

IMPACT 360 SERIES

WOOD GLAZED OR OPAQUE

SINGLE DOOR w/ TRANSOM

w/ or w/out SIDELITE(S)

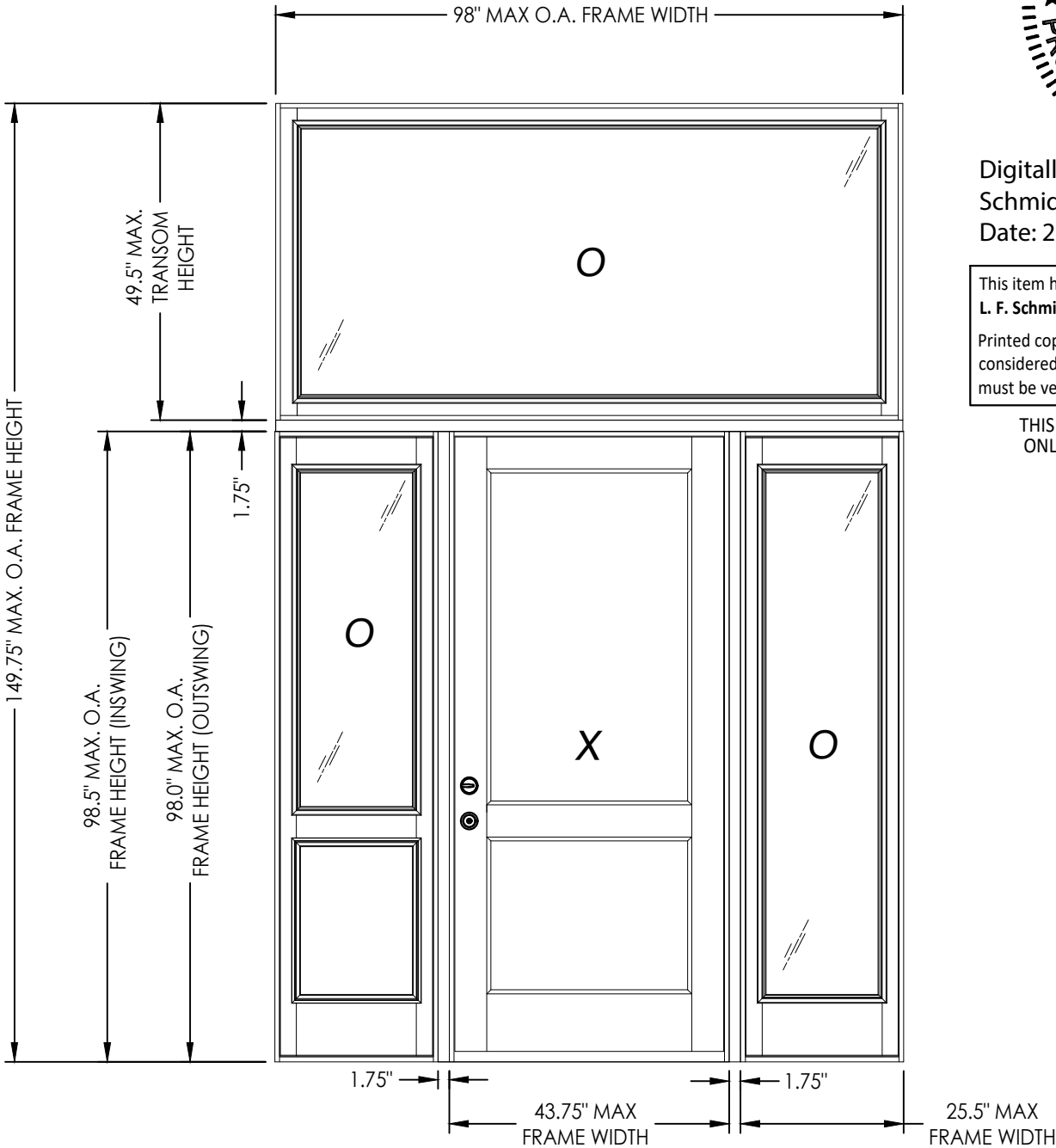
INSWING/OUTSWING

"IMPACT"

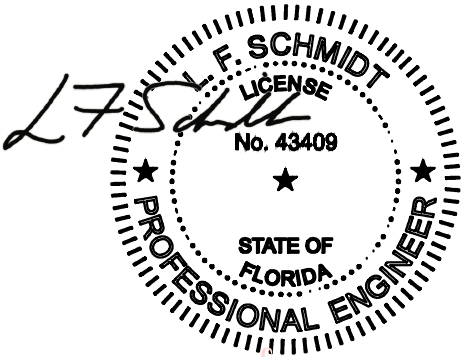
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
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	Transom Details
5	Elevations
6	Horizontal & Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Horizontal & Vertical Cross Sections
9	Vertical Cross Sections (Thresholds)
10	Buck & Frame Anchoring (O/X)
11	Buck & Frame Anchoring (O/OX)
12	Buck & Frame Anchoring (O/OXO)
13	Hardware Details
14	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
O X, OX, XO, OXO	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.27 12:01:31 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

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

MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

4
3
2
1

8/26/26
8/08/23
9/01/20
10/03/17

UPDATE TO 9TH ED. (2026)
UPDATE TO 8TH ED. (2023)
UPDATE TO 7TH ED. (2020)
UPDATE TO 6TH ED. (2017)

FBC
FBC
FBC
FBC

LFS
LFS
LFS
JK

DATE

NO.

BY

REVISIONS

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

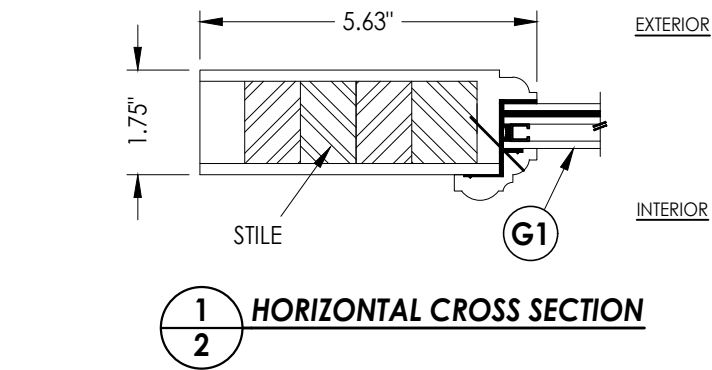
DRAWING NO.: FL-21891.3

SHEET 1 OF 14

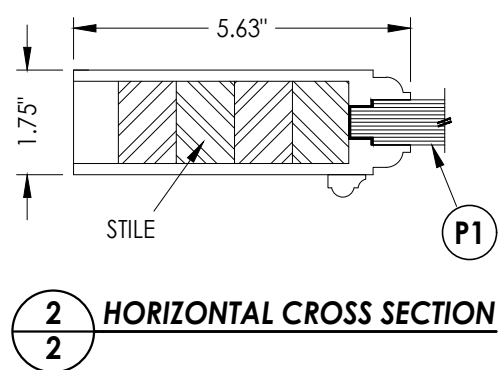
© 2017 R.W. BUILDING CONSULTANTS INC.

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

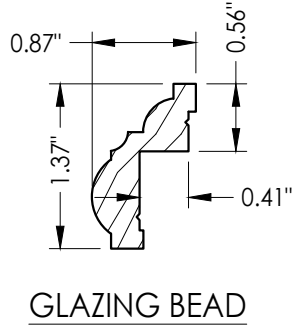
Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



