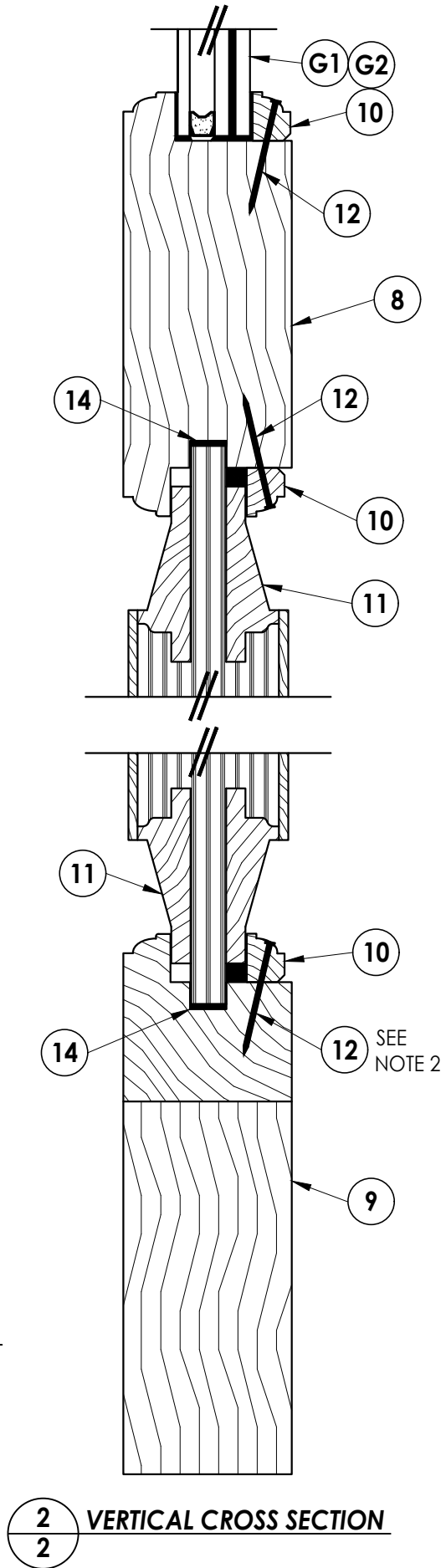
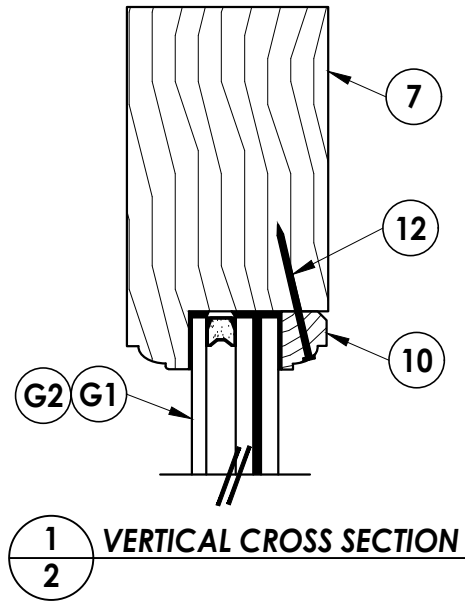
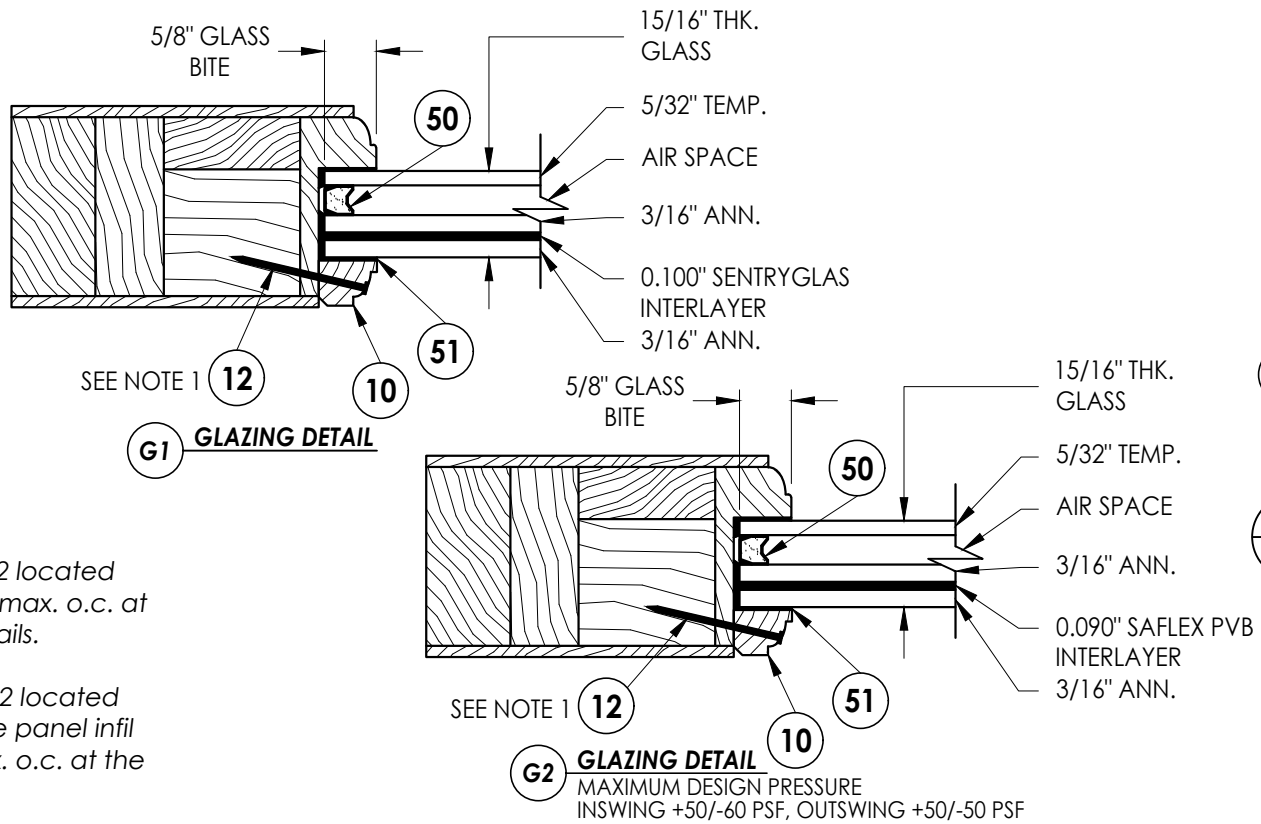
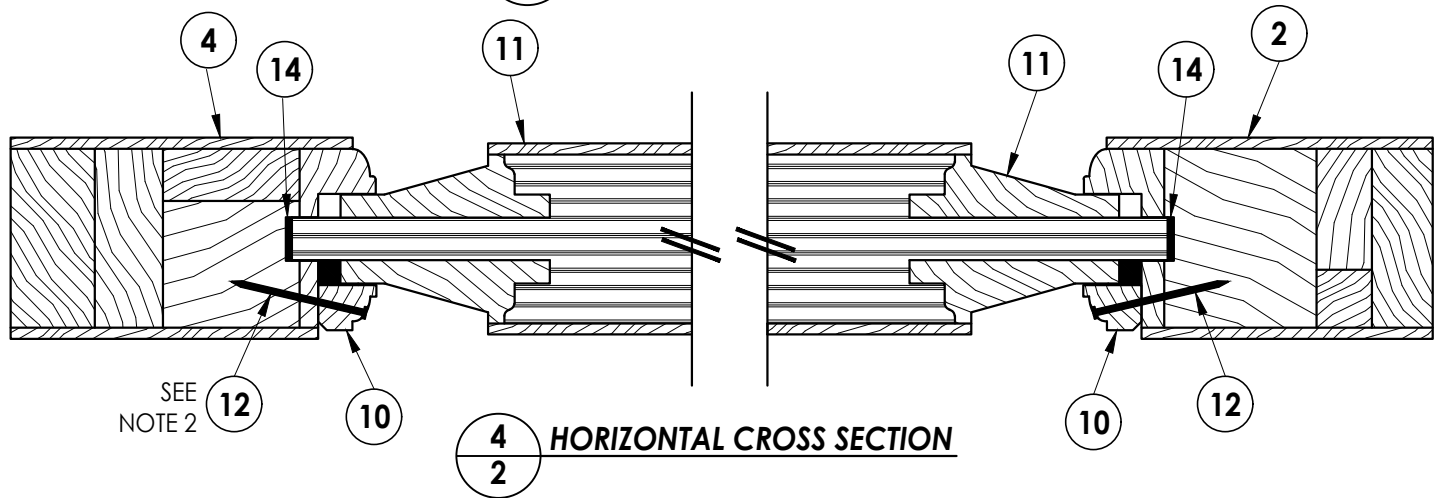
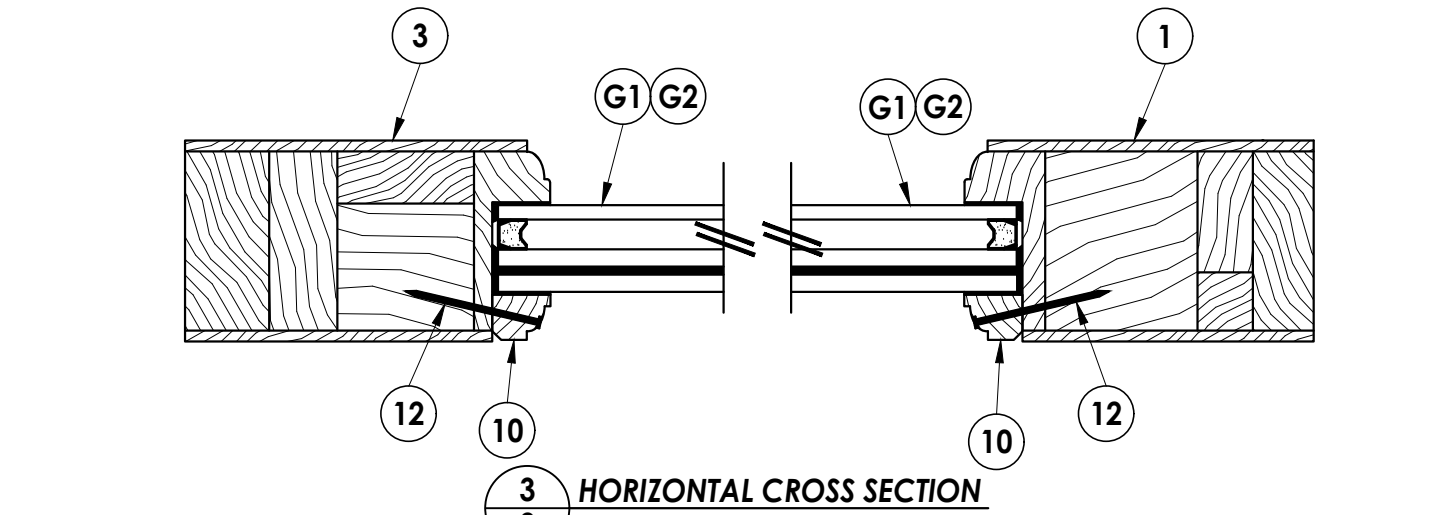
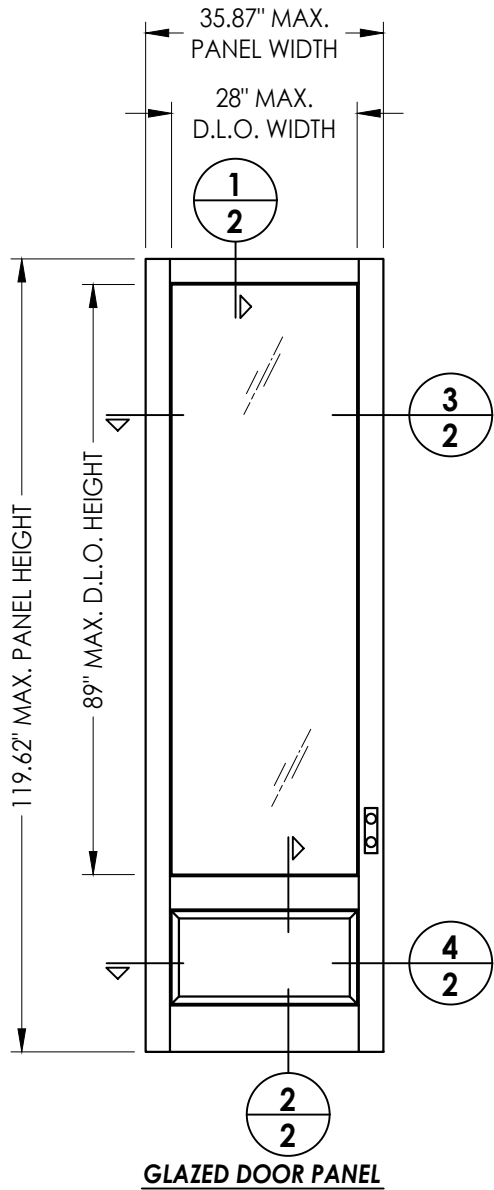


