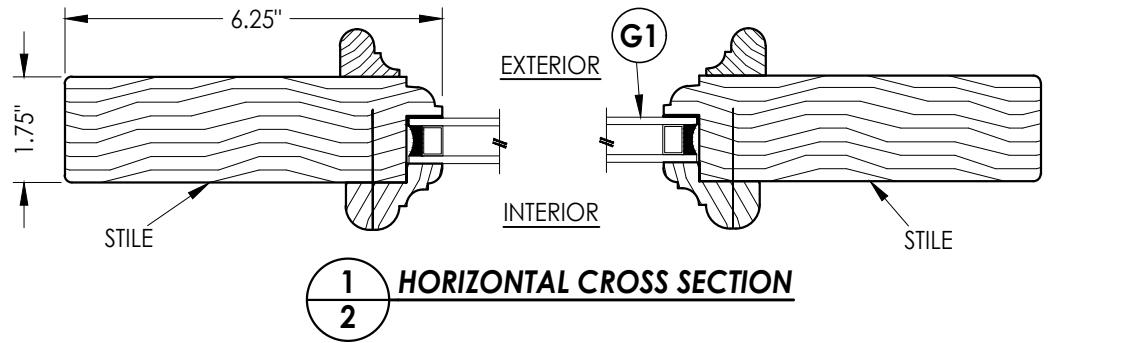
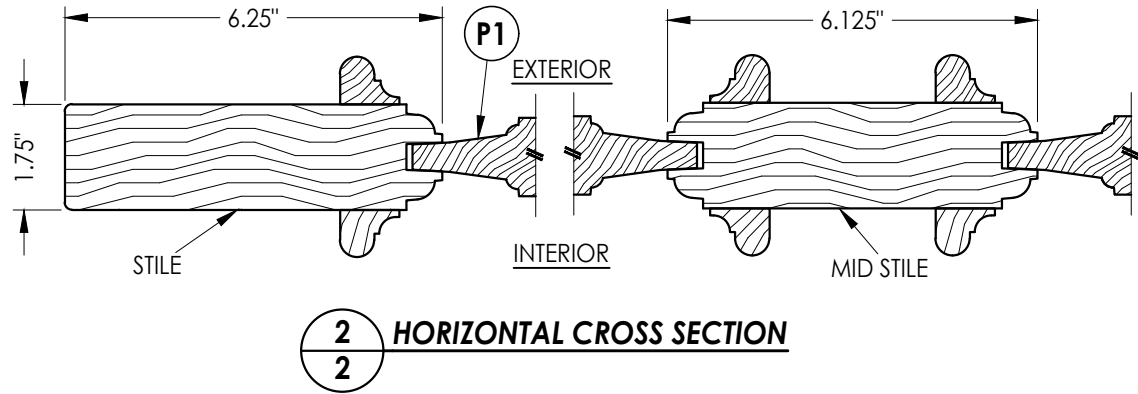


