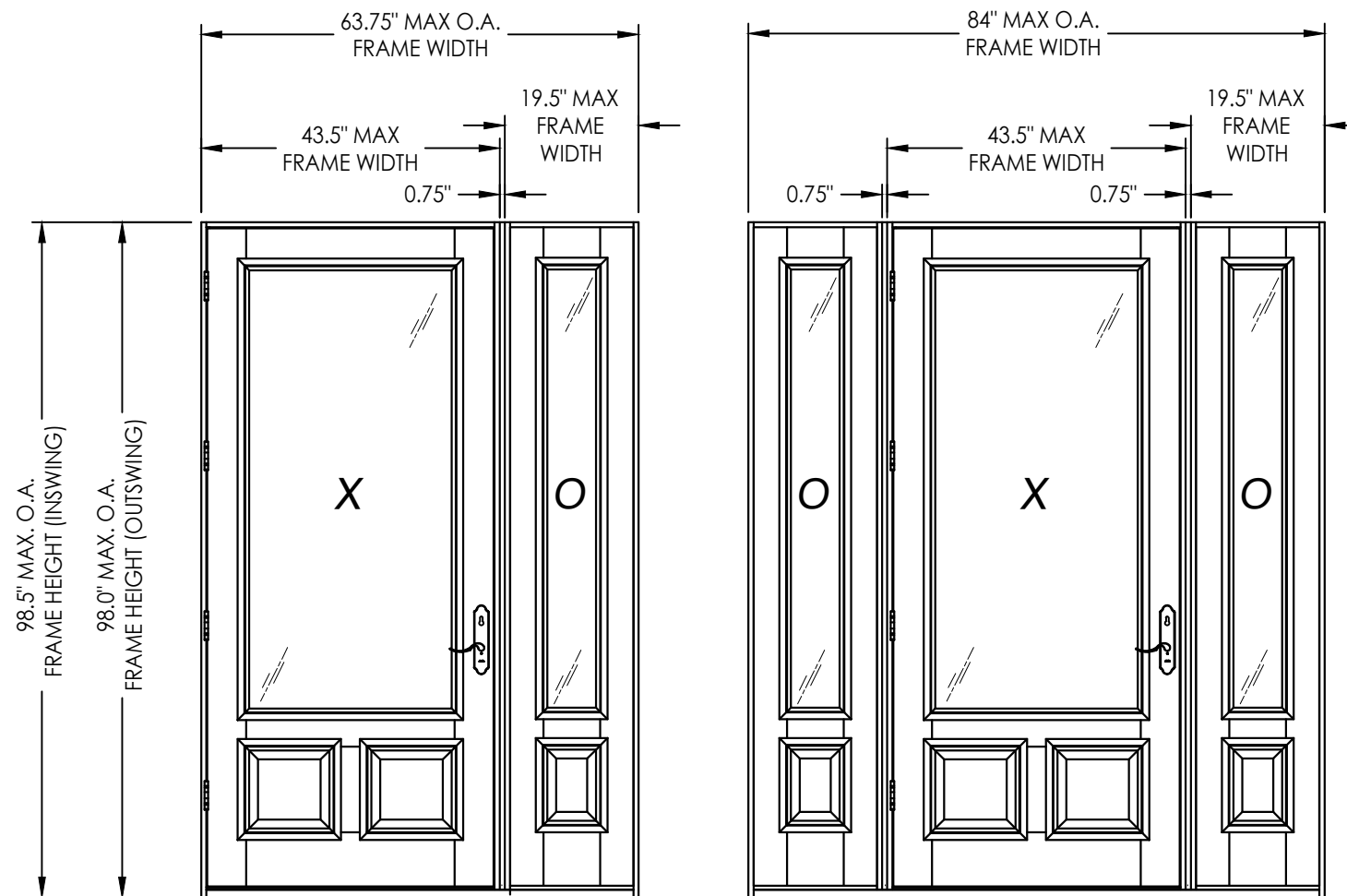


INSWING/OUTSWING "NON-IMPACT"

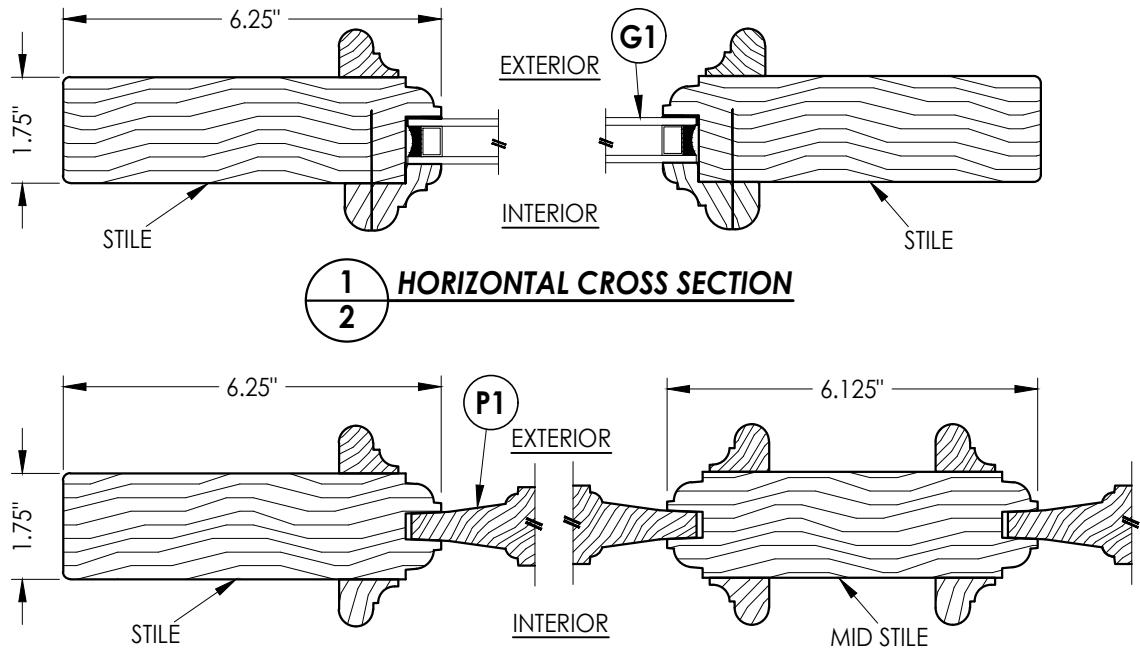
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Buck Anchoring
10	Frame Anchoring
11	Hardware Details
12	Bill of Materials & Components



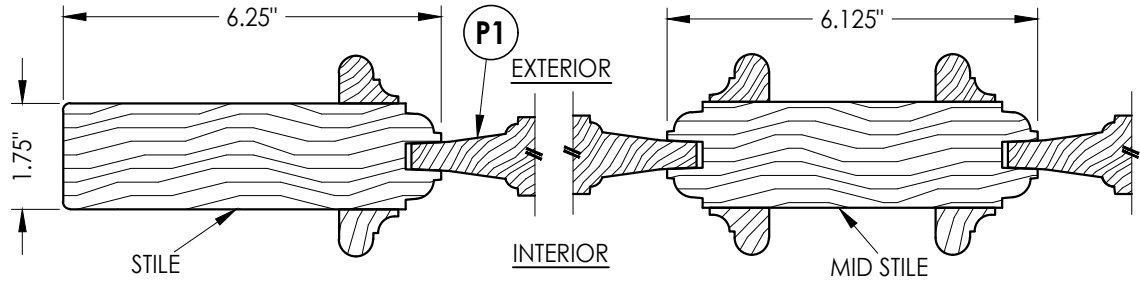
CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXXO	Multipoint*	+75.0	-80.0	+75.0	-75.0

DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.5
SHEET	1 OF 12

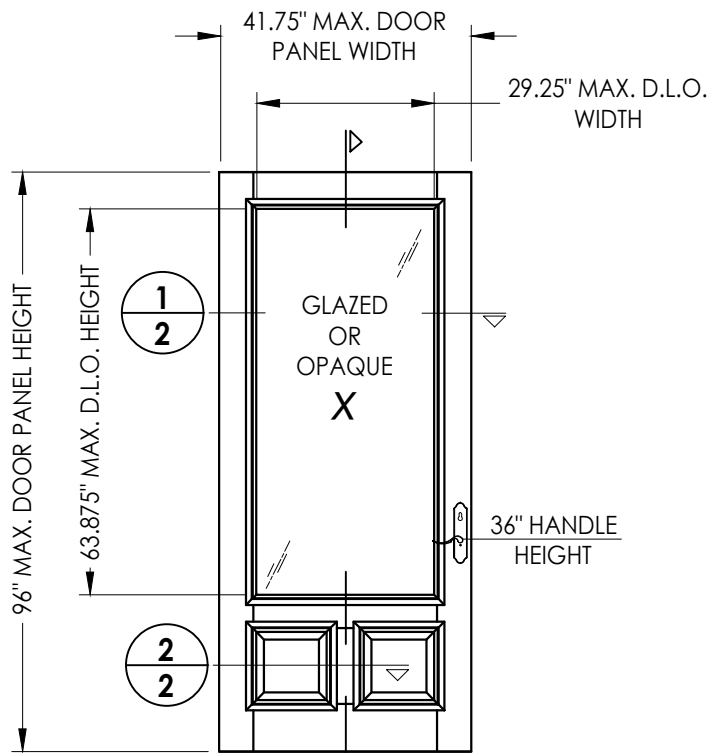
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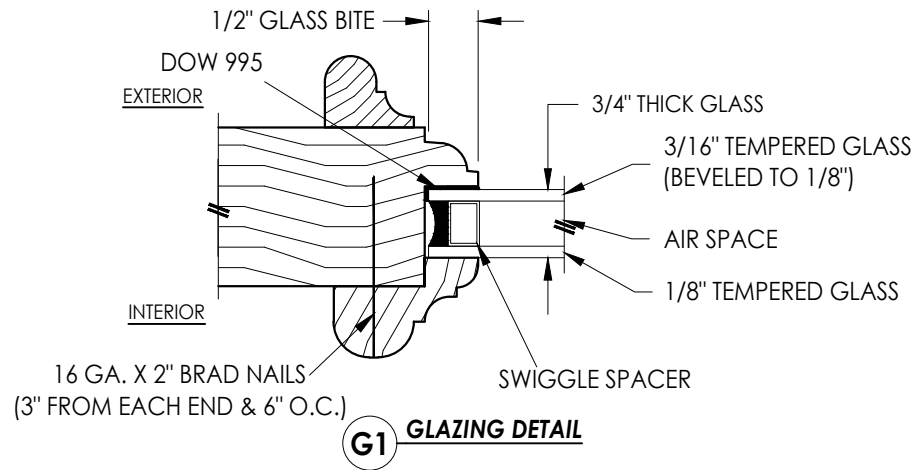
1
2 HORIZONTAL CROSS SECTION