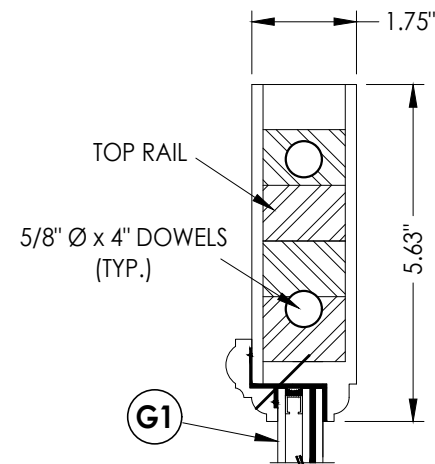
1 HORIZONTAL CROSS SECTION
2



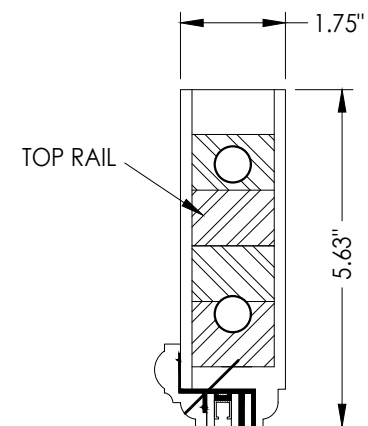
2 HORIZONTAL CROSS SECTION
2



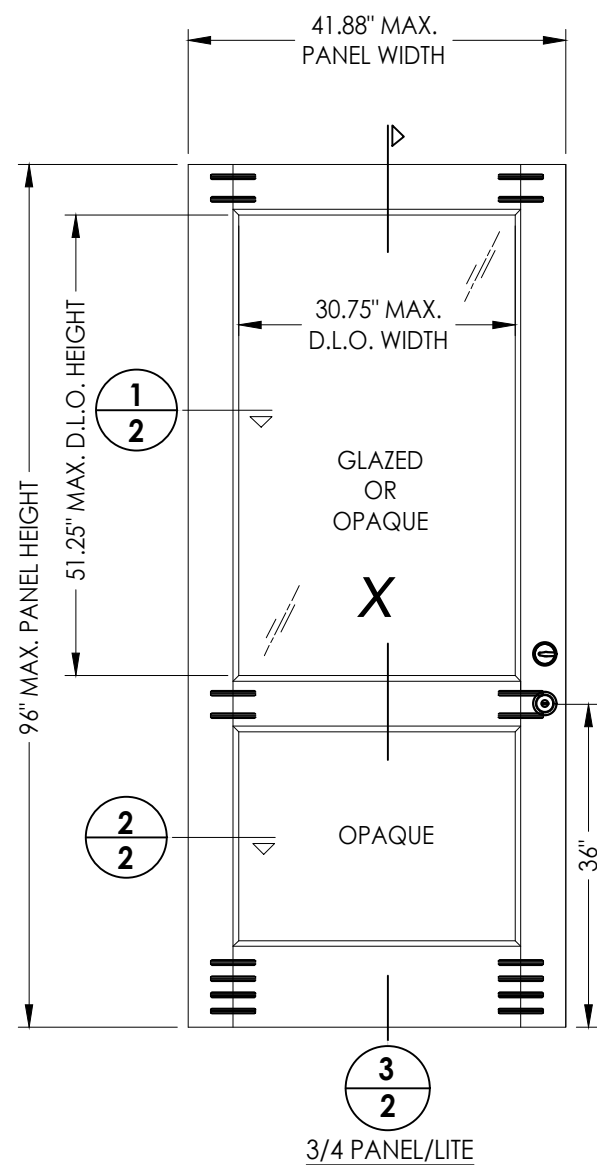
GLAZING BEAD



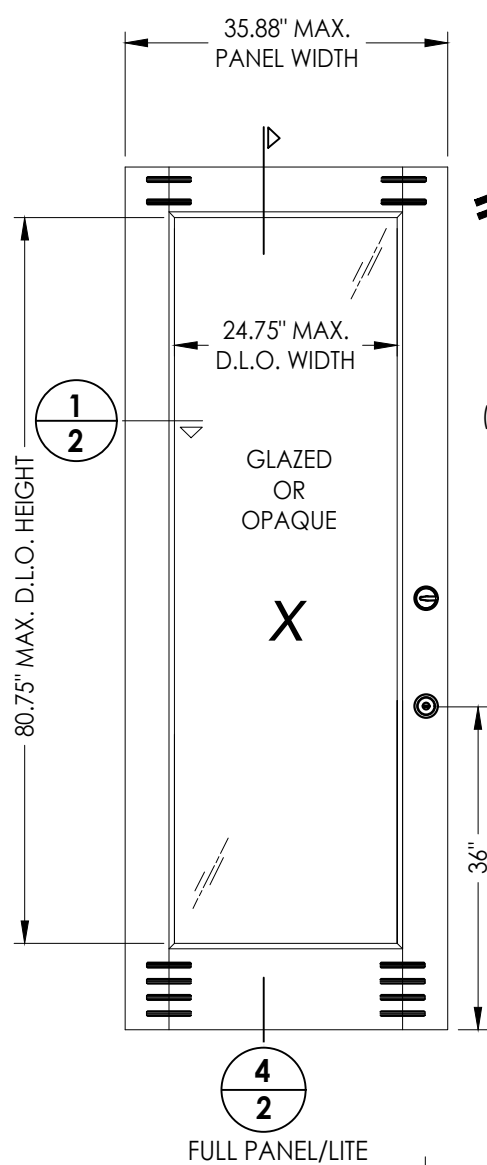
1



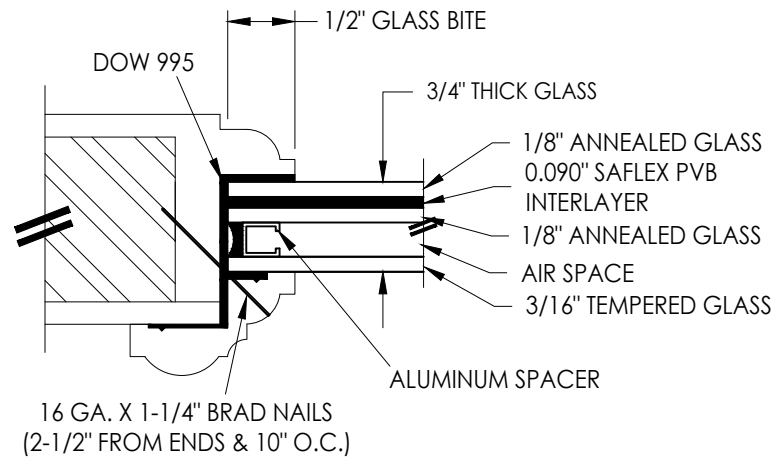
2



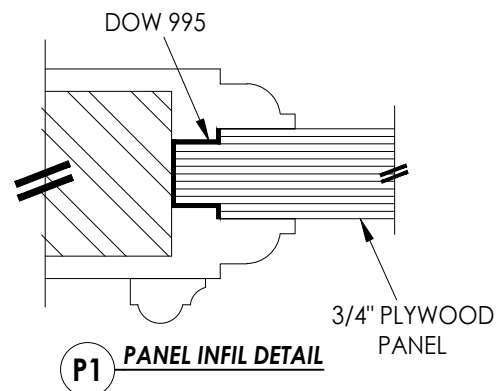
3/4 PANEL/LITE
2



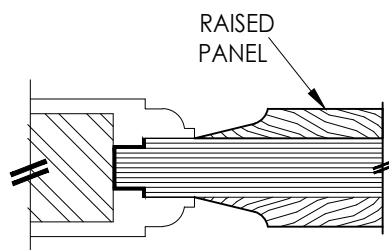
FULL PANEL/LITE
2



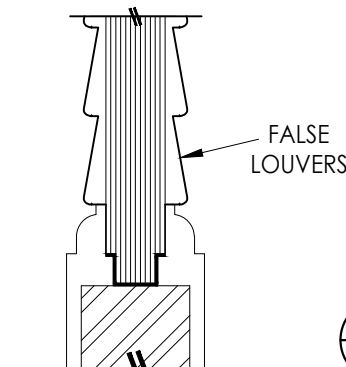
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



RAISED PANEL OPTION



FALSE LOUVER OPTION

3 VERTICAL CROSS SECTION
2

4 VERTICAL CROSS SECTION
2

WOOD DOOR COMPONENTS:
VENEER/EDGES: CYPRESS (G = 0.42)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

40 WOOD DOOR PANEL
Glazed or Opaque

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

PRODUCT: MILLWORK 360
WOOD DOOR

		REVISIONS	
NO.	DATE	BY	JK
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

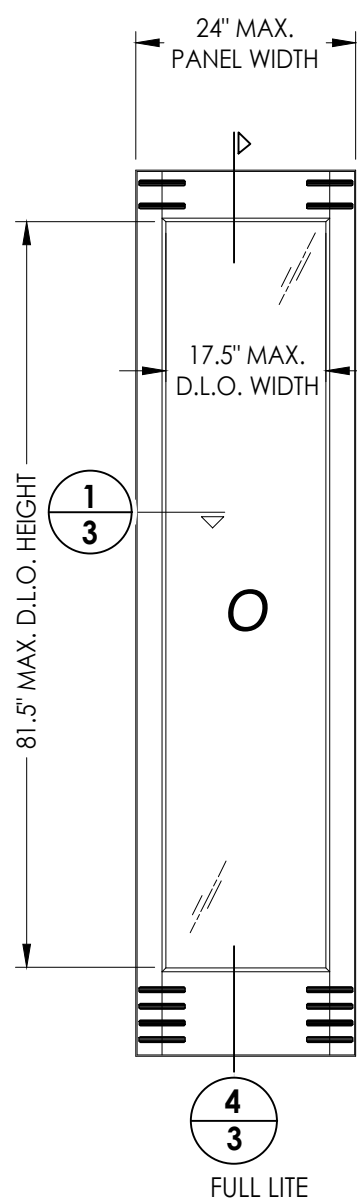
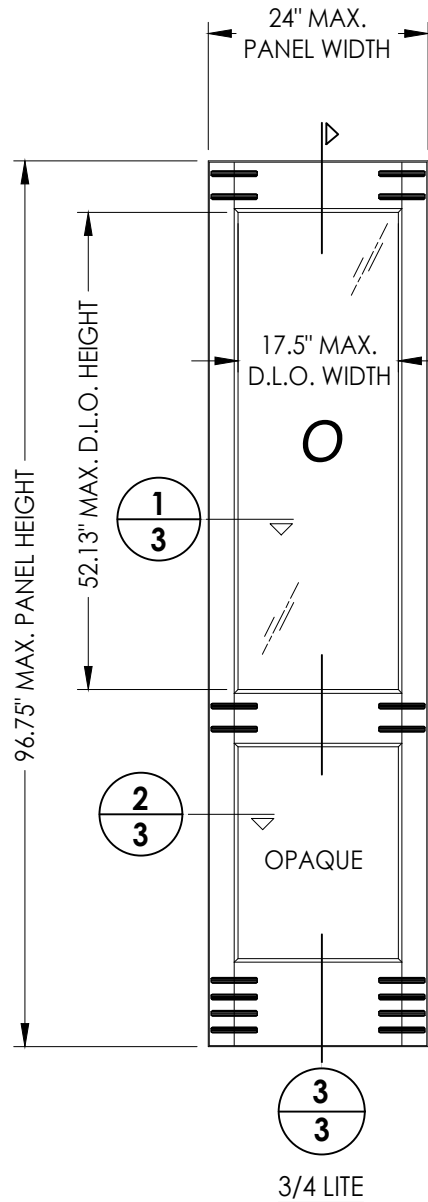
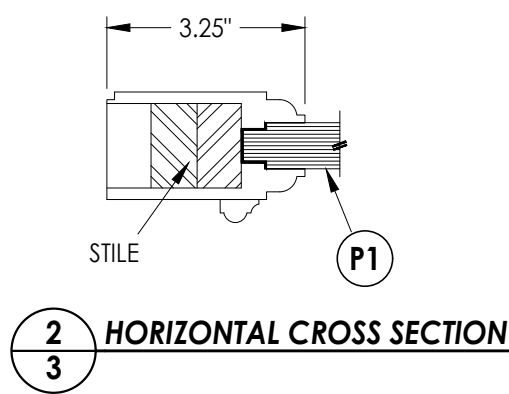
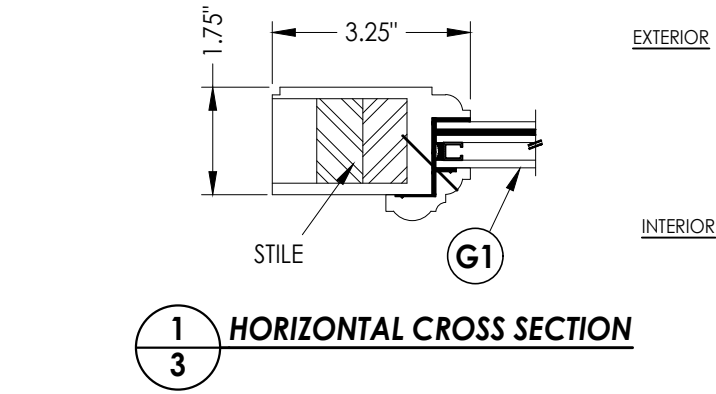
CHK. BY: LFS

DRAWING NO.: FL-21891.3

SHEET 2 OF 14

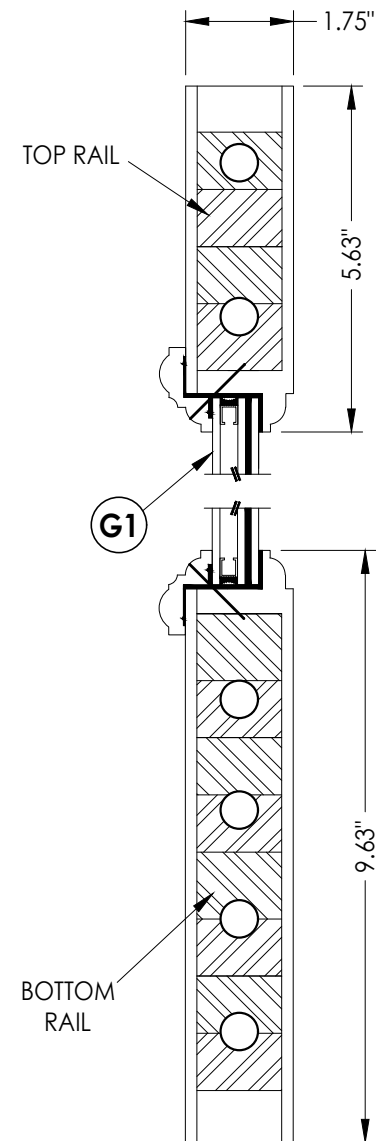
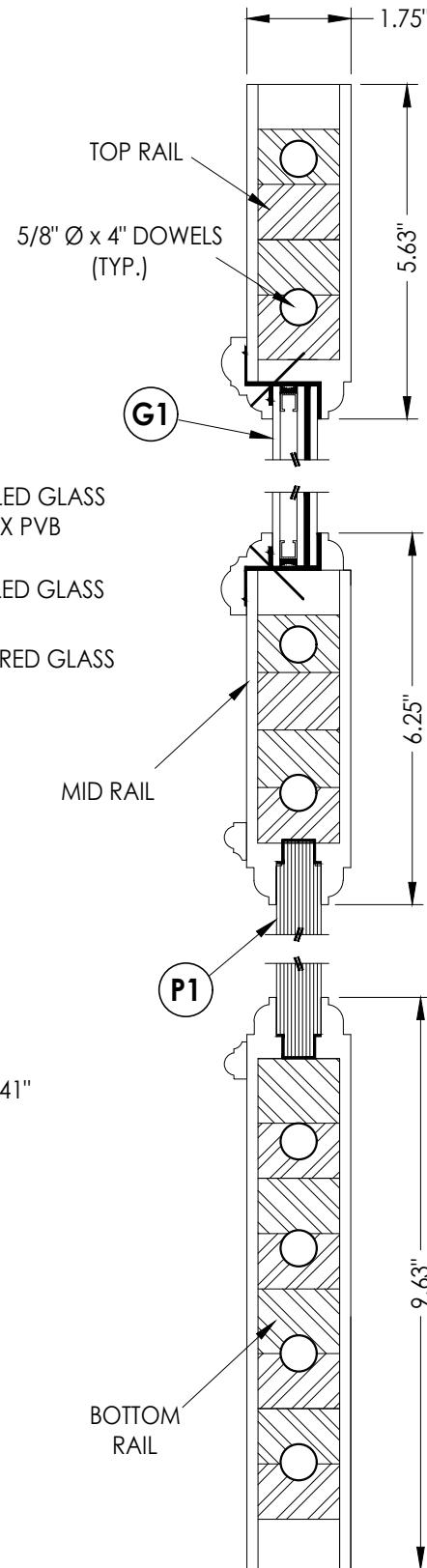
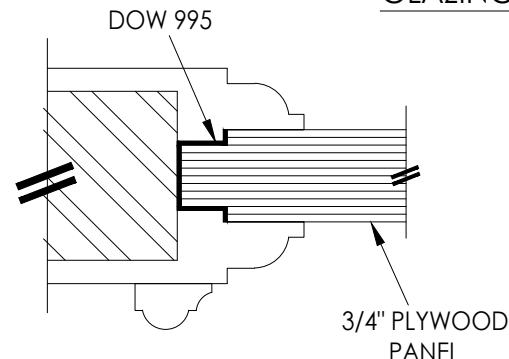
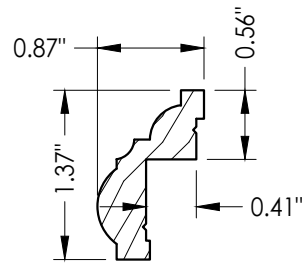
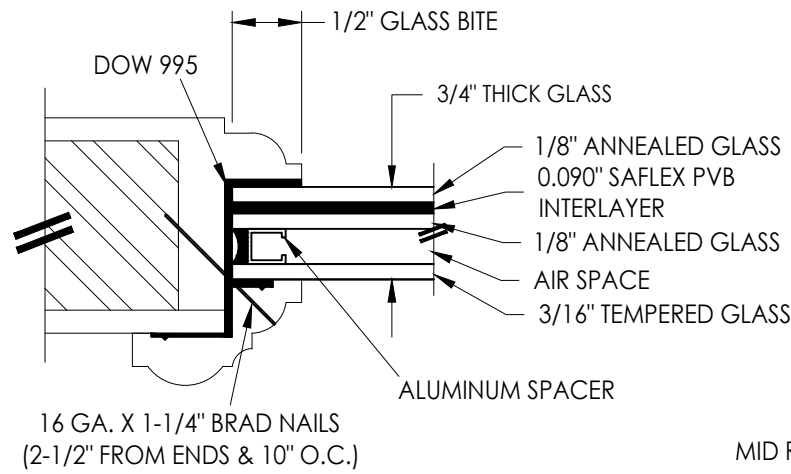
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



50 **WOOD SIDELITE PANEL**

WOOD SIDELITE COMPONENTS:
VENEER/EDGES: CYPRESS (G = 0.42)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)



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

PRODUCT:
MILLWORK 360
WOOD DOOR

RW BUILDING CONSULTANTS, INC.