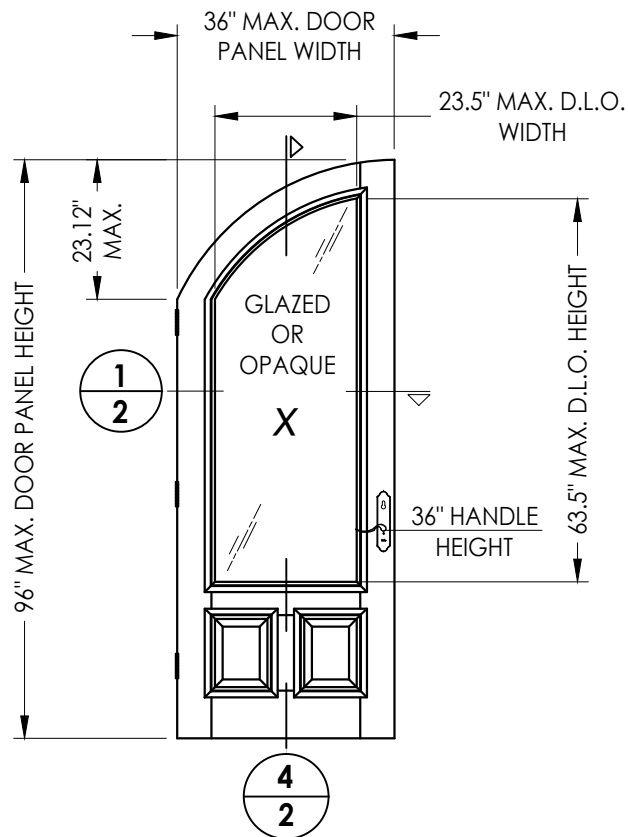
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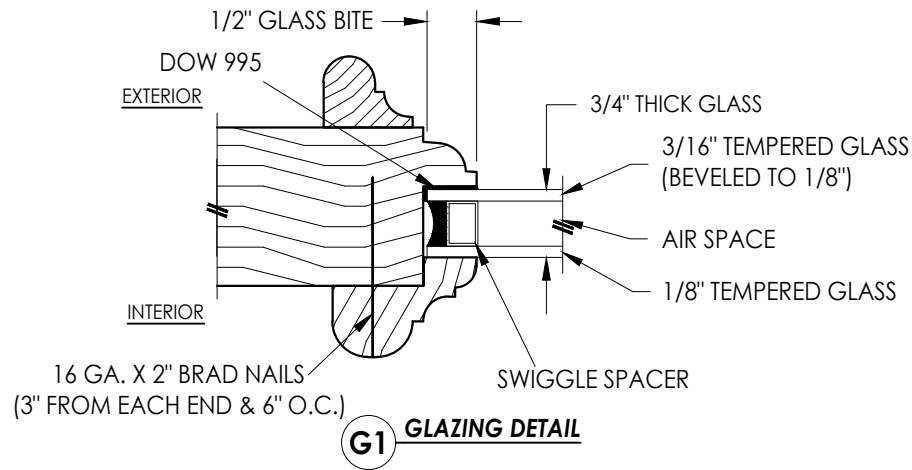
1
2 HORIZONTAL CROSS SECTION



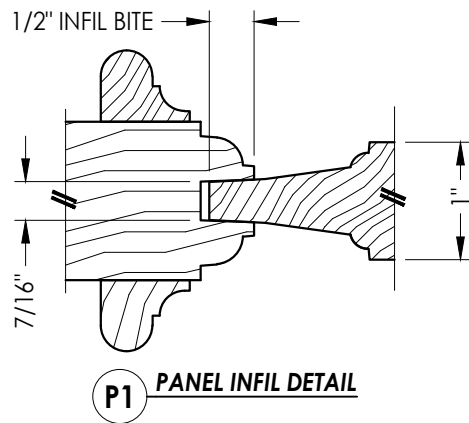
2
2 HORIZONTAL CROSS SECTION



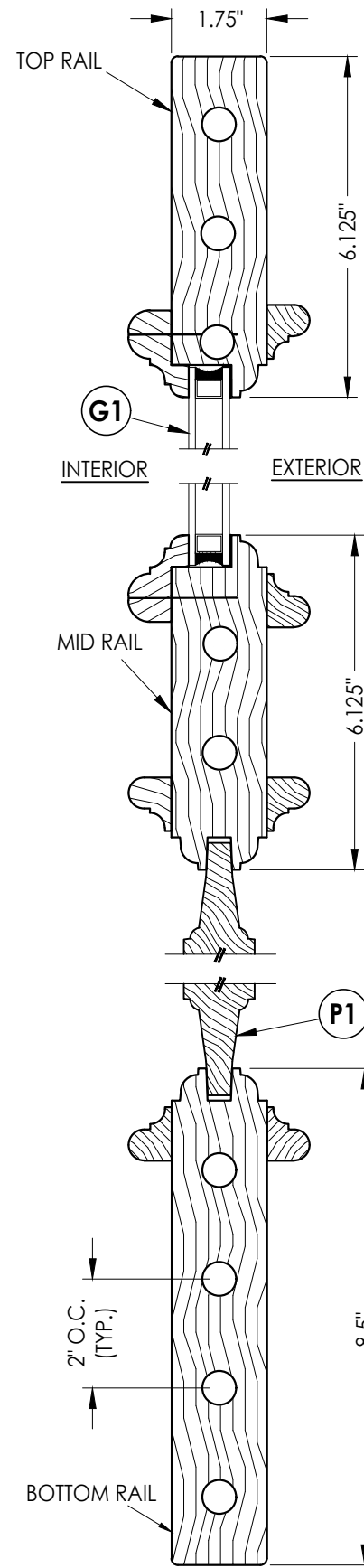
40 WOOD DOOR PANEL
Glazed or Opaque



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

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

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: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