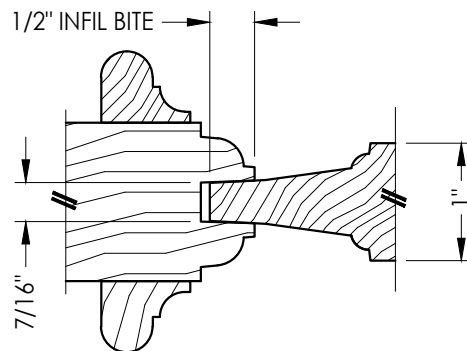
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2 HORIZONTAL CROSS SECTION



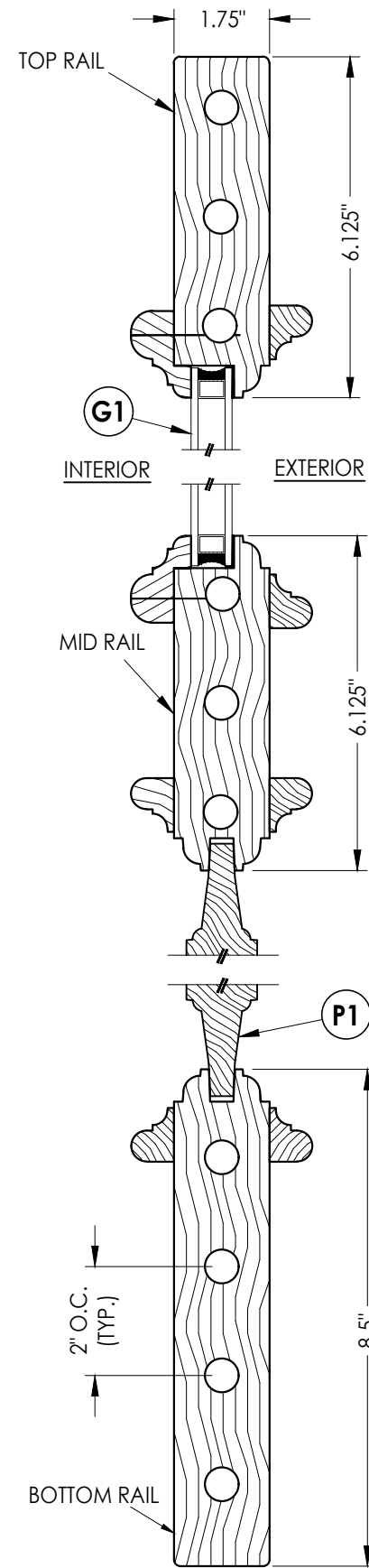
40 WOOD DOOR PANEL
Glazed or Opaque



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

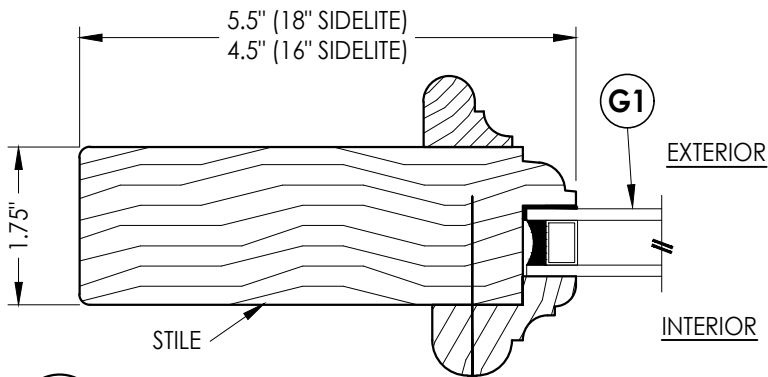
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

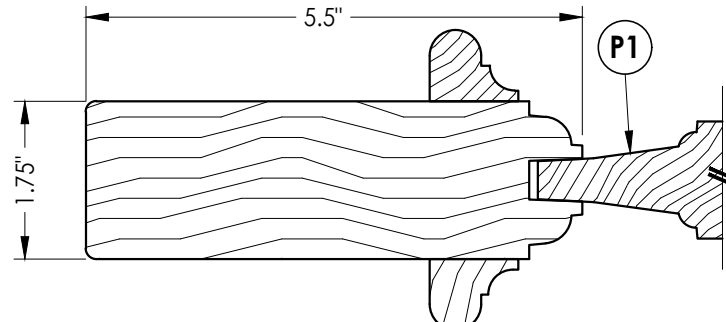
NO.	DATE	REVISIONS
4	9/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	9/26/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	5/23/18	UPDATE TO 6TH ED. (2017) FBC JK

DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.5
SHEET	2 OF 12

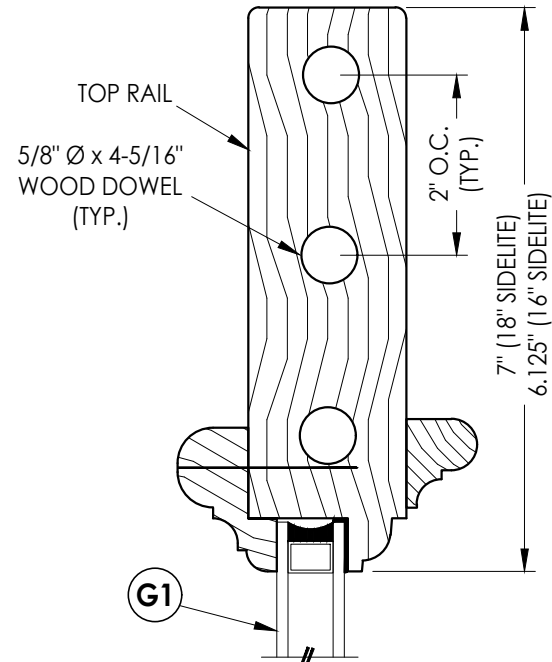
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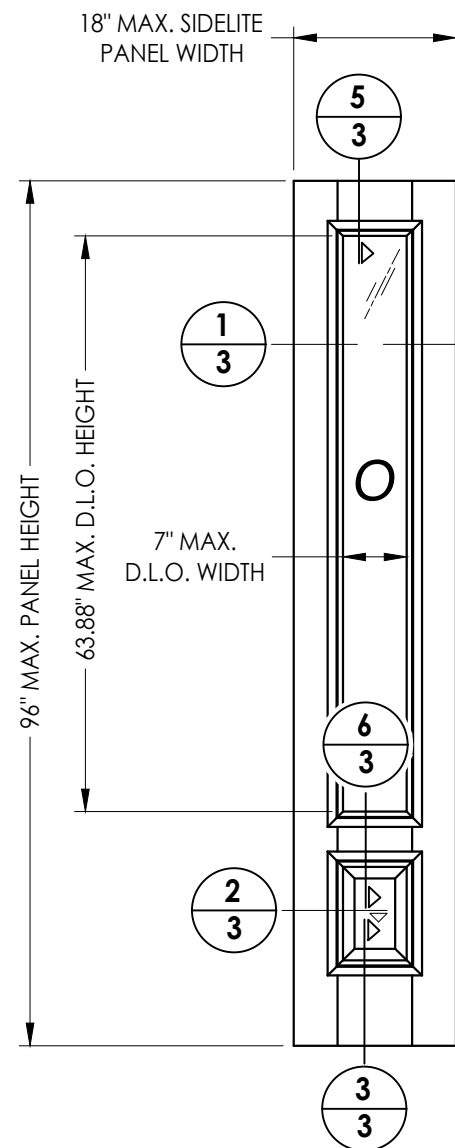
1
3 **HORIZONTAL CROSS SECTION**
Glazed Panel Shown



