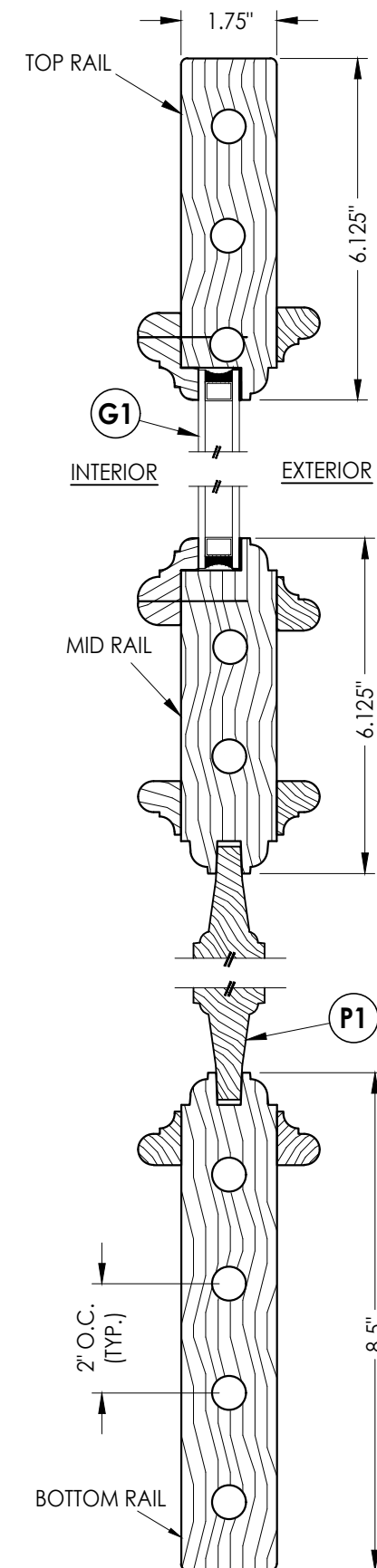
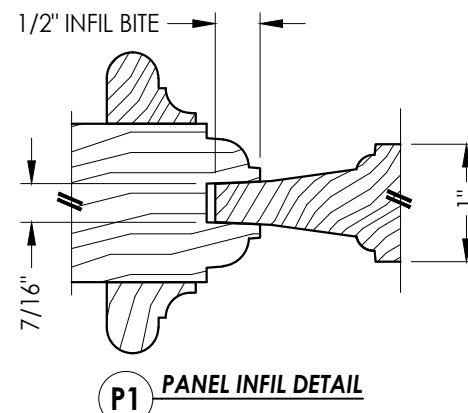
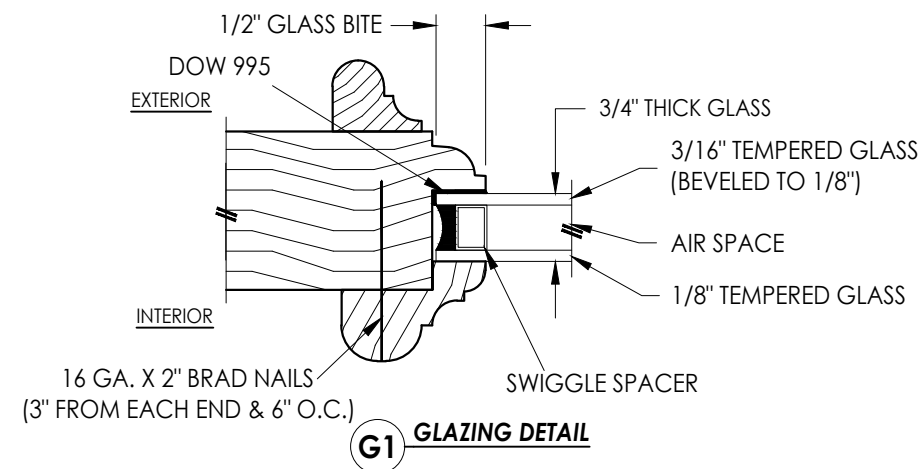
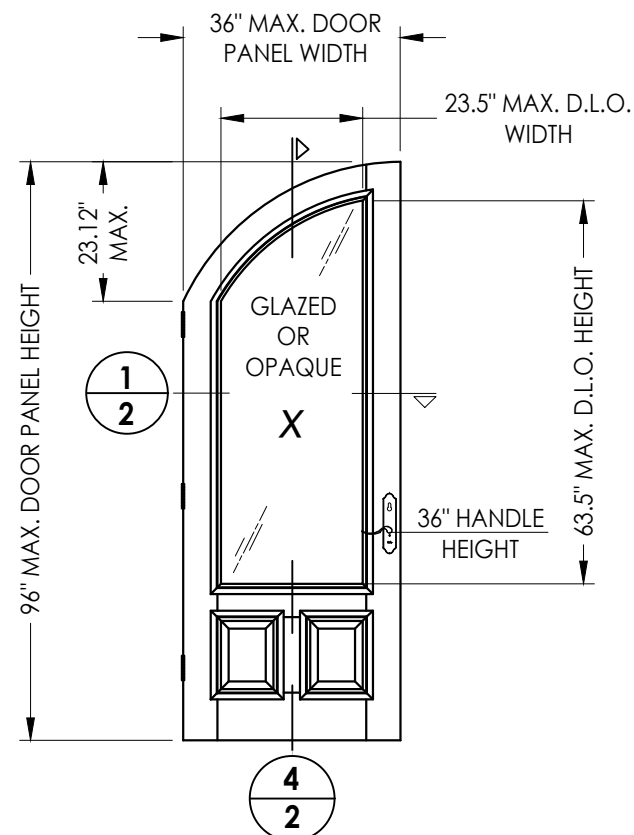
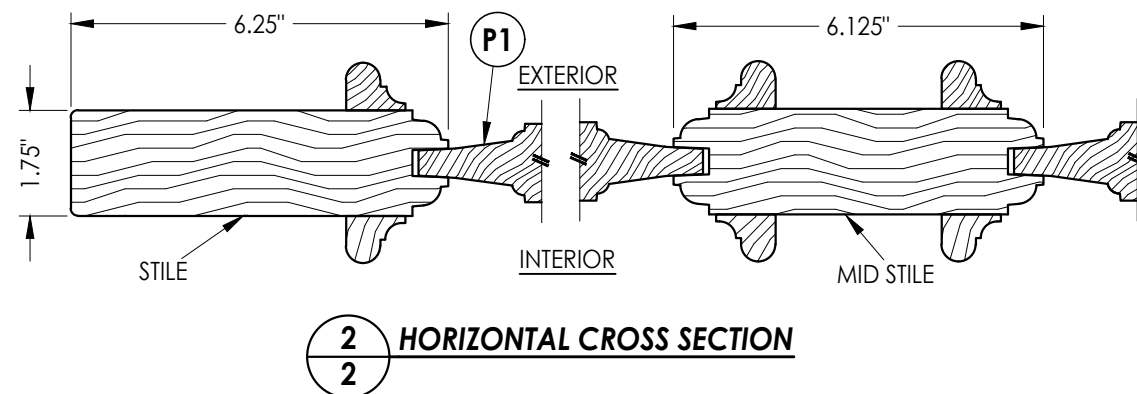
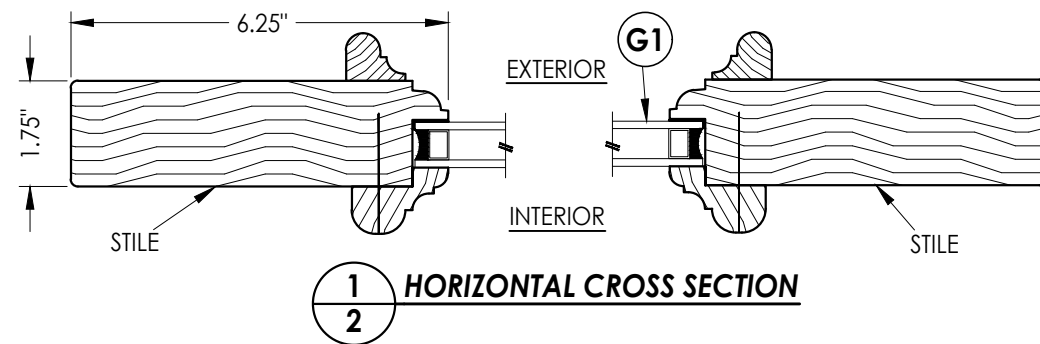