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

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

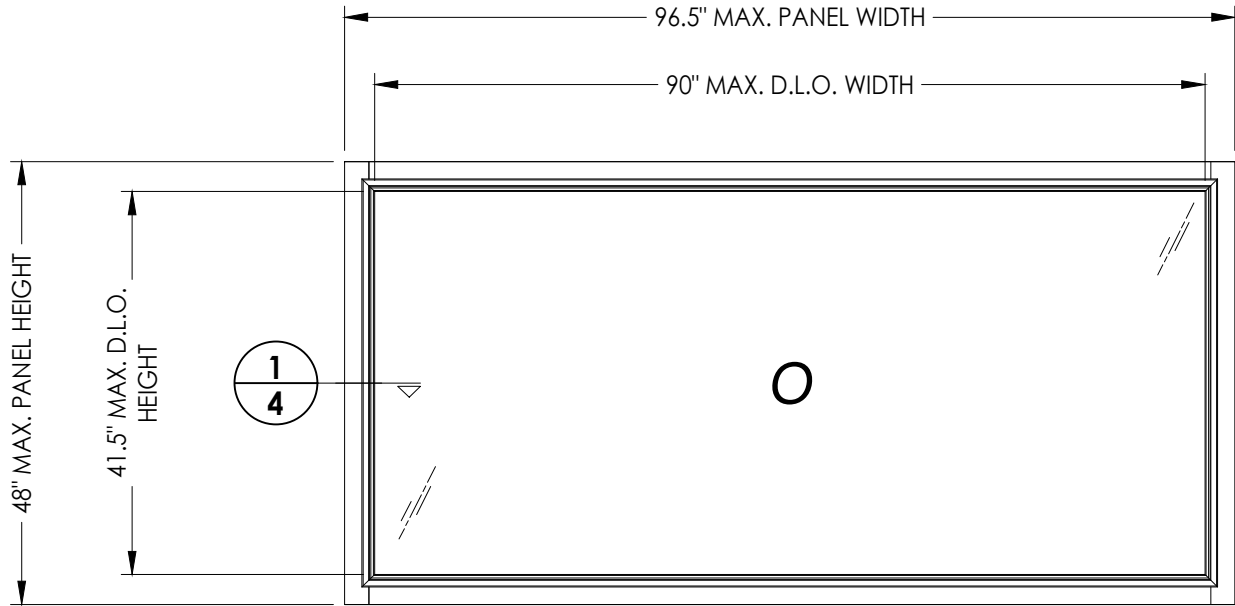
CHK. BY: LFS

DRAWING NO.: FL-21891.3

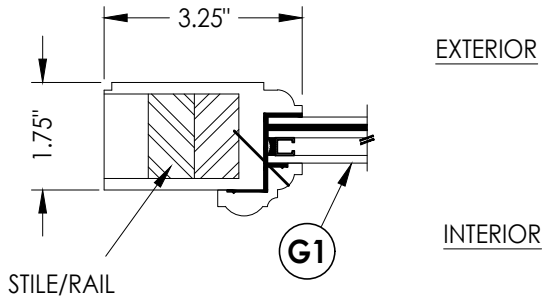
SHEET 3 OF 14

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg

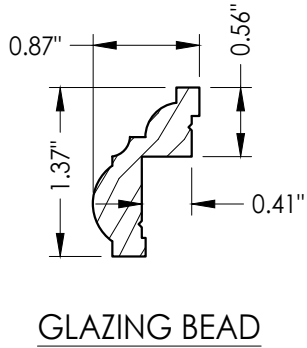
WOOD TRANSOM COMPONENTS:
VENEER/EDGES: CYPRESS (G = 0.42)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)



70 WOOD TRANSOM PANEL

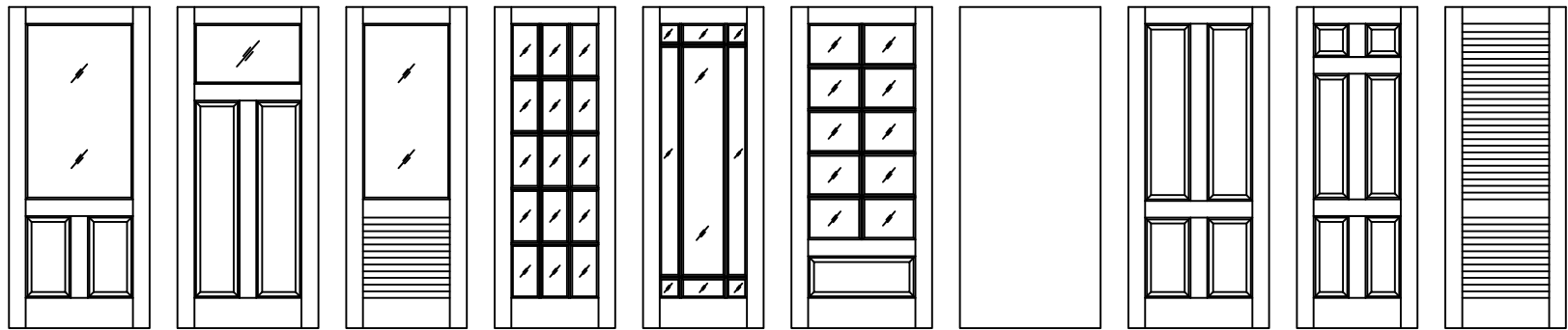
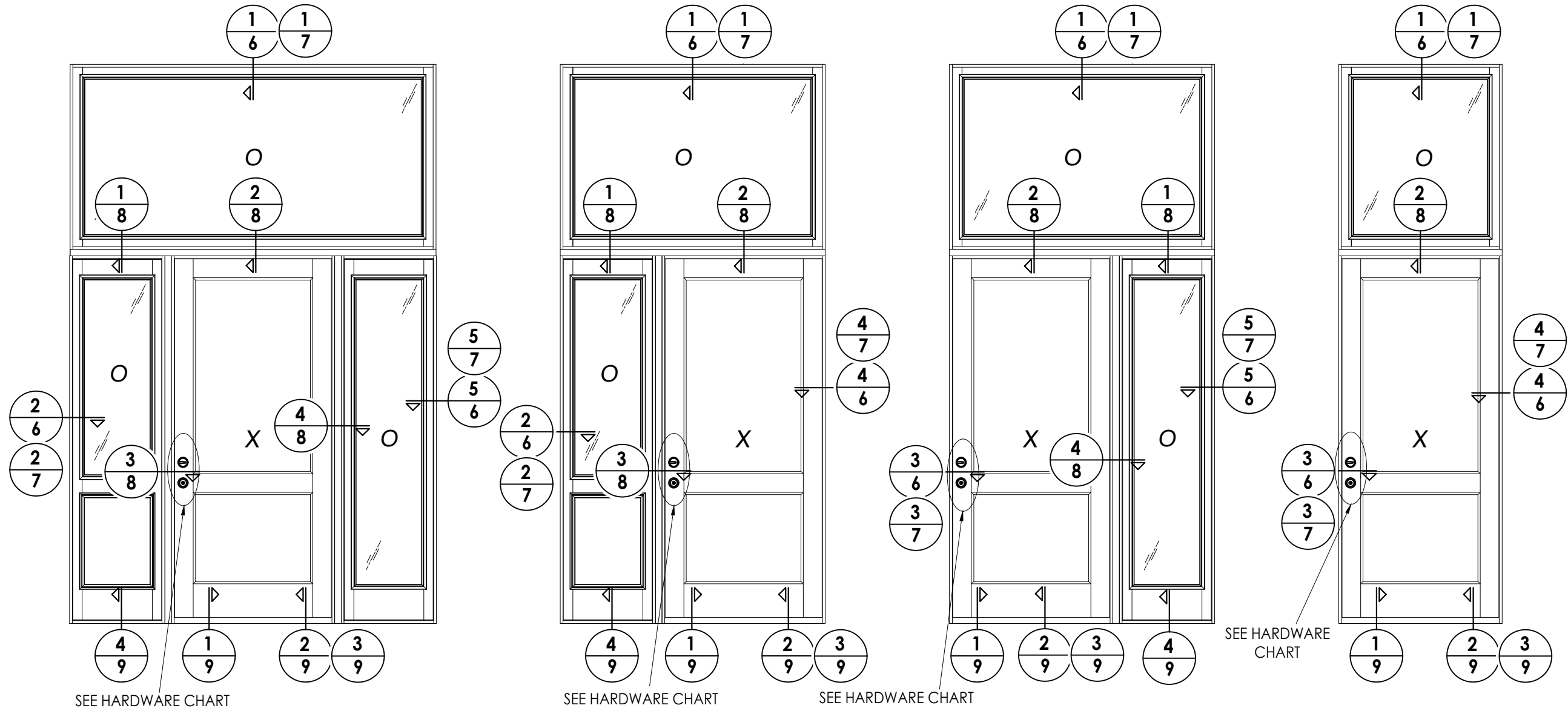


1 4 HORIZONTAL CROSS SECTION



DATE: 2/14/17				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				PRODUCT: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: TRANSOM DETAILS	
DWG. BY: JK							
CHK. BY: LFS				RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DRAWING NO.: FL-21891.3							
SHEET 4 OF 14							

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



Millwork 360 Door Panel Options

Panel options shown are for illustration and are representative only.
Surface applied muntins are used for simulated divided lites shown.