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- NOTES**
1. Glass infil stop anchorage: item #12 located typ. 2" from each corner and 7.78" max. o.c. at the stiles & 6.125" max. o.c. at the rails.
 2. Panel infil stop anchorage: item #12 located typ. 2" from each corner and at the panel infil centerline at the stiles & 6.125" max. o.c. at the rails.

PRODUCT:		GLAZED & OPAQUE WOOD DOOR			
		PART OR ASSEMBLY:			
		GLAZED DOOR PANEL SECTIONS AND GLAZING DETAIL			
		REVISONS			
				NO.	DATE
4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS	
DATE: 6/25/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15737.11					
SHEET 2 OF 11					

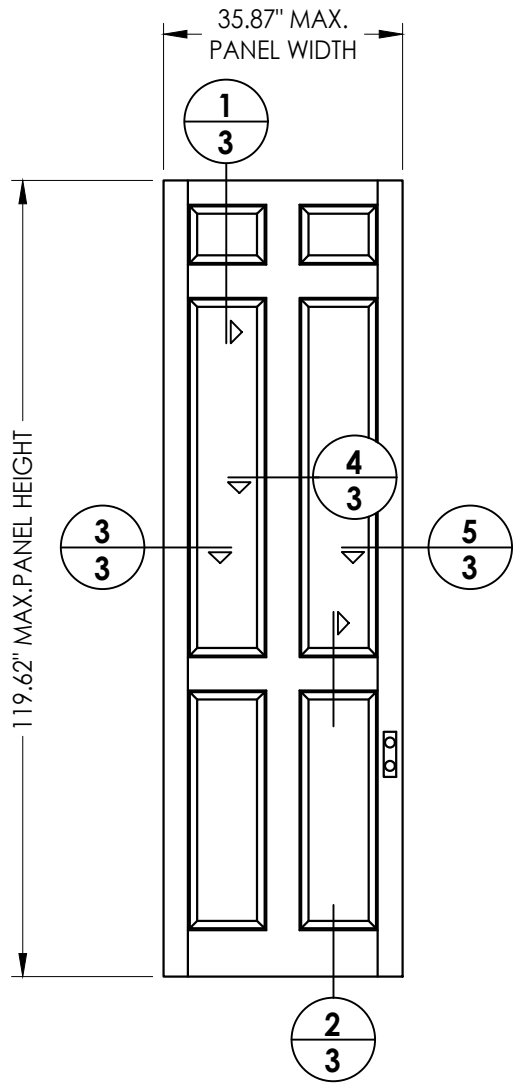
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW

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

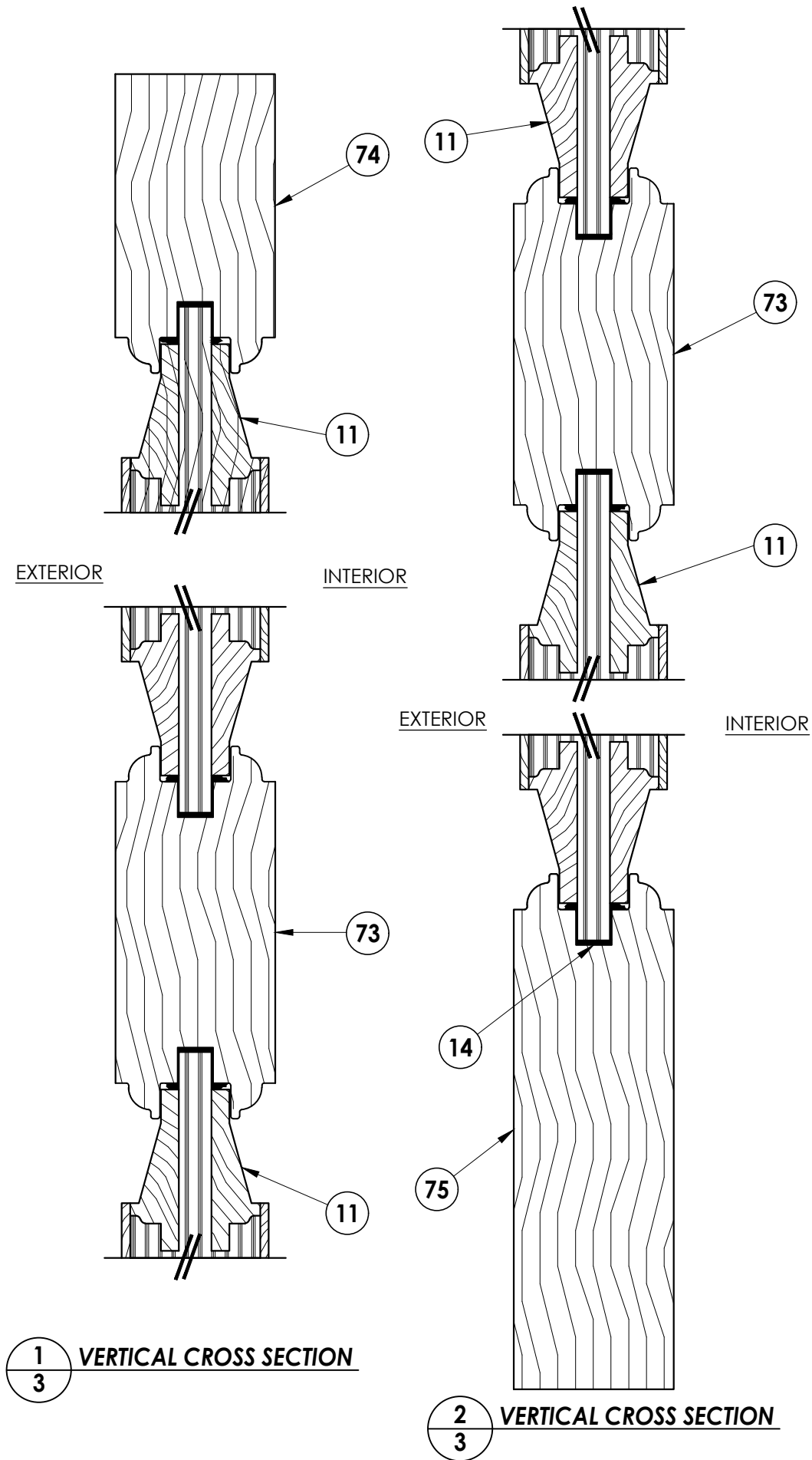
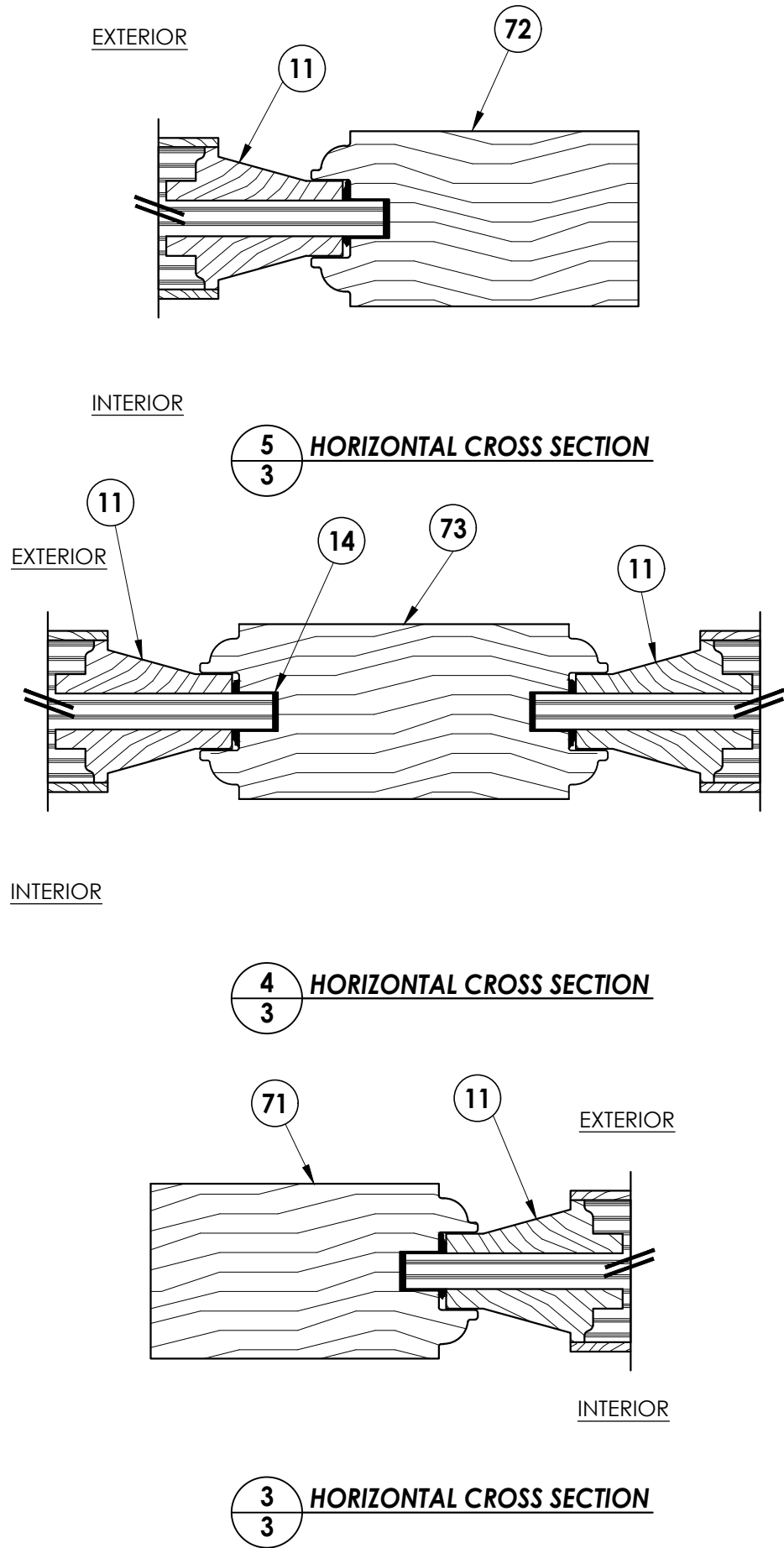
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OPAQUE DOOR PANEL