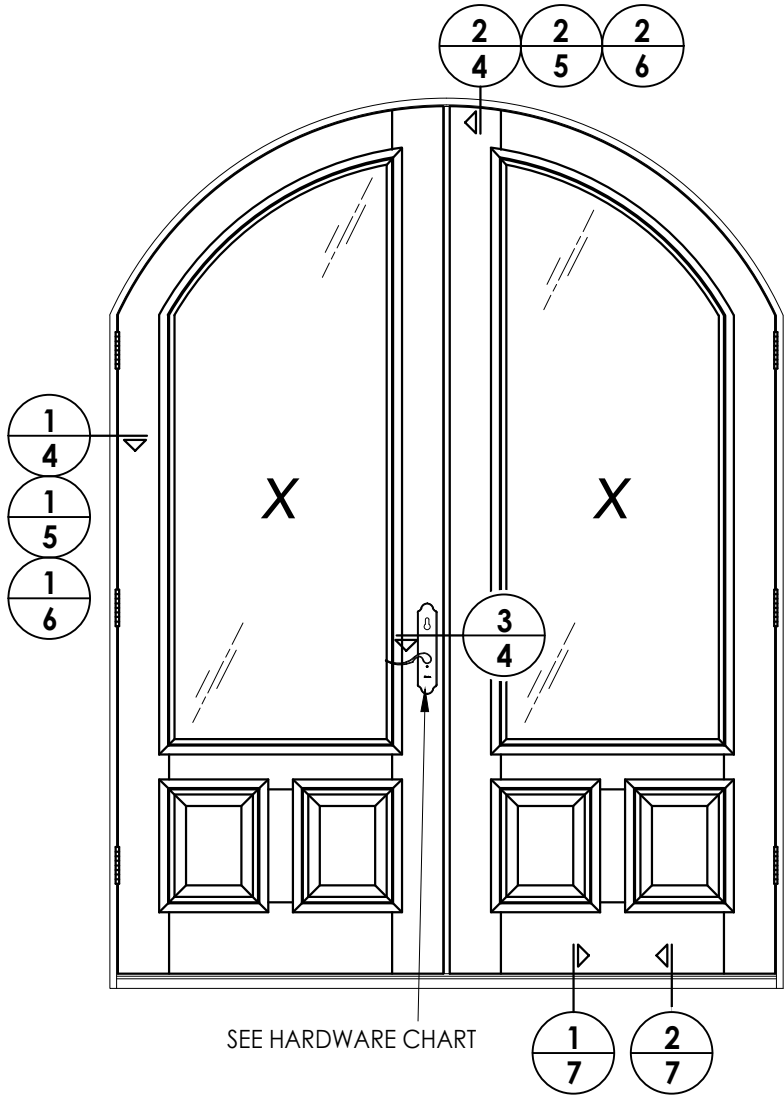
CHK. BY: LFS

DRAWING NO.:

FL-20800.7

SHEET 2 OF 10

RW BUILDING CONSULTANTS, INC.
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)

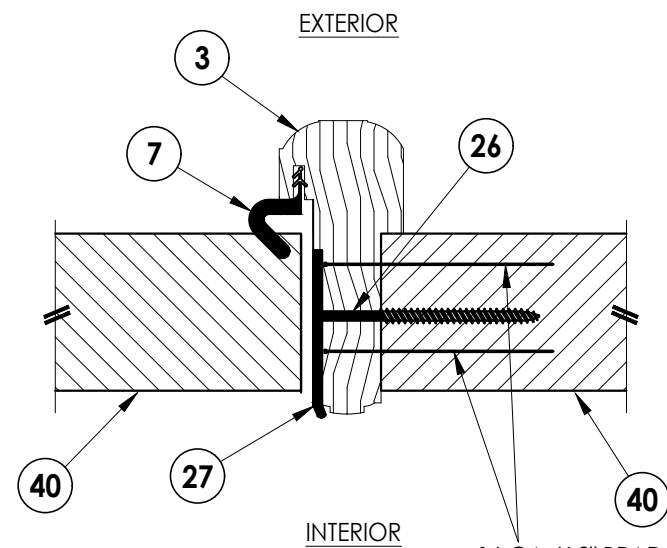
DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.7
SHEET 3 OF 10