ALL WOOD DOOR COMPONENTS: SAPELE (G => 0.55)

[illegible]

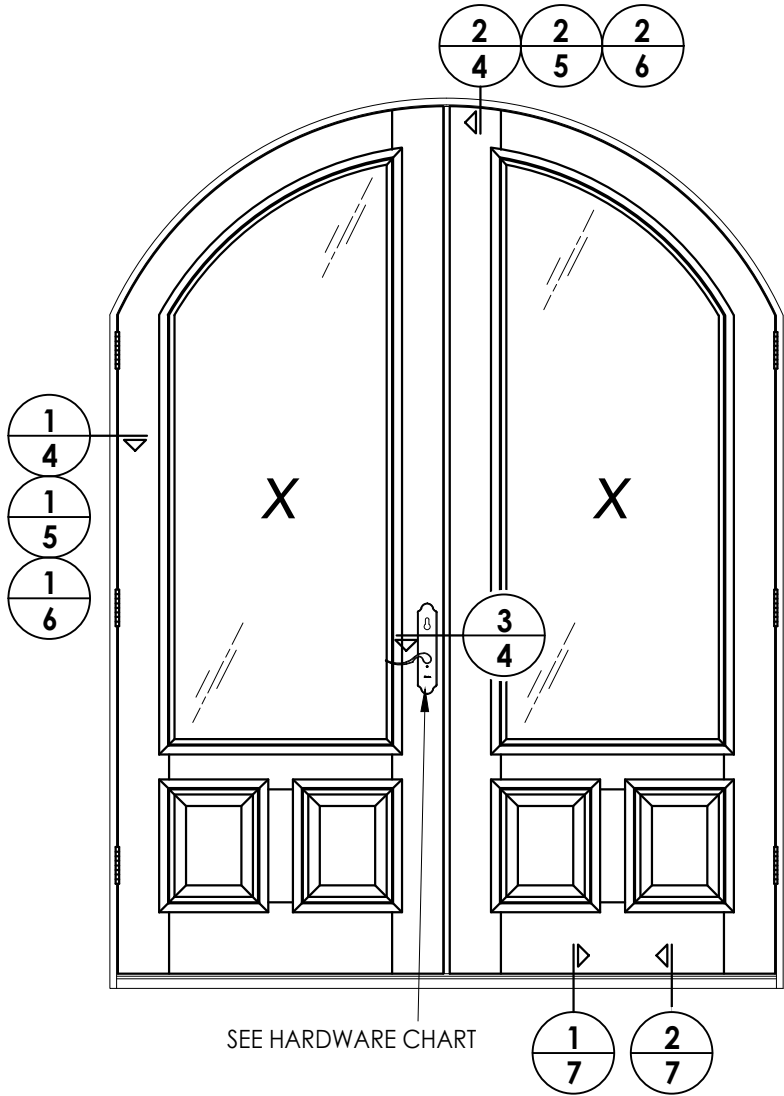
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:

DOOR PANEL DETAILS

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



HARDWARE TABLE	
MANUFACTURER	MODEL
G-U	<u>ACTIVE DOOR</u> MULTIPOINT LOCK (3-pt Shootbolt): SECURY S-BOLT LOCKING SYSTEM (6-36928-01-0-8B) <u>MORTISE LOCK TRIM:</u> EMTEK
G-U	<u>INACTIVE DOOR</u> ASTRAGAL FLIP BOLT MORTISE LOCK (6-C7250-19-0-0)

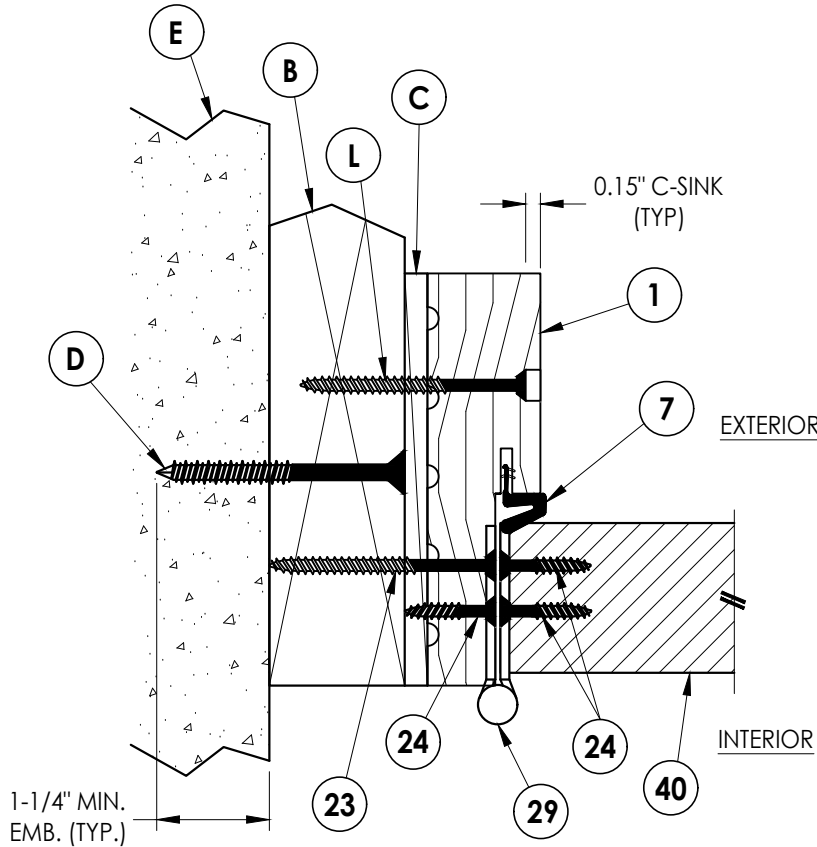
DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.7
SHEET 3 OF 10