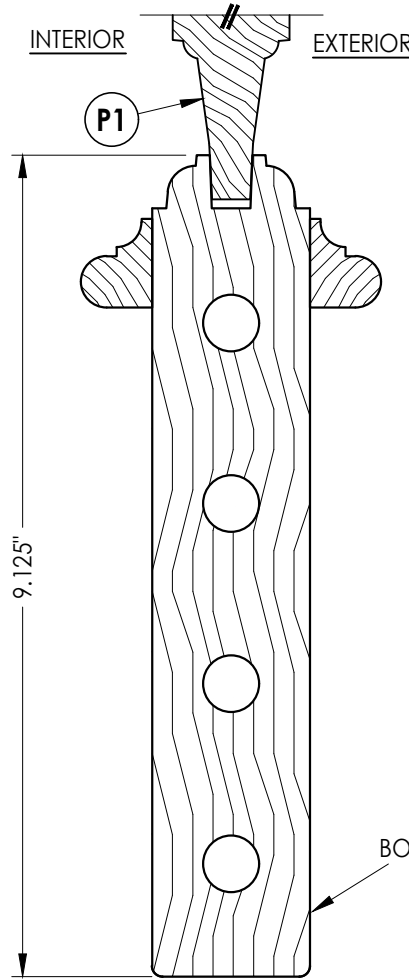
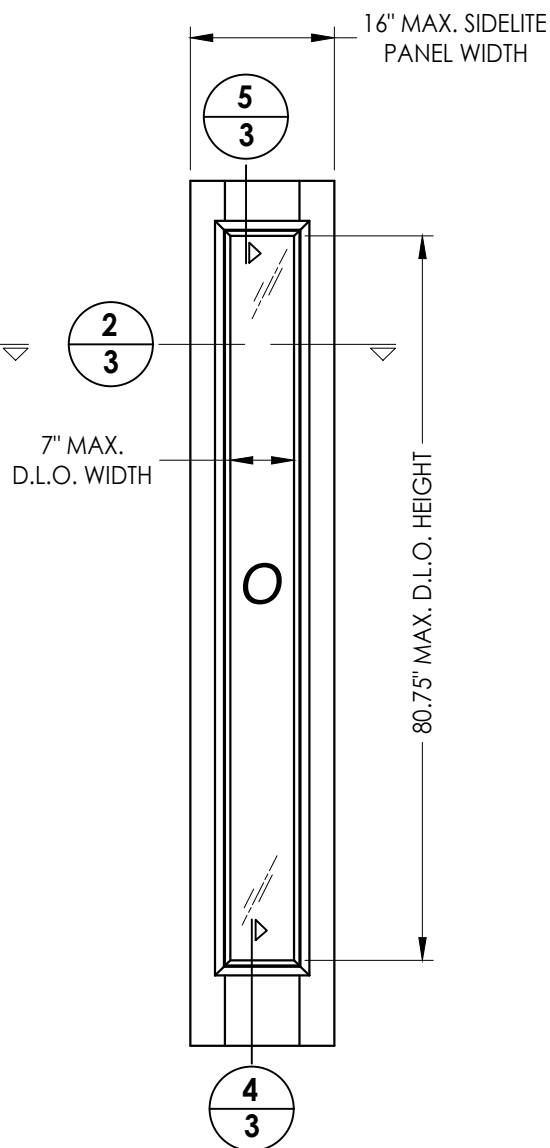
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3 **HORIZONTAL CROSS SECTION**
Opaque Panel Shown



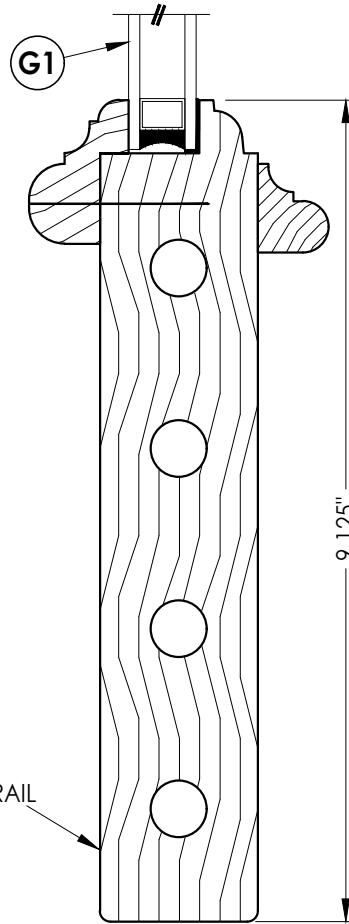
5
3 **VERTICAL CROSS SECTION**



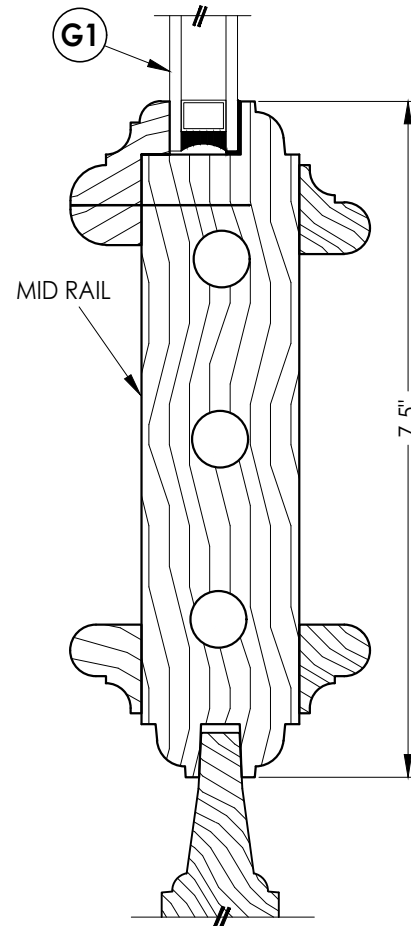
50 **WOOD SIDELITE PANELS**



3
3 **VERTICAL CROSS SECTION**



4
3 **VERTICAL CROSS SECTION**



6
3 **VERTICAL CROSS SECTION**

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

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

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

NO.	DATE	REVISIONS			
		DATE	BY	CHK.	APP.
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: 8/17/16

SCALE: N.T.S.