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

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

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)

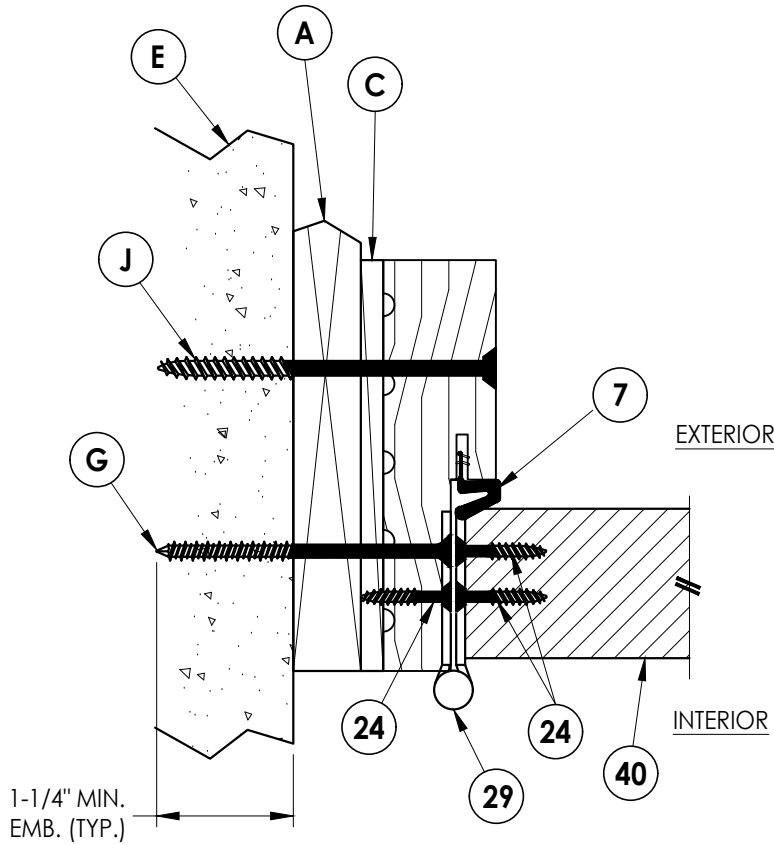
16 GA. X 2" BRAD NAILS: 2" from each end plus 9 more pairs equally space (11 pairs total).

[illegible]

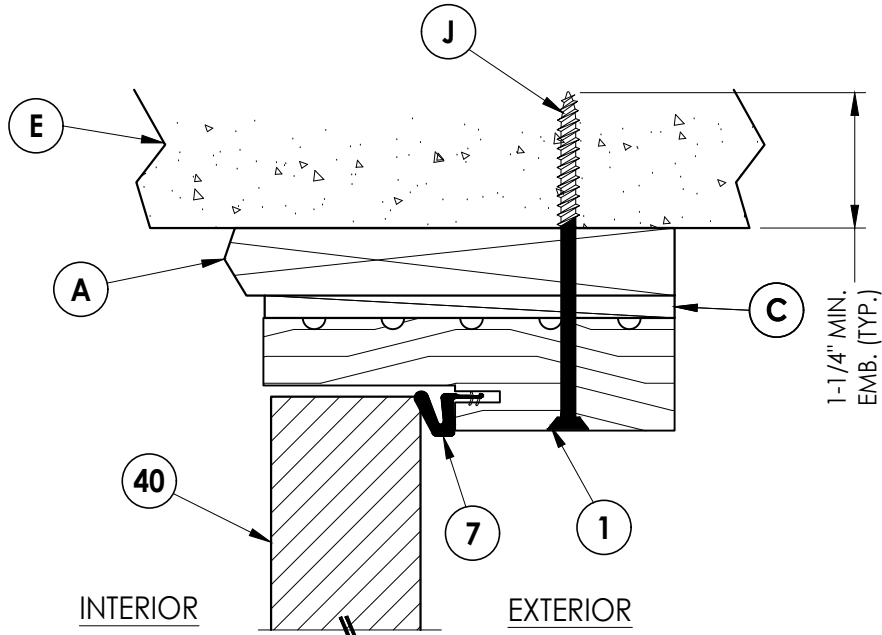
PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