HARDWARE TABLE	
MANUFACTURER	MODEL
EMTEK	Mortise: 3545 Entry Set
SCHLAGE	Knob: F51 Deadbolt: B60N
KWIKSET	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (980)

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

MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
ELEVATIONS

4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21891.3

SHEET 5 OF 14

RW

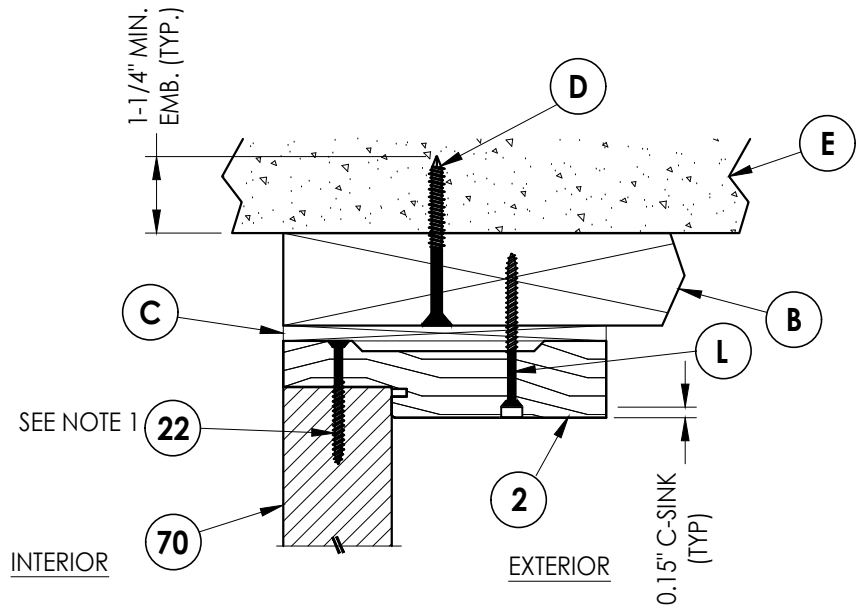
BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

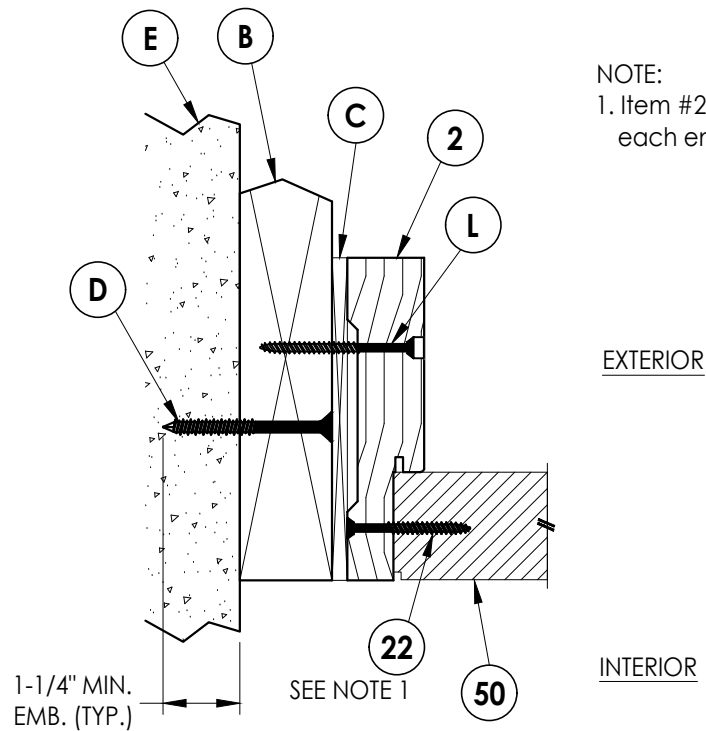
Phone No.: 813.659.9197

FBPE Registry No. 9813

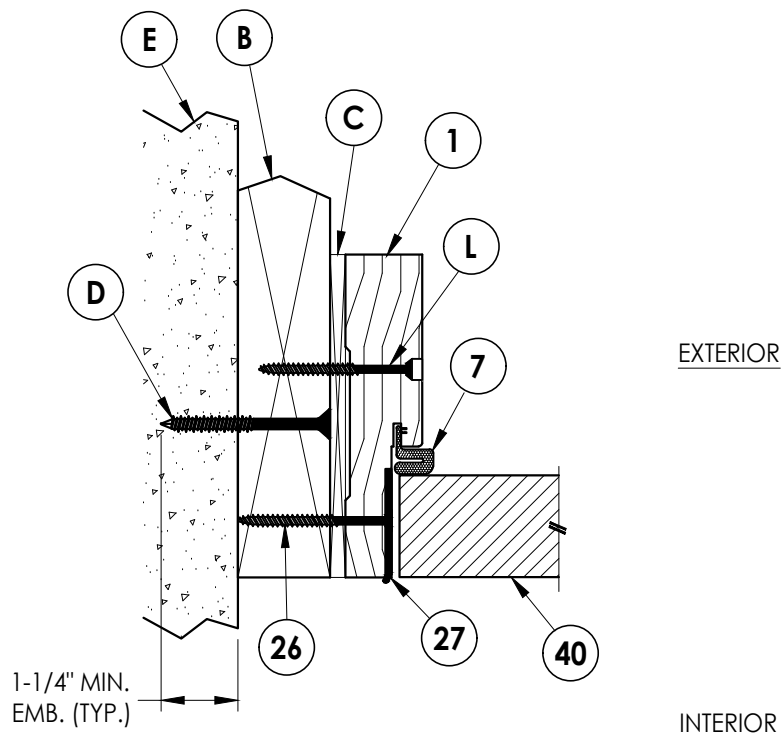
Z:\2023 FBC Drawings\Millwork\360\FL-21891 R5\FL-21891.1-3.dwg



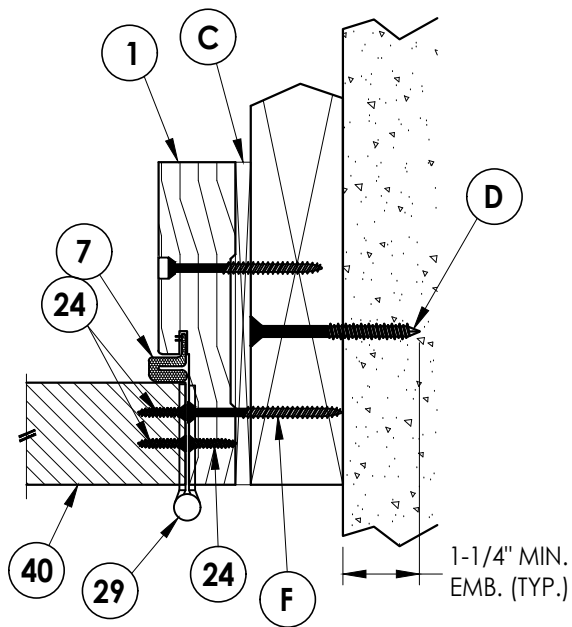
1
6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



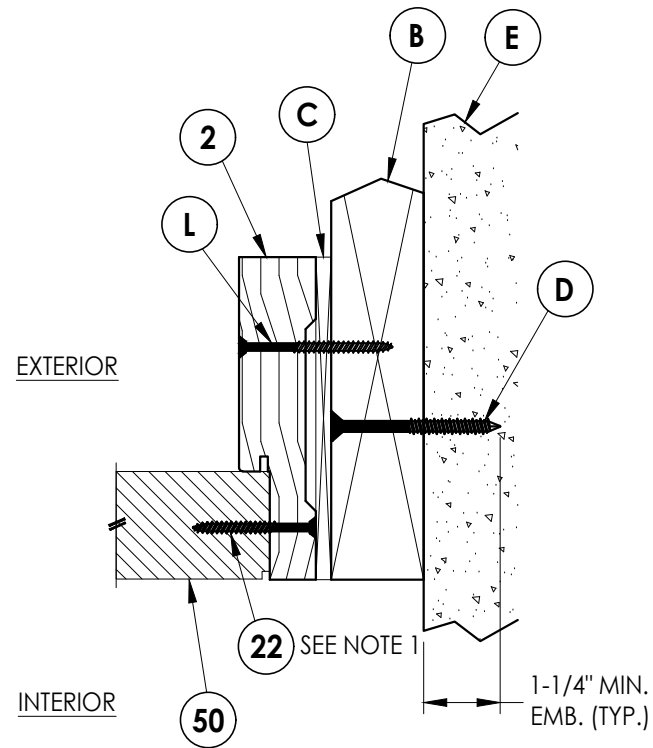
2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



3
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



4
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



5
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)

NOTE:
1. Item #22 located 4" from
each end then 7 more (9 total).

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:
MILLWORK 360
WOOD DOOR

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

NO.	DATE	REVISIONS
4	8/26/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/03/17	UPDATE TO 6TH ED. (2017) FBC JK
		BY

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

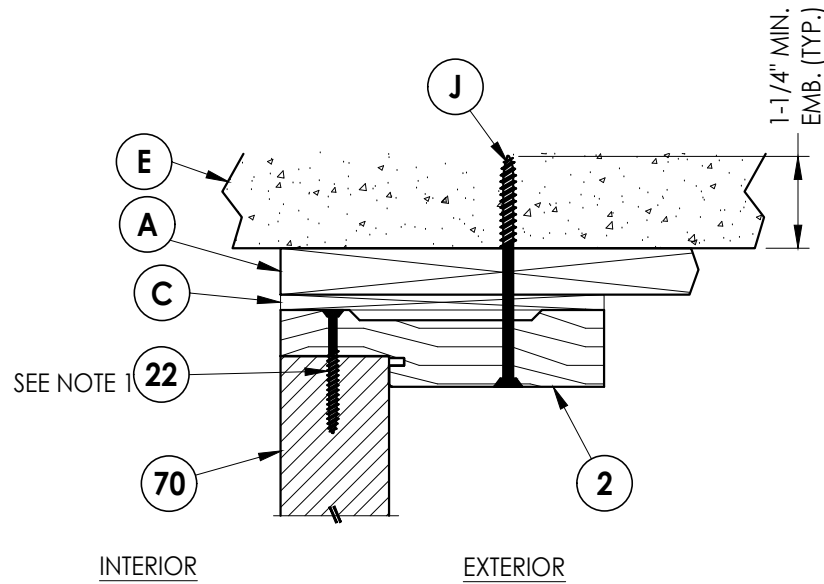
CHK. BY: LFS

DRAWING NO.:

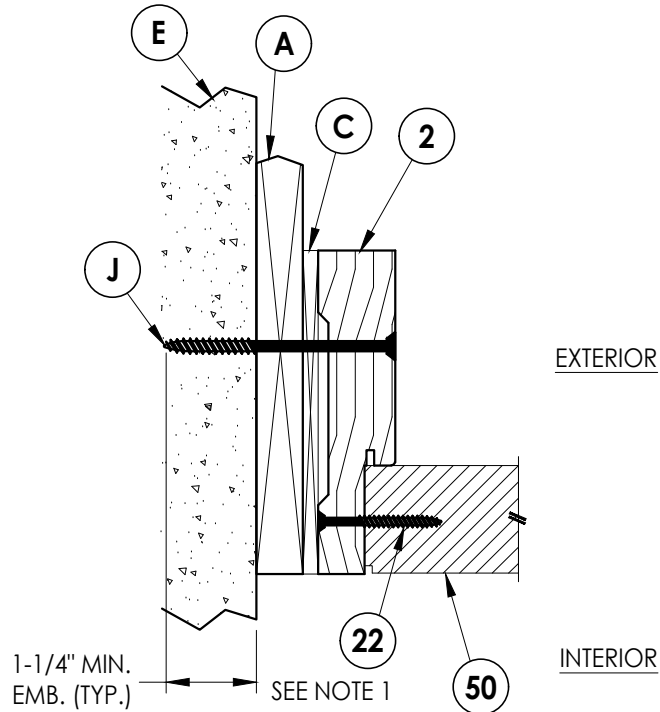
FL-21891.3

SHEET 6 OF 14

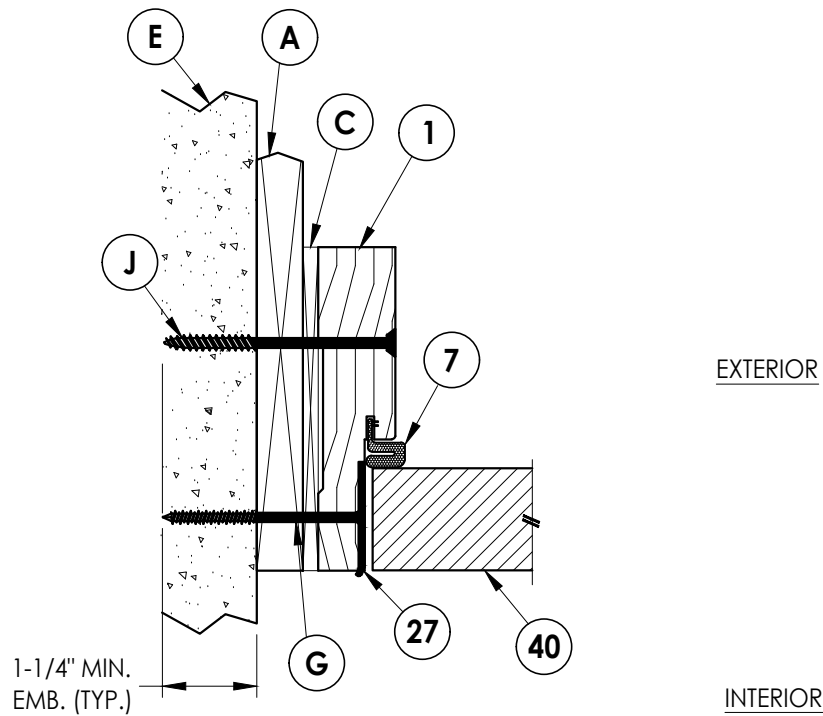
Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



