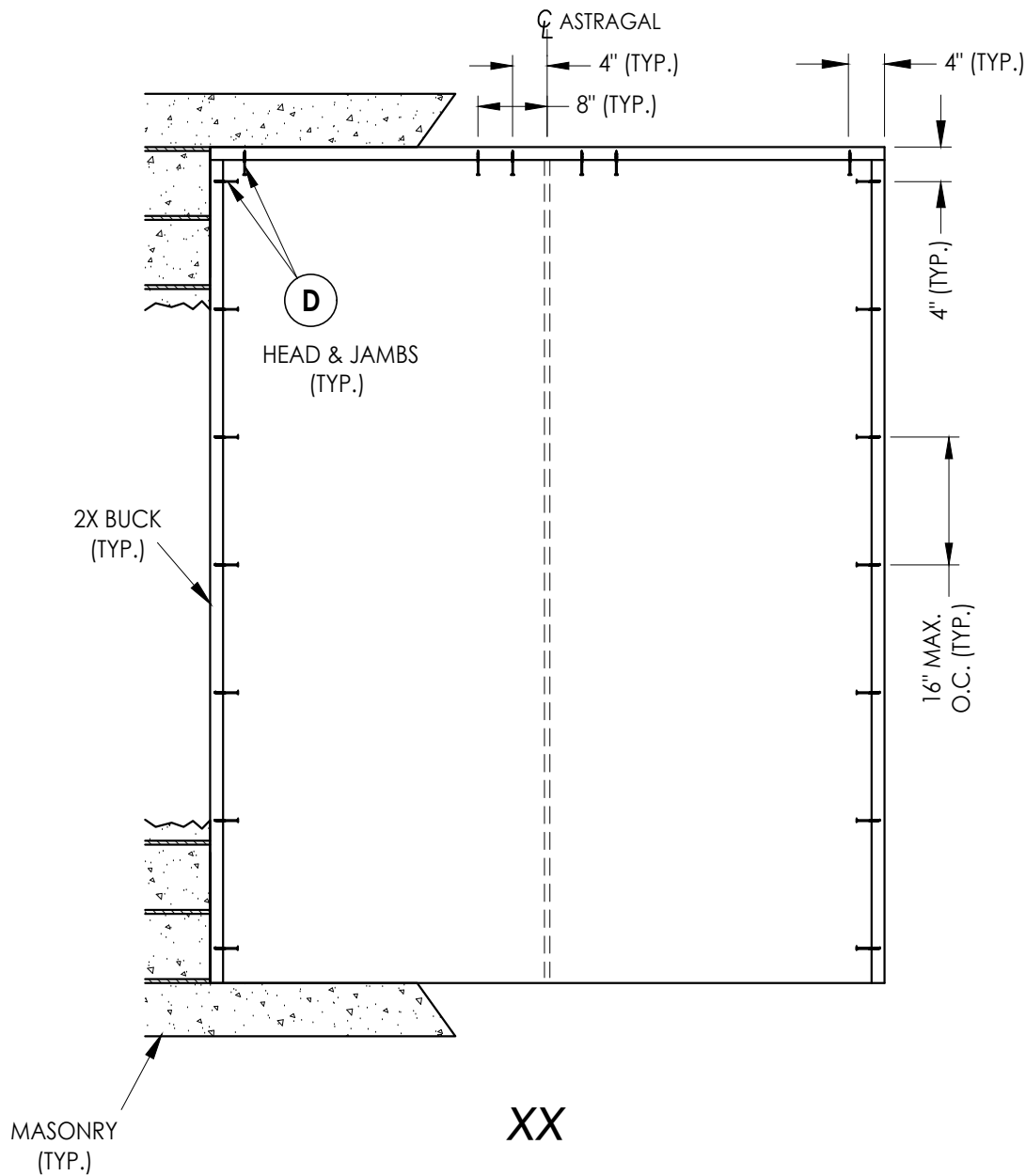
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