DWG. BY: JK

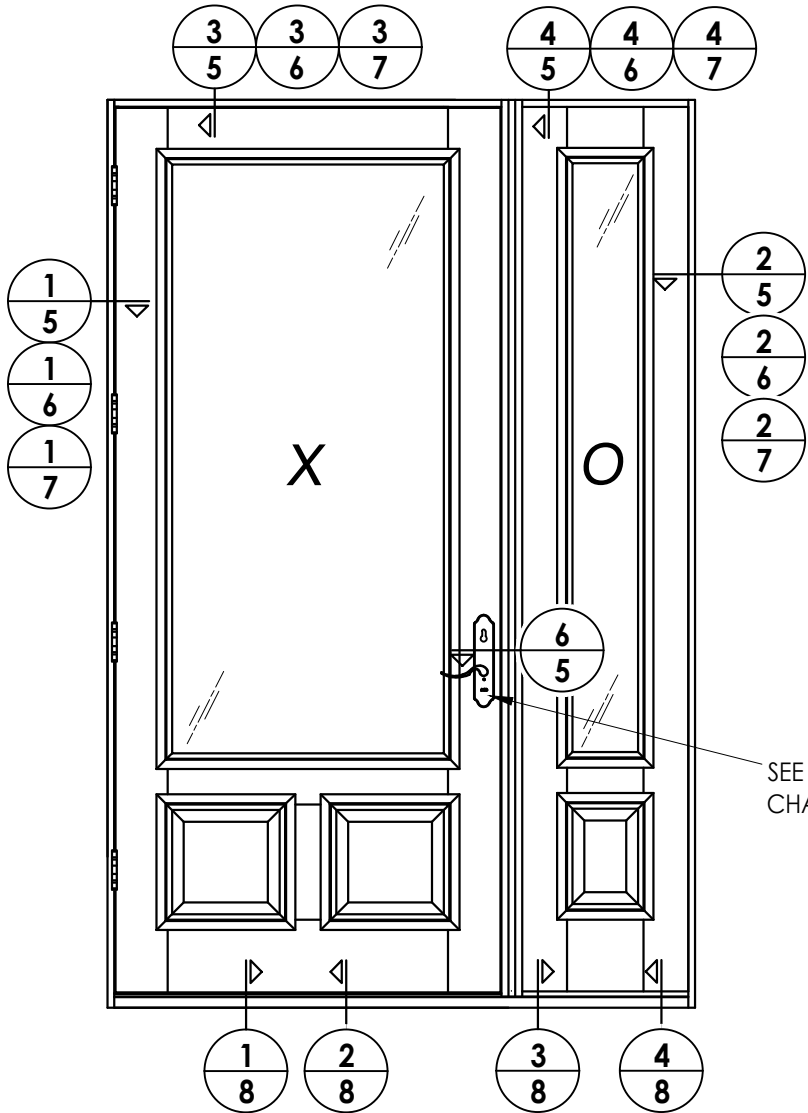
CHK. BY: LFS

DRAWING NO.: FL-20800.5

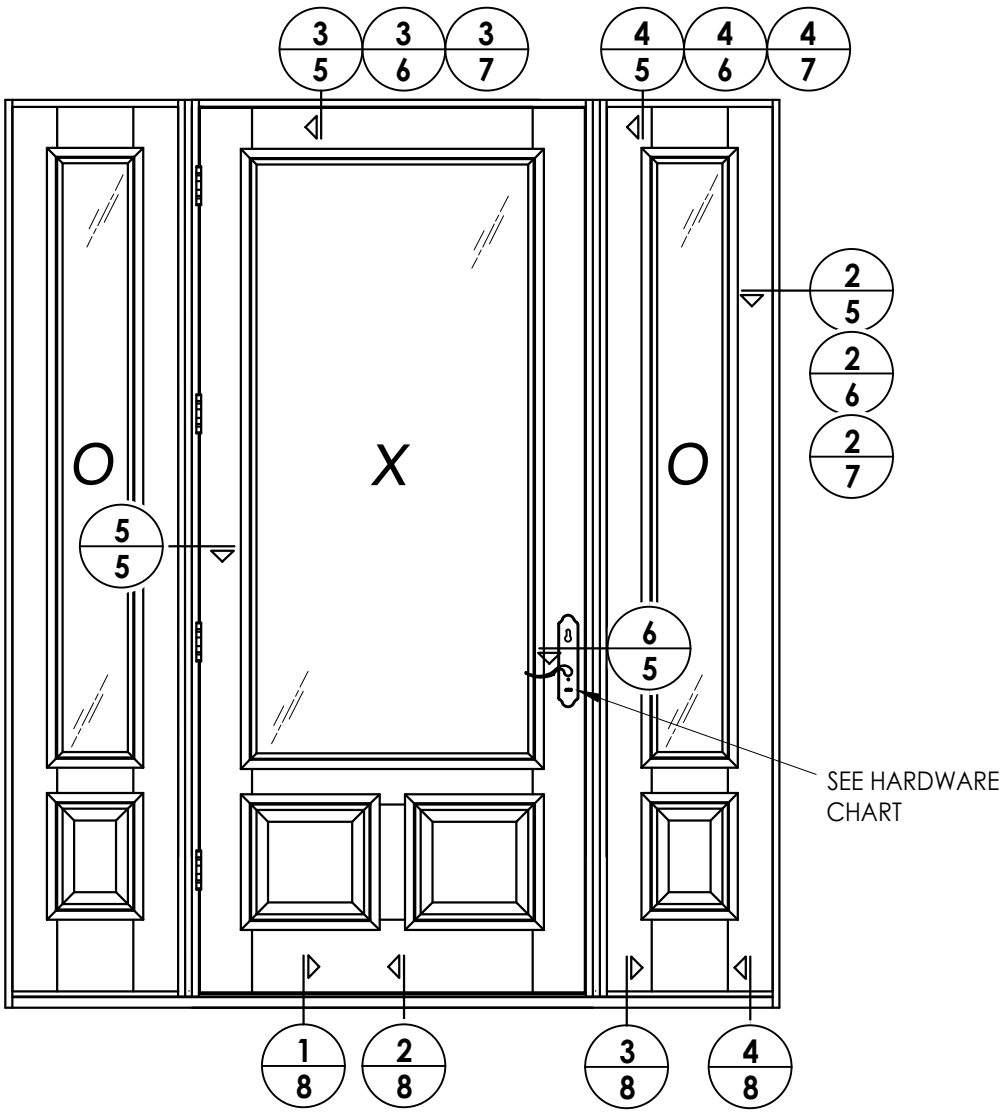
SHEET 3 OF 12

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FBPE Registry No. 9813

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Hardware Table	
Manufacturer	Model
G-U	MULTIPOINT LOCK (3-pt Tongue): SECURY AUTOMATIC DOOR LOCK FOR LEVER HANDLE (6-35856-01-R-8B) MORTISE LOCK TRIM: EMTEK



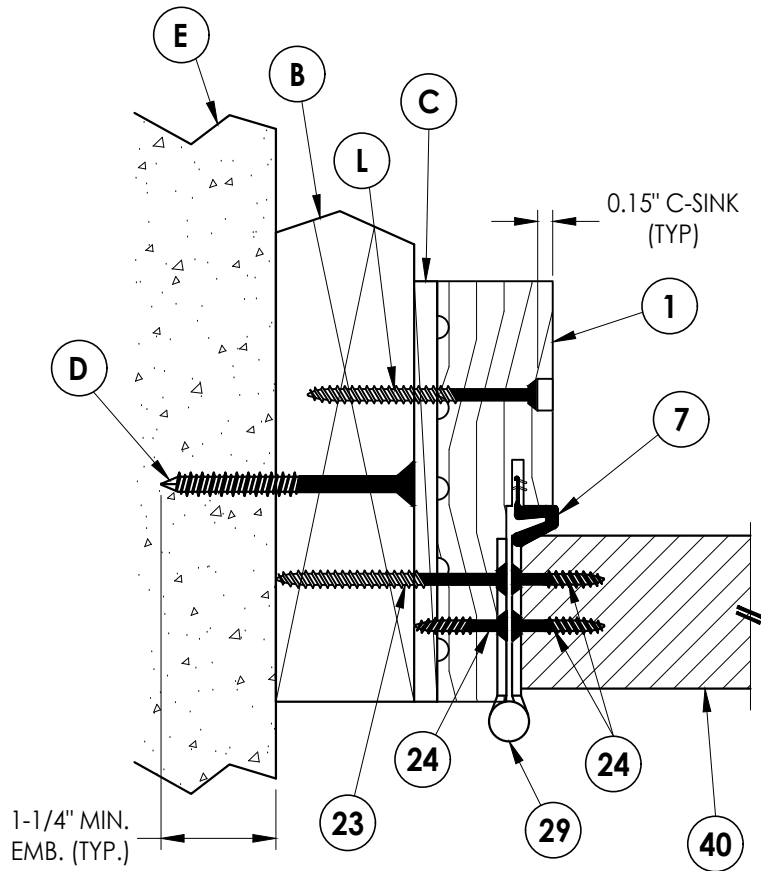
Revisions	
No.	Date
4	9/01/26
3	9/26/23
2	9/16/20
1	5/23/18

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.5
SHEET 4 OF 12

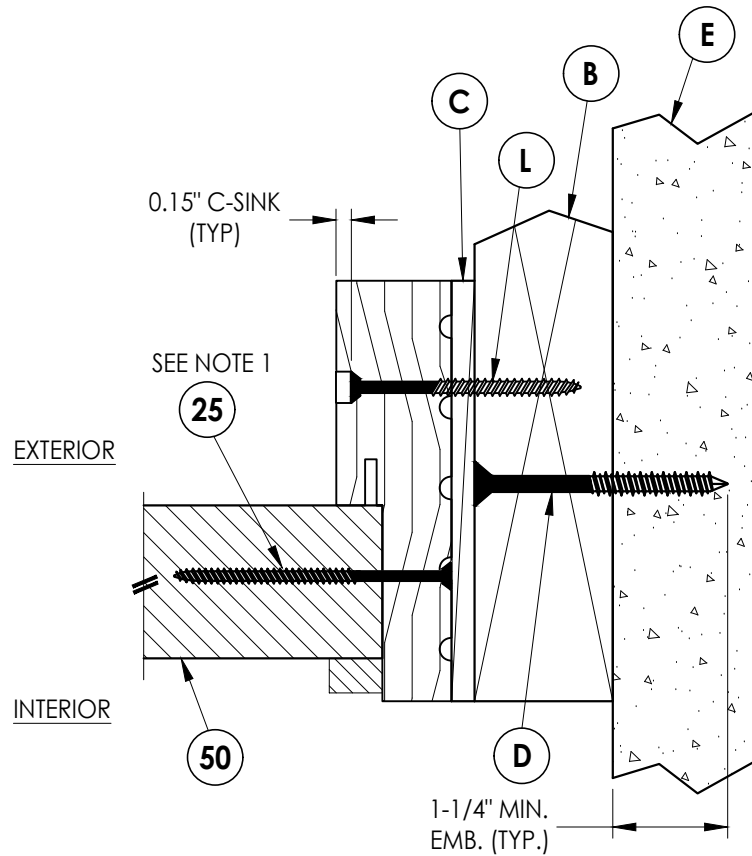
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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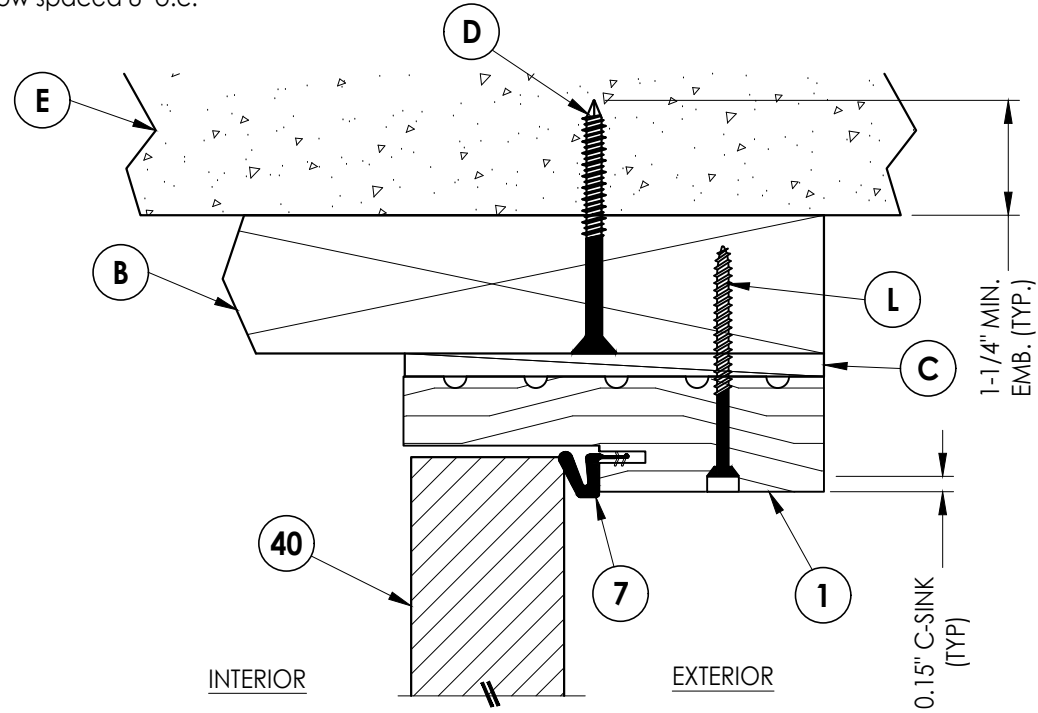
1 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)



