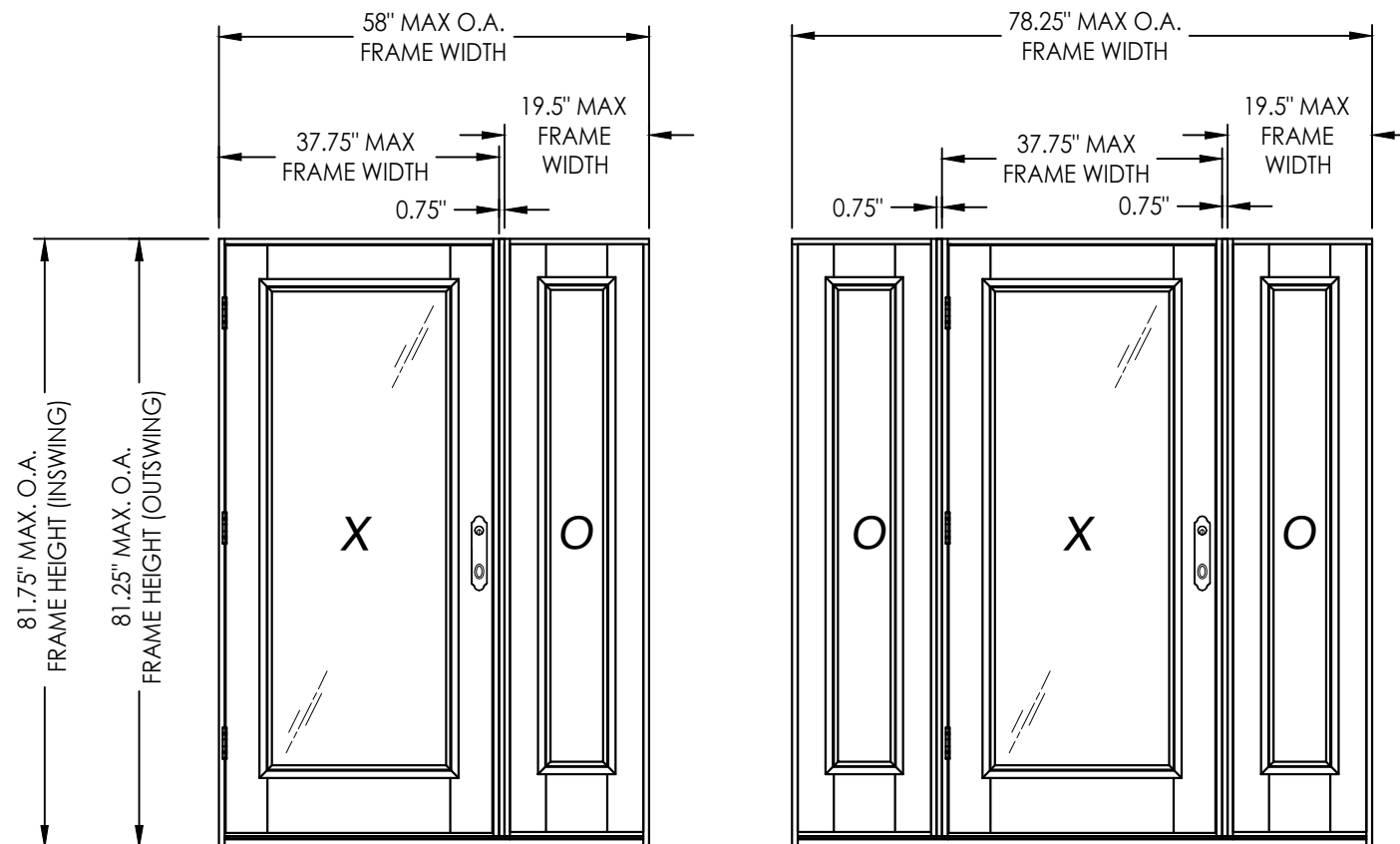


INSWING/OUTSWING "NON-IMPACT"

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

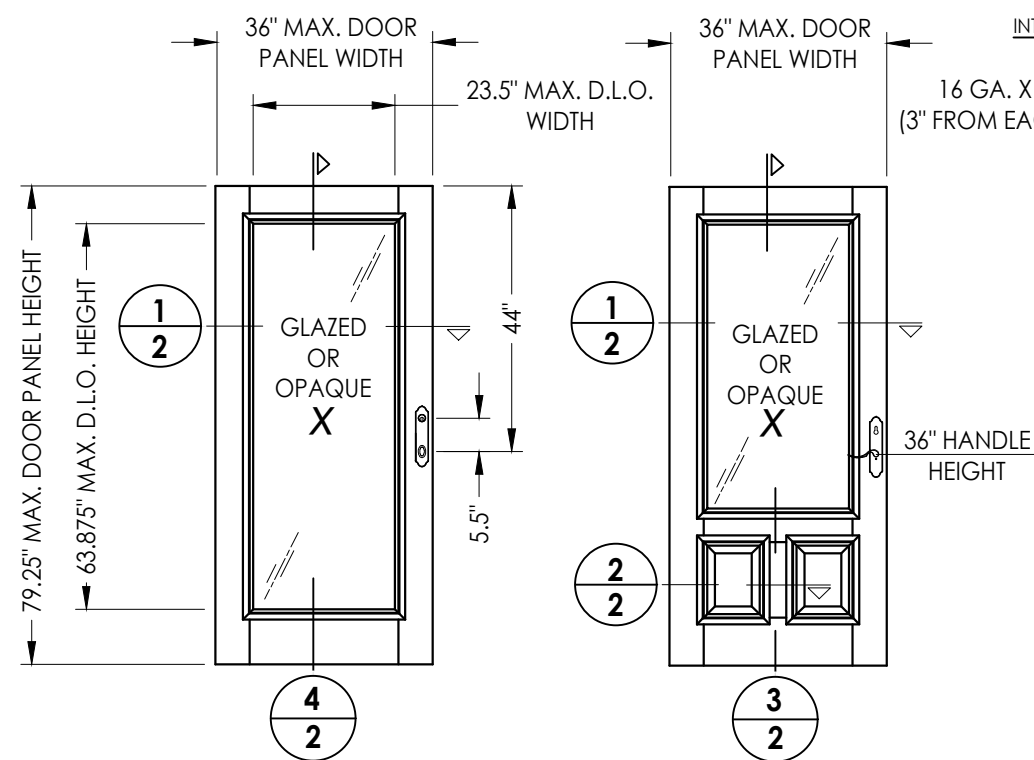
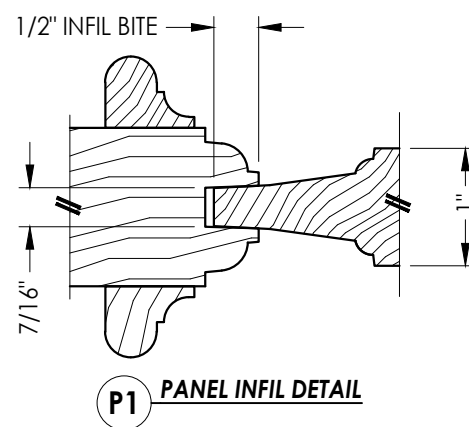
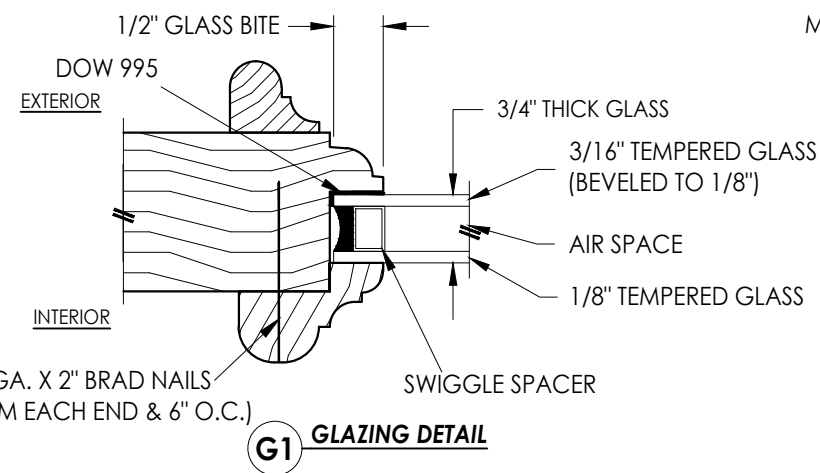
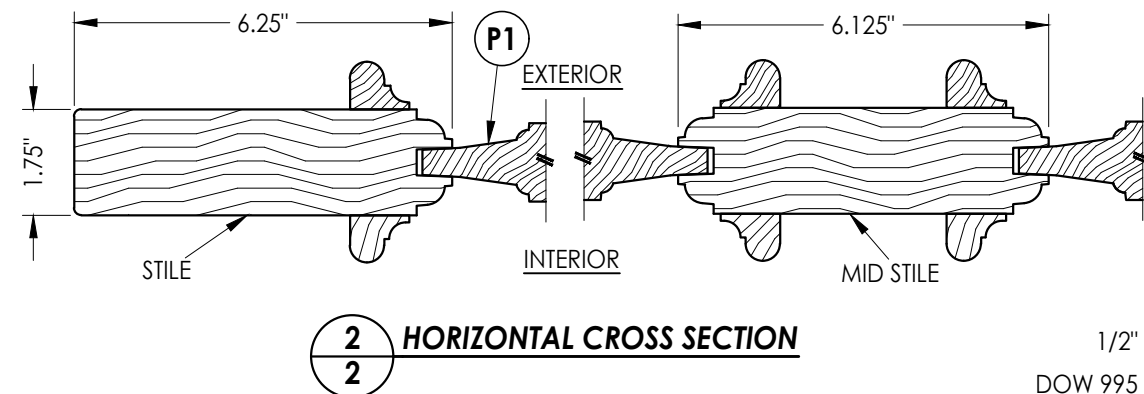
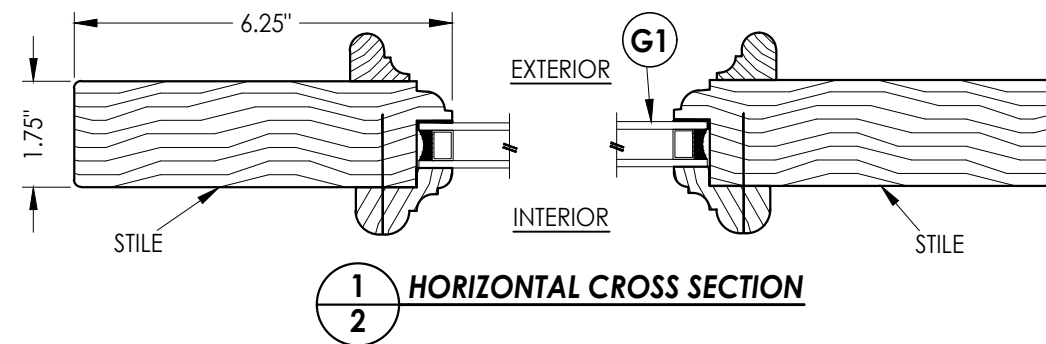
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
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, OXO	Lock & Deadbolt*	+40.0	-50.0	+40.0	-40.0
XO, OX, OXO	Multipoint*	+40.0	-50.0	+40.0	-40.0