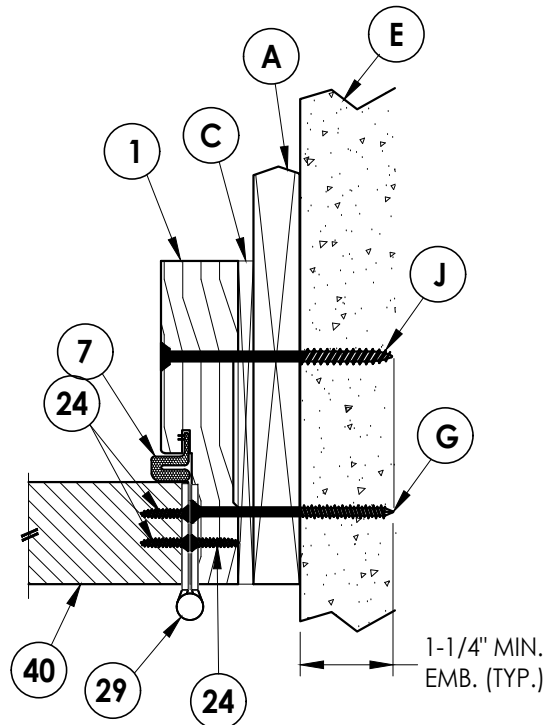
1
7 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



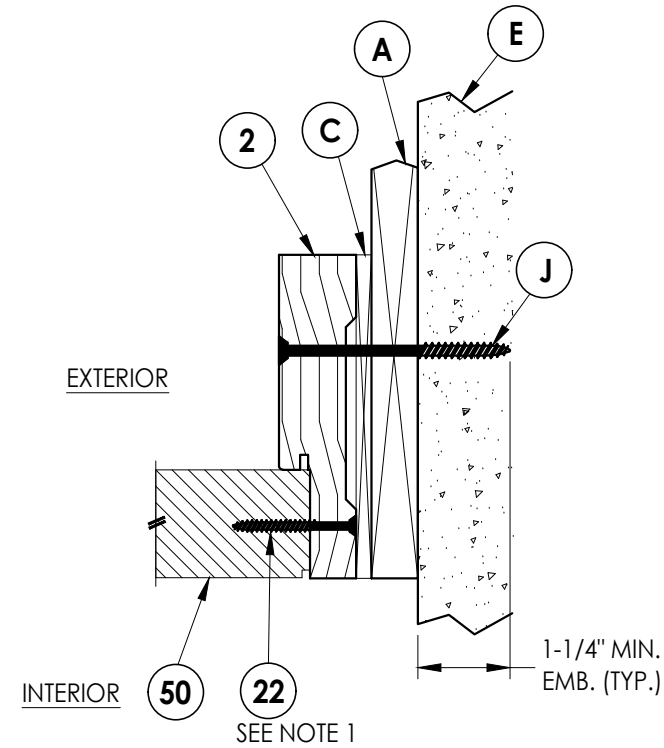
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



4
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



5
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)

NOTE:
1. Item #22 located 4" from
each end then 7 more (9 total).
2. Item #22 located 6" from
each end (2 total).

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: **MILLWORK 360
WOOD DOOR**

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)**

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
4	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	9/01/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	10/03/17	UPDATE TO 6TH ED.	(2017)	FBC	JK

DATE: 2/14/17

SCALE: N.T.S.

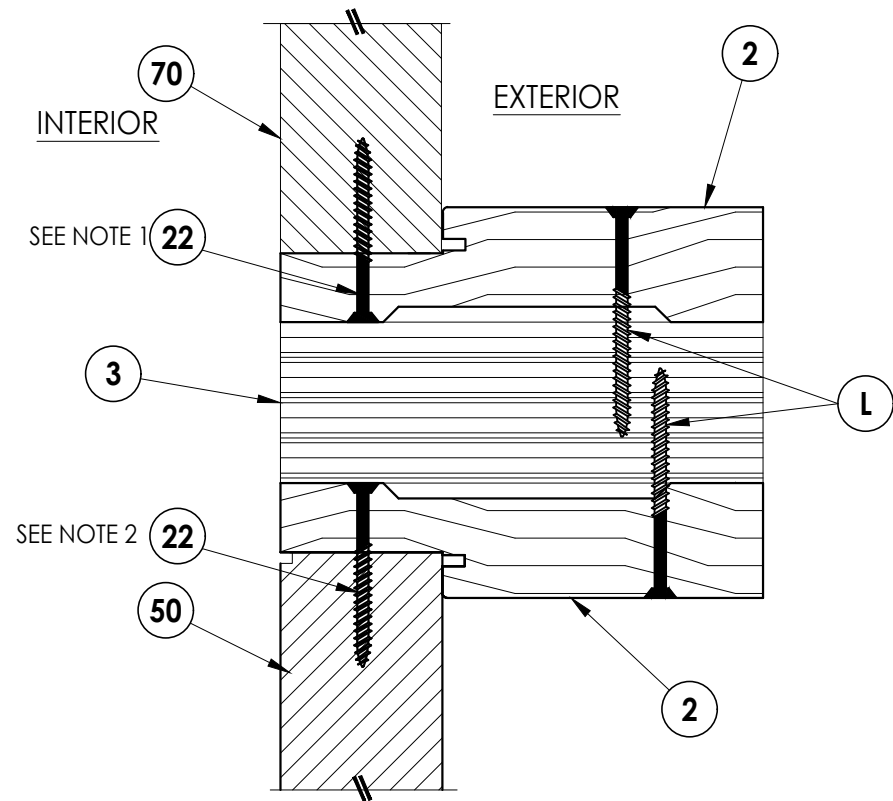
DWG. BY: JK

CHK. BY: LFS

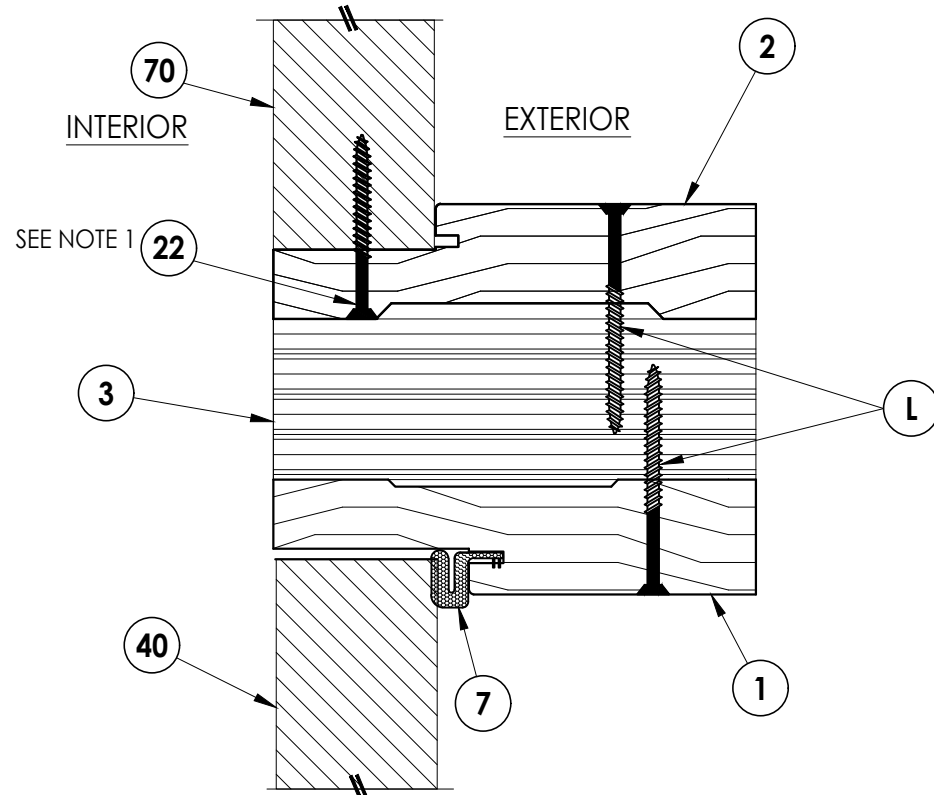
DRAWING NO.: FL-21891.3

SHEET 7 OF 14

Z:\2023 FBC Drawings\Millwork\360\FL-21891 R5\FL-21891.1-3.dwg

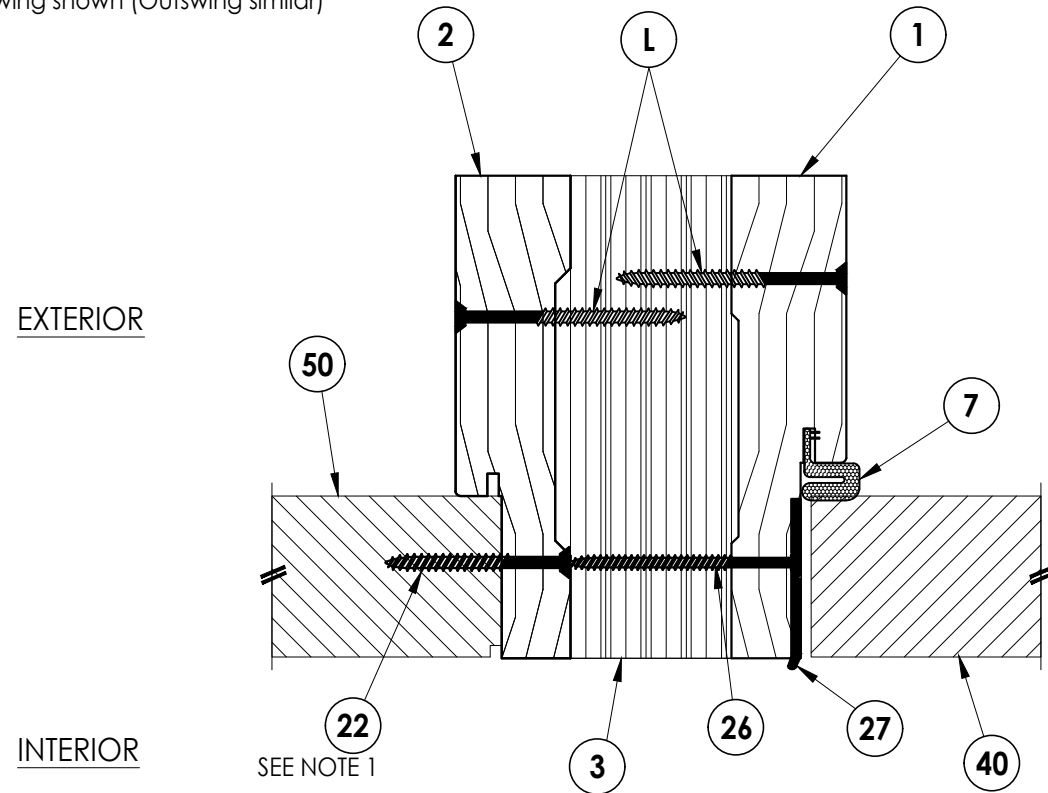


1 VERTICAL CROSS SECTION
8 Inswing shown (Outswing similar)

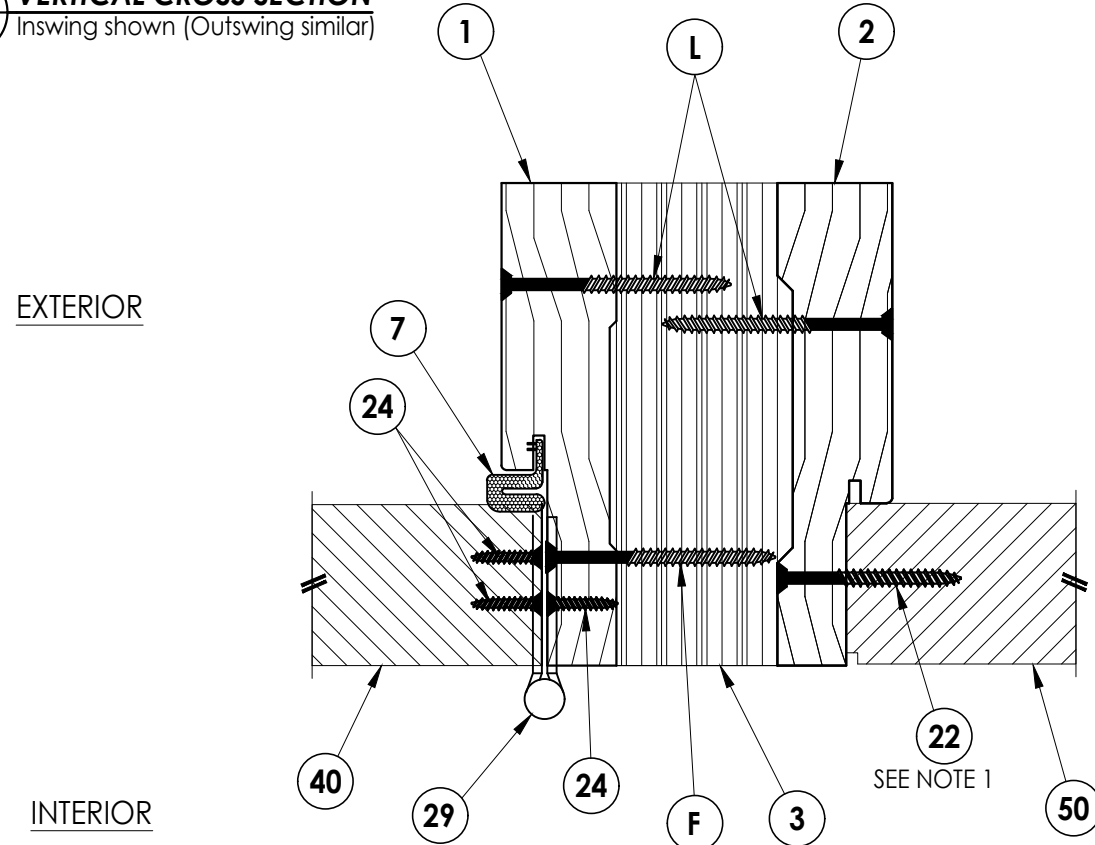


2 VERTICAL CROSS SECTION
8 Inswing shown (Outswing similar)

NOTE:
1. Item #22 located 4" from each end then 7 more (9 total).
2. Item #22 located 6" from each end (2 total).