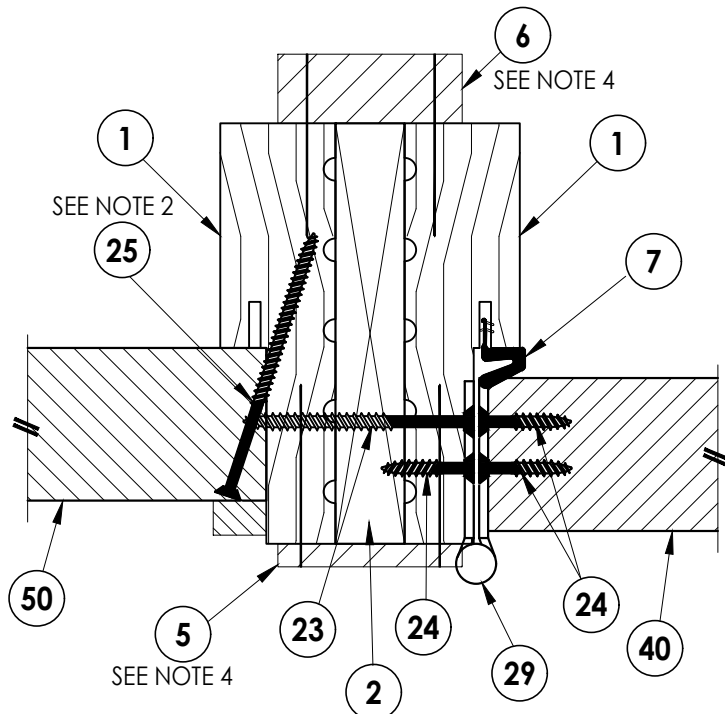
2 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)

Notes:

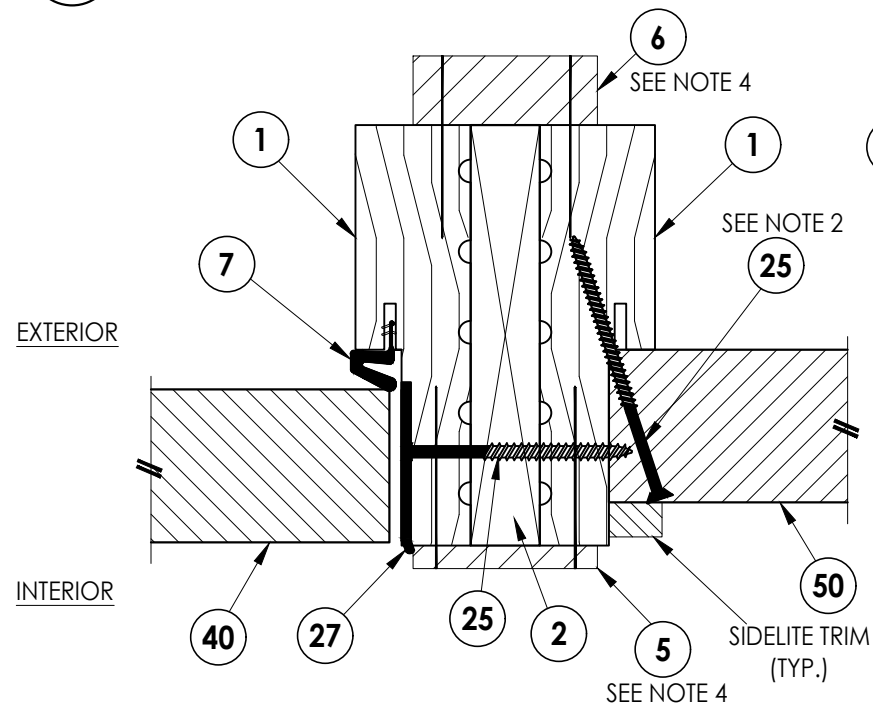
1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 6" & 24" from the top & bottom from each end (4 screws total per side jamb).
3. Sidelite assembly screws located 3" from each end (2 screws along head jamb).
4. Mullion trim attached w/ structural adhesive & 2 rows of 16 GA. X 2" brad nails, each row spaced 8" o.c.



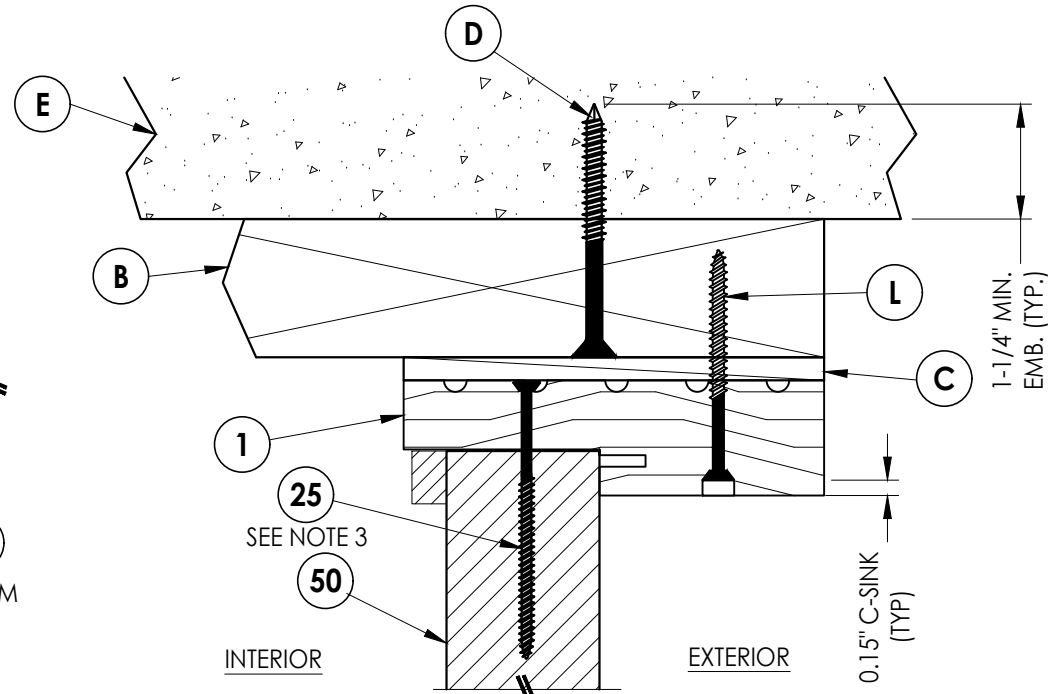
3 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)



5 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)



6 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)



4 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)