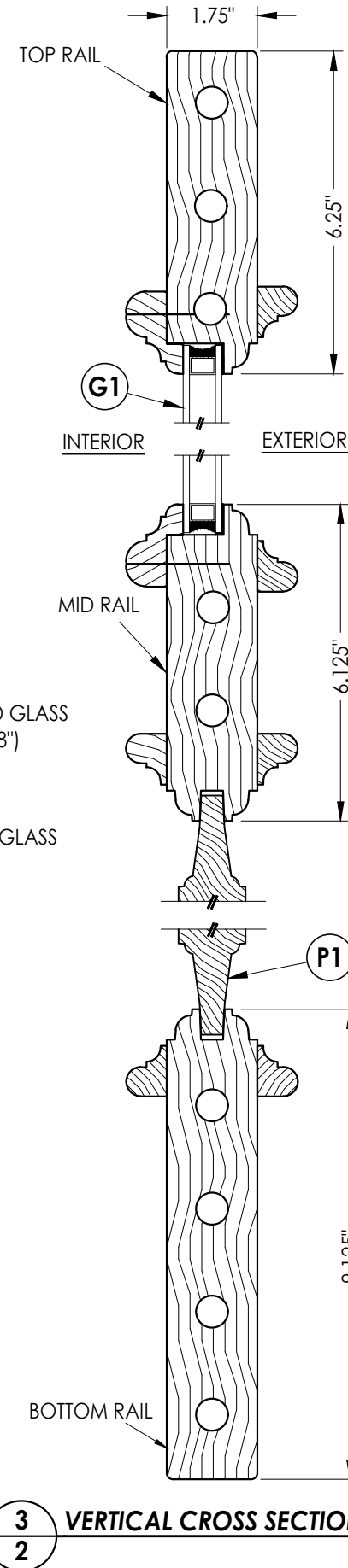
***See Sheet 4 for Hardware Specifications**

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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
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-20800.2			
SHEET 1 OF 12			

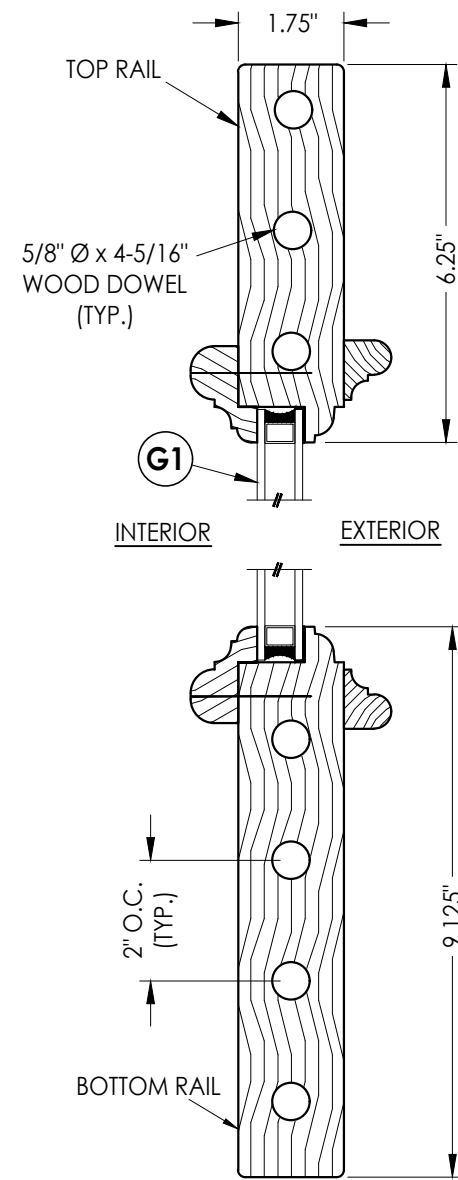


40 WOOD DOOR PANELS

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



3 VERTICAL CROSS SECTION
2



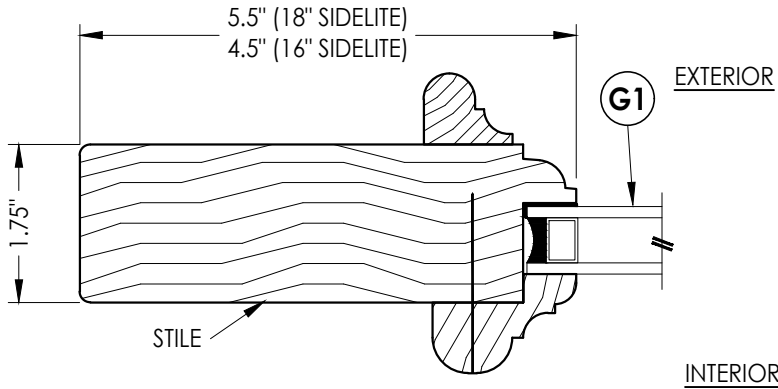
4 **VERTICAL CROSS SECTION**
2

[illegible]

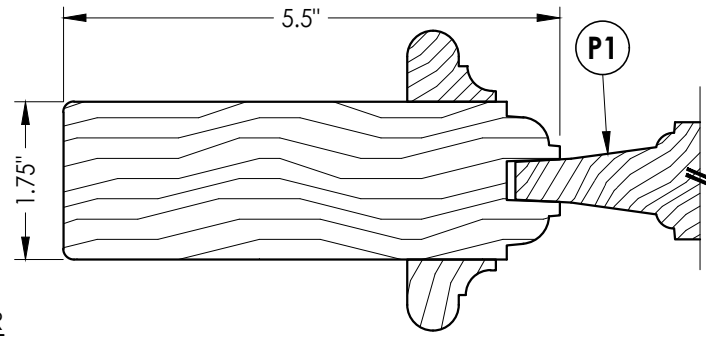
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

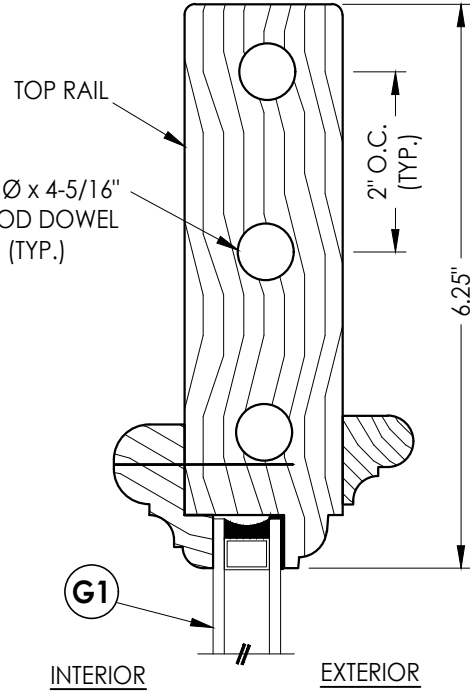
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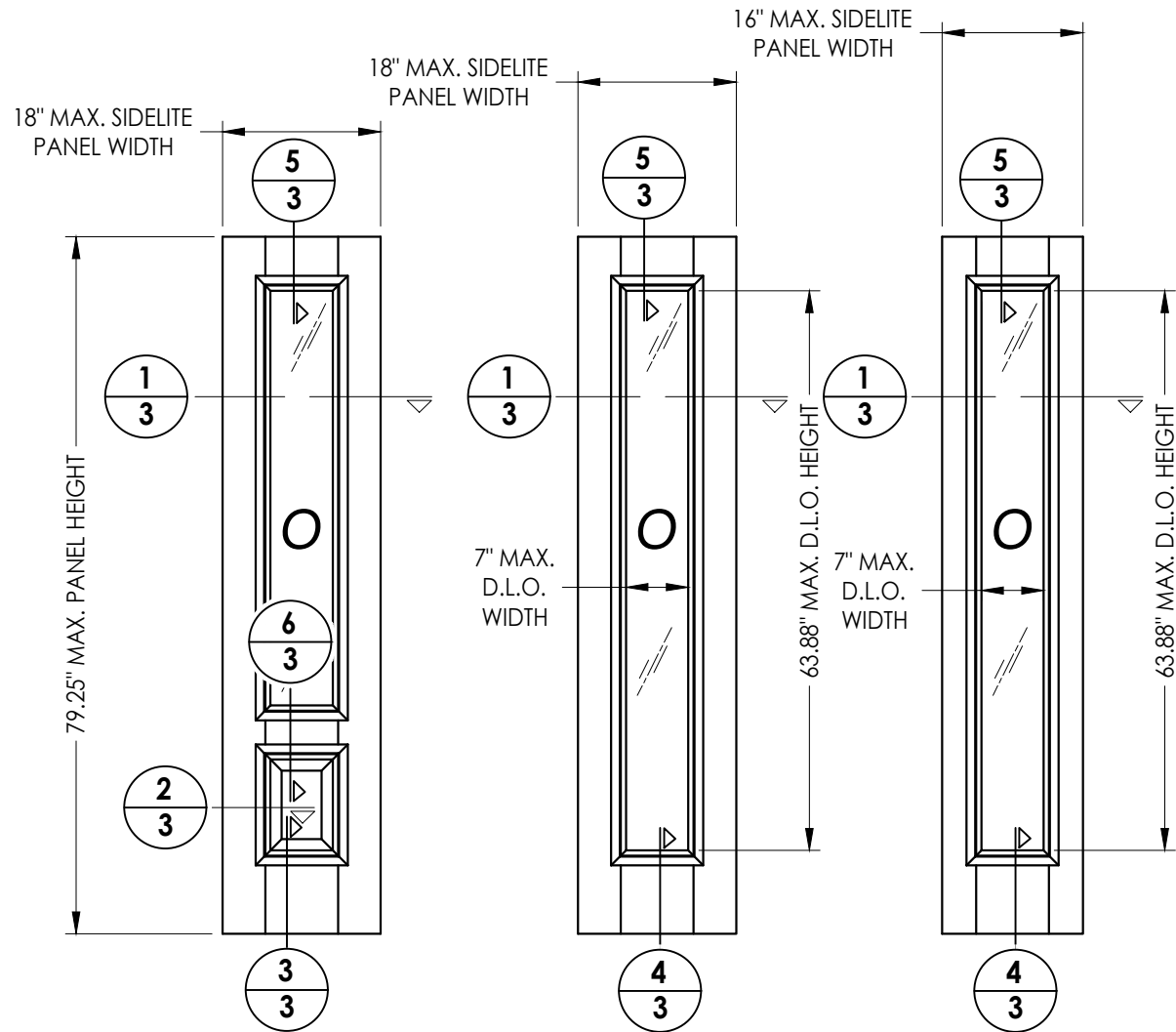
1
3 **HORIZONTAL CROSS SECTION**
Glazed Panel Shown