Six panel model shown
Other models are available



PRODUCT:		GLAZED & OPAQUE WOOD DOOR	
4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO.	DATE	REVISIONS	
BY			

DATE: 6/25/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

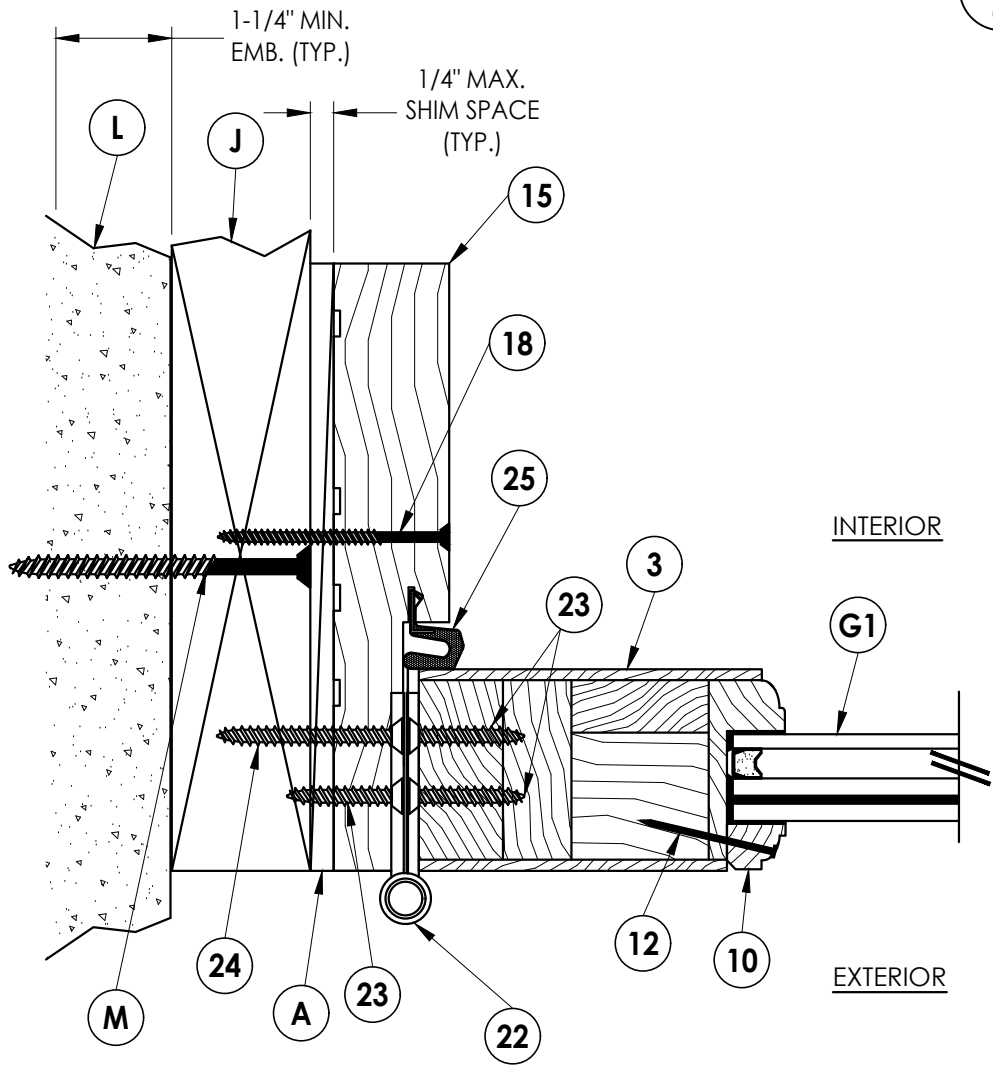
FL-15737.11

SHEET 3 OF 11

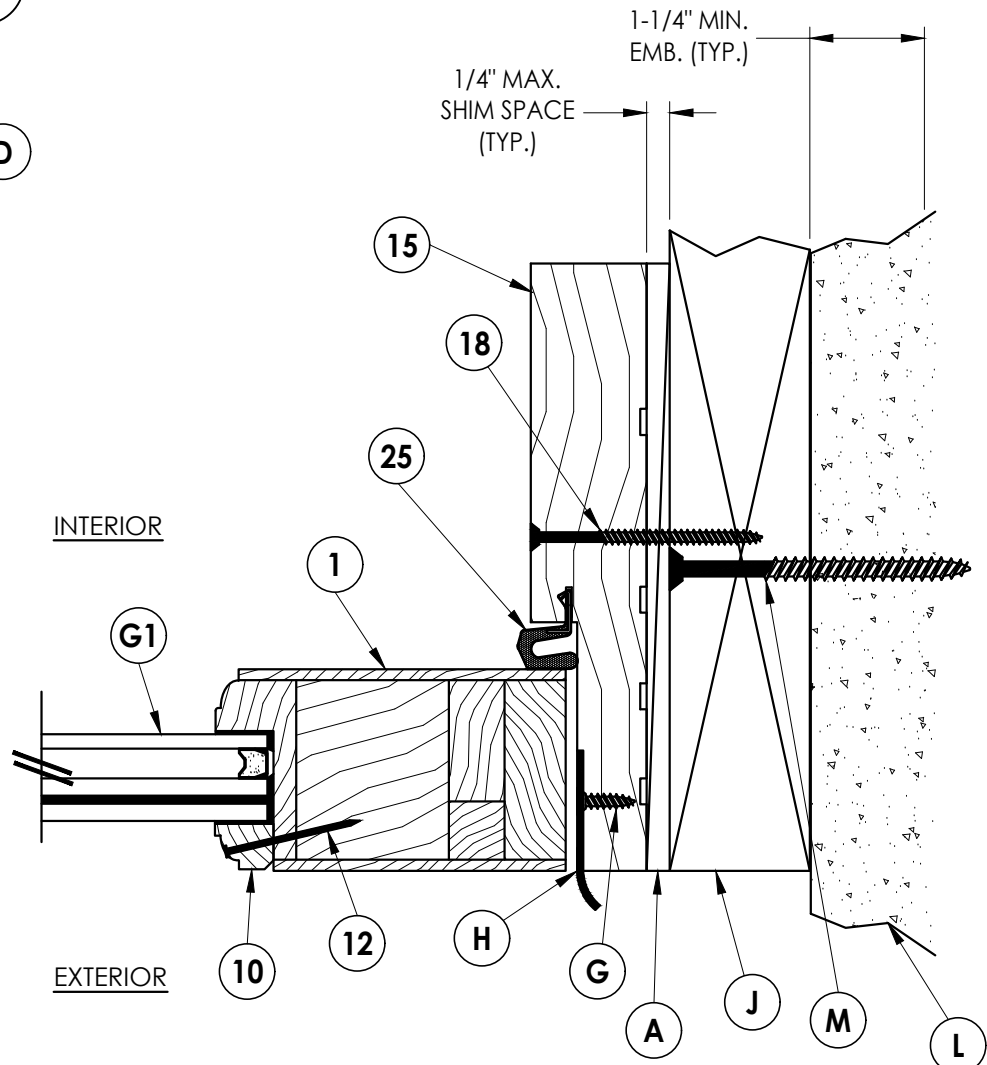
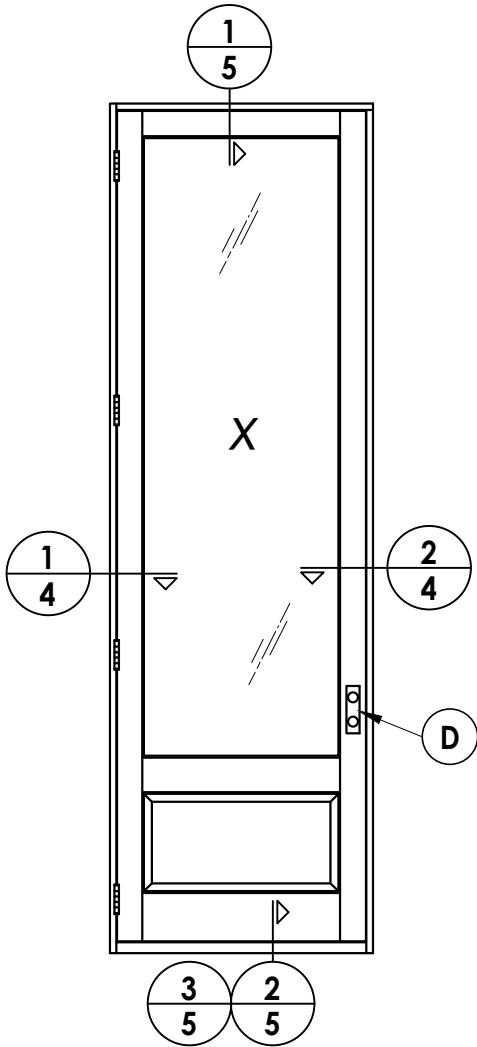
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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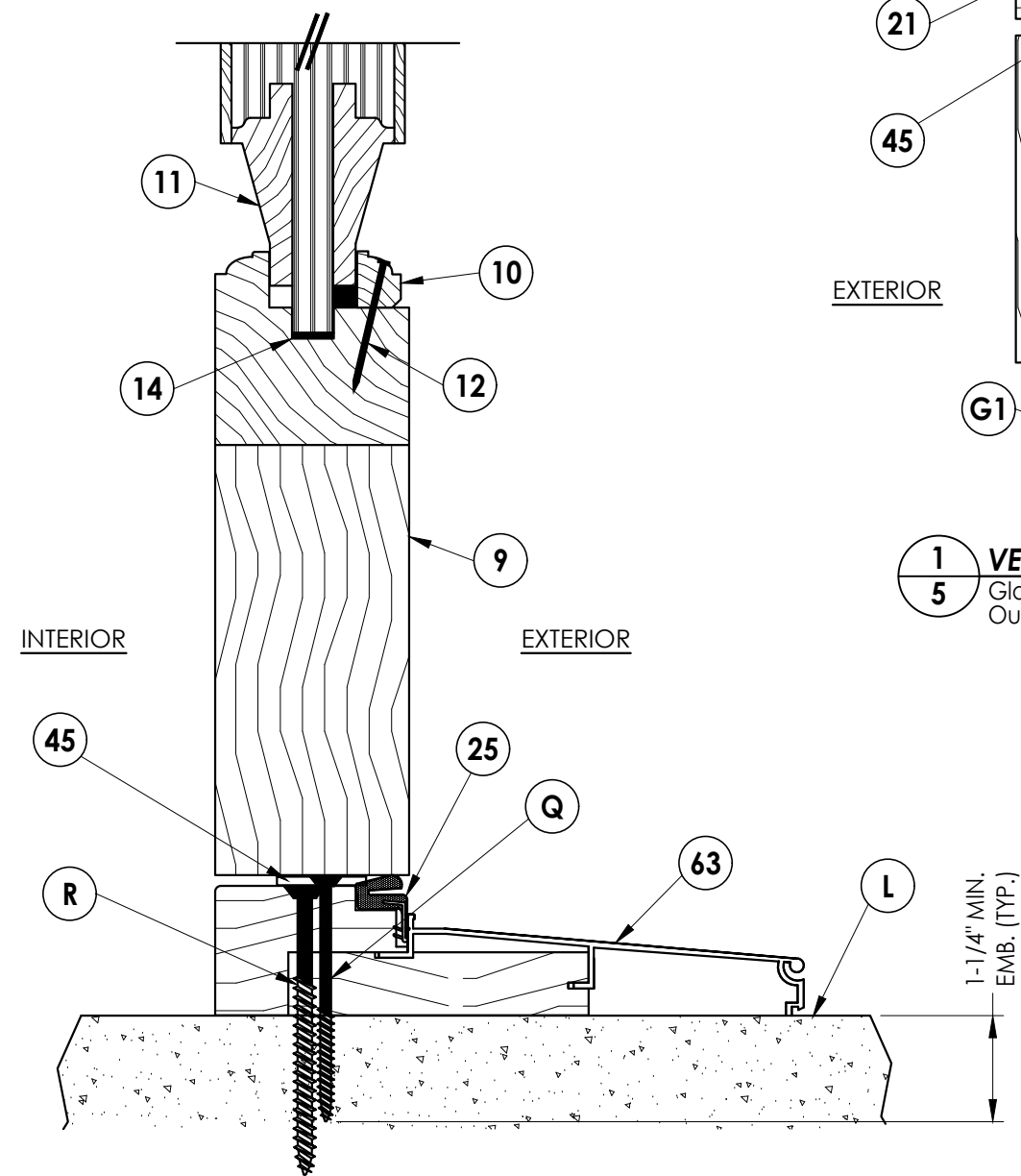