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

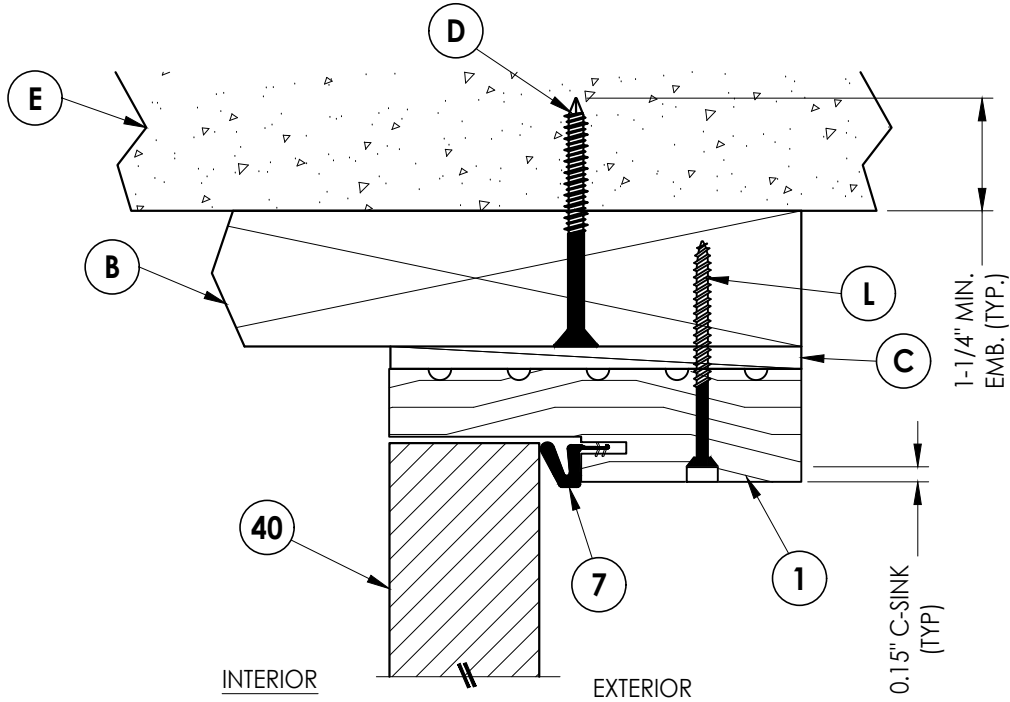
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

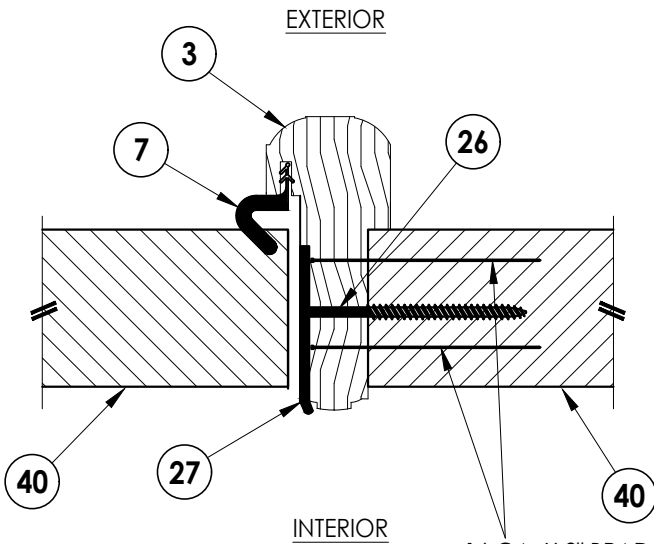
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg



1 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)