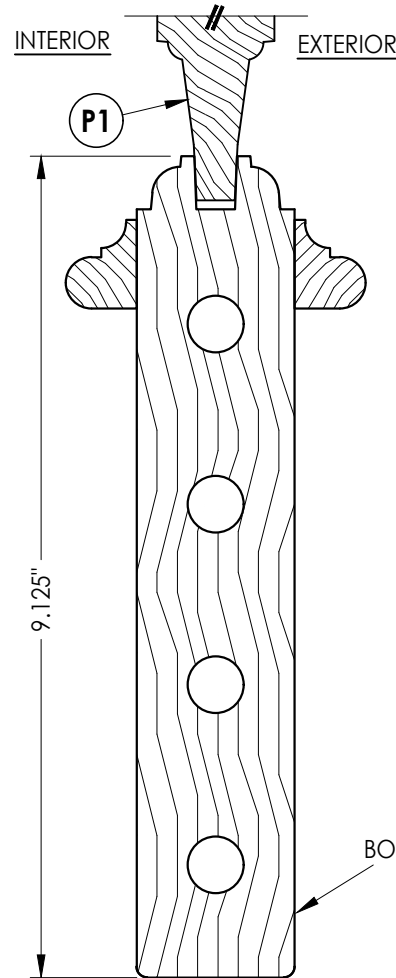
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3 **HORIZONTAL CROSS SECTION**
Opaque Panel Shown



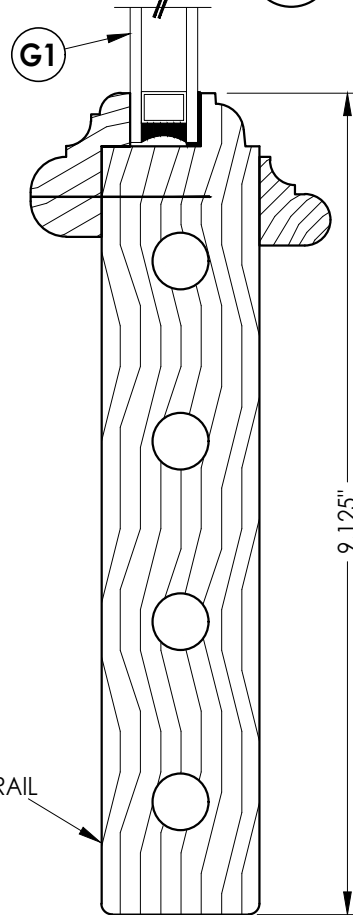
5
3 **VERTICAL CROSS SECTION**



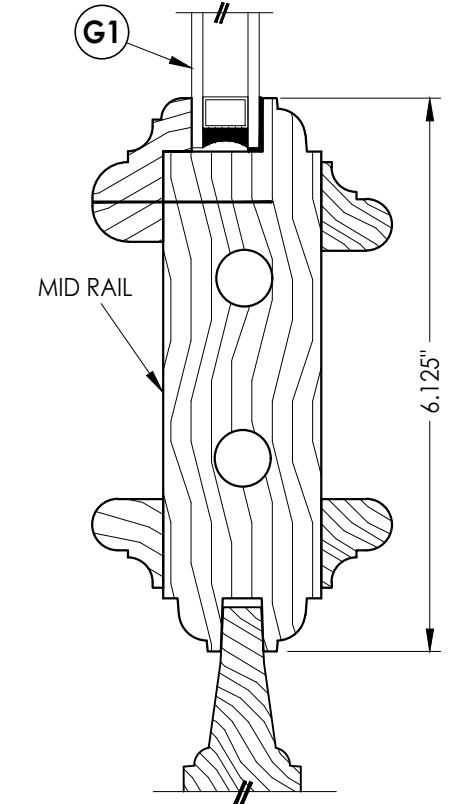
50 **WOOD SIDELITE PANELS**



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

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:
SIDELITE PANEL DETAILS

NO.	DATE	BY
3	9/26/23	JK
2	9/16/20	JK
1	5/23/18	JK

DATE: 8/17/16

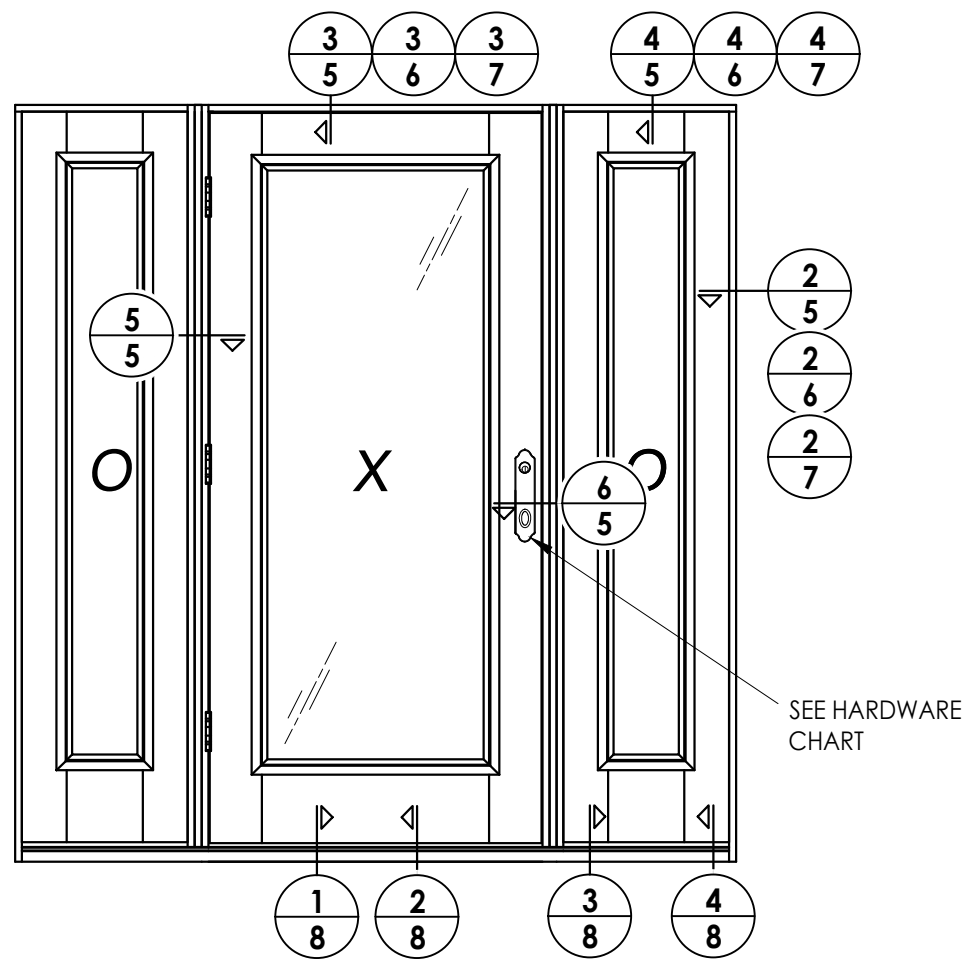
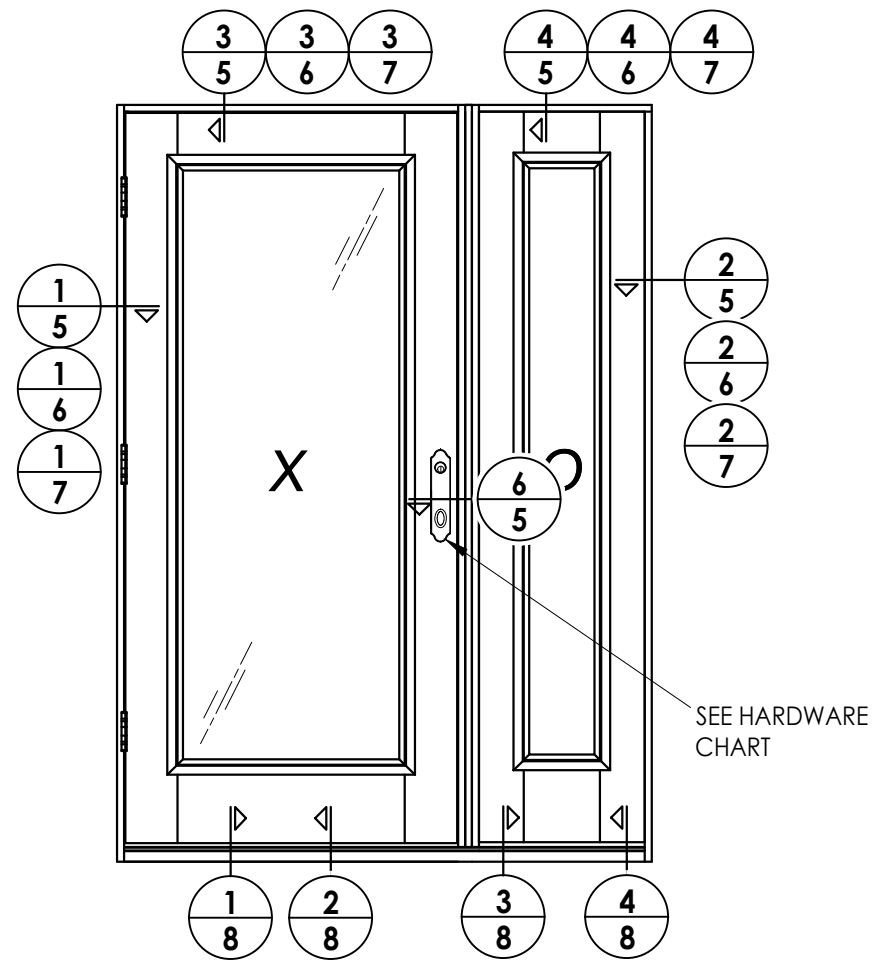
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20800.2

SHEET 3 OF 12



HARDWARE TABLE	
MANUFACTURER	MODEL
RIDGECREST (SURE-LOC)	<u>HANDLE SET LOCK & DEADBOLT:</u> RUSTIC SERIES
G-U	<u>MULTIPOINT LOCK (3-pt Tongue):</u> SECURY AUTOMATIC DOOR LOCK FOR LEVER HANDLE (6-35856-01-R-8B) <u>MORTISE LOCK TRIM:</u> EMTEK

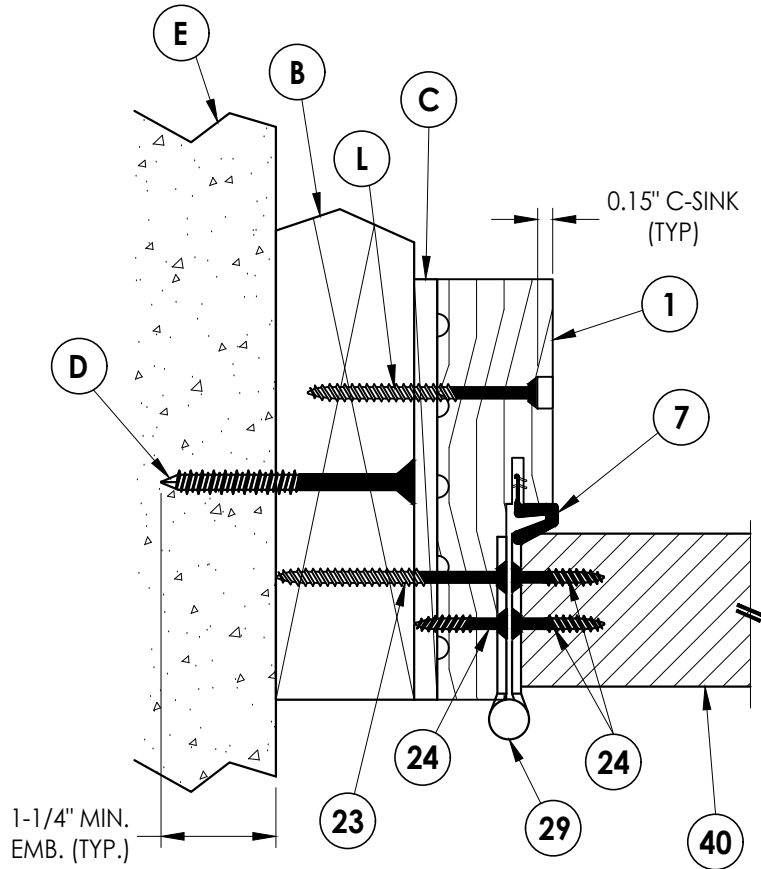
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PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR
PART OR ASSEMBLY:	ELEVATIONS