3 HORIZONTAL CROSS SECTION
8 Inswing shown (Outswing similar)



4 HORIZONTAL CROSS SECTION
8 Inswing shown (Outswing similar)

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

PRODUCT: MILLWORK 360
WOOD DOOR

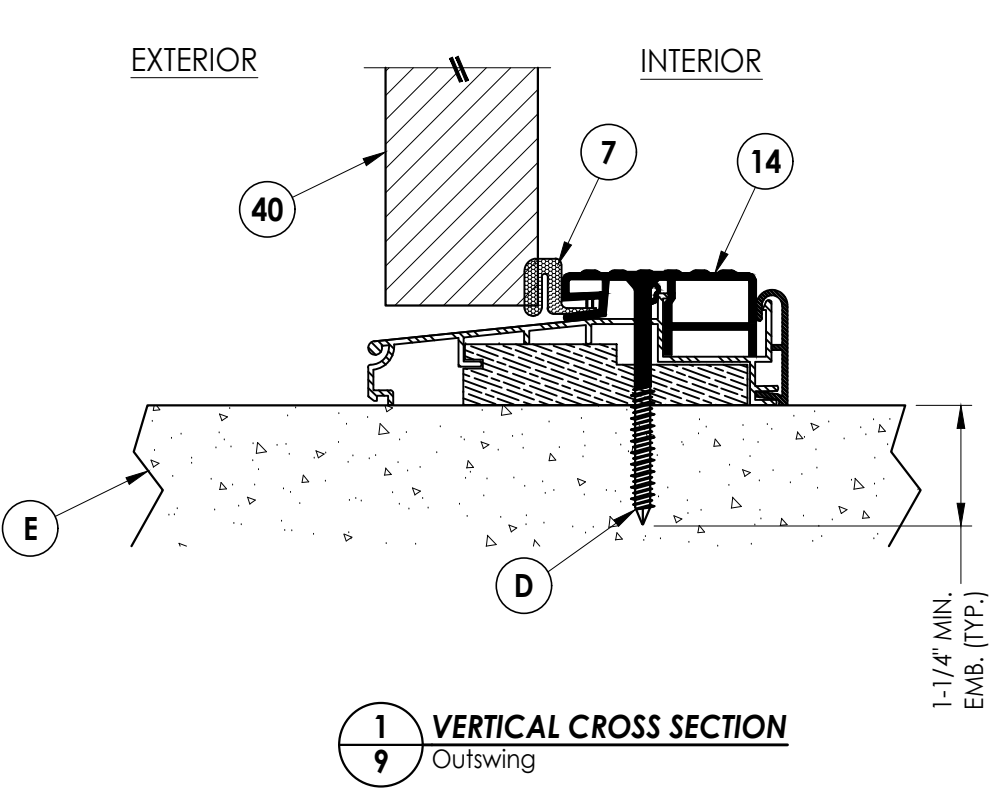
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS				
		DATE	BY	CHK.	APP.	DESCRIPTION
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK		

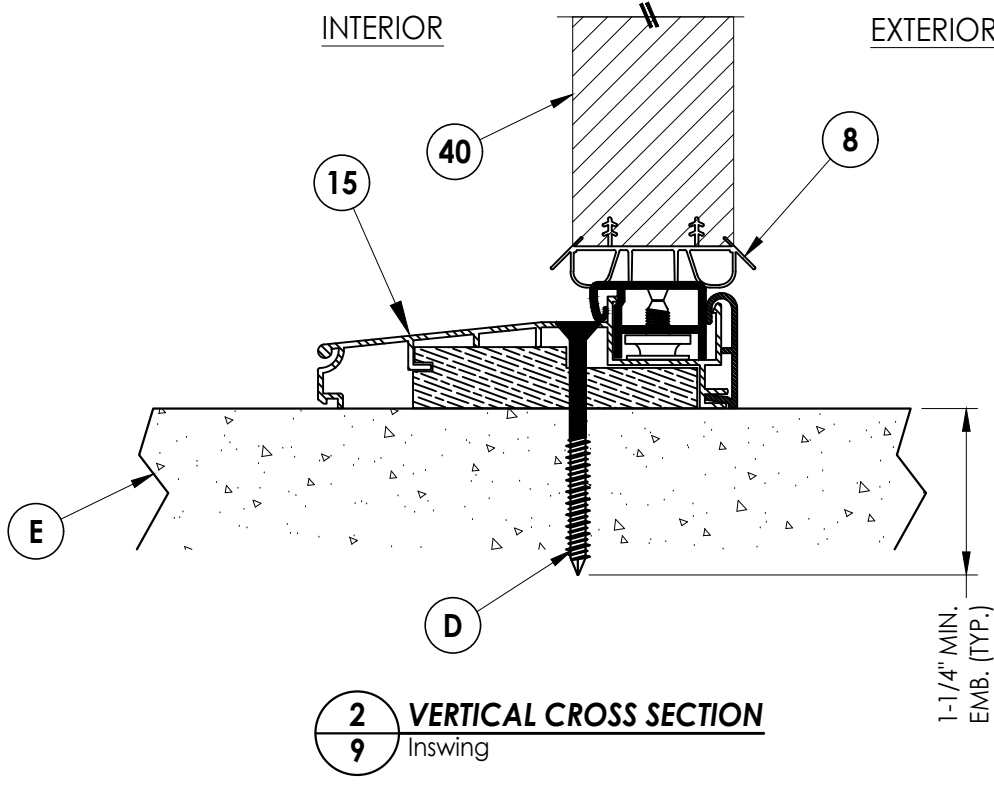
DATE: 2/14/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.3
SHEET 8 OF 14

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg

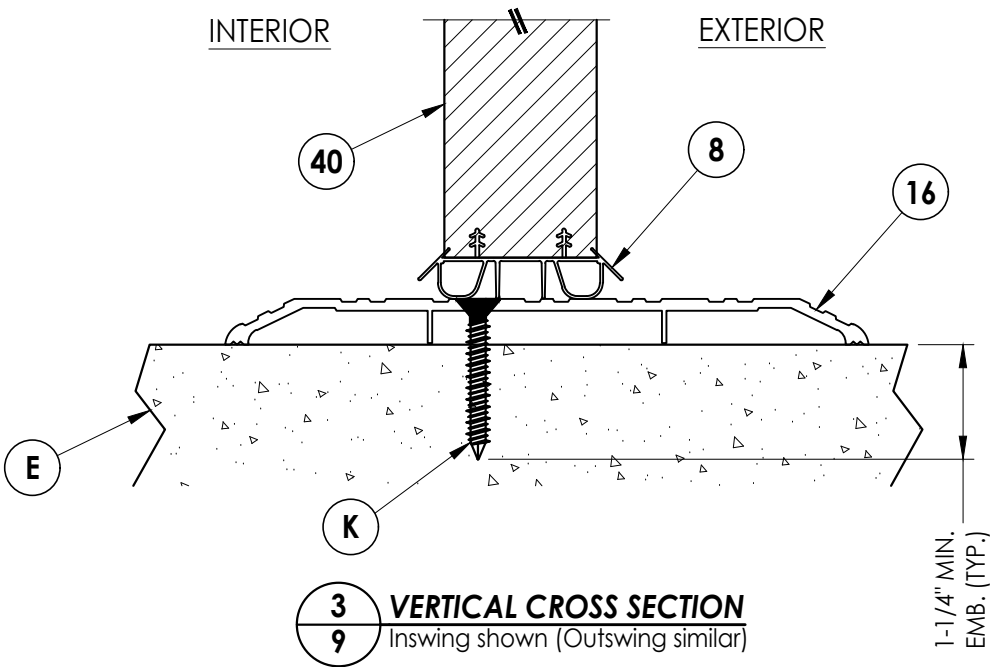
NOTE:
1. Item #22 located 6" from
each end (2 total).



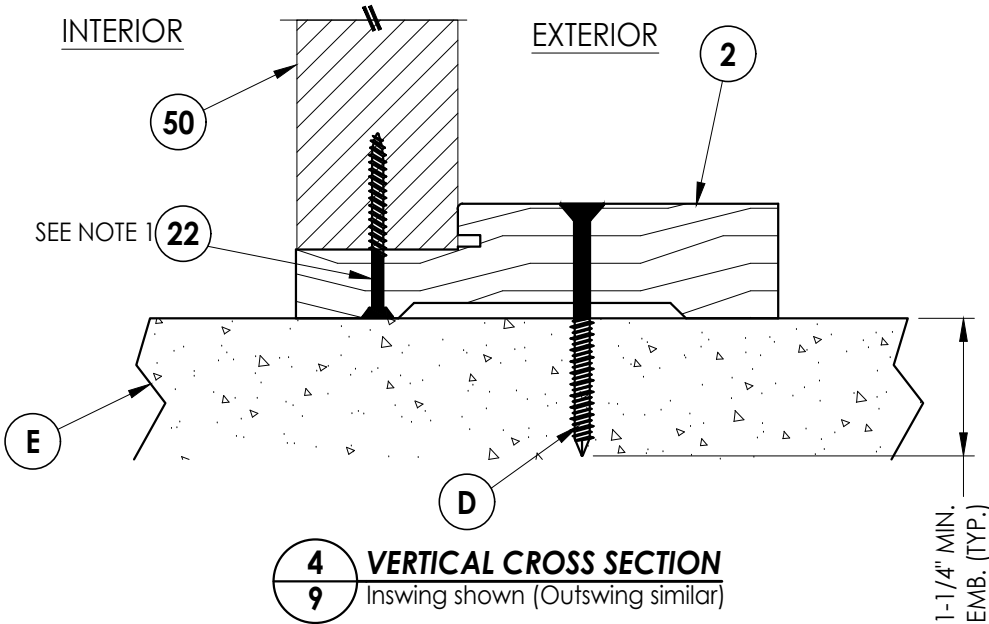
1
9 **VERTICAL CROSS SECTION**
Outswing



2
9 **VERTICAL CROSS SECTION**
Inswing



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



4
9 **VERTICAL CROSS SECTION**
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:
MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLD)

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 2/14/17

SCALE: N.T.S.