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

RW
BUILDING CONSULTANTS, INC.
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)

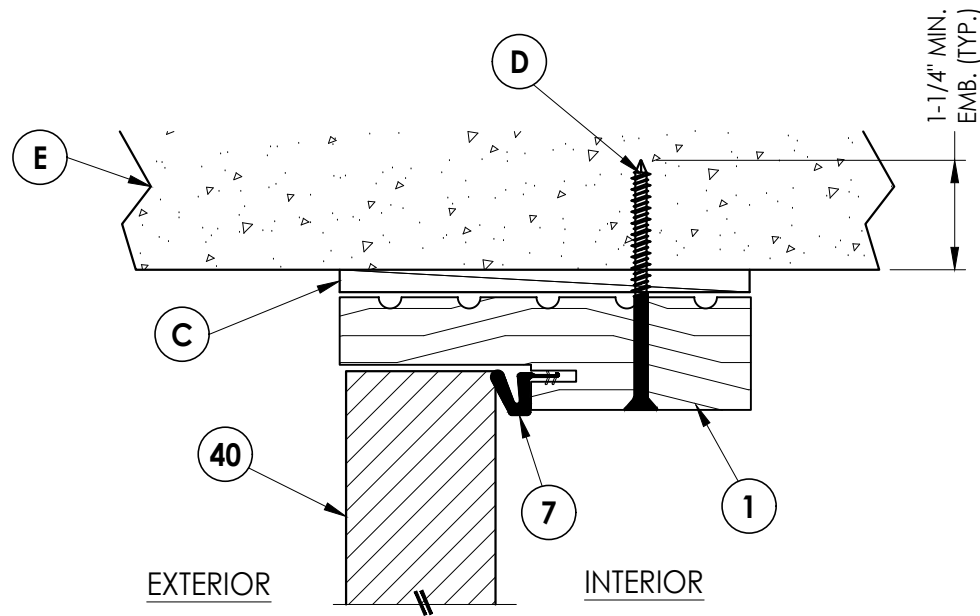
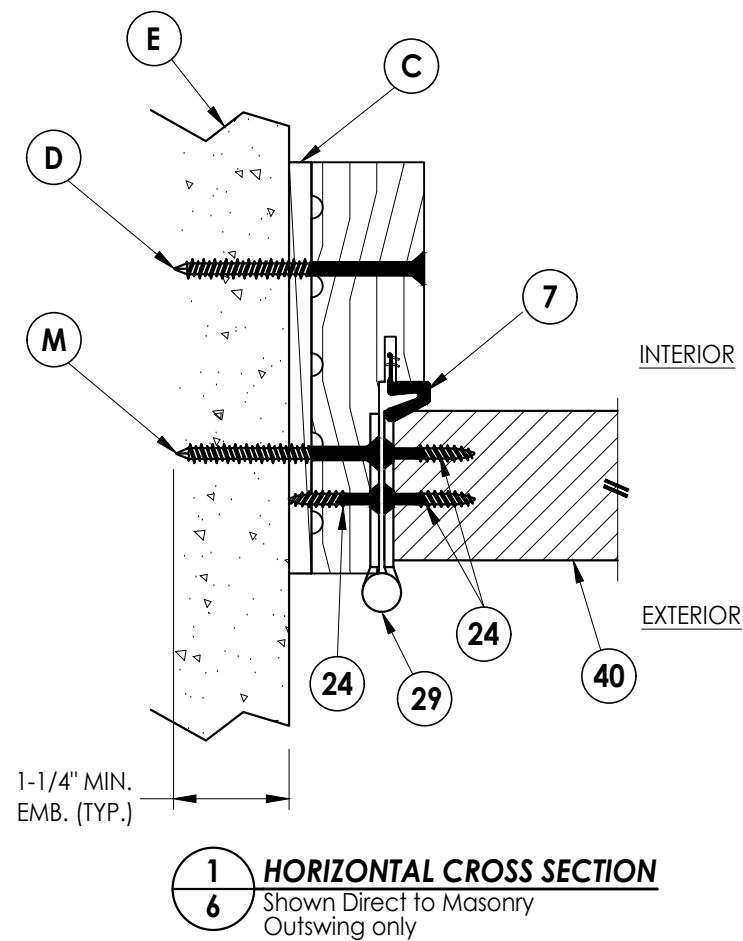
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	5 OF 10