1
4 **HORIZONTAL CROSS SECTION**
Glazed door shown - opaque door also approved
Outswing shown - inswing also approved

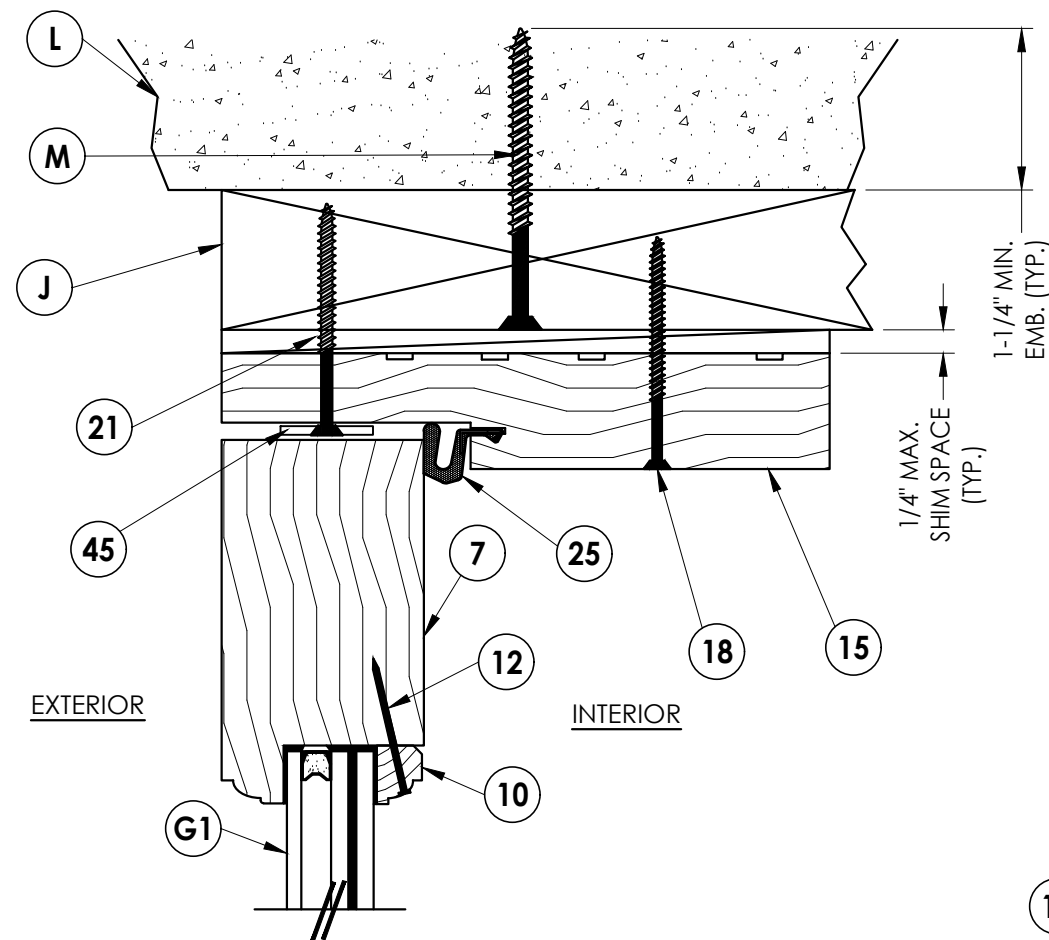


2
4 **HORIZONTAL CROSS SECTION**
Glazed door shown - opaque door also approved
Outswing shown - inswing also approved

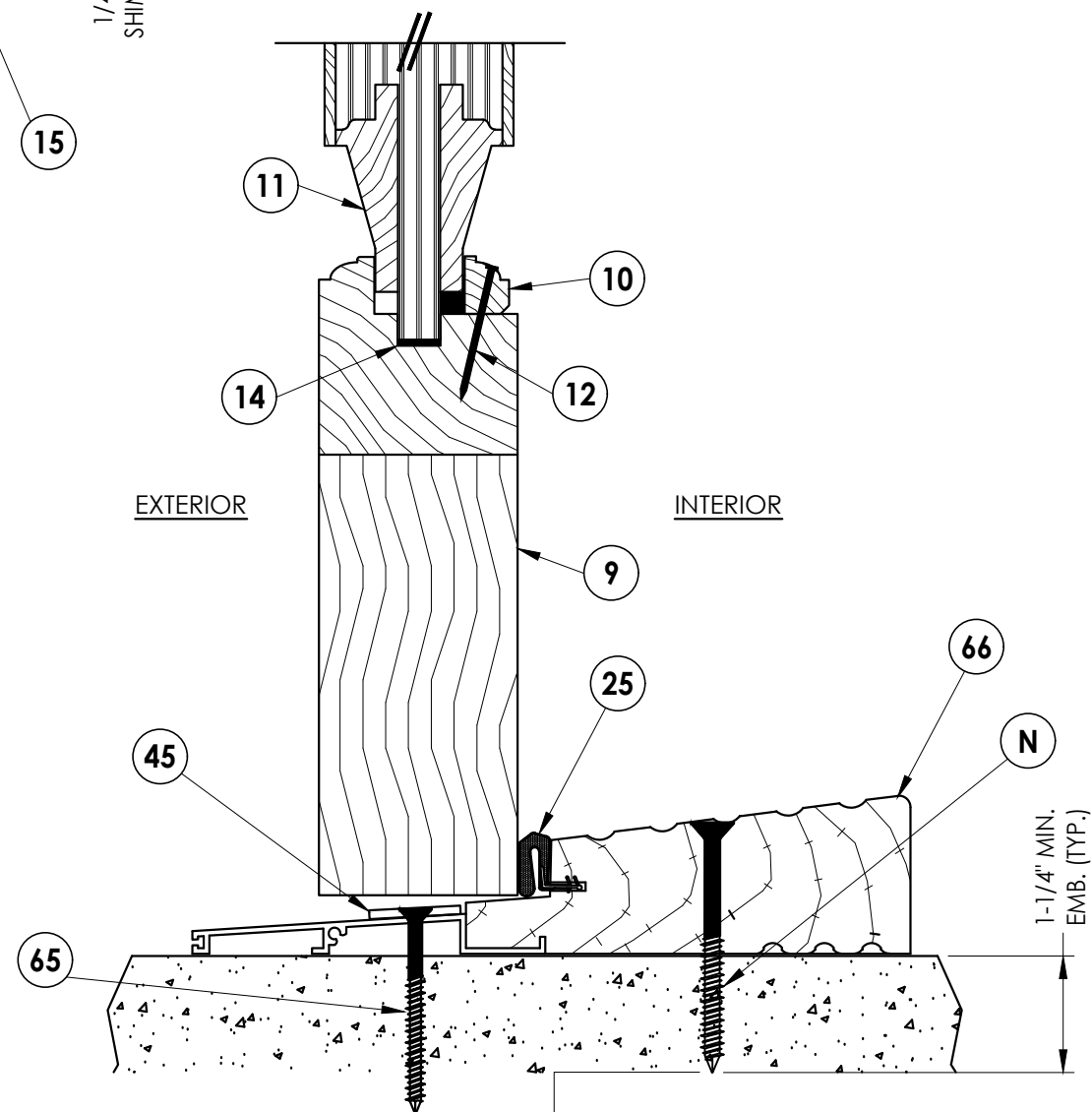
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		GLAZED & OPAQUE WOOD DOOR		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS			
	NO.	DATE					
				REVISIONS			
DATE: 6/25/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15737.11							
SHEET 4 OF 11							



2 **VERTICAL CROSS SECTION**
5 Inswing threshold



1 VERTICAL CROSS SECTION
5 Glazed door shown - opaque door also approved
 Outswing shown - inswing also approved



3 **VERTICAL CROSS SECTION**
5 Outswing threshold

4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS	
NO.	DATE				BY
					REVISIONS