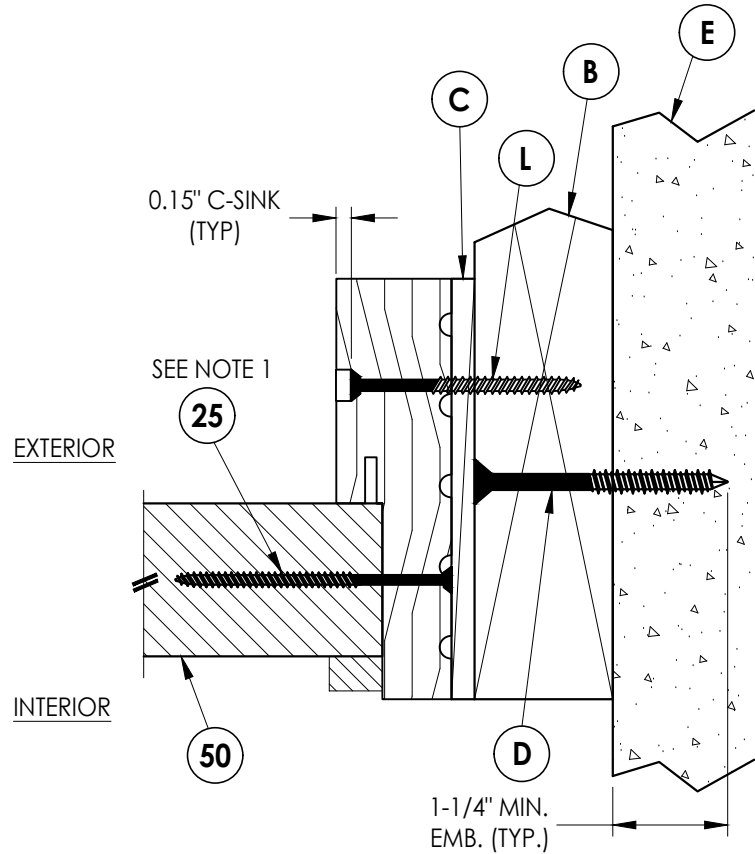
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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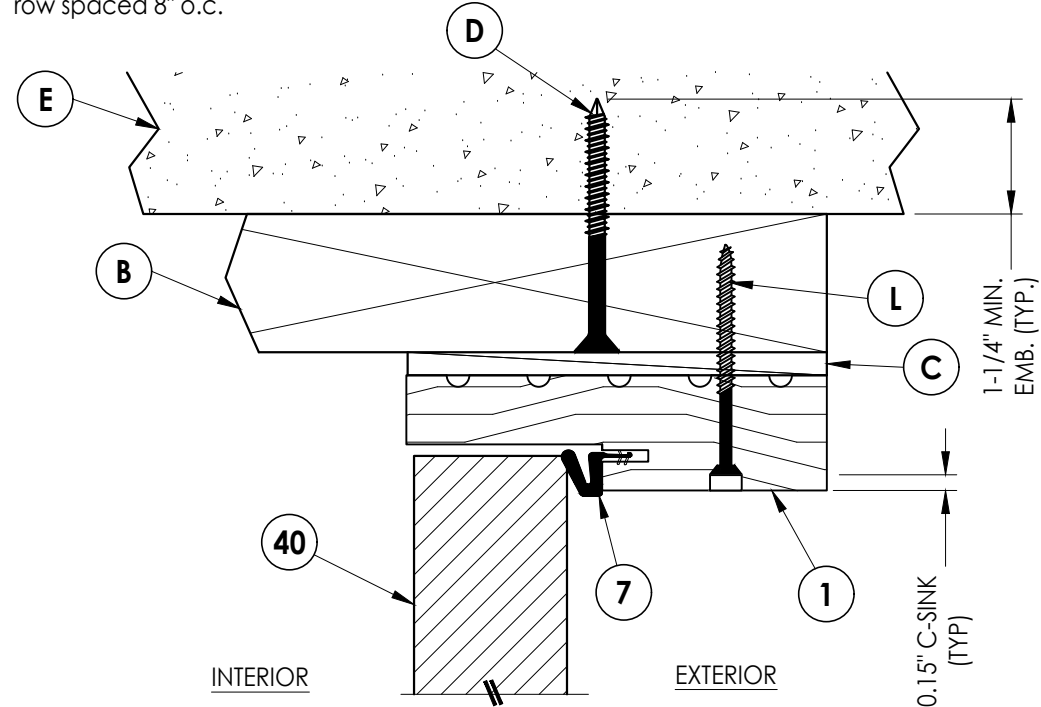
1 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)



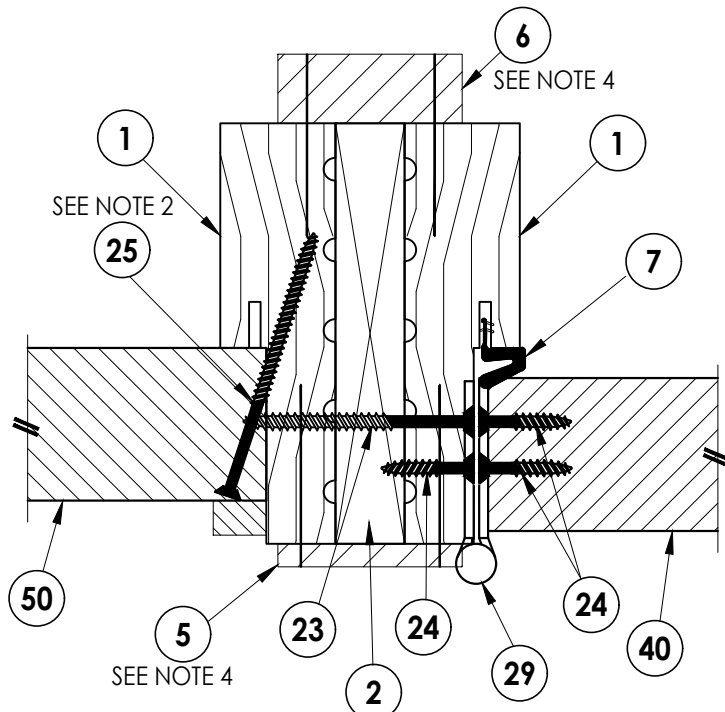
2 **HORIZONTAL CROSS SECTION**
5 Inswing shown (Outswing similar)

Notes:

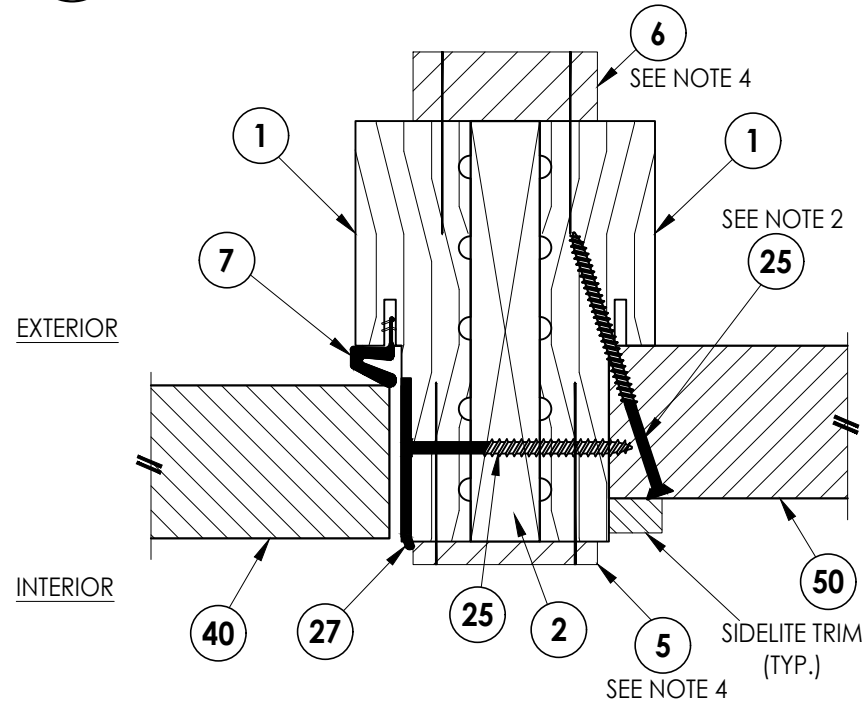
1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 3 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 6" & 24" from the top & bottom from each end (4 screws total per side jamb).
3. Sidelite assembly screws located 3" from each 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.



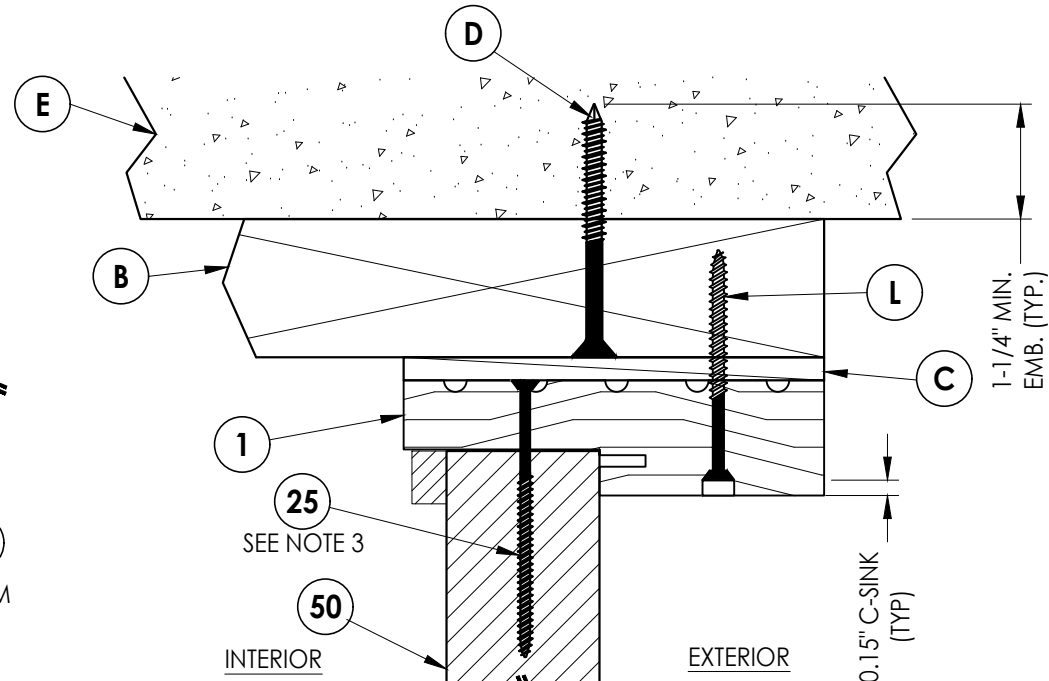
3 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)