16 GA. X 2" BRAD NAILS: 2" from each end plus
9 more pairs equally space (11 pairs total).

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20800.7

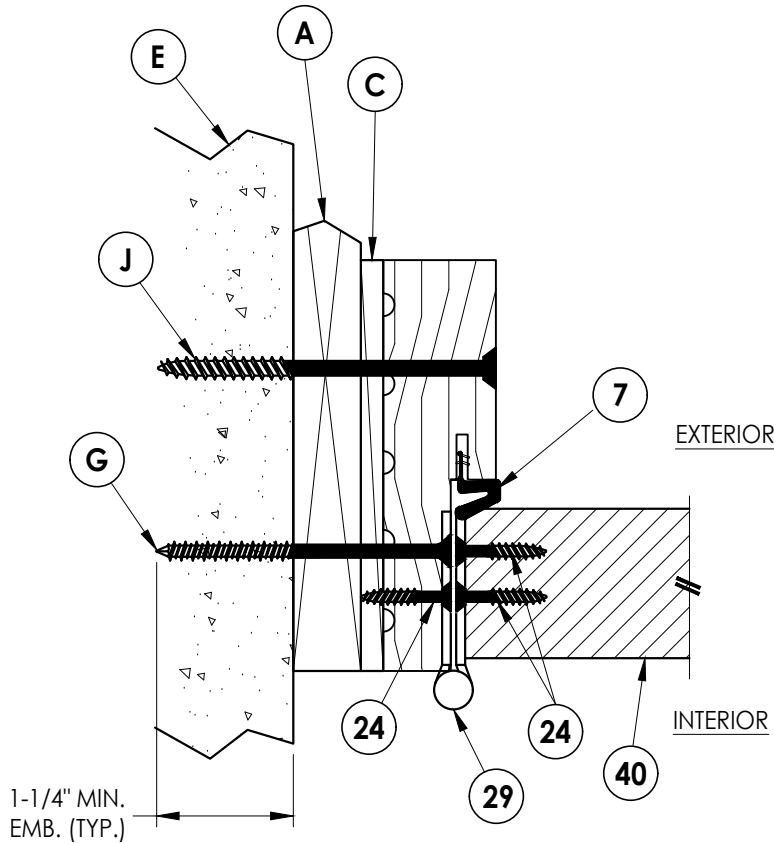
SHEET 4 OF 10

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

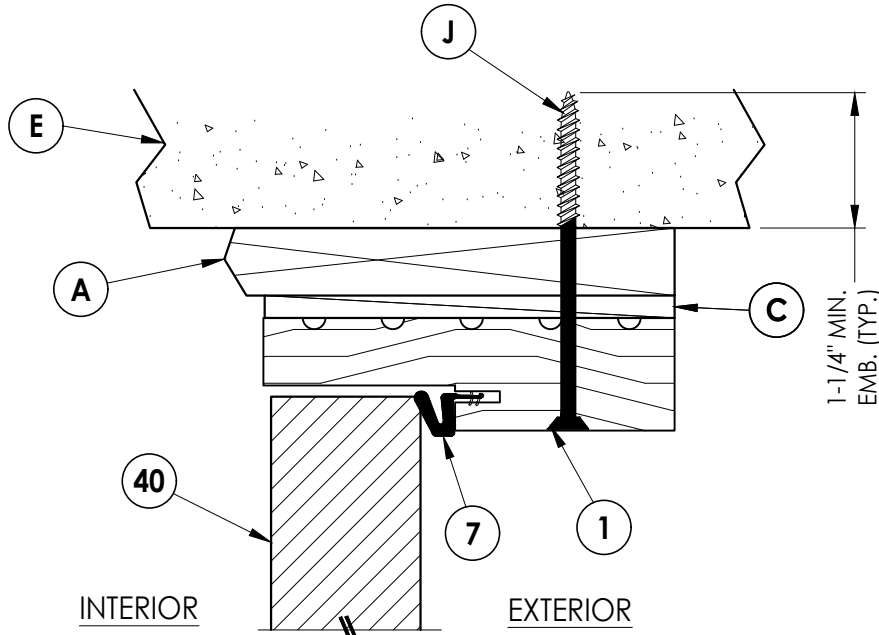
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