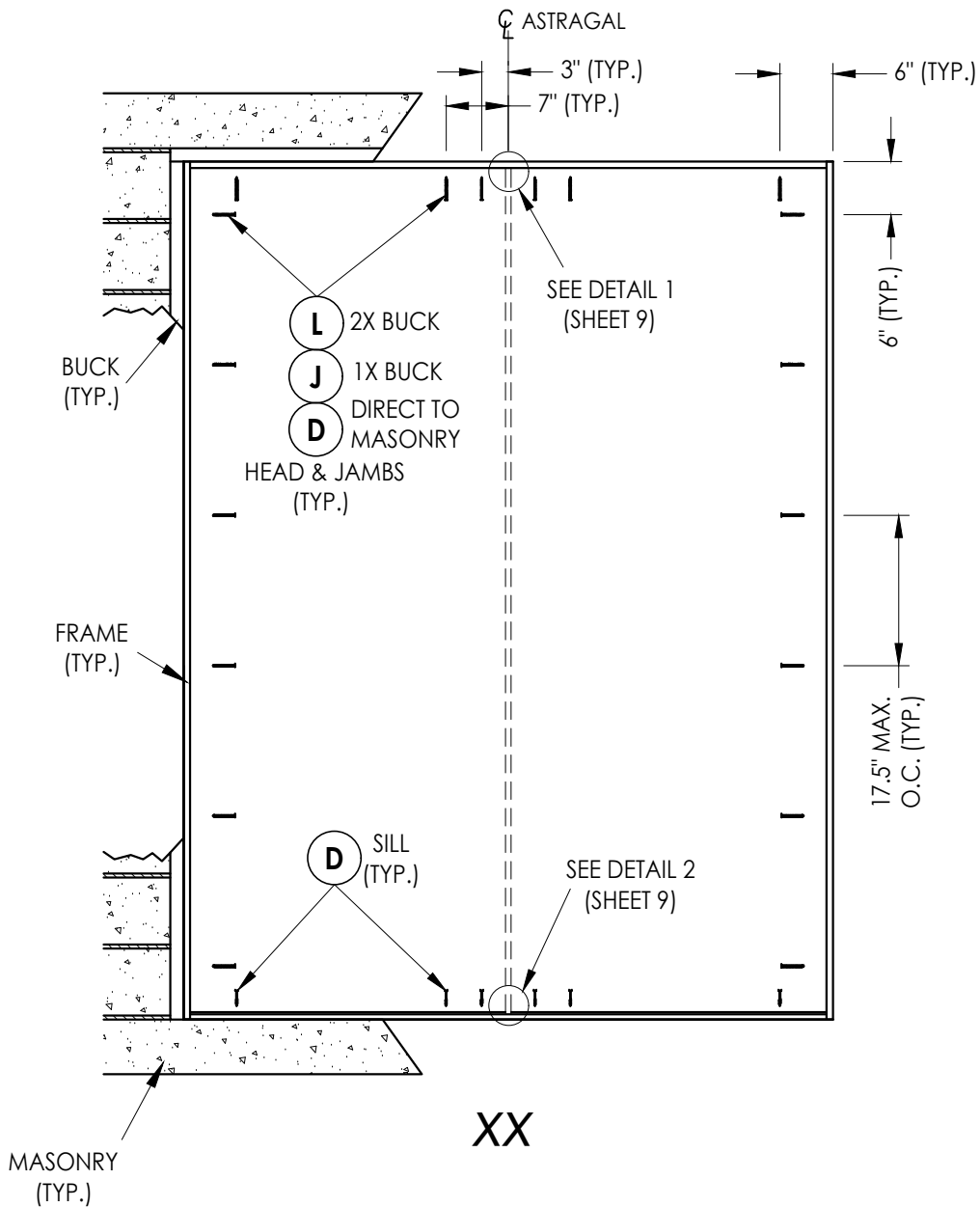


PRODUCT:				INTERNATIONAL WOOD TRADE WOOD DOOR				PART OR ASSEMBLY:				VERTICAL CROSS SECTIONS (THRESHOLDS)			
				3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC	LFS							
				2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS							
				1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC	JK							
				NO.	DATE			BY							
													REVISIONS		
DATE: 8/10/16															
SCALE: N.T.S.															
DWG. BY: JK															
CHK. BY: LFS															
DRAWING NO.: FL-20800.6															
SHEET 7 OF 10															

Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



2X BUCK ANCHORING

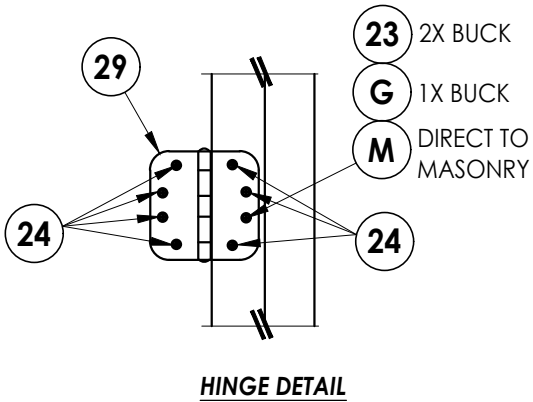


FRAME ANCHORING

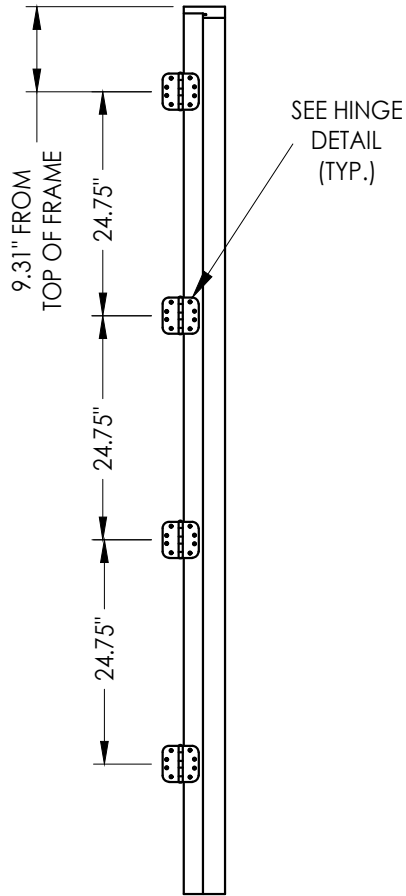
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 3" FH WOOD SCREWS @ HEAD & SILL.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY: BUCK ANCHORING		REVISIONS			
				NO	DATE		
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				DRAWING NO.: FL-20800.6			
SCALE: N.T.S.				SHEET 8 OF 10			
DWG. BY: JK				© 2016 R.W. BUILDING CONSULTANTS INC.			
CHK. BY: LFS							

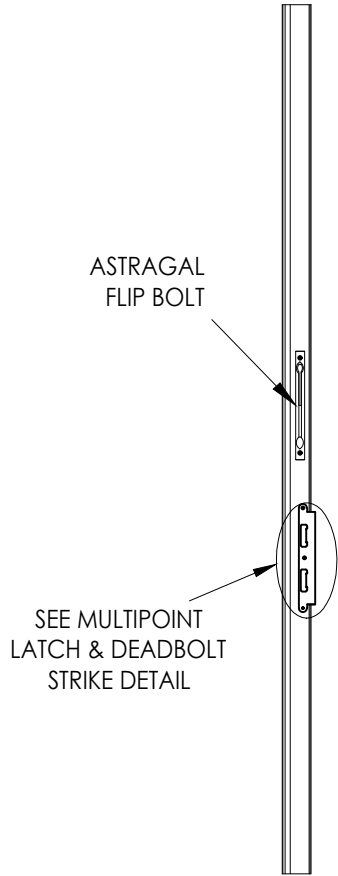
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