NO.	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
NO.	DATE	BY

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

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



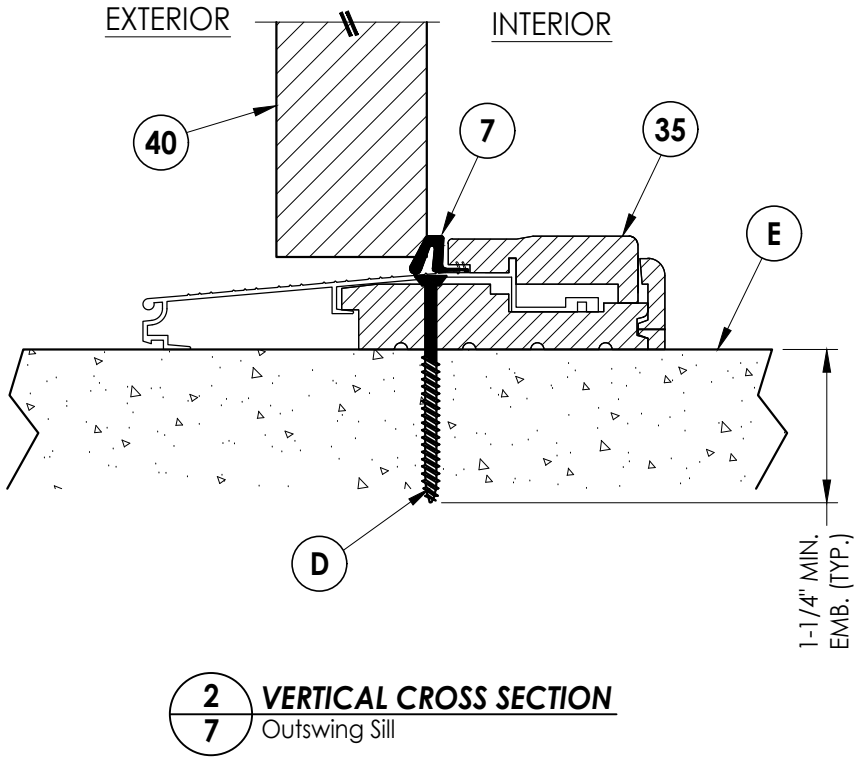
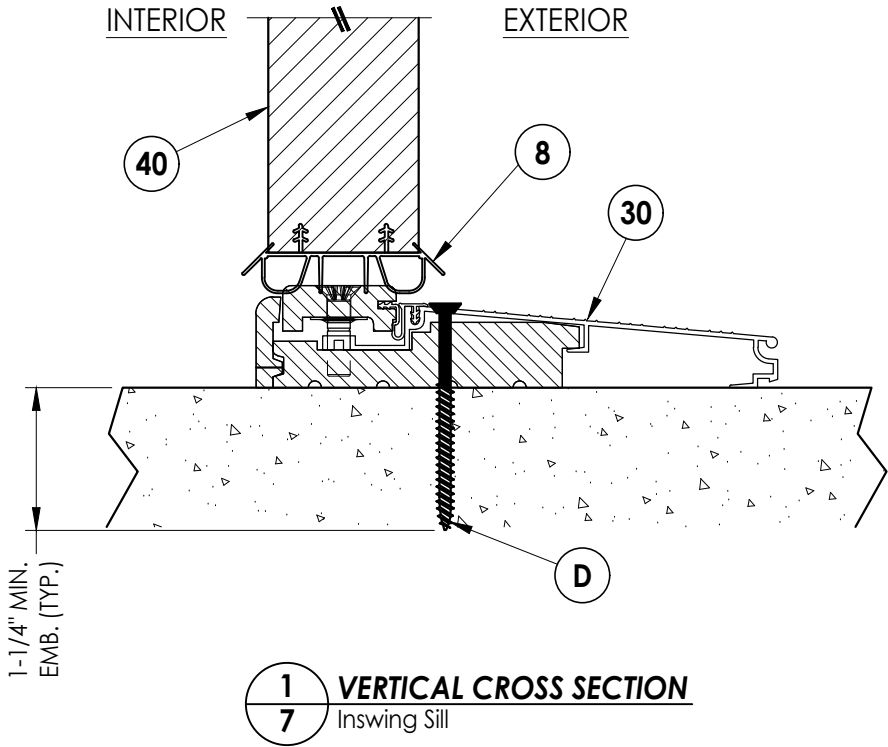
2 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
Outswing only