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

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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

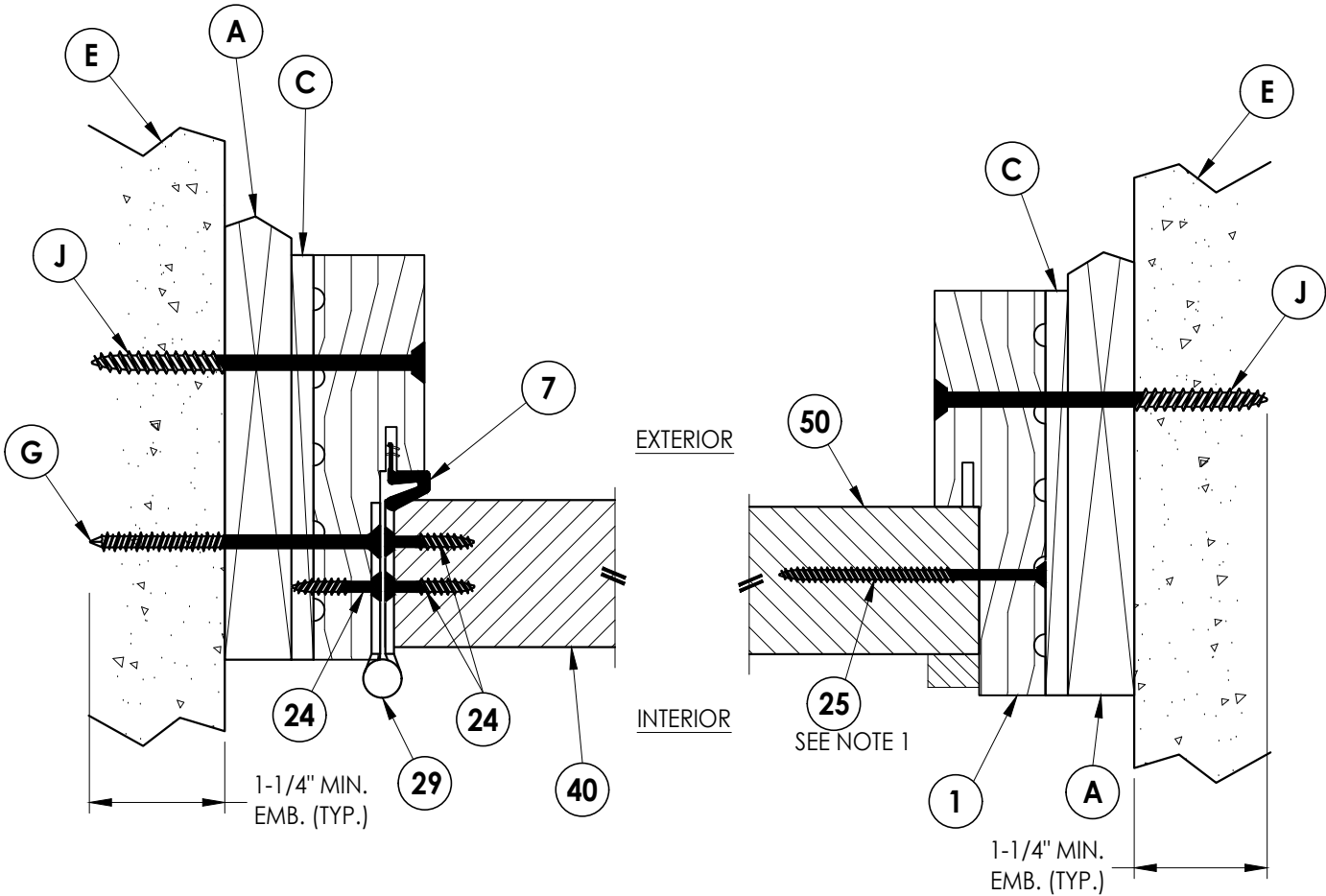
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2	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	5/23/18	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.2
SHEET 5 OF 12

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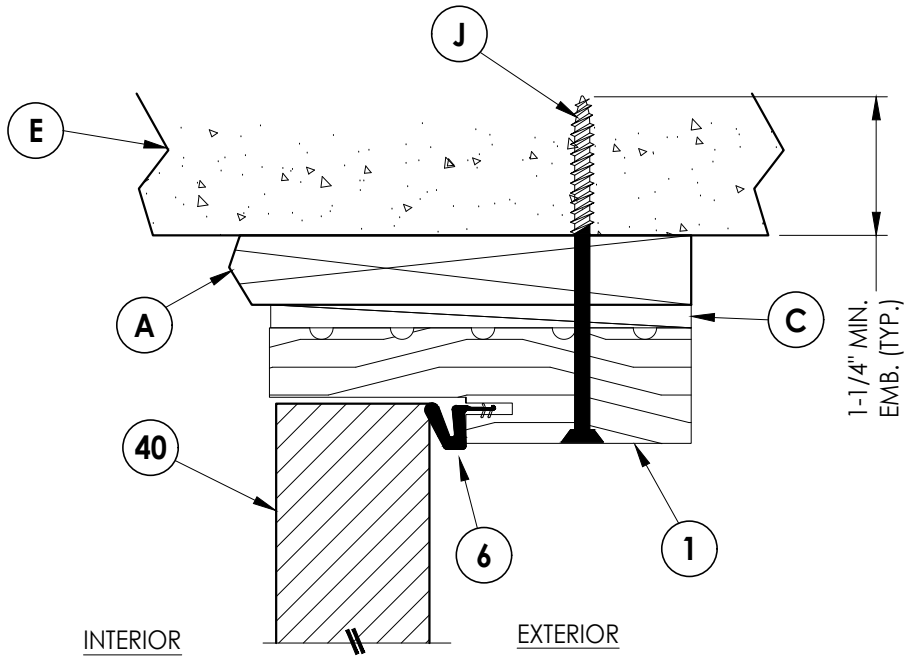
Notes:

1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 3 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).

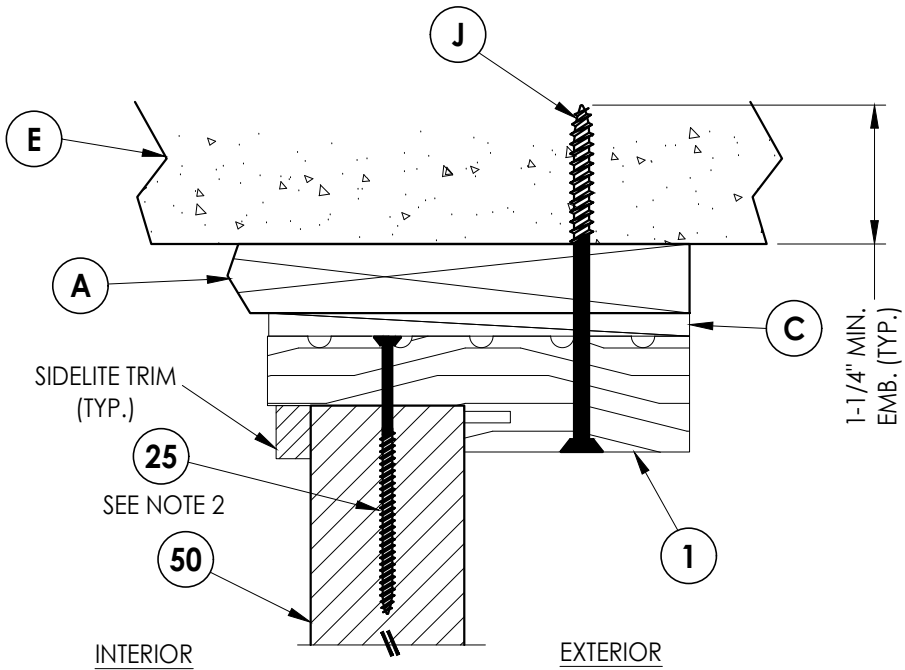


1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

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



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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
NO.	DATE	BY

DATE: 8/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

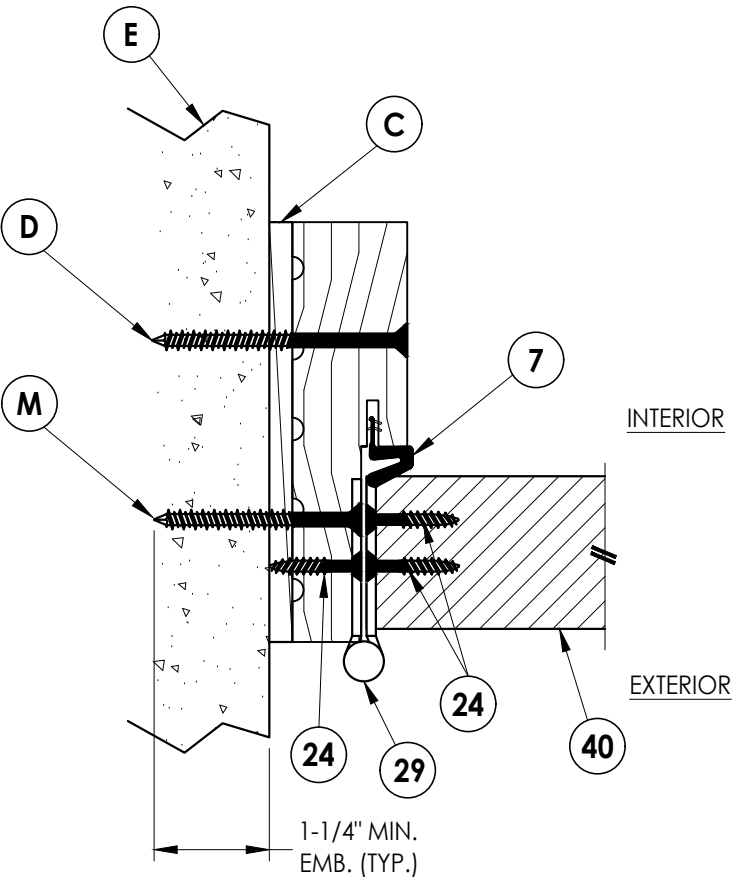
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FL-20800.2