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

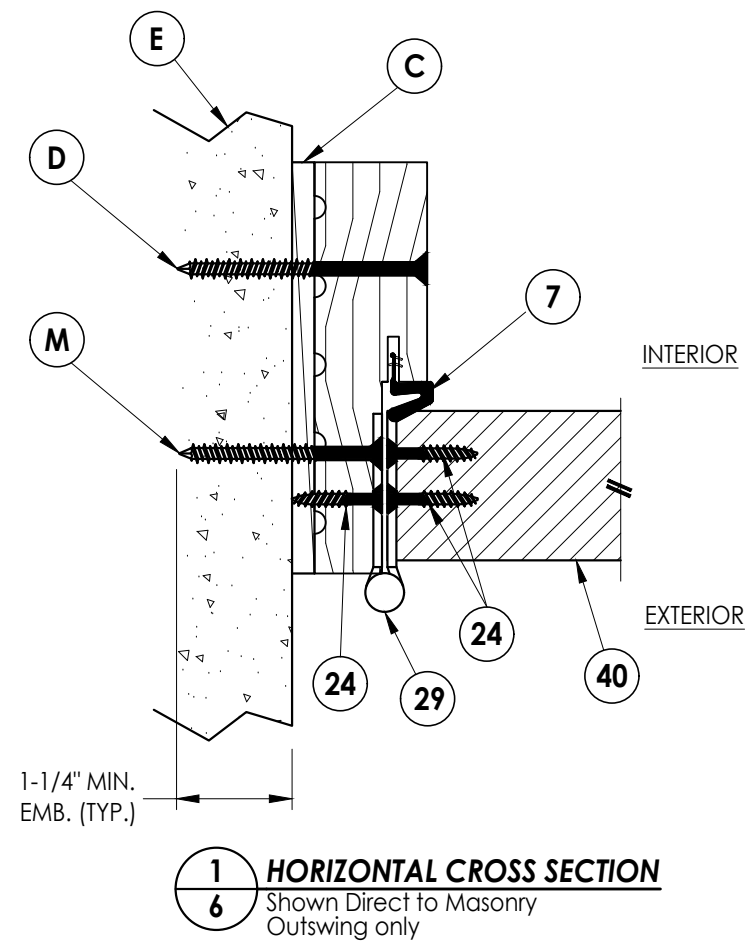


2
5 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	5 OF 10

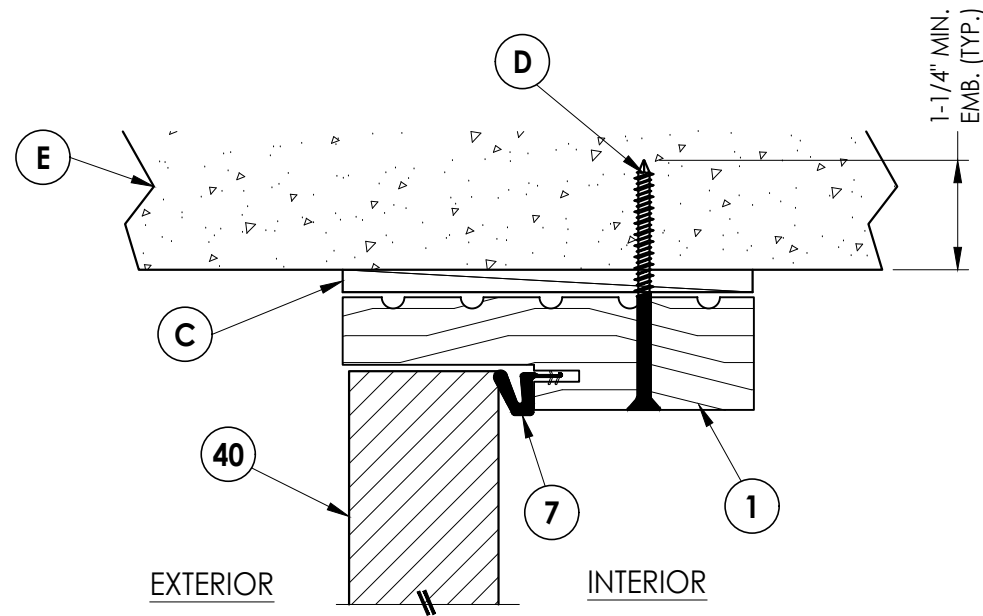
PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