[illegible]

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

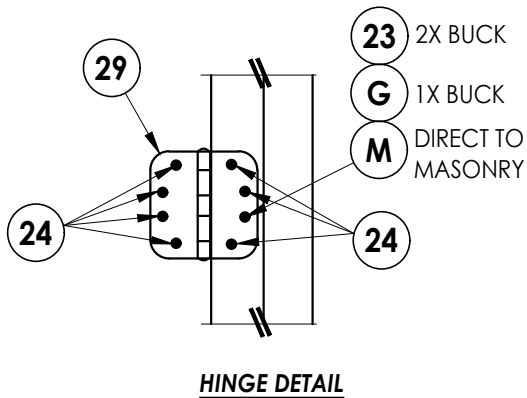
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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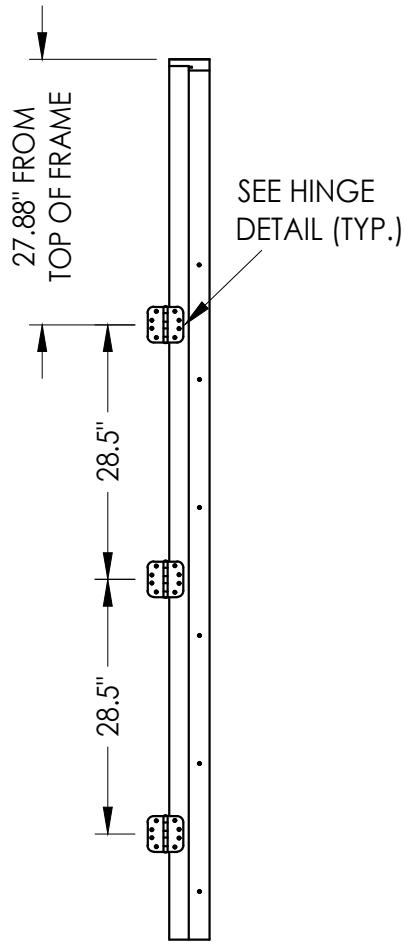


PRODUCT:		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
DOCUMENTS PREPARED BY:		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
Lyndon F. Schmidt		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
P.E. No. 43409		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
BUILDING CONSULTANTS, INC.		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
P.O. Box 230, Valrico, FL 33595		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
Phone No.: 813.659.9197		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
FBPE Registry No. 9813		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
DATE: 8/10/16		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
SCALE: N.T.S.		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
DWG. BY: JK		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
CHK. BY: LFS		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
DRAWING NO.: FL-20800.7		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	
SHEET 7 OF 10		INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)	

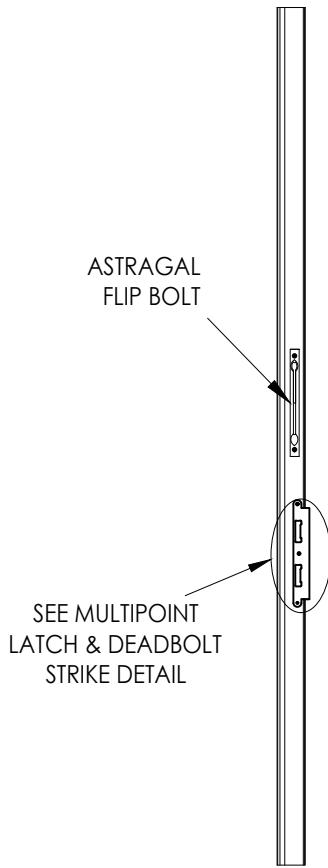
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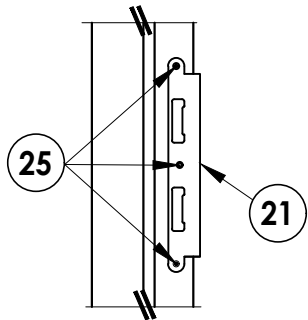
HINGE DETAIL