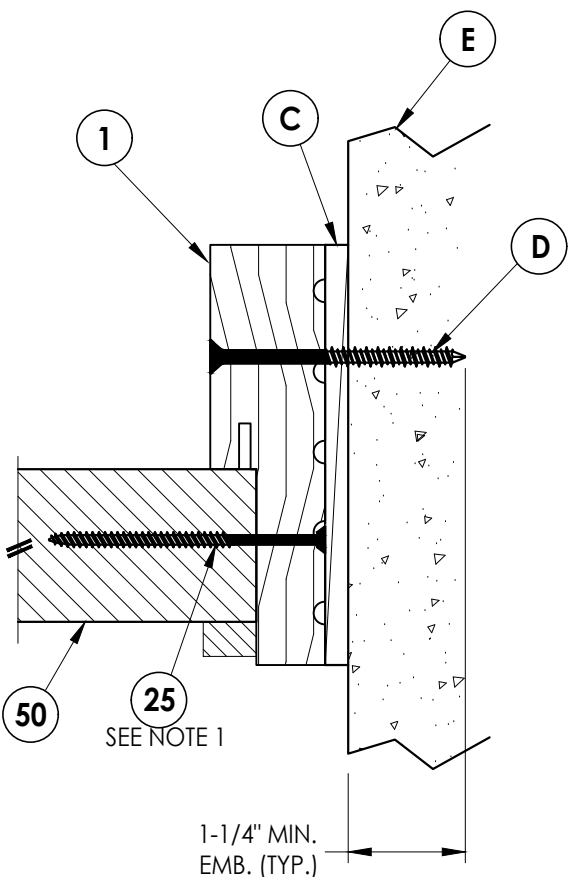
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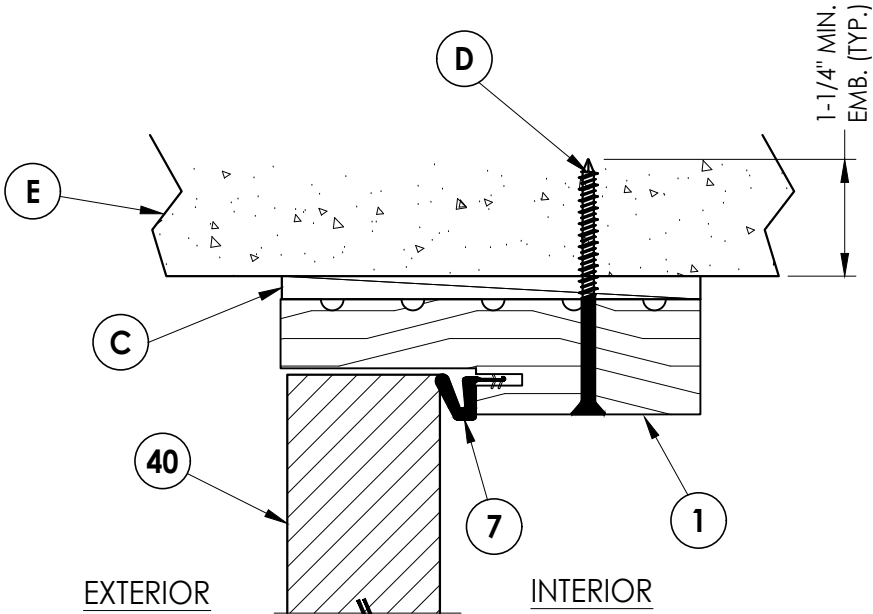
- Notes:
1. Sidelite assembly screws located 4" & 8" from the top & bottom plus 3 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



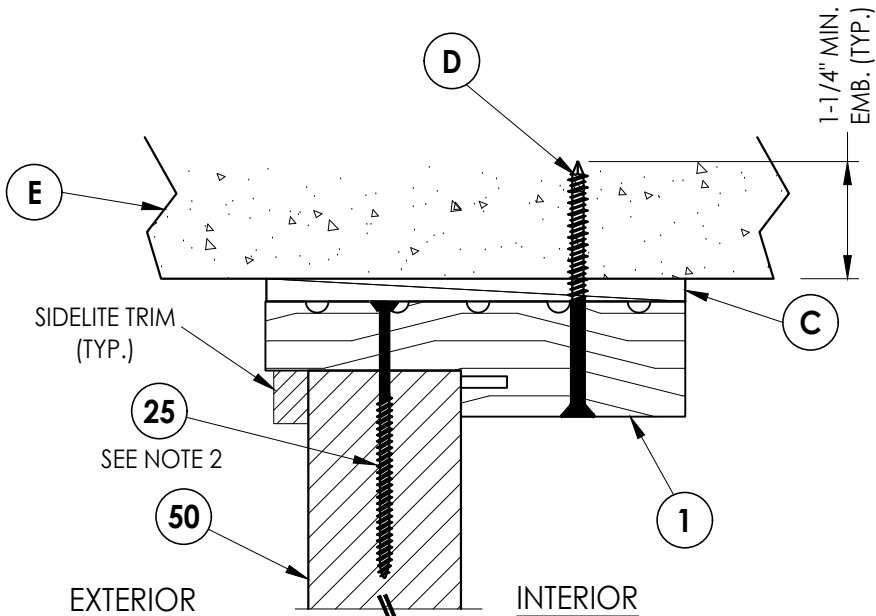
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only



2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only



3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only



4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only

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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

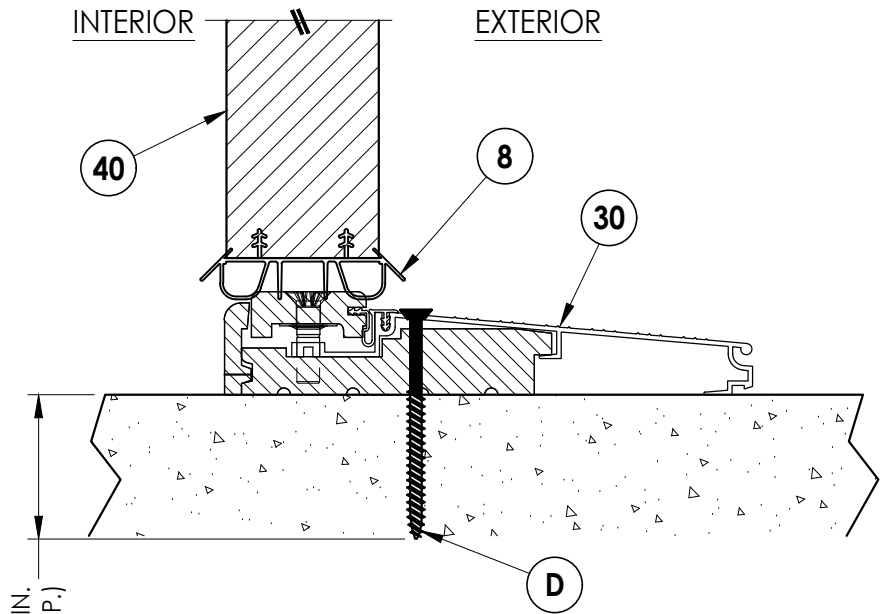
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INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

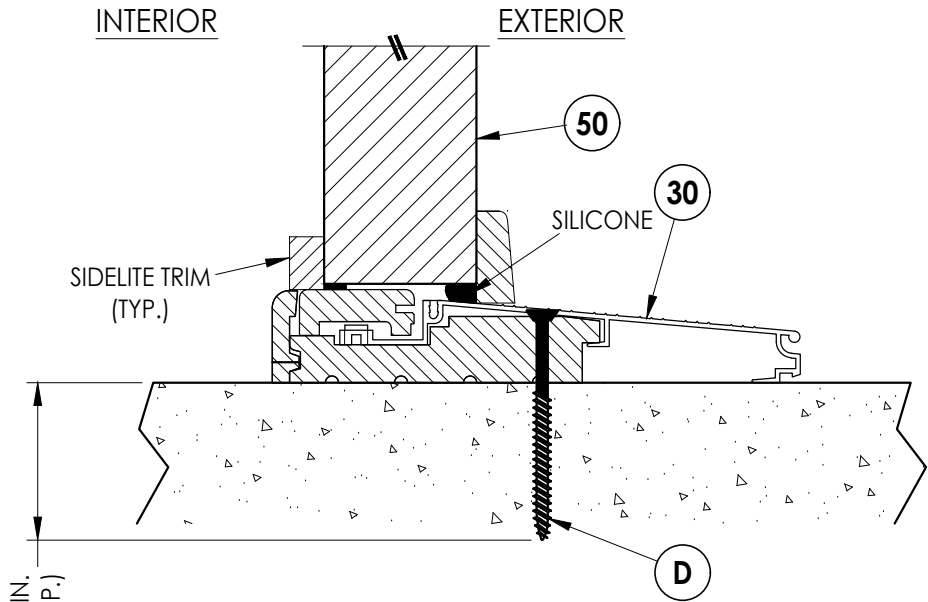
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		BY	JK	LFS	FBC
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2	9/16/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	5/23/18	UPDATE TO 6TH ED.	(2017)	FBC	JK

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-20800.2
SHEET 7 OF 12

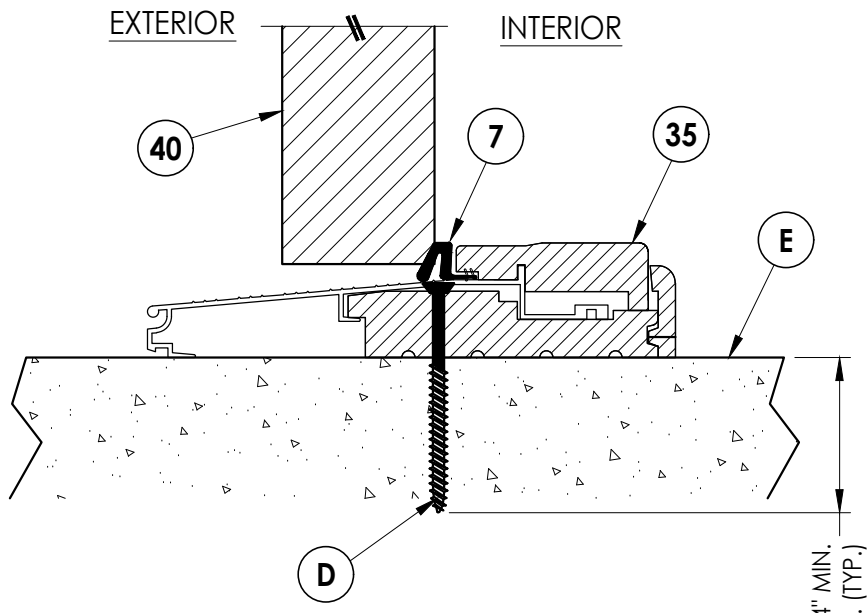
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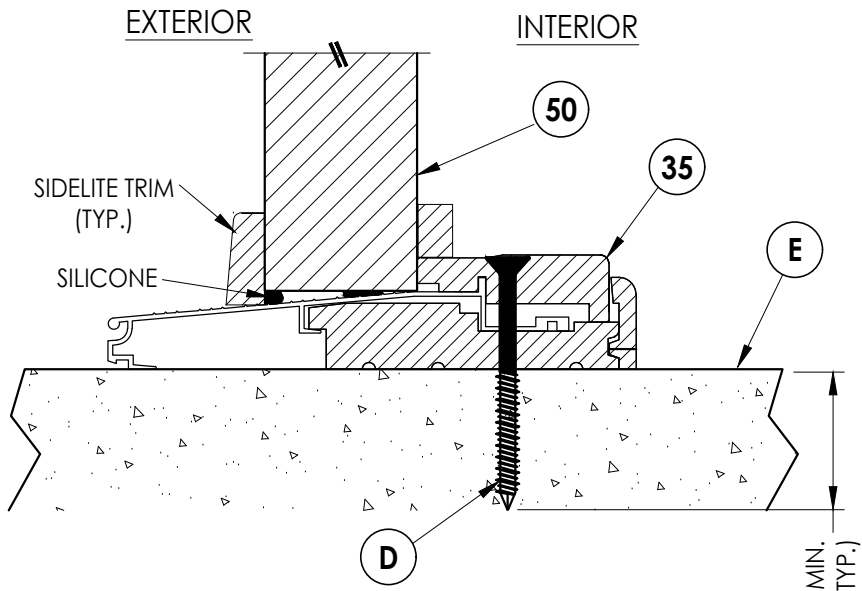
1
8 **VERTICAL CROSS SECTION**
Inswing Sill