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1 **HORIZONTAL CROSS SECTION**

6 Shown Direct to Masonry
Outswing only



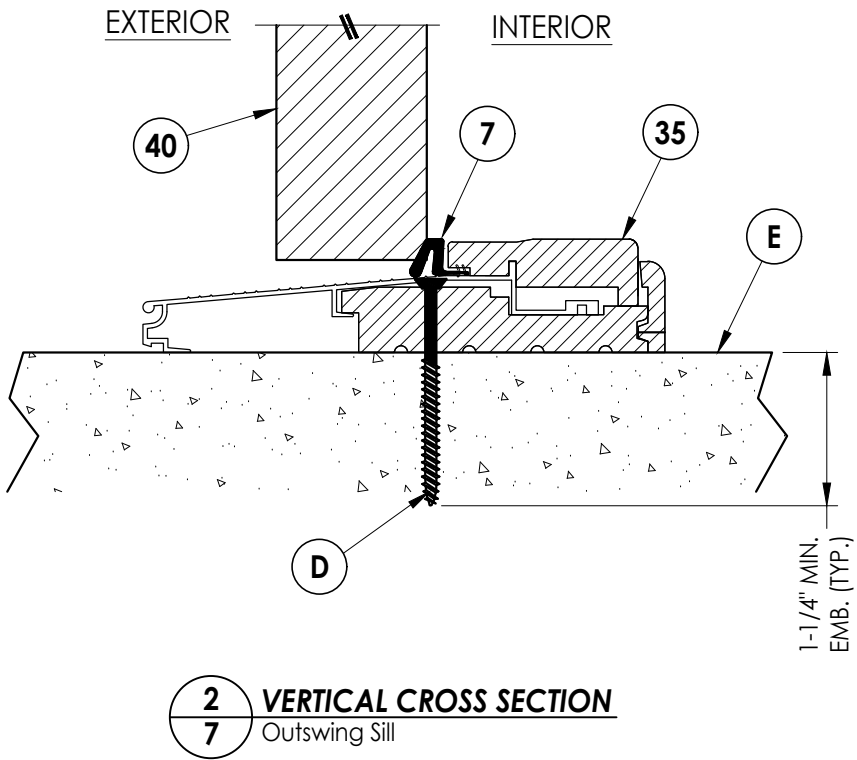
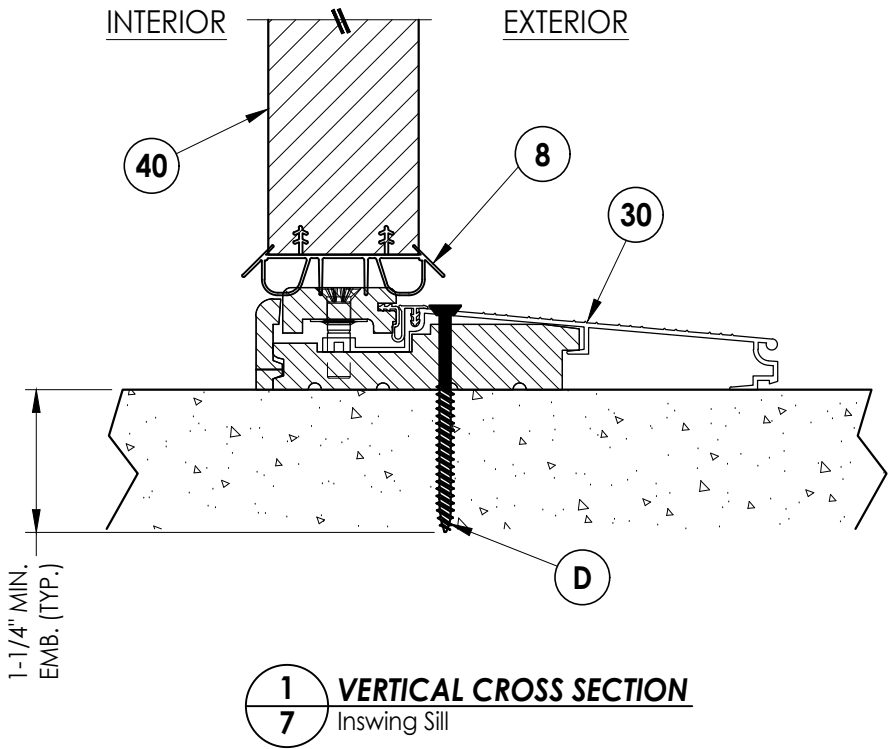
2 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
Outswing only