DATE: 6/25/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15737.11

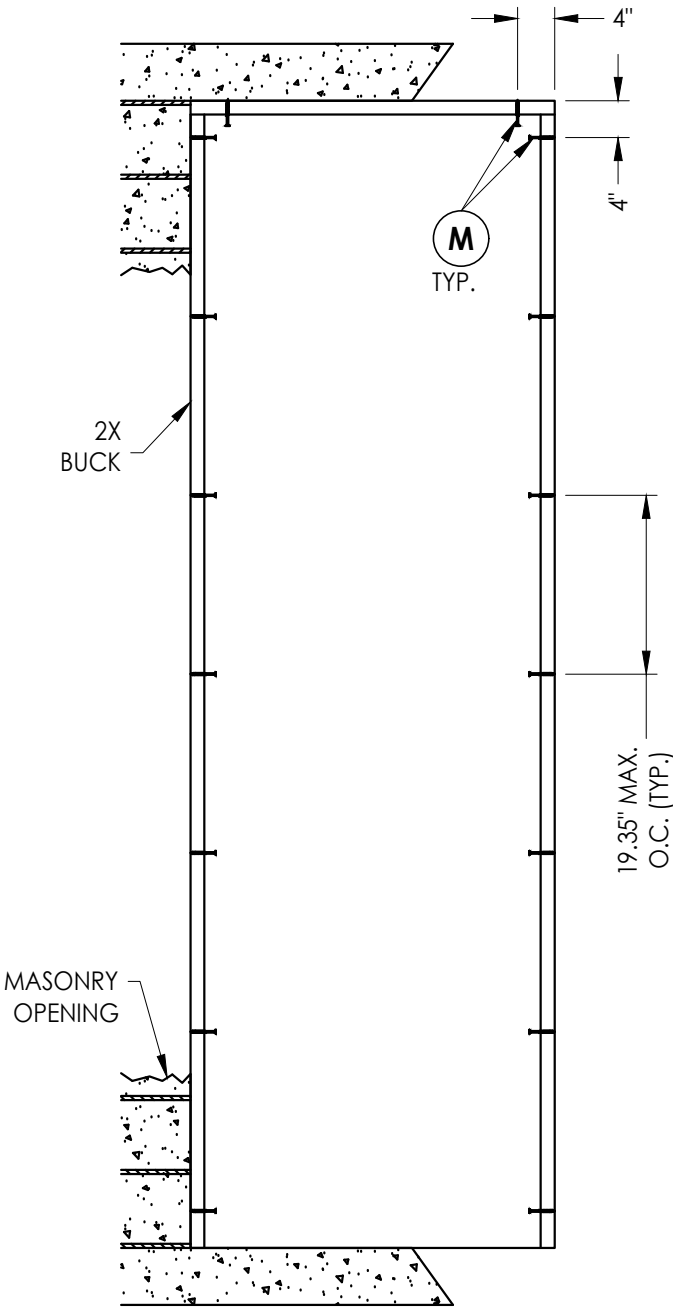
SHEET 5 OF 11

PRODUCT:	GLAZED & OPAQUE WOOD DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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

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

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BUCK ANCHORING

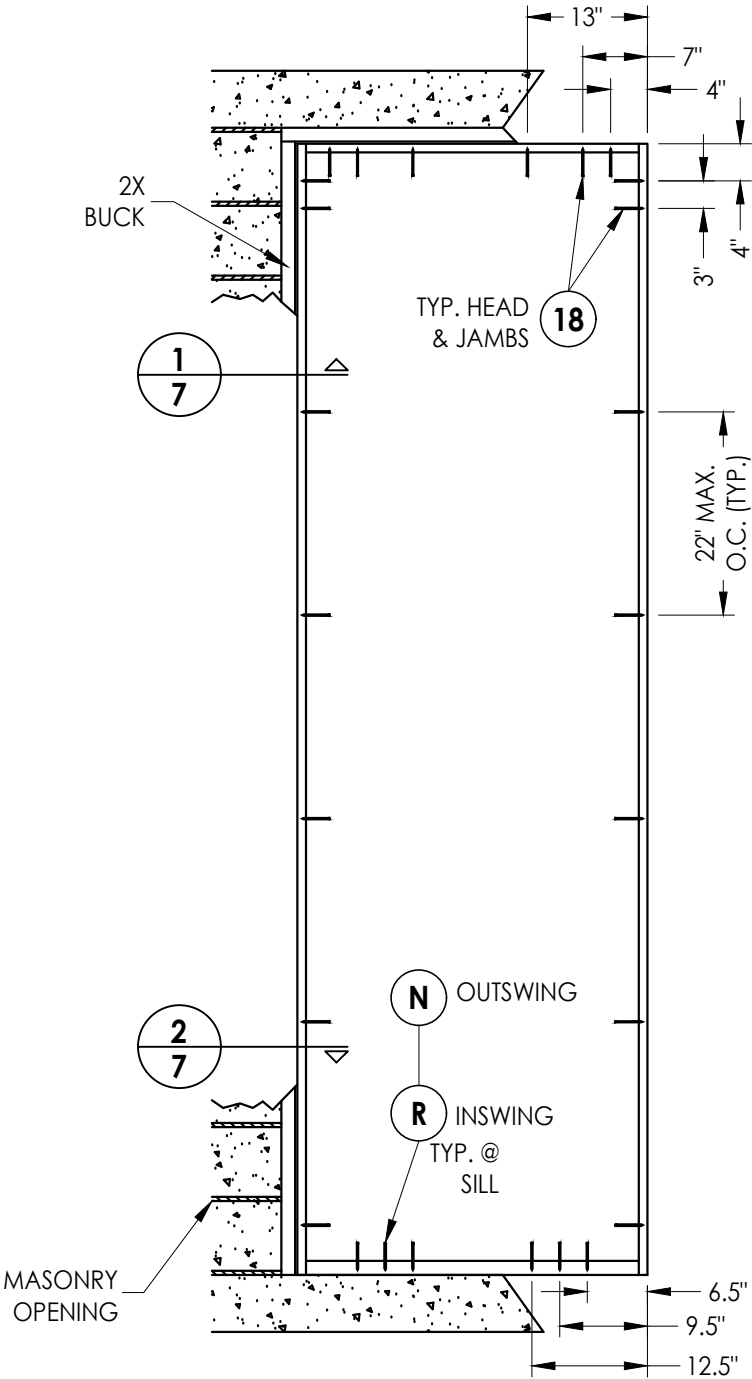
CONCRETE ANCHOR NOTES:

- 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®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	3"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"

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.



FRAME ANCHORING

Masonry 2X buck construction

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

GLAZED & OPAQUE
WOOD DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

REVISIONS

NO.	DATE	DESCRIPTION
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 6/25/12

SCALE: N.T.S.

DWG. BY: JK

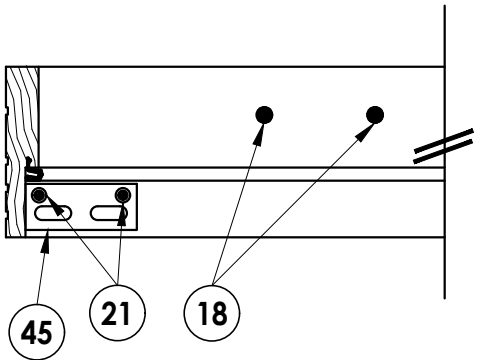
CHK. BY: LFS

DRAWING NO.: FL-15737.11

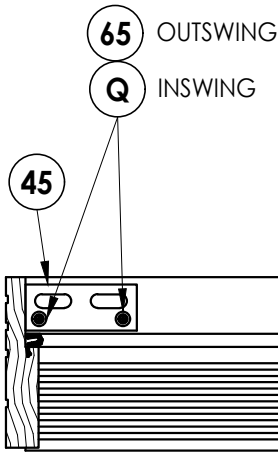
SHEET 6 OF 11

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

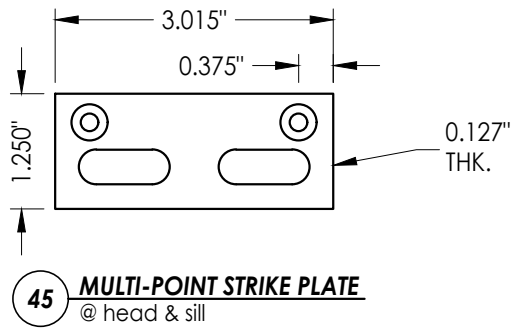
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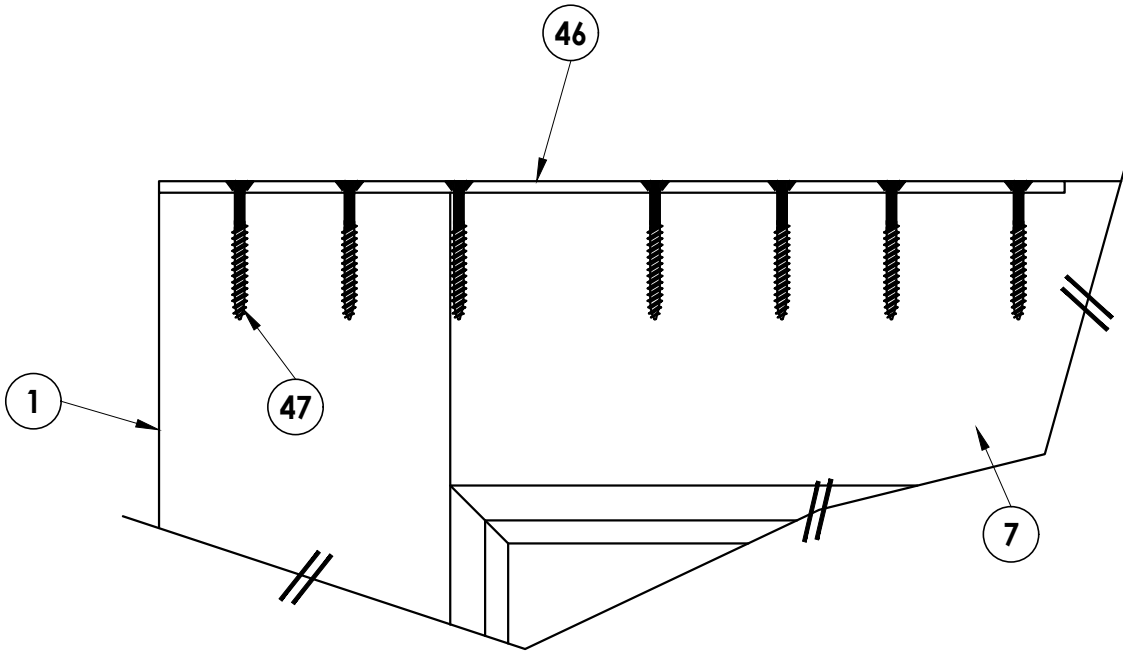
1 MULTI-POINT STRIKE INSTALLATION
7 View looking up @ head