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

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

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

NO.	DATE	REVISIONS	BY
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

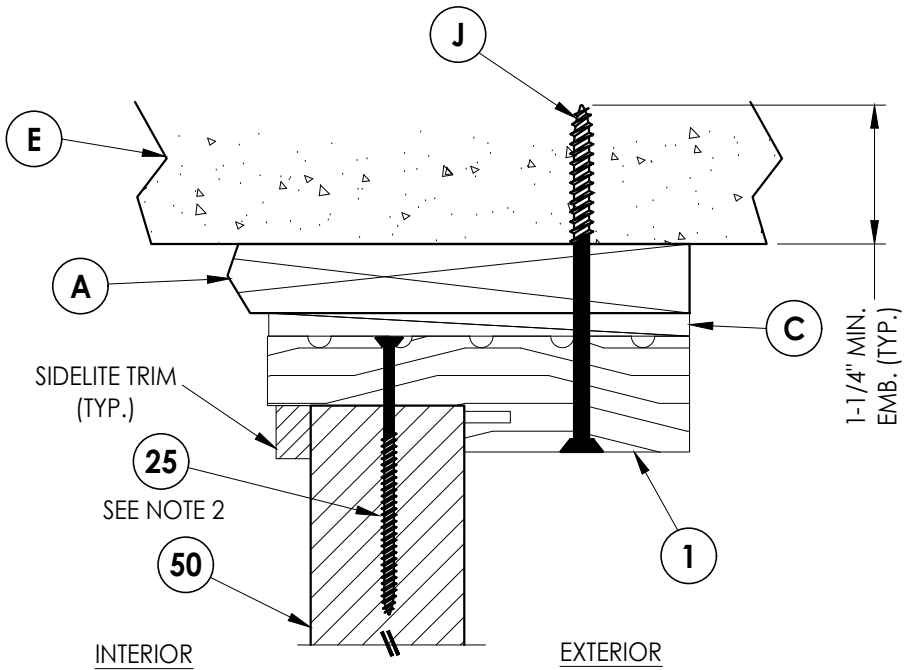
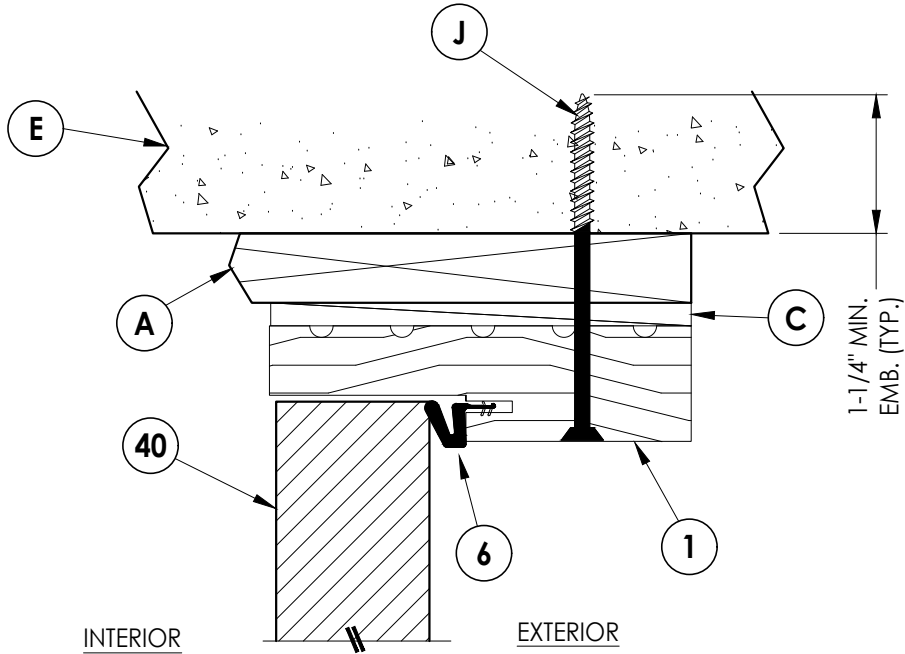
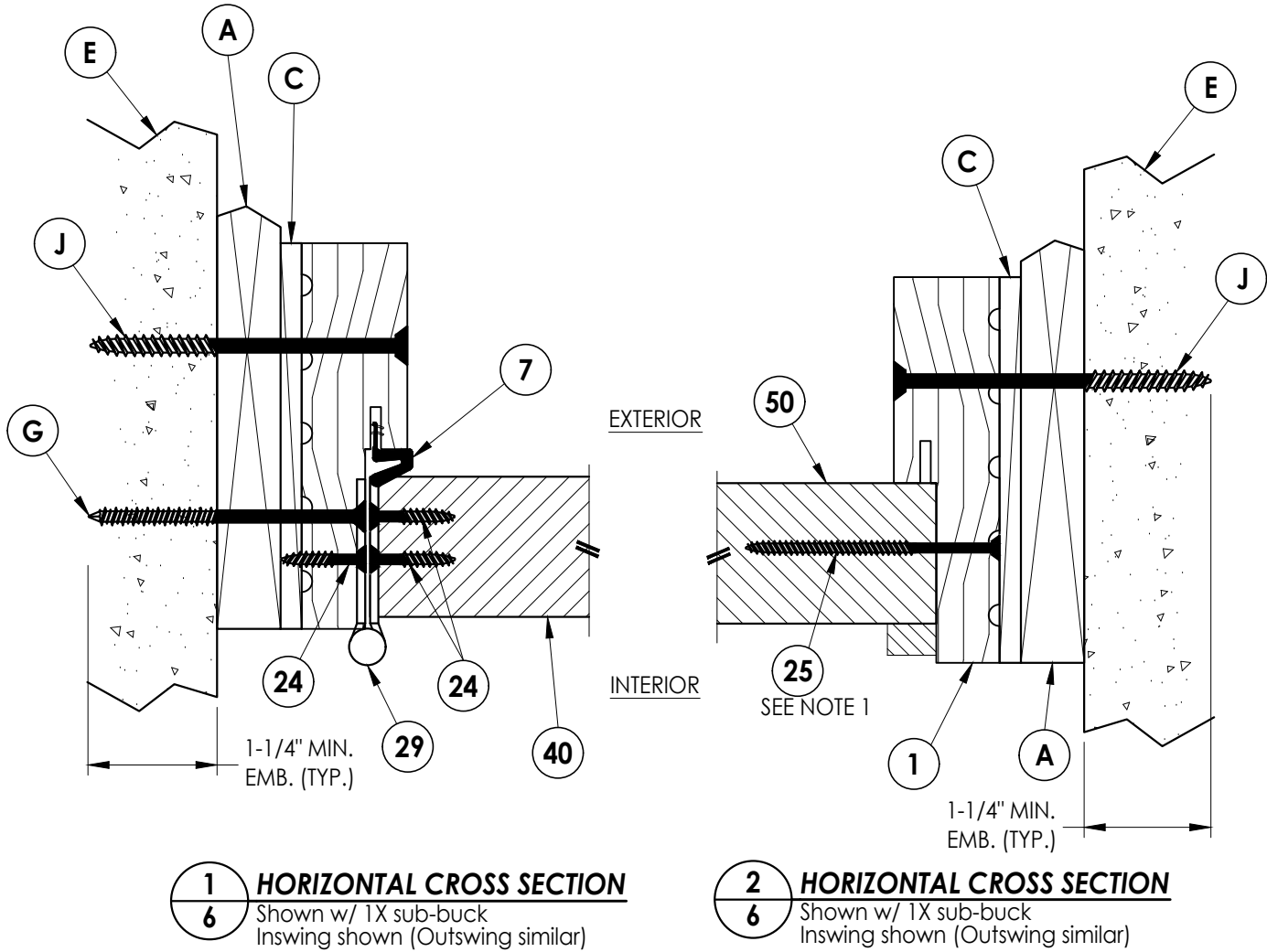
CHK. BY: LFS

DRAWING NO.: FL-20800.5

SHEET 5 OF 12

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- Notes:
1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		INTERNATIONAL WOOD TRADE		WOOD DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL		CROSS SECTIONS (1X BUCK)	
NO.	DATE	REVISIONS		DATE: 8/10/16	
				SCALE: N.T.S.	
				DWG. BY: JK	
				CHK. BY: LFS	
				DRAWING NO.: FL-20800.5	
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					

1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 4 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).

[illegible]

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

Diagram illustrating the cross-section of a window assembly, showing the exterior and interior components. The diagram includes labels for various parts: 40 (exterior frame), 7 (interior frame), 35 (interior pane), E (interior pane), and D (interior pane). A dimension line indicates a minimum height of 1.0m (typical).

Diagram illustrating the cross-section of a window assembly, showing the interior and exterior views. The assembly includes a window frame (50) and a sash (31). The interior view shows the window frame (50) and the sash (31) with a sealant (30) and a trim (SIDELITE TRIM (TYP.)). The exterior view shows the window frame (50) and the sash (31) with a sealant (30) and a trim (SIDELITE TRIM (TYP.)). A vertical dimension line on the left indicates the height of the window frame (IN. P.).

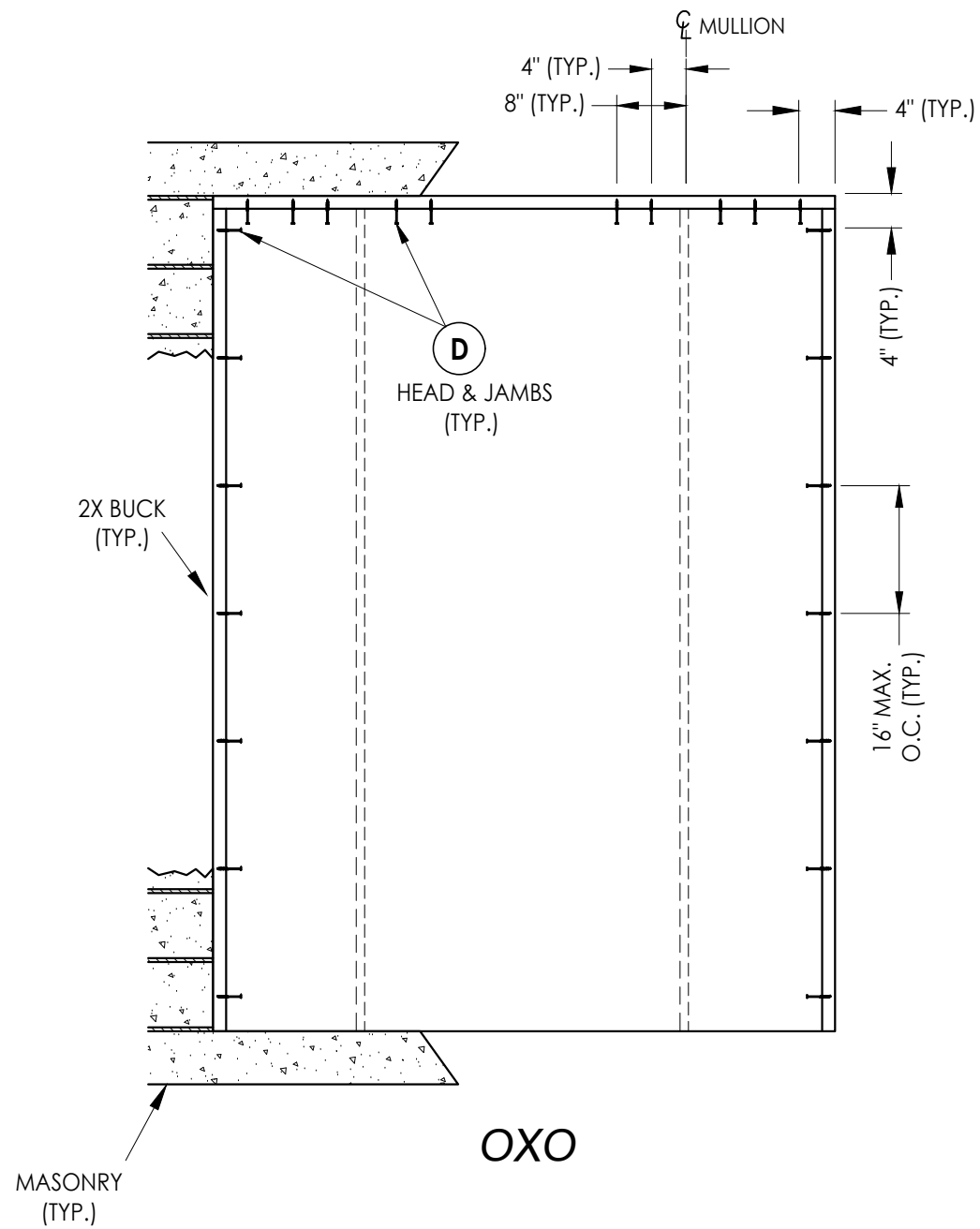
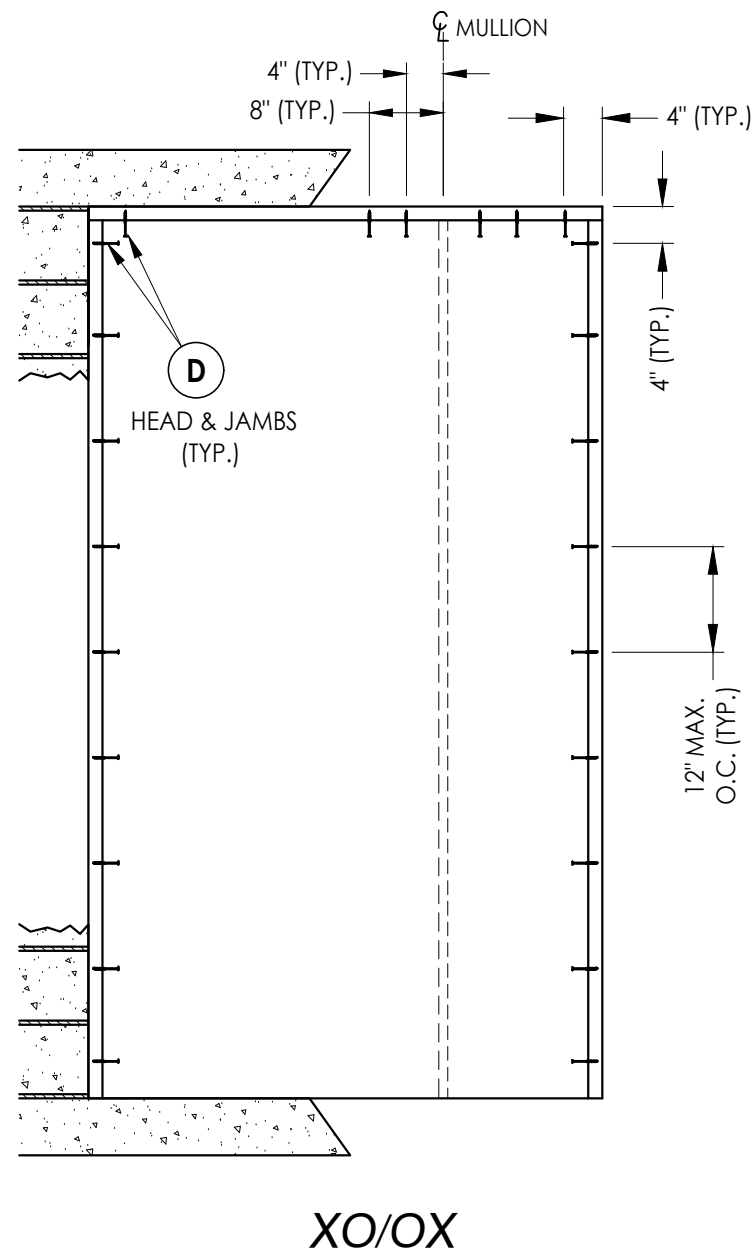
4 VERTICAL CROSS SECTION