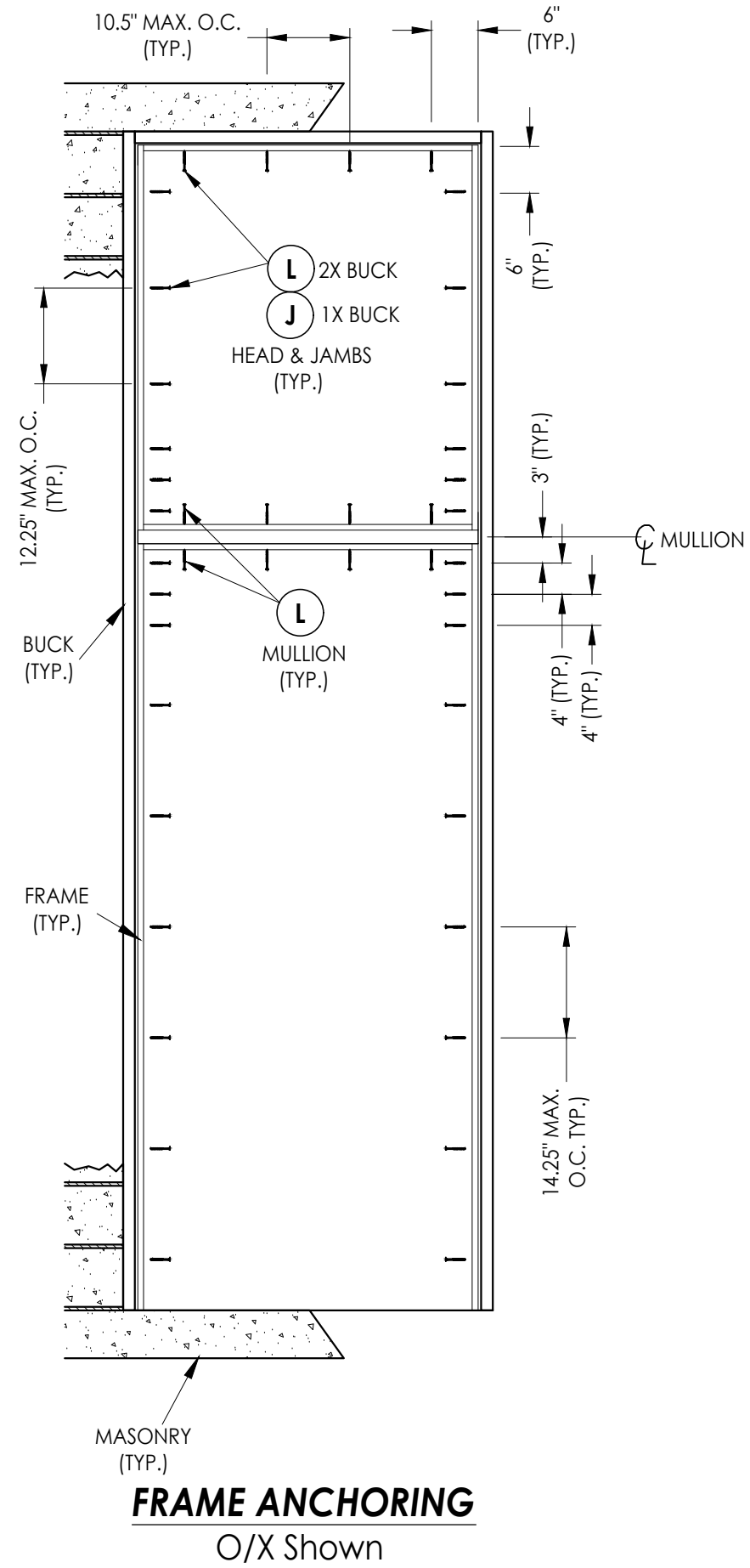
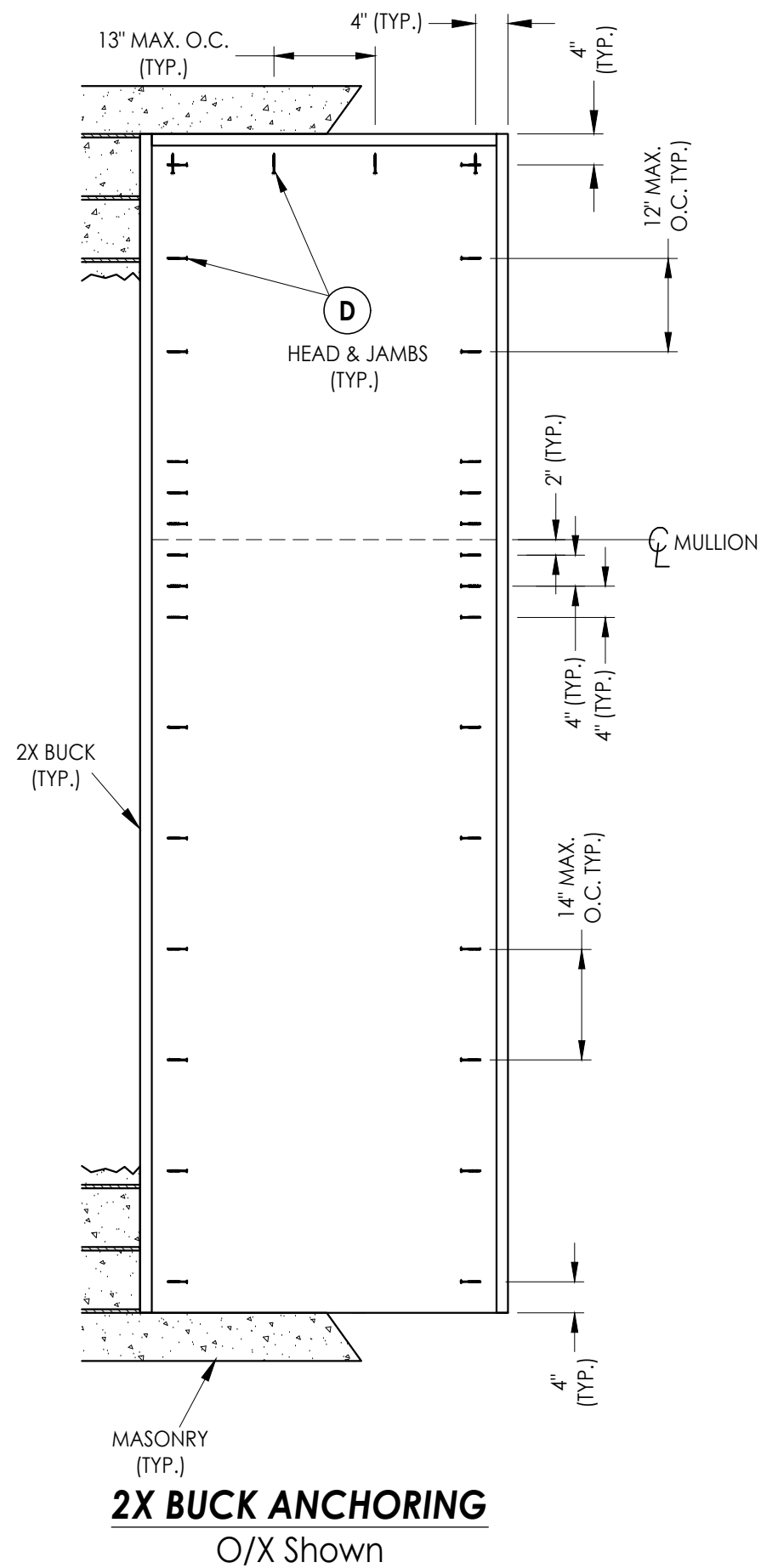
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21891.3

SHEET 9 OF 14



NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS.

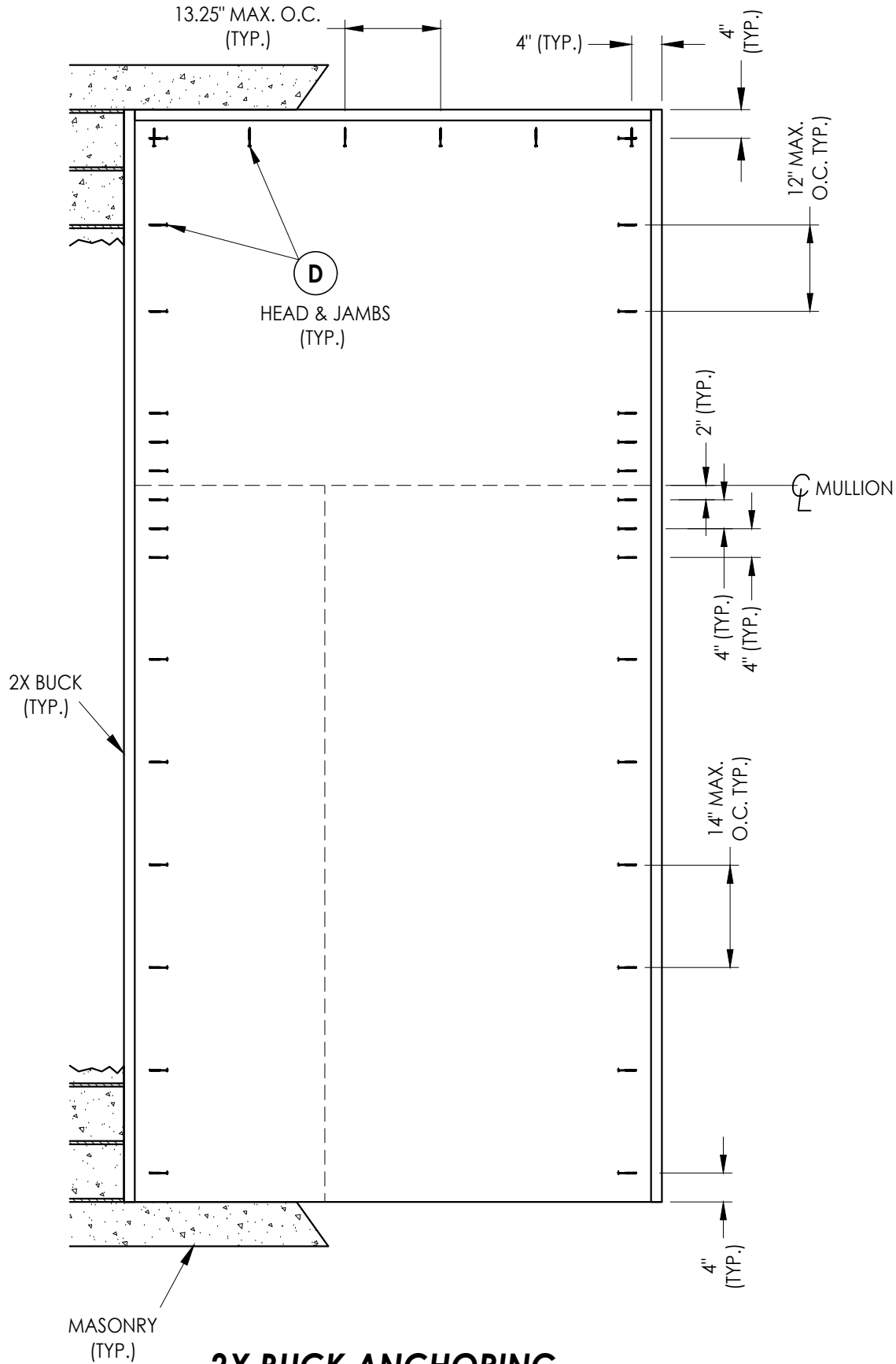
	4	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
	3	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
	2	9/01/20	UPDATE TO 7TH ED.	(2020)	FBC LFS
	1	10/03/17	UPDATE TO 6TH ED.	(2017)	FBC JK
	NO	DATE			BY
					REVISIONS
DATE: 2/14/17					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-21891.3					
SHEET 10 OF 14					

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

MILLWORK 360
WOOD DOOR

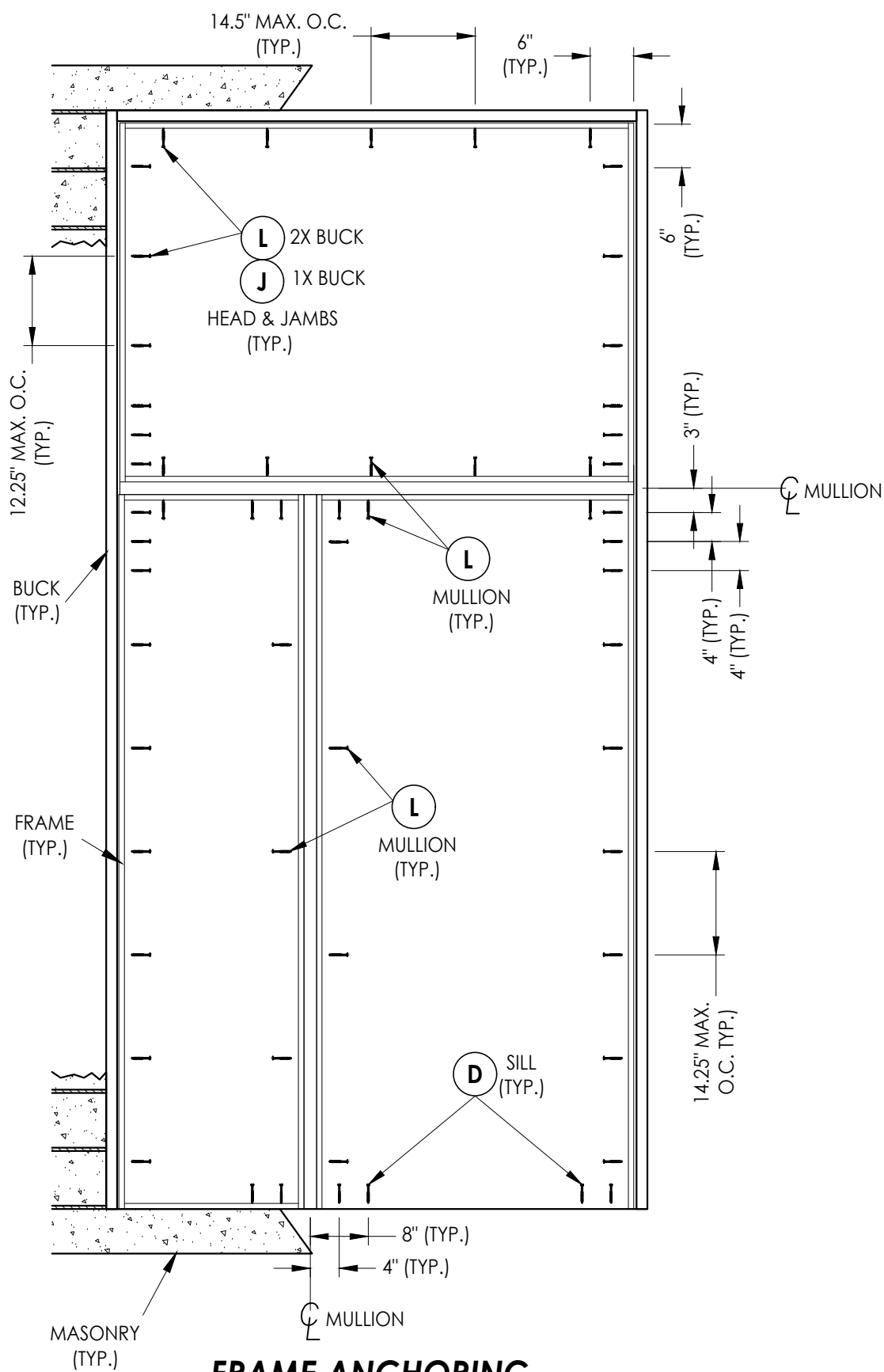
UNIT OR ASSEMBLY:
BUCK & FRAME ANCHORING
(O/X)