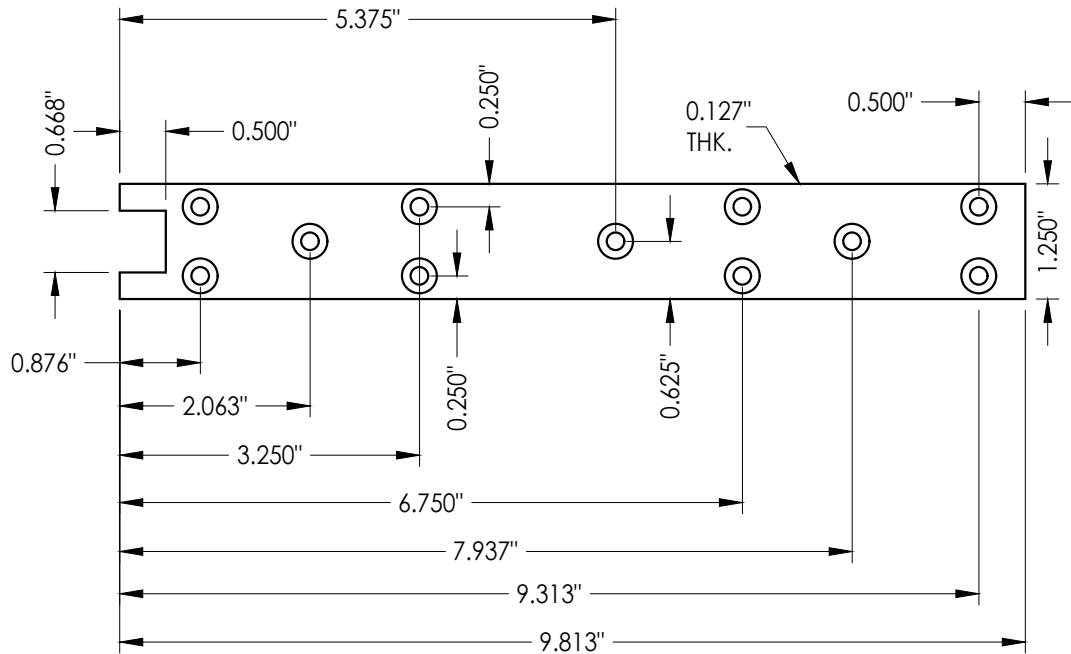
2 MULTI-POINT STRIKE INSTALLATION
7 View looking down @ sill



45 MULTI-POINT STRIKE PLATE
@ head & sill



DOOR REINF. FOR multi-point LOCK
Typical at top & bottom of door



46 REINFORCEMENT PLATE
Multi-point lock assy.

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

PRODUCT:
GLAZED & OPAQUE
WOOD DOOR

PART OR ASSEMBLY:
MULTI-POINT LOCK
HARDWARE DETAILS

NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 6/25/12

SCALE: N.T.S.

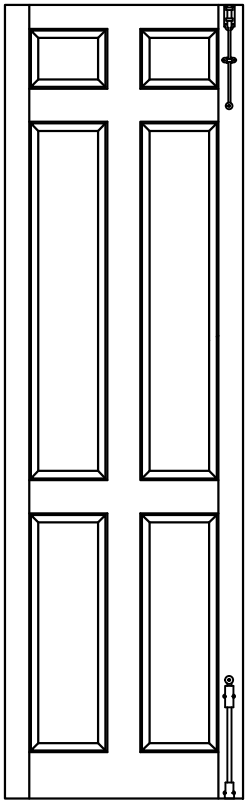
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15737.11

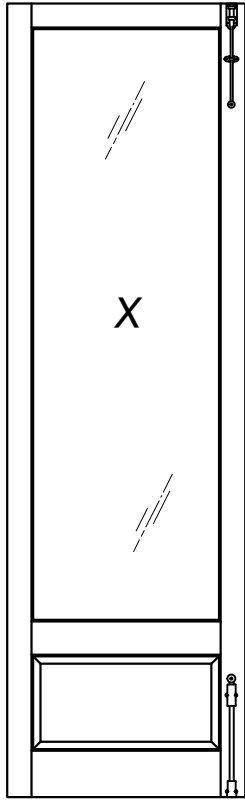
SHEET 7 OF 11

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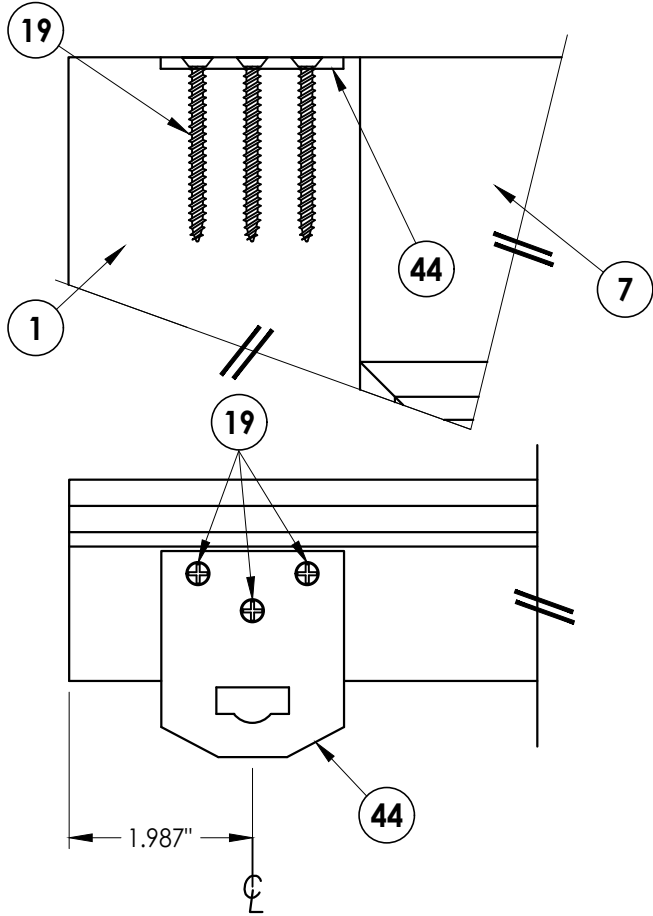
SURFACE BOLTS