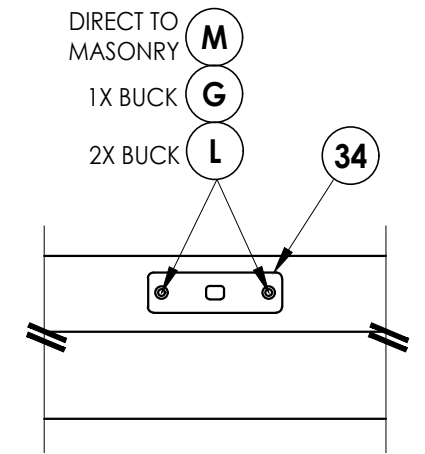
HINGE JAMB



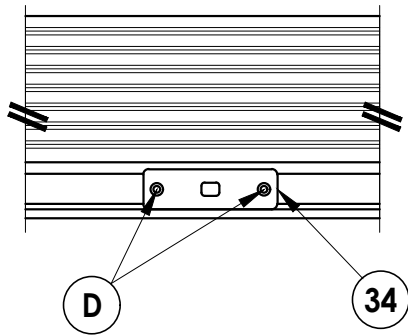
ASTRAGAL STRIKE
Multipoint Lock



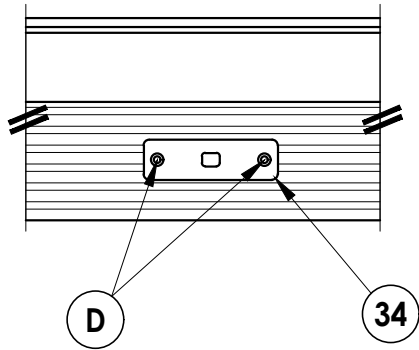
MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL



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			
		DATE	BY	JK	LFS
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:	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: 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
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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

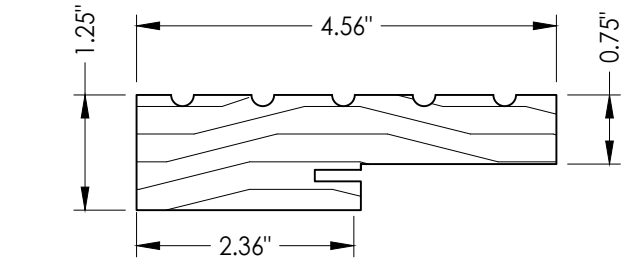
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

CONCRETE ANCHOR NOTES:

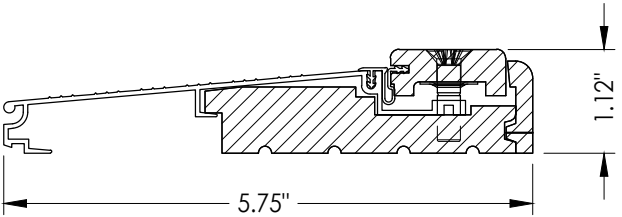
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX.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

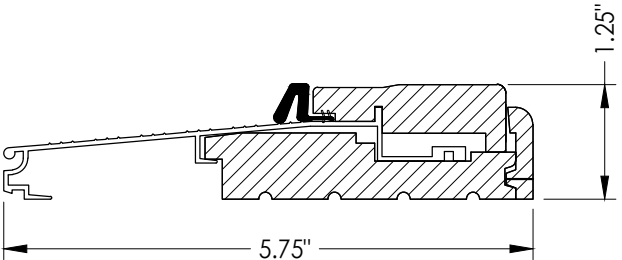
WOOD SCREW INSTALLATION NOTES:
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



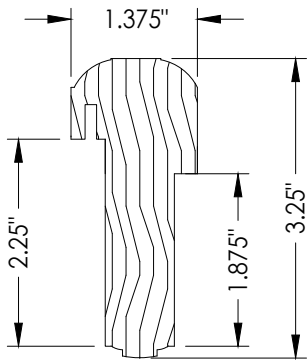
1 WOOD JAMB



30 INSWING ADJUSTABLE THRESHOLD



35 **OUTSWING BUMB THRESHOLD**
Imperial



3 ASTRAGAL

[illegible]