Diagram illustrating a vertical cross section of a window assembly, showing the exterior and interior components and their relationship to the structural frame.

Labels:

- EXTERIOR** (Left side)
- INTERIOR** (Right side)
- SIDELITE TRIM (TYP.)** (Pointing to the trim on the exterior side)
- SILICONE** (Pointing to the sealant between the trim and the frame)
- 50** (Dimension line indicating the height of the exterior trim)
- 35** (Dimension line indicating the height of the interior trim)
- D** (Dimension line indicating the depth of the exterior trim)
- E** (Dimension line indicating the depth of the interior trim)
- 1-1/4" MIN. EMB. (TYP.)** (Dimension line indicating the minimum embedment depth of the trim into the structural frame)

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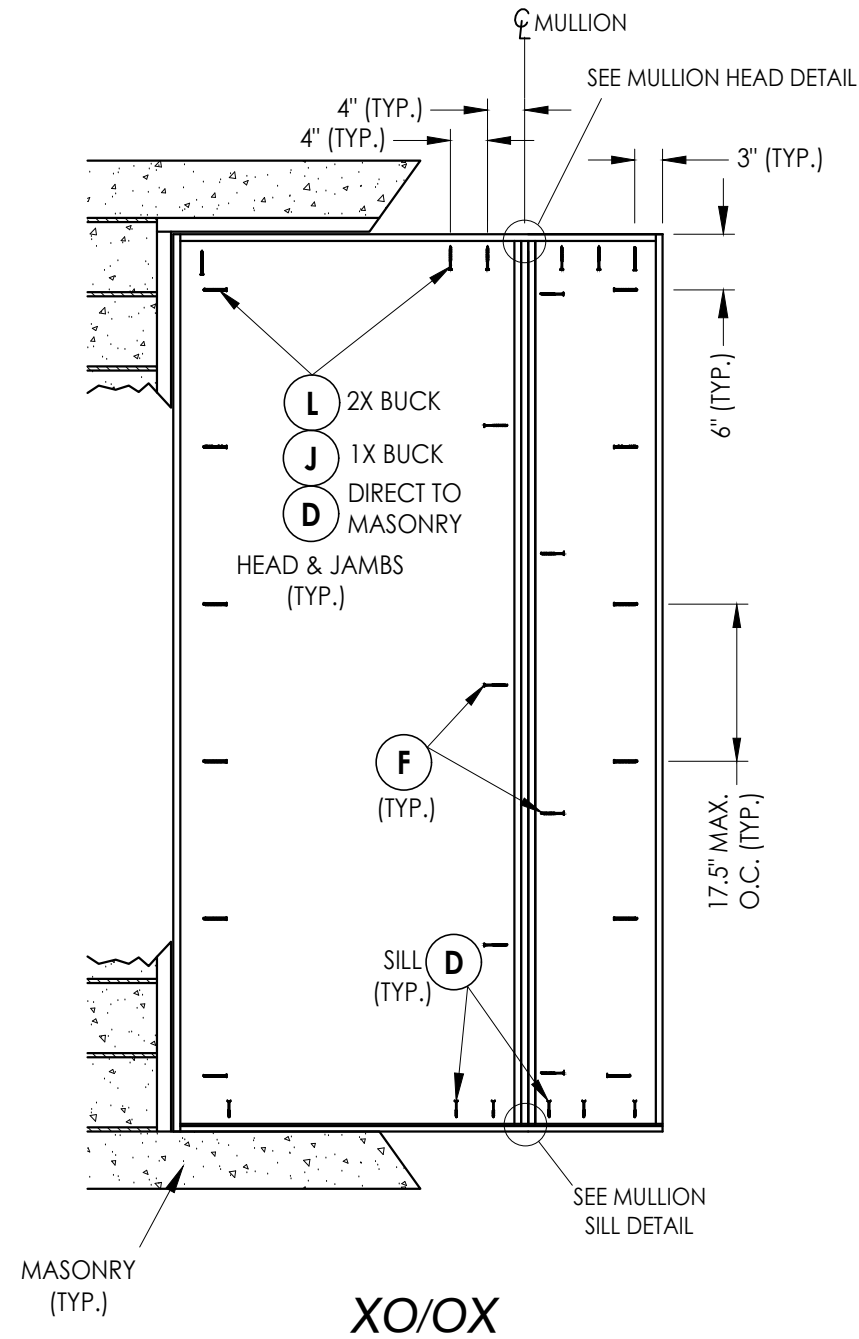