When surface bolts are used, the Hoppe multi-point lock is not required



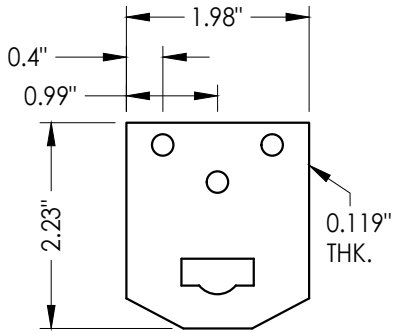
SURFACE BOLTS

When surface bolts are used, the Hoppe multi-point lock is not required



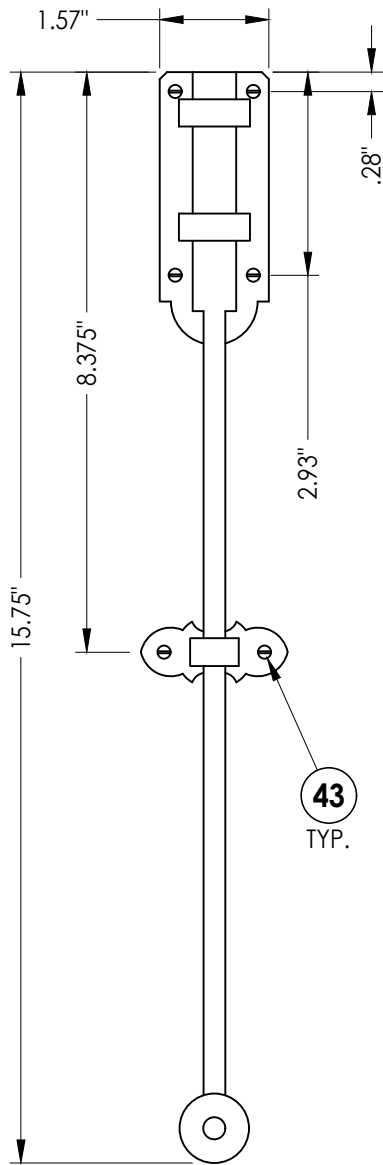
SURFACE BOLT STRIKE PLATE

Attachment to Panel Detail
Typ. Top & Bottom
of Door panel



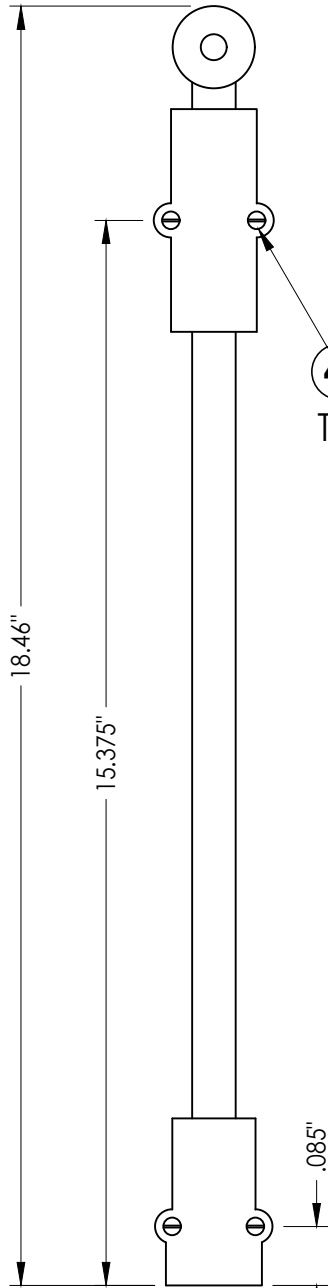
44 SURFACE BOLT STRIKE PLATE

@ Head & Sill
Typ. Panel & frame



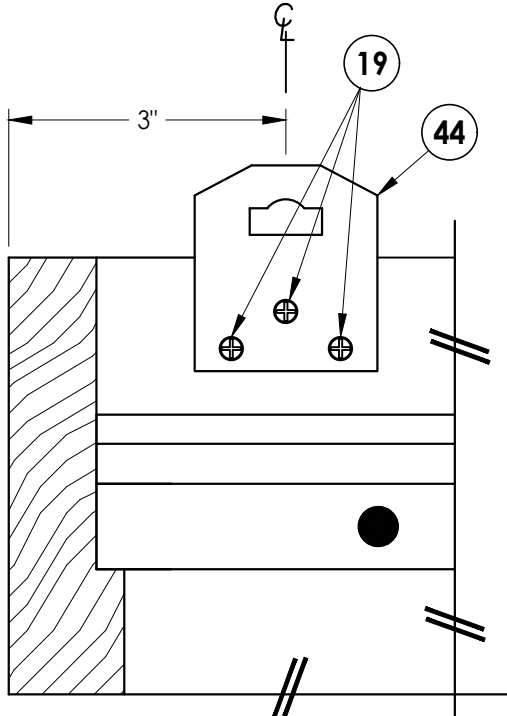
41 EUREKO-DECO

France
Surface Bolt



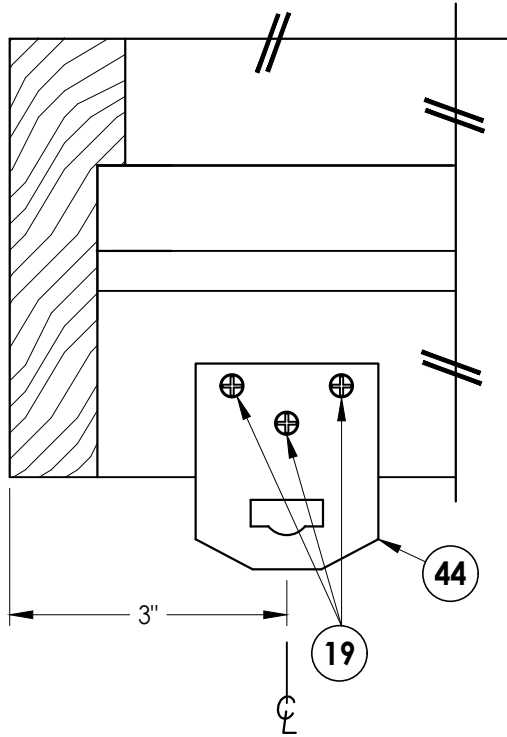
42 EUREKO-DECO

Louis V
Surface Bolt



SURFACE BOLT STRIKE DETAIL

Looking up @ Head



SURFACE BOLT STRIKE DETAIL

Looking Down @ Sill

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: GLAZED & OPAQUE
WOOD DOOR

PART OR ASSEMBLY:
SURFACE BOLT
HARDWARE DETAILS

NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC LFS
NO.	DATE	BY

DATE: 3/11/08

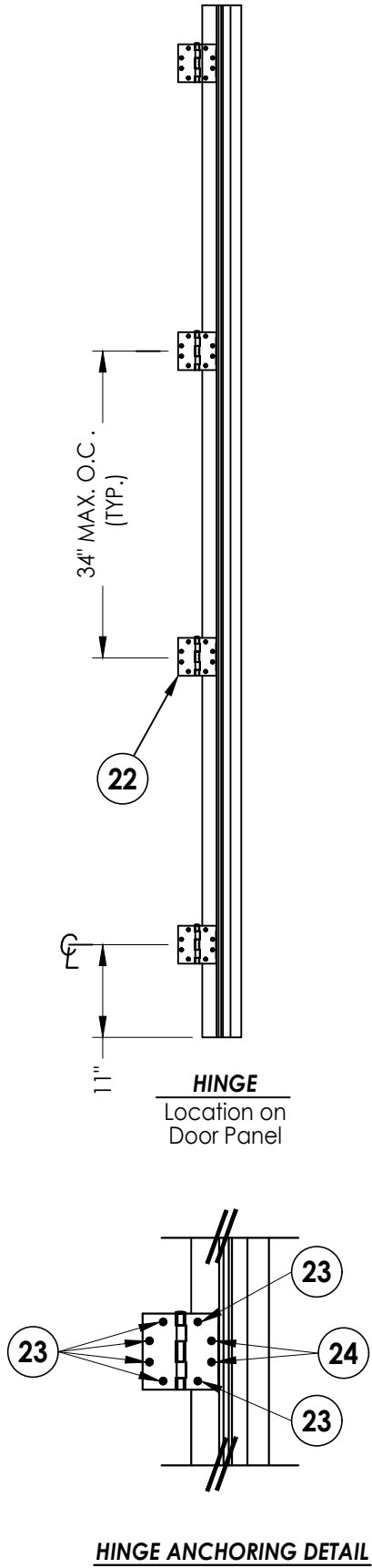
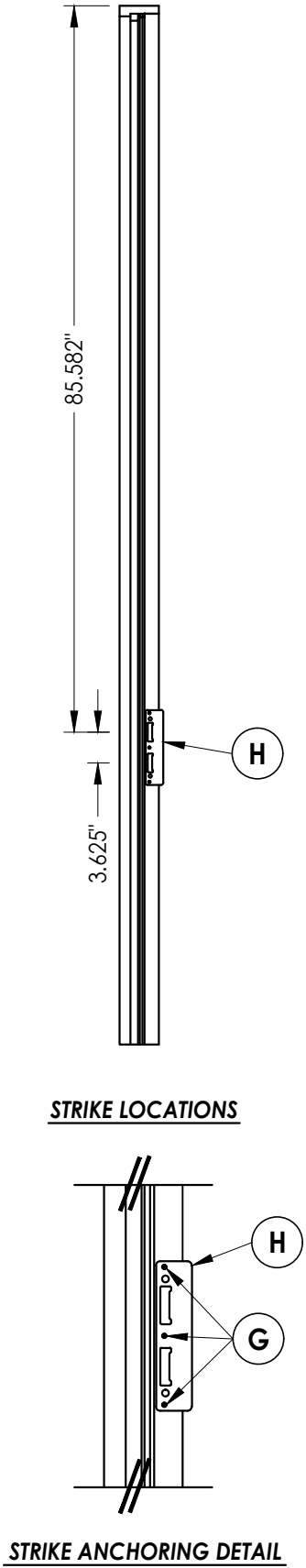
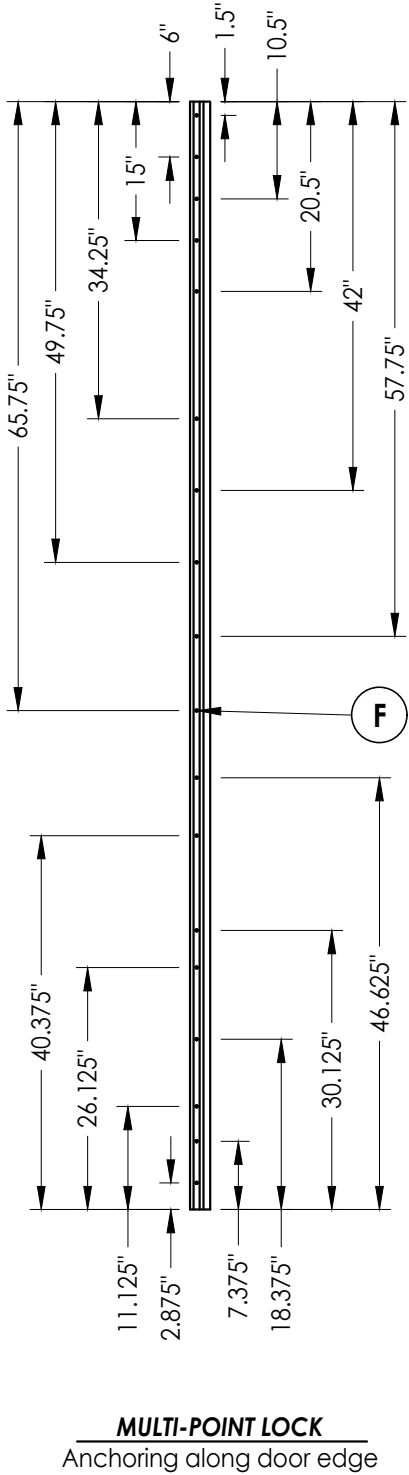
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15737.11

SHEET 8 OF 11



NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC LFS
NO.	DATE	BY

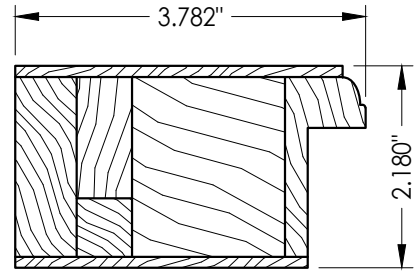
PRODUCT:	GLAZED & OPAQUE WOOD DOOR
PART OR ASSEMBLY:	HARDWARE ANCHORING DETAILS

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

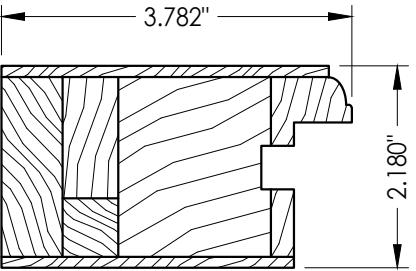
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE:	6/25/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15737.11
SHEET	9 OF 11

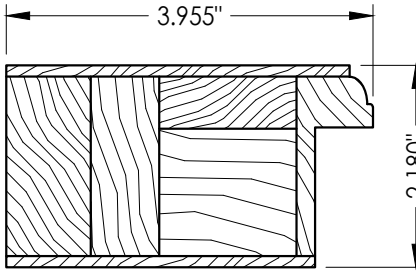
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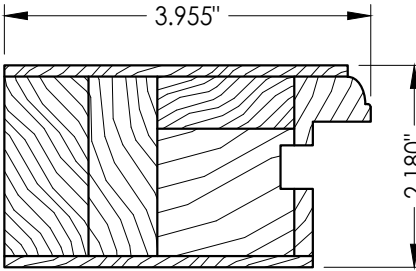
1 **LATCH STILE**
For glass infill