3
8 **VERTICAL CROSS SECTION**
Inswing Sill



2
8 **VERTICAL CROSS SECTION**
Outswing Sill



4
8 **VERTICAL CROSS SECTION**
Outswing Sill

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

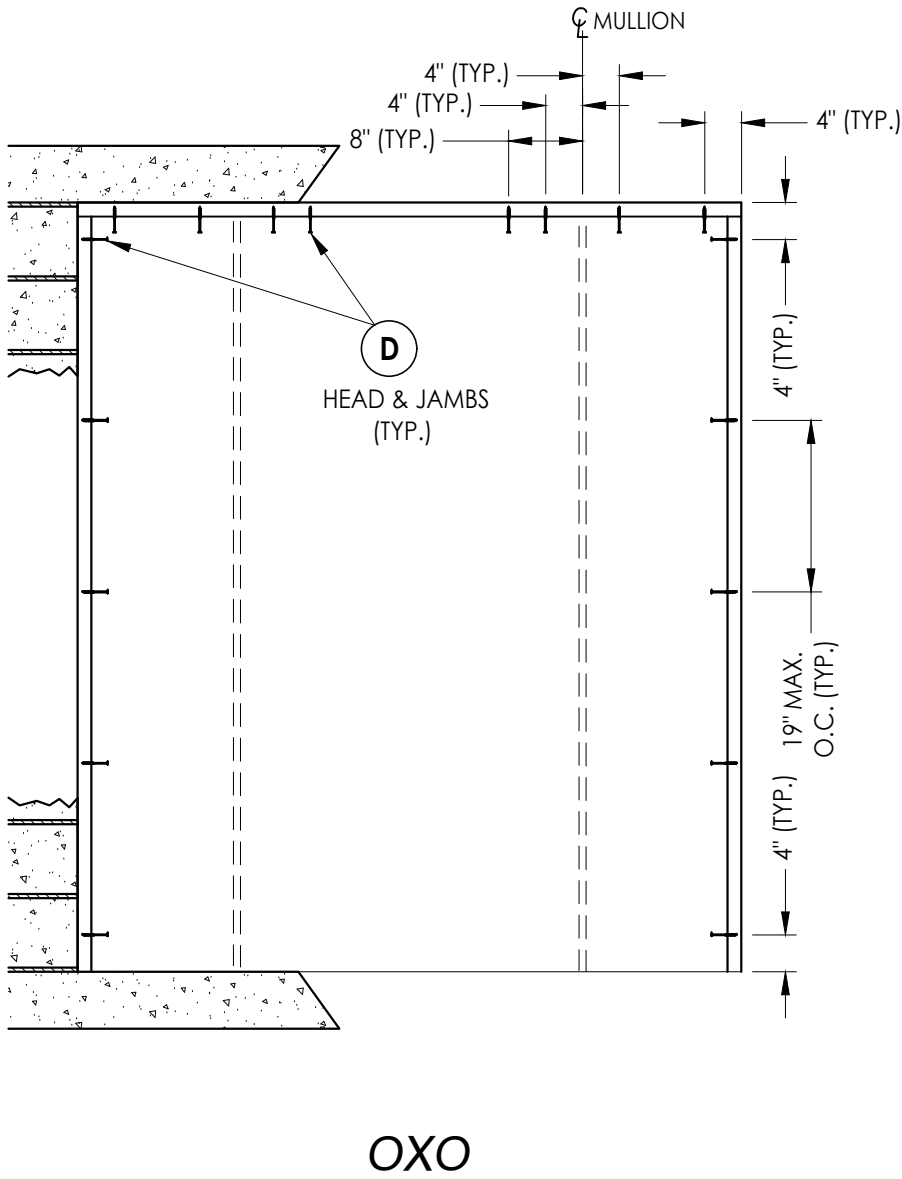
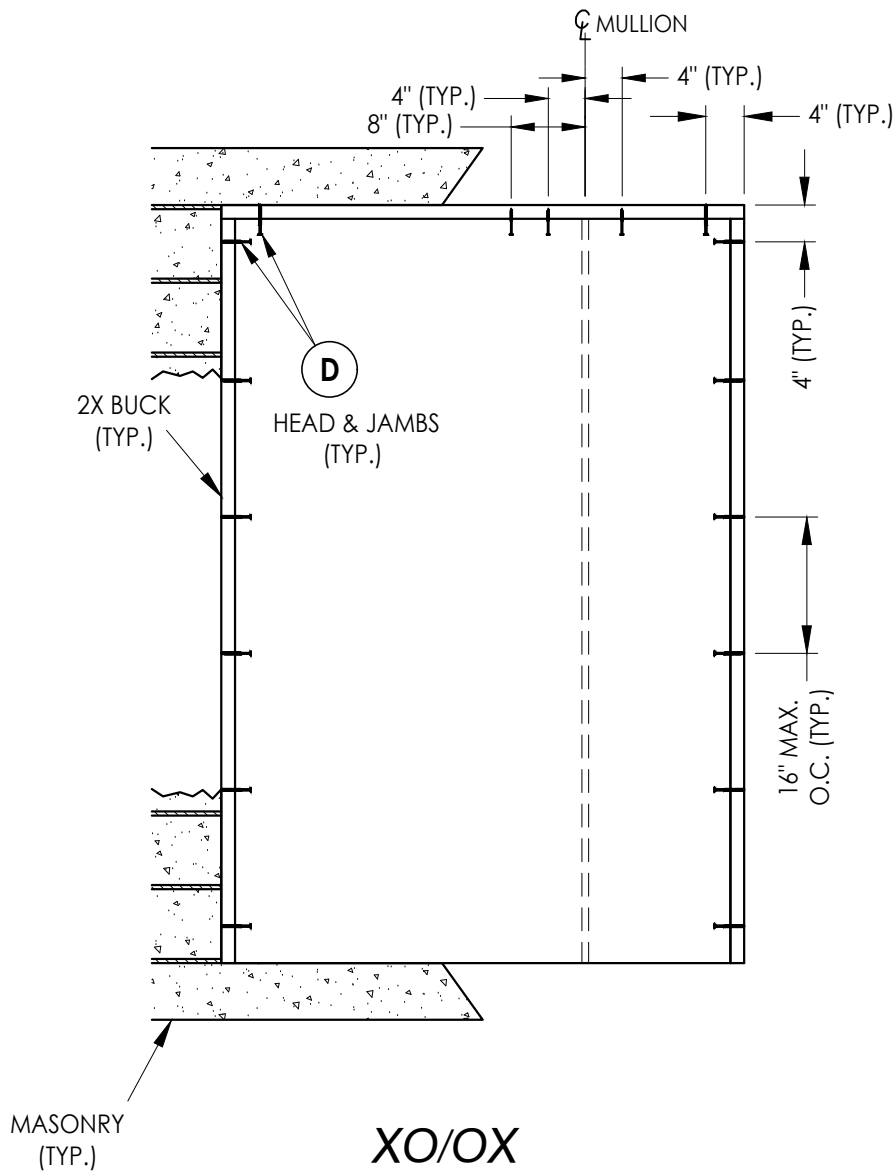
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-20800.2
SHEET 8 OF 12



2X BUCK ANCHORING

DATE: 8/10/16	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-20800.2	
SHEET	9 OF 12

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				
REVISIONS					

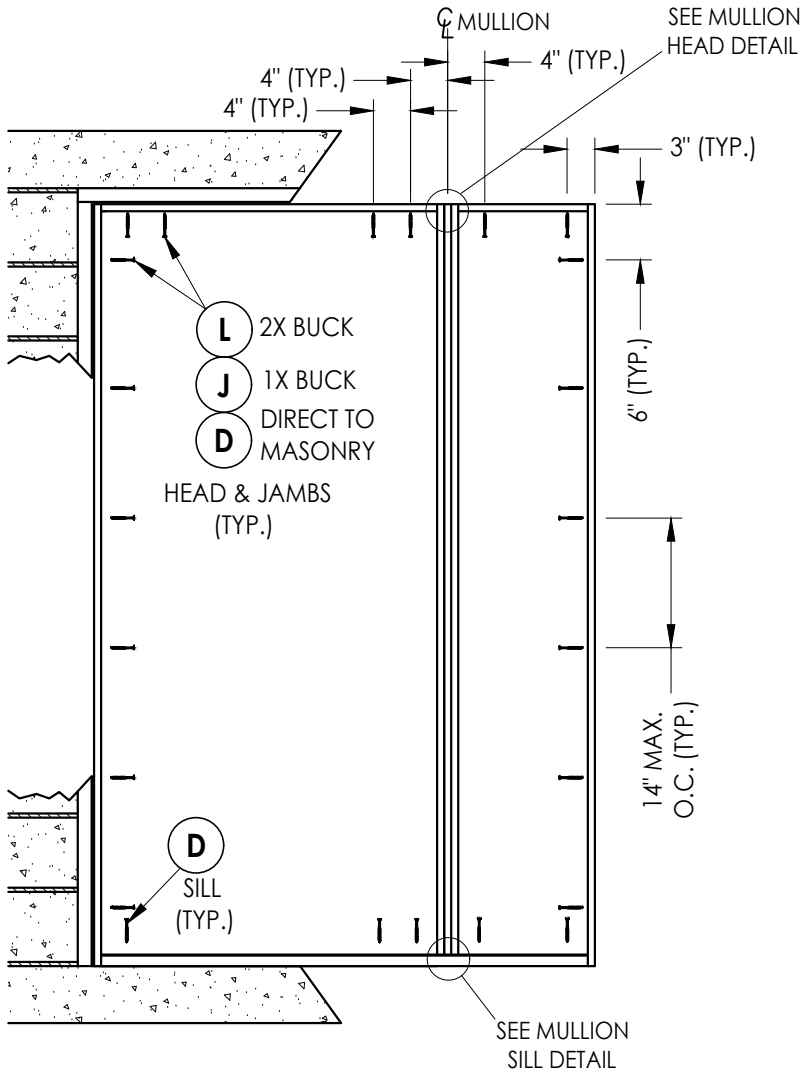
PRODUCT:	INTERNATIONAL WOOD TRADE WOOD DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