2X BUCK ANCHORING

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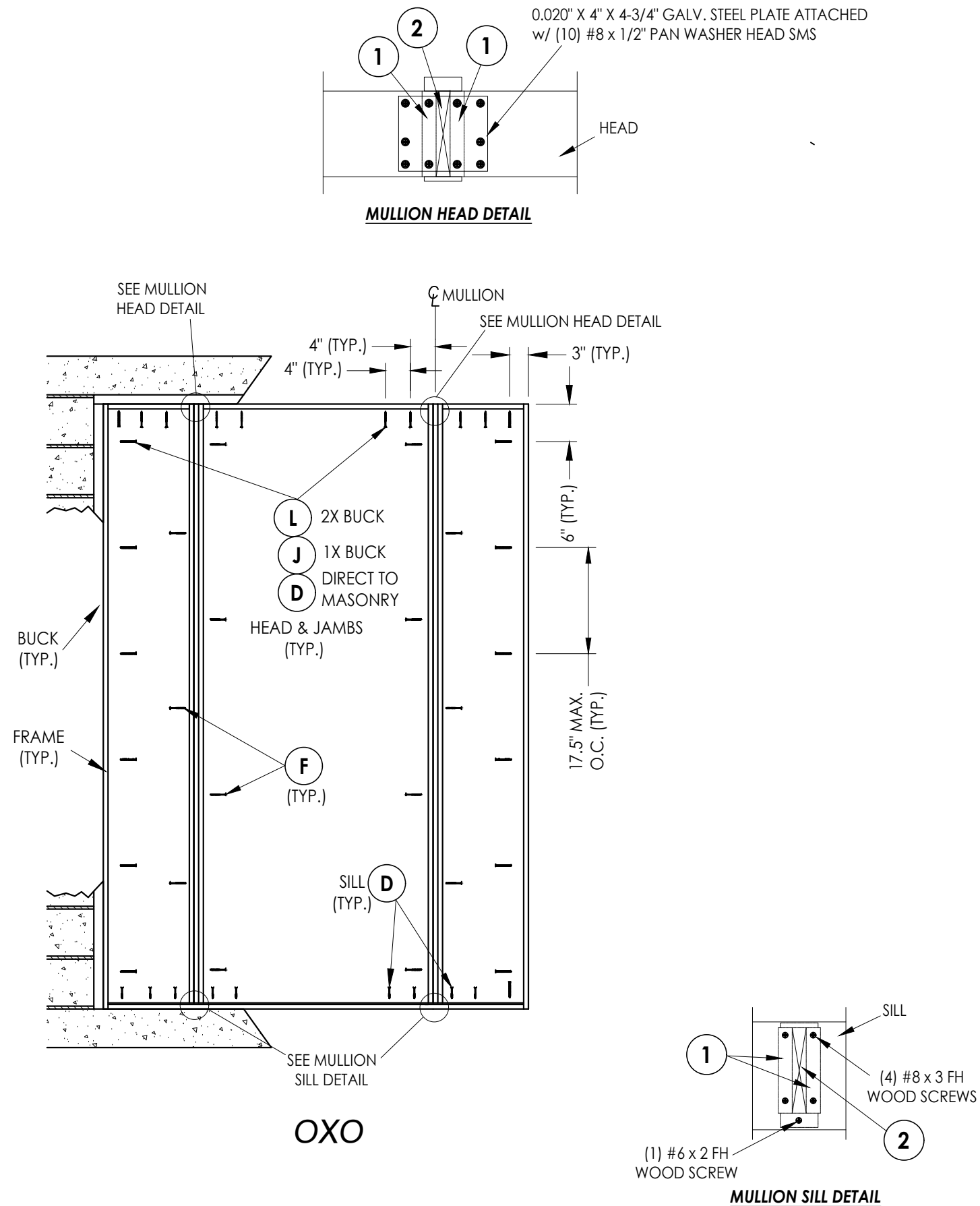
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R²W BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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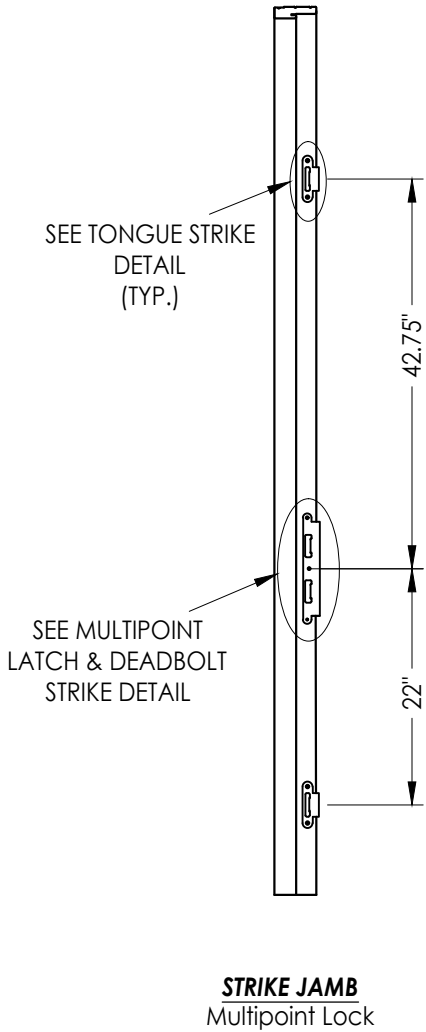
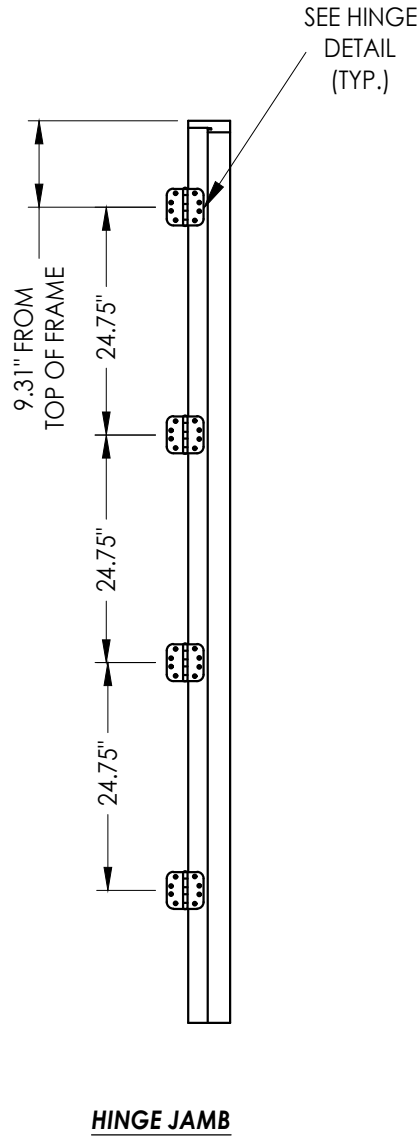
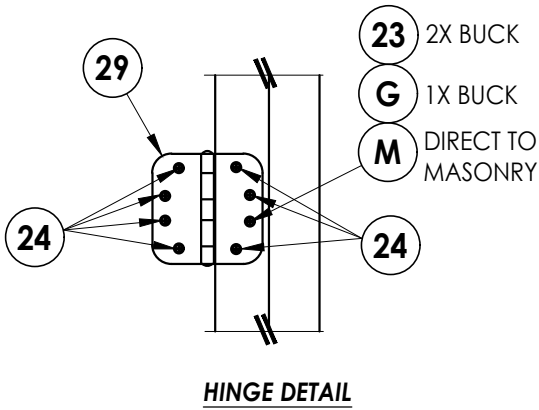
FRAME ANCHORING

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

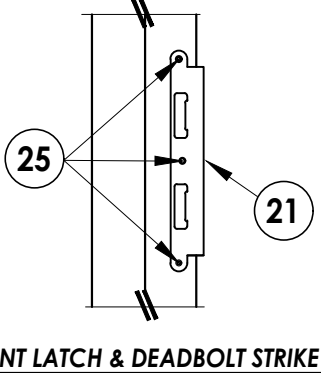
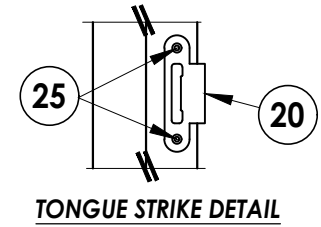


DATE: 8/10/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20800.5					
SHEET 10 OF 12					
				REVISONS	
NO.	DATE				
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3	9/26/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	5/23/18	UPDATE TO 6TH ED. (2017)	FBC	JK	
				BY	
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR					
PART OR ASSEMBLY: FRAME ANCHORING					
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					

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MULTIPOINT LOCK HARDWARE DETAILS



DATE:	8/17/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.5
SHEET	11 OF 12

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

PRODUCT:	INTERNATIONAL WOOD TRADE 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 (PINE, G>= 0.42)	WOOD
5	MULLION TRIM (SAPELE, G>= 0.55)	WOOD
6	MULLION TRIM (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 3" 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
40	DOOR PANEL	WOOD
50	SIDELITE PANEL	WOOD

CONCRETE ANCHOR NOTES:

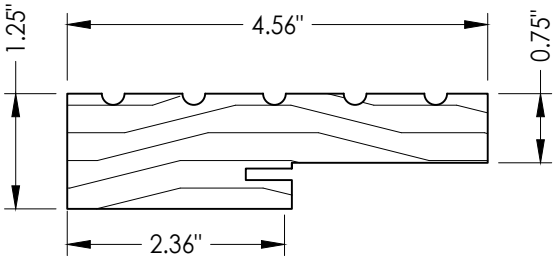
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX.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

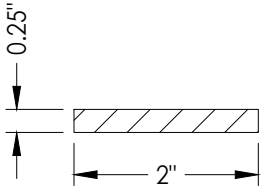
WOOD SCREW INSTALLATION NOTES:

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

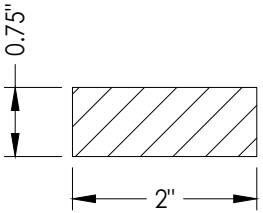
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



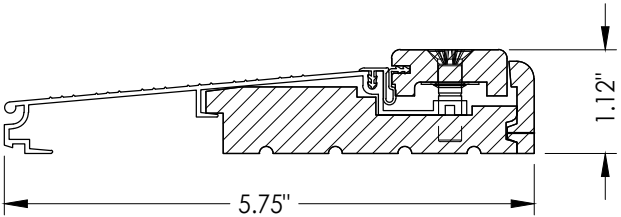
1 WOOD JAMB



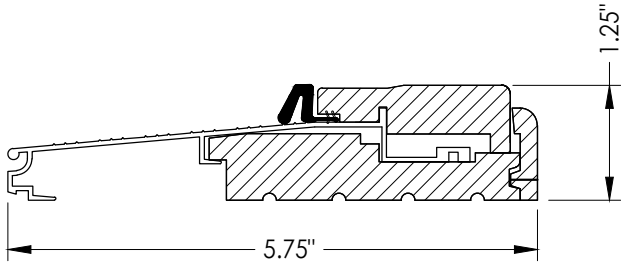
5 MULLION TRIM



6 MULLION TRIM



30 **INSWING ADJUSTABLE THRESHOLD**



35 OUTSWING BUMB THRESHOLD

PRODUCT:					
INTERNATIONAL WOOD TRADE WOOD DOOR					
PART OR ASSEMBLY:					
BILL OF MATERIALS & COMPONENTS					
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: 8/17/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20800.5					
SHEET 12 OF 12					