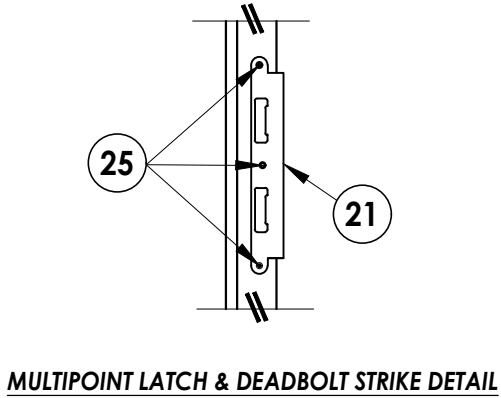
HINGE DETAIL



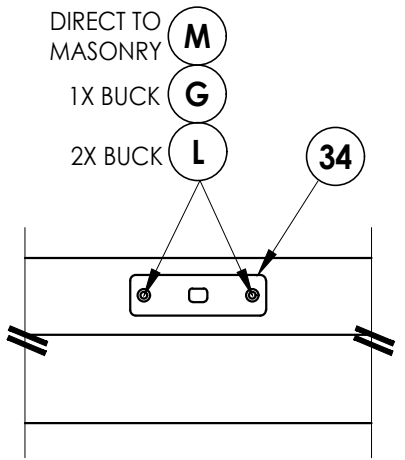
HINGE JAMB



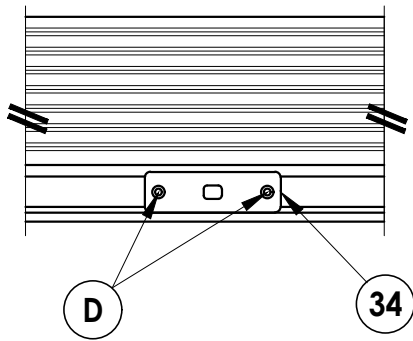
ASTRAGAL STRIKE
Multipoint Lock



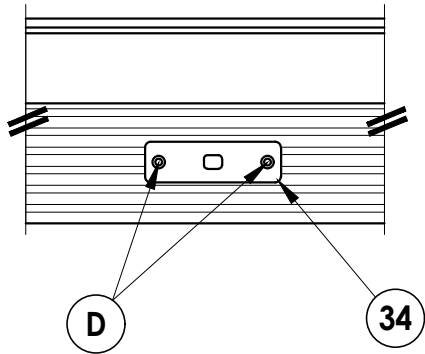
MULTIPOINT LOCK HARDWARE DETAILS



DETAIL 1
Astragal Shootbolt Strike Plate @ Head



DETAIL 2
Astragal Shootbolt Strike Plate @ Sill (Inswing)



DETAIL 2
Astragal Shootbolt Strike Plate @ Sill (Outswing)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				R ^W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		THERMA-TRU WOOD DOOR		PART OR ASSEMBLY:		HARDWARE DETAILS	
				LFS	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	JK	
		NO.	DATE			BY	
				REVISIONS			
DATE: 08/10/16							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-20800.6							
SHEET 9 of 10							

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
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

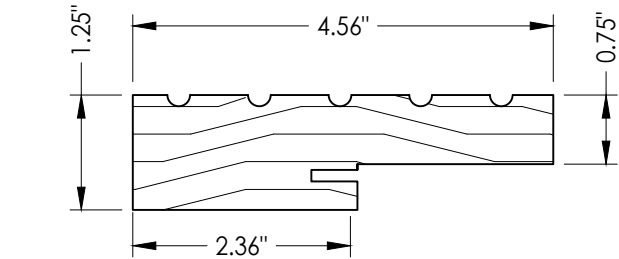
CONCRETE ANCHOR NOTES:

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:

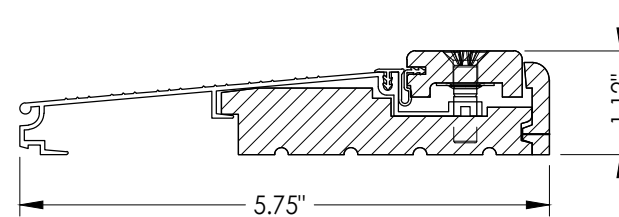
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

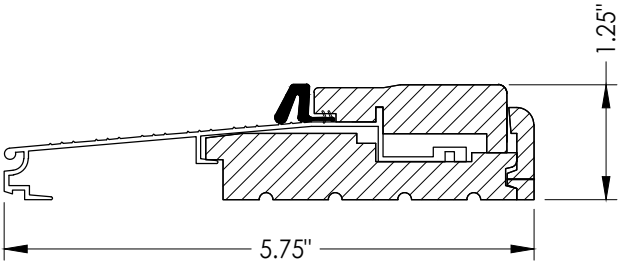
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



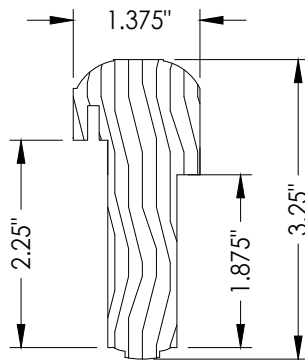
1 WOOD JAMB



30 **INSWING ADJUSTABLE THRESHOLD**
Imperial 5Y



35 OUTSWING BUMB THRESHOLD



3 ASTRAGAL

[illegible]