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

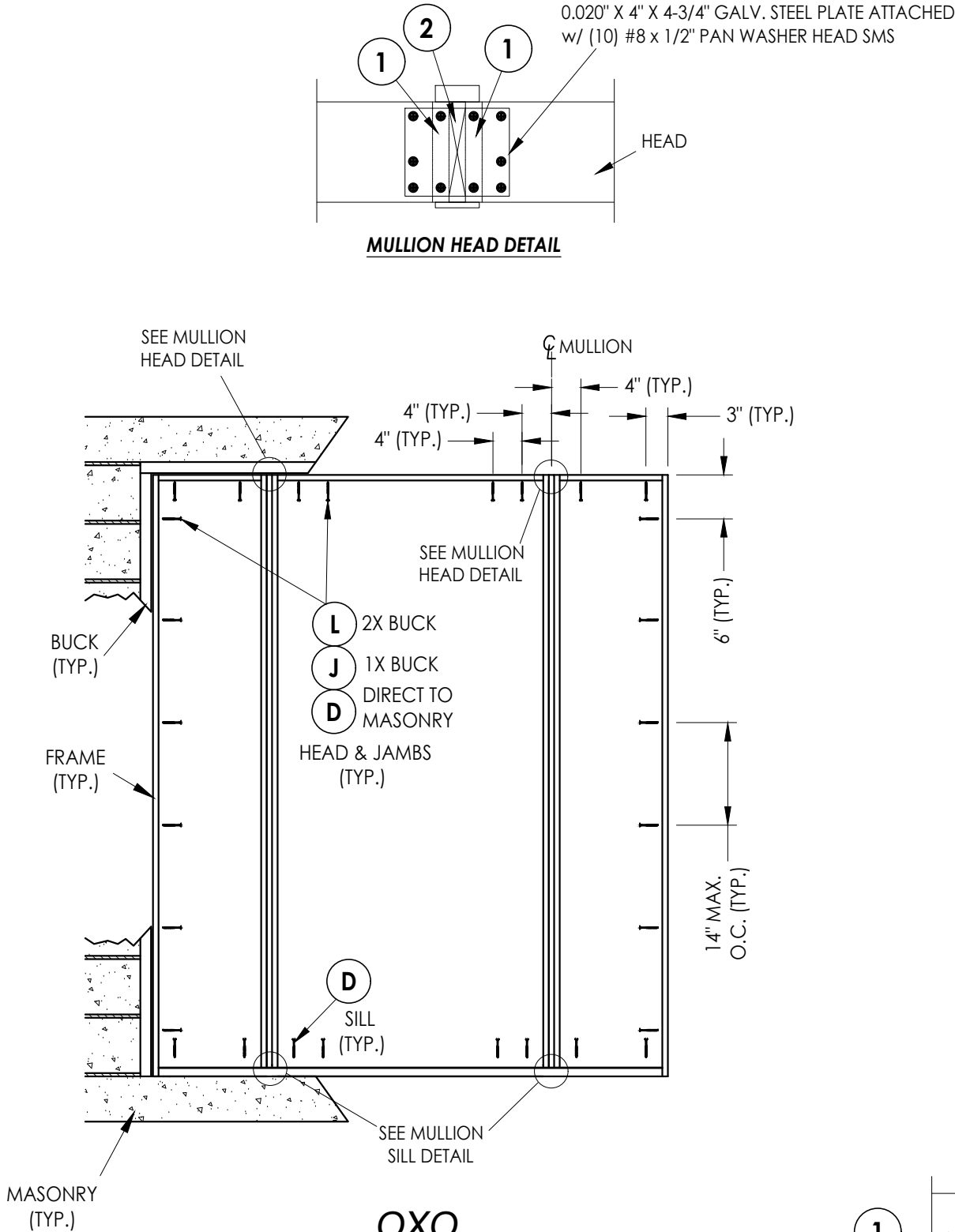
RW

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

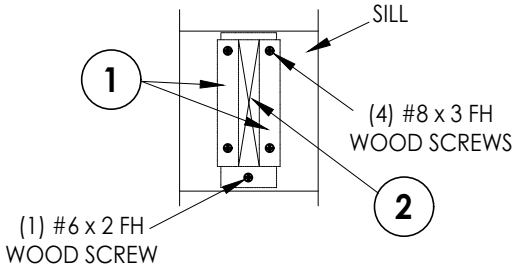
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XO/OX



OXO



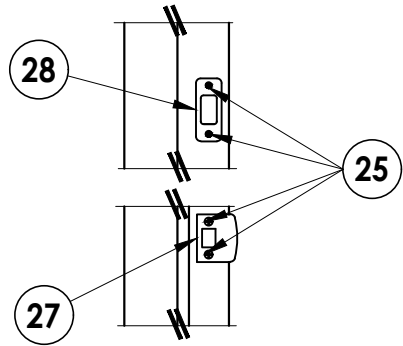
MULLION SILL DETAIL

FRAME ANCHORING

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

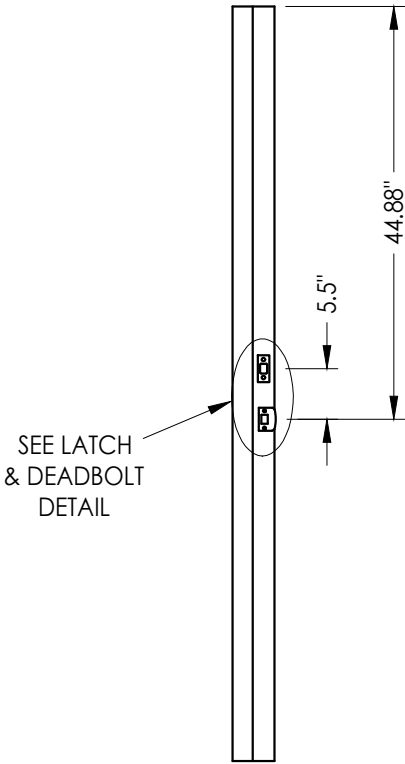
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY: FRAME ANCHORING					
				LFS	FBC	2023	8TH ED.
				LFS	FBC	2020	7TH ED.
				JK	FBC	2017	6TH ED.
				BY			
				REVISIONS			
				NO.	DATE		
DATE: 8/10/16							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-20800.2							
SHEET 10 OF 12							

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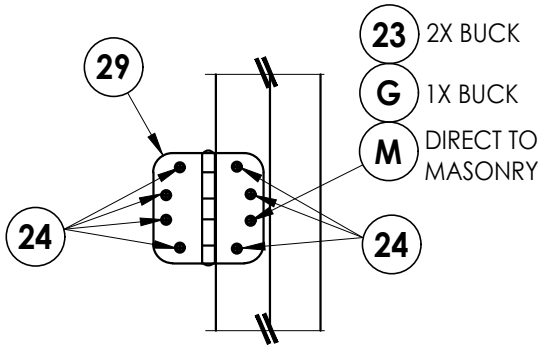


LATCH & DEADBOLT STRIKE DETAIL

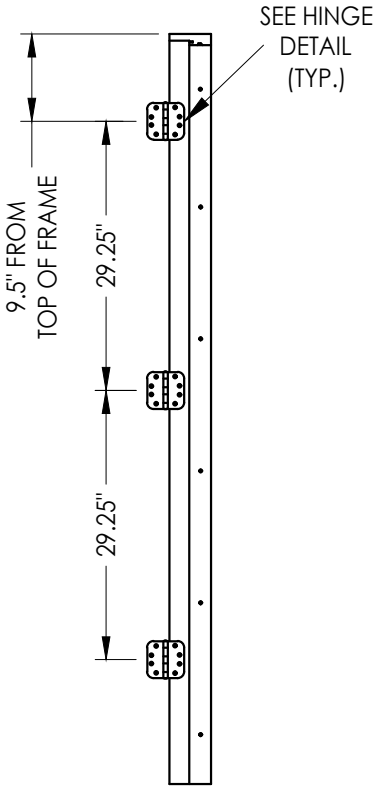
LATCH & DEADBOLT HARDWARE DETAILS



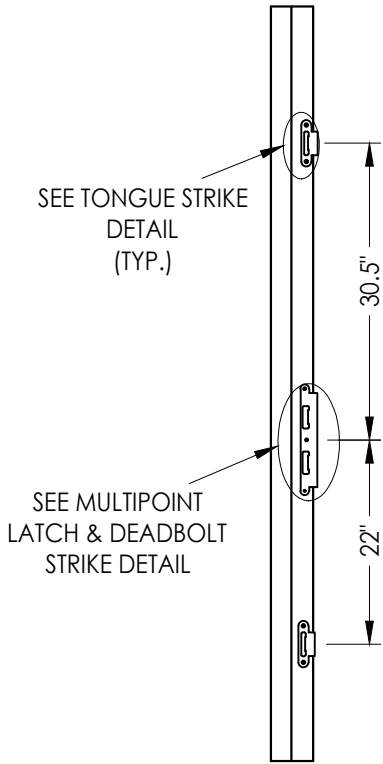
STRIKE JAMB
Latch and Deadbolt



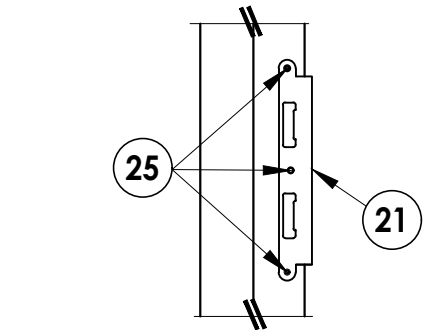
HINGE DETAIL



HINGE JAMB

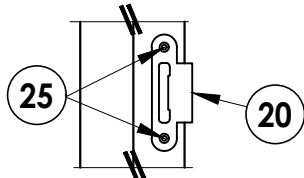


STRIKE JAMB
Multipoint Lock



MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL

MULTIPOINT LOCK HARDWARE DETAILS



TONGUE STRIKE DETAIL

DATE: 8/17/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20800.2

SHEET 11 OF 12

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 2-1/2" 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

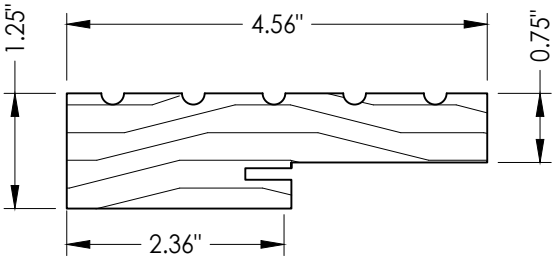
CONCRETE ANCHOR NOTES:

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:

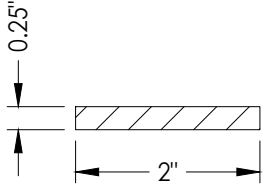
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

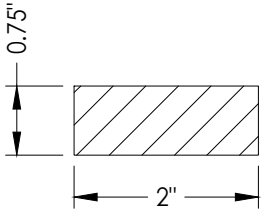
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



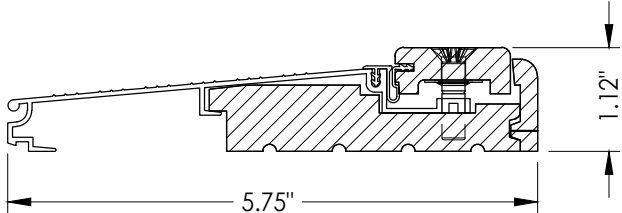
1 WOOD JAMB



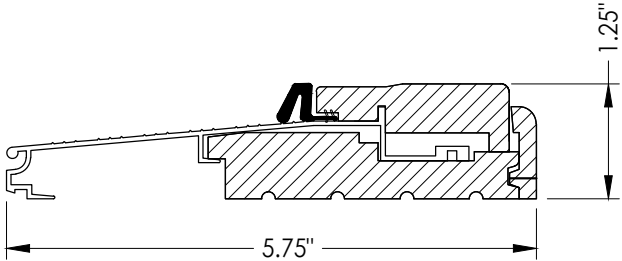
5 MILLION TRIM



6 MULLION TRIM



30 **INSWING ADJUSTABLE THRESHOLD**
Imperial 5Y



35 **OUTSWING BUMB THRESHOLD**
Imperial

DATE: 8/17/16		REVISIONS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20800.2			
SHEET 12	OF 12		
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
PRODUCT:		INTERNATIONAL WOOD TRADE WOOD DOOR	
PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS	
Documents Prepared By:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
Lyndon F. Schmidt P.E. No. 43409			