[illegible]

PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)
--	---

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



DATE: 8/10/16	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-20800.7	
SHEET 7	OF 10

NO.	DATE	REVISIONS
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

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

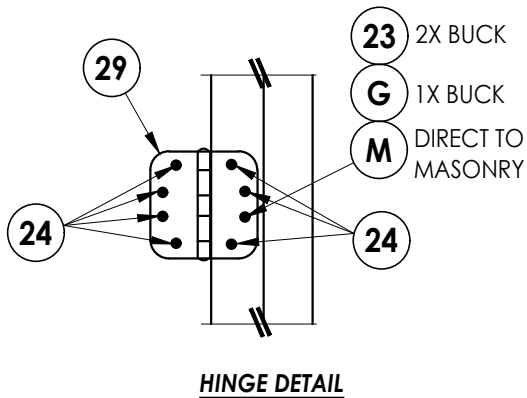
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813



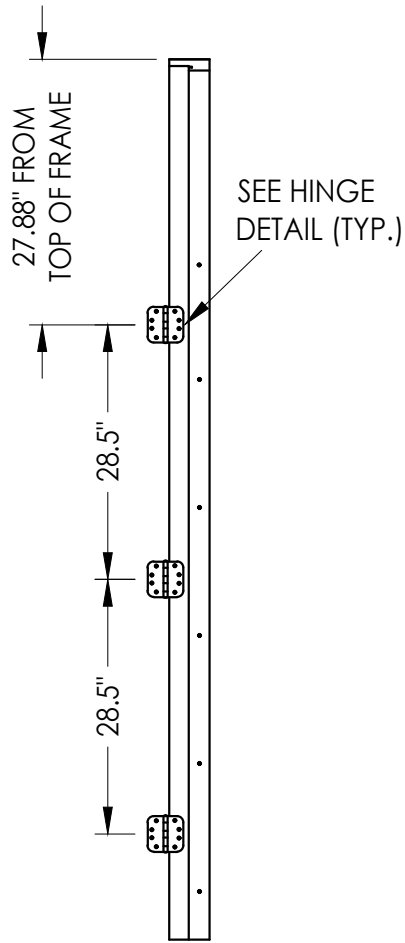
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 3" FH WOOD SCREWS @ HEAD & SILL.

[illegible]

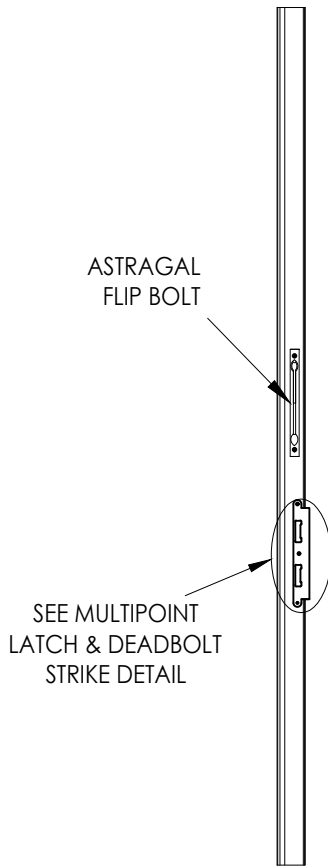
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