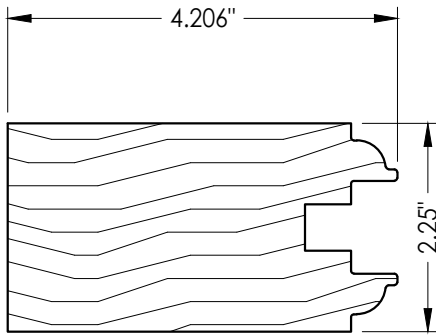
2 **LATCH STILE**
For panel infill



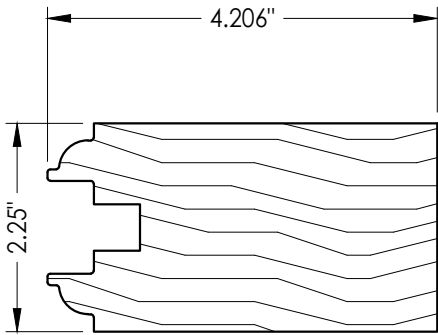
3 **HINGE STILE**
For glass infill



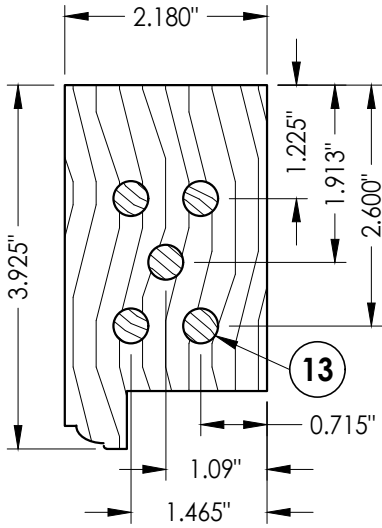
4 **HINGE STILE**
For panel infill



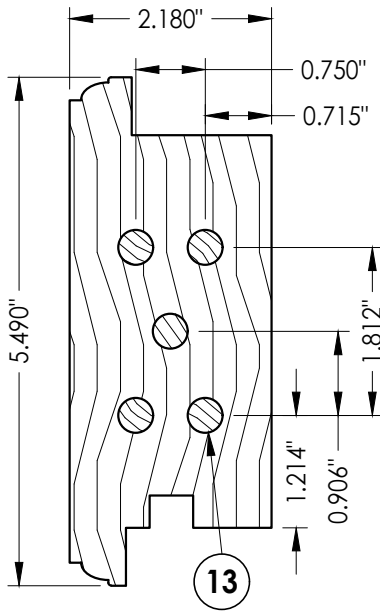
71 **LATCH STILE**
Opaque Door



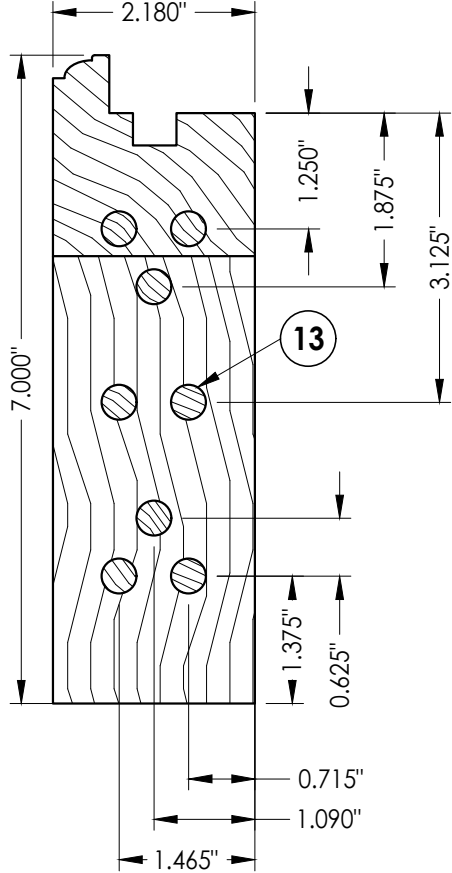
72 **HINGE STILE**
Opaque Door



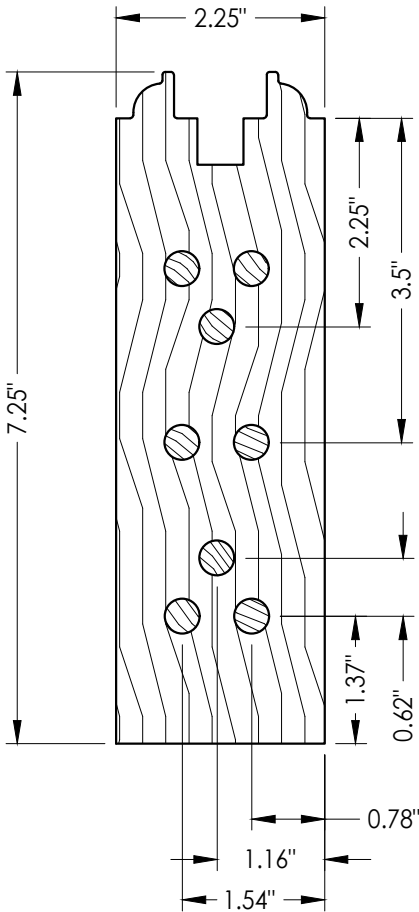
7 **TOP RAIL**
Glazed door



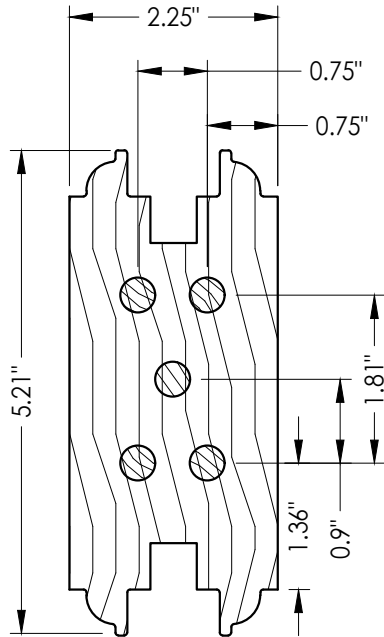
8 **MID RAIL**
Glazed door



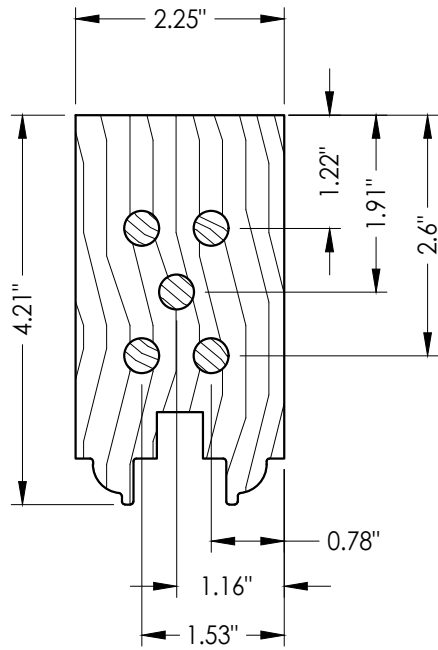
9 **BOTTOM RAIL**
Glazed door



75 **BOTTOM RAIL**
Opaque Door



73 **MID RAIL**
Opaque Door



74 **TOP RAIL**
Opaque Door

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: **GLAZED & OPAQUE
WOOD DOOR**

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 6/25/12

SCALE: N.T.S.

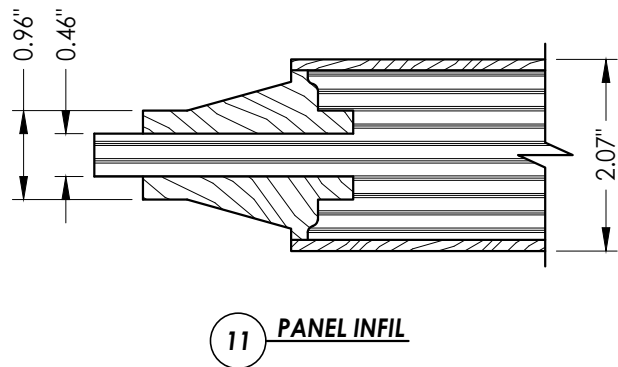
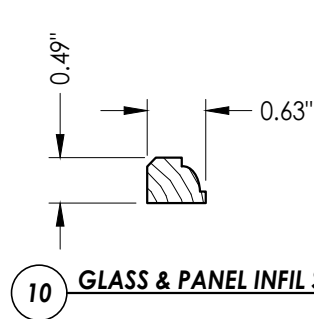
DWG. BY: JK

CHK. BY: LFS

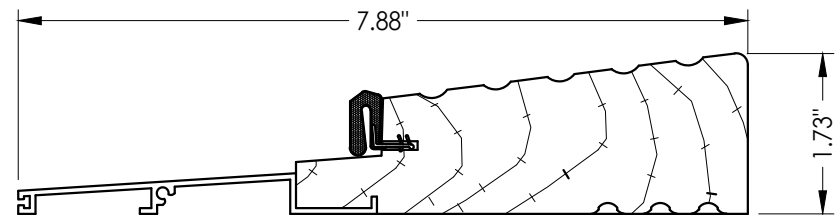
DRAWING NO.: FL-15737.11

SHEET 10 OF 11

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	LATCH STILE FOR GLASS (SG >= 0.46)	WOOD
2	LATCH STILE FOR PANEL INFIL (SG >= 0.46)	WOOD
3	HINGE STILE FOR GLASS (SG >= 0.46)	WOOD
4	HINGE STILE FOR PANEL INFIL (SG >= 0.46)	WOOD
7	TOP RAIL (SG >= 0.46)	WOOD
8	MID RAIL (SG >= 0.46)	WOOD
9	BOTTOM RAIL (SG >= 0.46)	WOOD
10	GLASS & PANEL INFIL STOP (SG >= 0.46)	WOOD
11	PANEL INFIL (SG >= 0.46)	LVL/WOOD
12	.074" X 1-1/2" BRAD NAIL	STEEL
13	3/8"Ø X 2-3/4" DOWEL (SG >= 0.46)	WOOD
14	SEALANT	SILICONE
15	JAMB (SG >= 0.46)	WOOD
18	#8 X 2-1/2" WOOD SCREW (1.15" MIN. EMBEDMENT w/ 0.15" C'-SINK)	STEEL
19	#10 X 1-1/2" PFH SMS	STEEL
21	#10 X 2-1/2" PFH SMS	STEEL
22	4-1/2" HINGE	BRASS
23	#12 X 1-1/4" PFH SMS	STEEL
24	#12 X 2" PFH SMS	STEEL
25	WEATHERSTRIP	FOAM
41	EUREKO-DECO FRANCE SURFACE BOLT	STEEL
42	EUREKO-DECO LOUIS V SURFACE BOLT	STEEL
43	#7 X 1-3/4" PFH SMS	STEEL
44	SURFACE BOLT STRIKE PLATE @ HEAD & SILL	ST. STEEL
45	STRIKE PLATE @ HEAD & SILL	ST. STEEL
46	REINFORCEMENT PLATE	ST. STEEL
47	#8 X 1-1/2" SFH SMS	ST. STEEL
50	GLAZING SPACER (DESICCANT FILLED)	ST. STEEL
51	GLAZING COMPOUND DOW #1199	SILICONE
63	INSWING SADDLE THRESHOLD	OAK/ALUM
65	3/16" x 2-1/4" ITW PFH CONCRETE SCREW	STEEL
66	OUTSWING HIGH DAM THRESHOLD	OAK/ALUM
71	LATCH STILE FOR OPAQUE DOOR (SG >= 0.46)	WOOD
72	HINGE STILE FOR OPAQUE DOOR (SG >= 0.46)	WOOD
73	MID RAIL OPAQUE DOOR (SG >= 0.46)	WOOD
74	TOP RAIL OPAQUE DOOR (SG >= 0.46)	WOOD
75	BOTTOM RAIL OPAQUE DOOR (SG >= 0.46)	WOOD

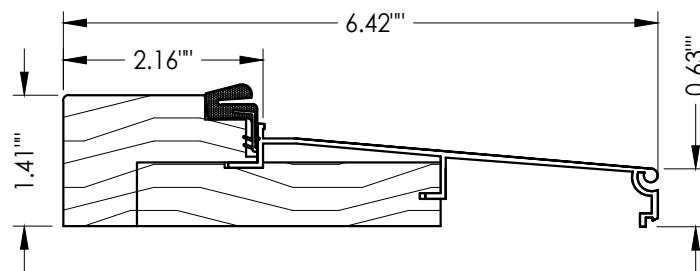


	BILL OF MATERIALS	
ITEM	DESCRIPTION	MATERIAL
A	1/4" MAX. SHIM SPACE	WOOD
D	MULTI-POINT HOPPE HLS9000 MANUAL SHOOTBOLT GEAR SYSTEM	STEEL
F	#7 X 1-3/4" PFH SMS	ST. STEEL
G	#8 X 5/8" PFH SMS	STEEL
H	LOCK STRIKE PLATE (0.100" THK.)	BRASS
J	2X BUCK (SG >= 0.55)	WOOD
L	MASONRY - 3,000 PSI CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90.	CONCRETE
M	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
N	1/4" X 2-3/4" ITW PFH CONCRETE SCREW	STEEL
Q	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
R	1/4" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL

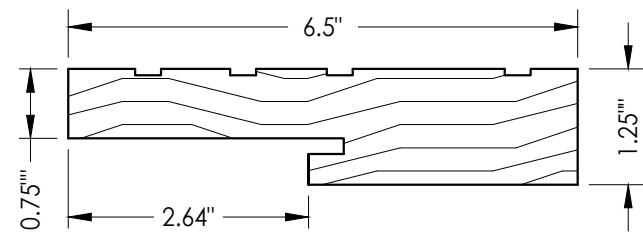


66 **OUTSWING HIGH DAM THRESHOLD**

By Brannen Millworks



63 **INSWING SADDLE THRESHOLD**
By Brannen Millworks



15 HEAD & SIDE JAMB

[illegible]