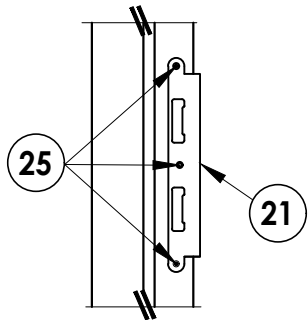
HINGE DETAIL



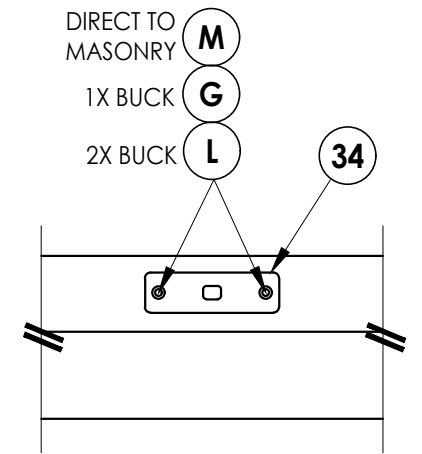
HINGE JAMB



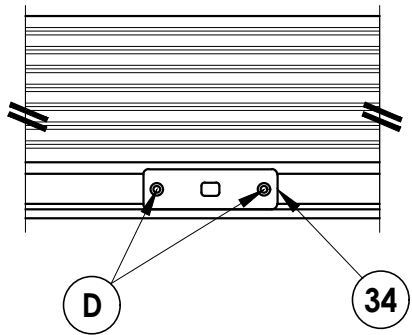
ASTRAGAL STRIKE
Multipoint Lock



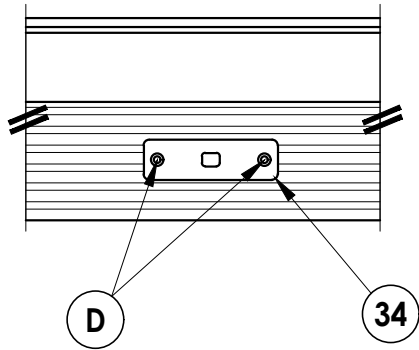
MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL



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

NO.	DATE	REVISIONS
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:	08/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	9 OF 10

PRODUCT:	THERMA-TRU WOOD DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

Documents Prepared By:
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P.E. No. 43409

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

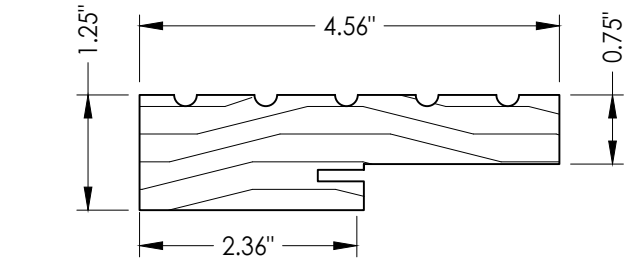
Z:\2023 FBC Drawings\International Wood Trade\FL-20800 R3\FL-20800.4-7.dwg

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

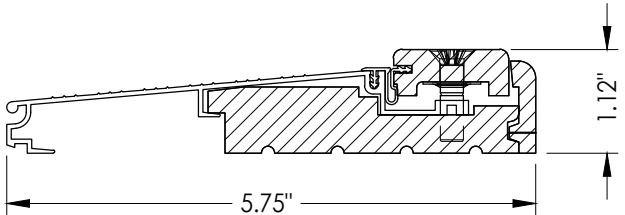
- CONCRETE ANCHOR NOTES:
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
 - Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required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

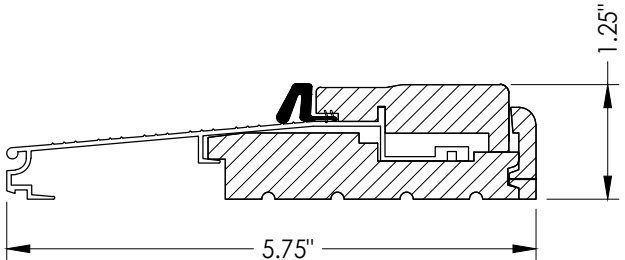
- WOOD SCREW INSTALLATION NOTES:
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



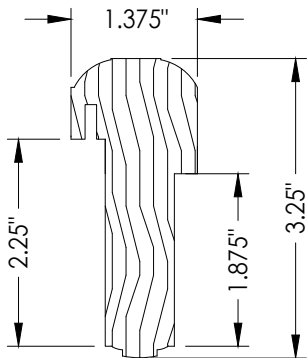
1 WOOD JAMB



30 INSWING ADJUSTABLE THRESHOLD
Imperial 5Y



35 OUTSWING BUMB THRESHOLD
Imperial



3 ASTRAGAL

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		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
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-20800.7			
SHEET 10 OF 10			