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



2X BUCK ANCHORING
O/OX Shown (O/XO - Similar)

NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS.



FRAME ANCHORING
O/OX Shown (O/XO - Similar)

DATE: 2/14/17	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-21891.3	
SHEET	11 OF 14

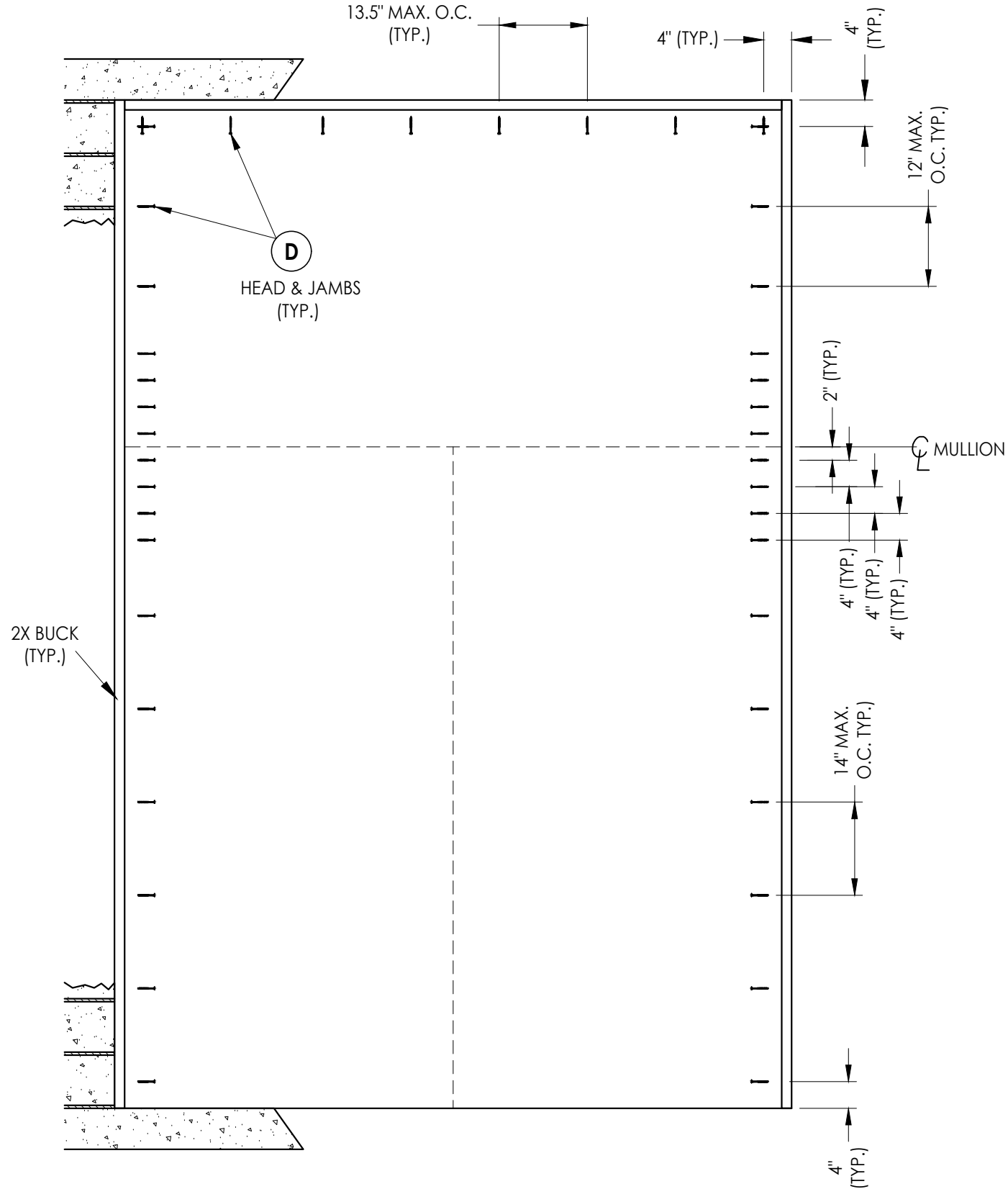
NO.	DATE	REVISIONS			
					BY
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

PRODUCT:	MILLWORK 360 WOOD DOOR
	PART OR ASSEMBLY: BUCK & FRAME ANCHORING (O/OX)

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

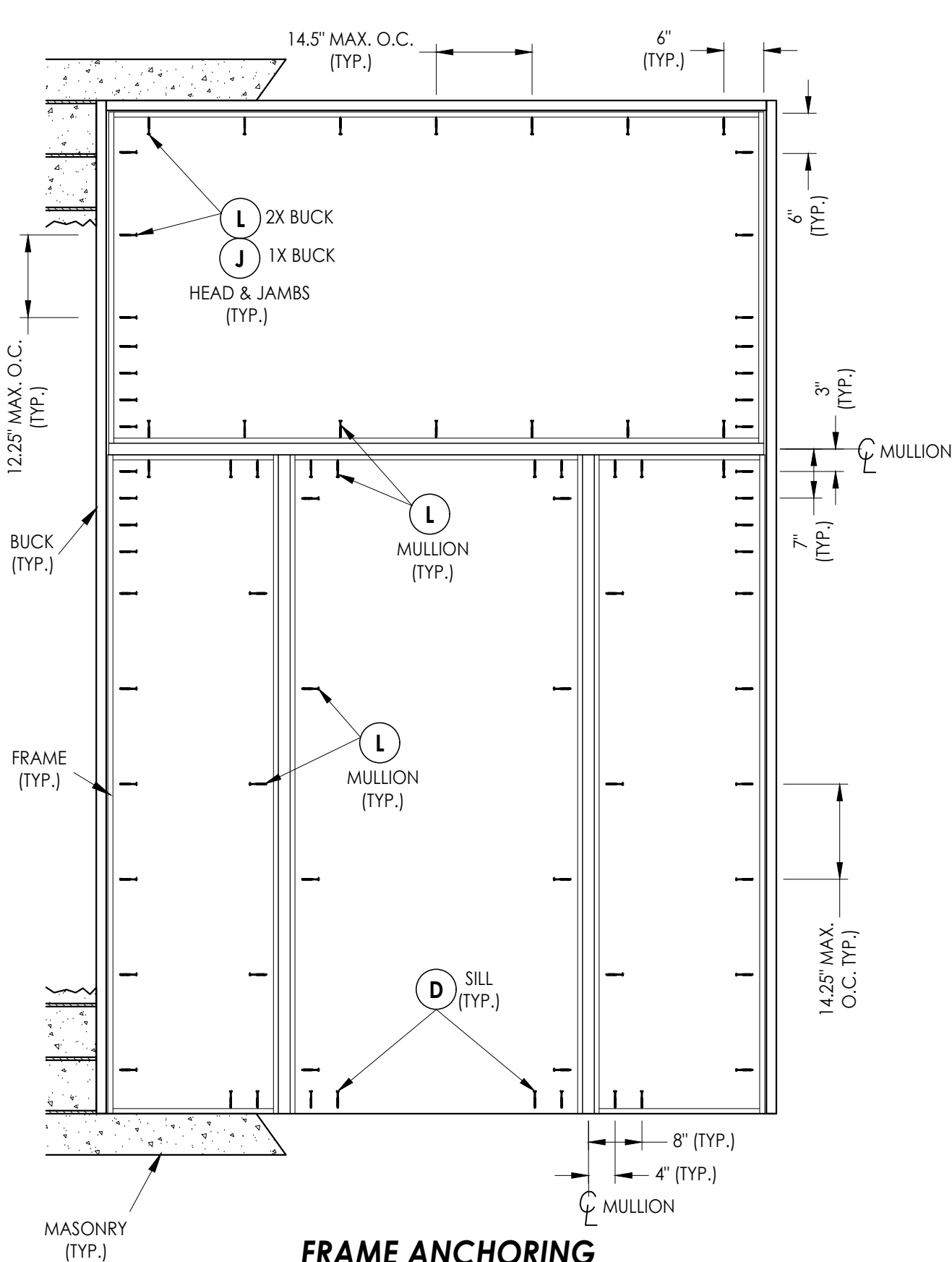
**R.W. BUILDING CONSULTANTS, INC.**
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



2X BUCK ANCHORING
O/OXO

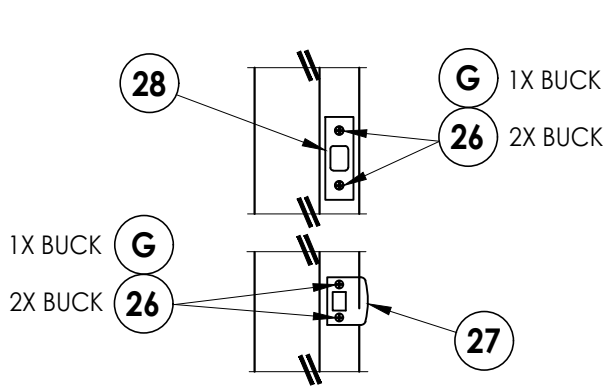
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS.



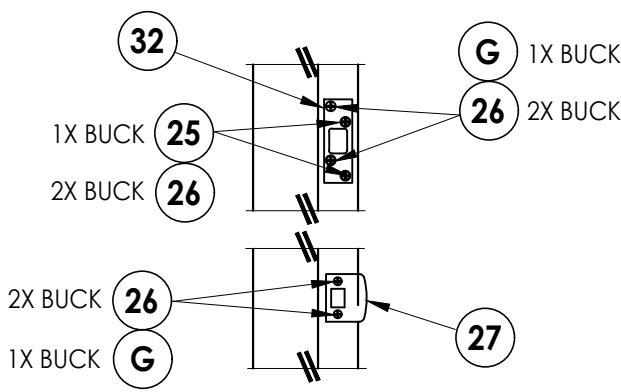
FRAME ANCHORING
O/OXO

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: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: BUCK & FRAME ANCHORING (O/OXO)	
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC JK
NO.	DATE		BY
REVISIONS			
DATE: 2/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.3			
SHEET 12 OF 14			

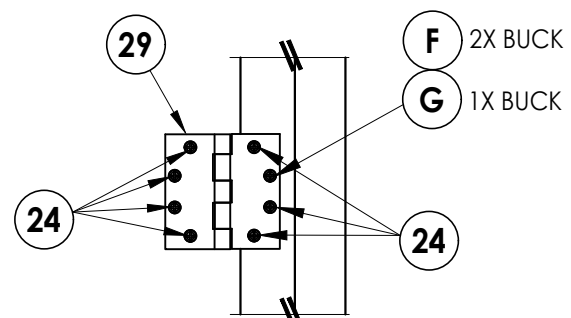
Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.1-3.dwg



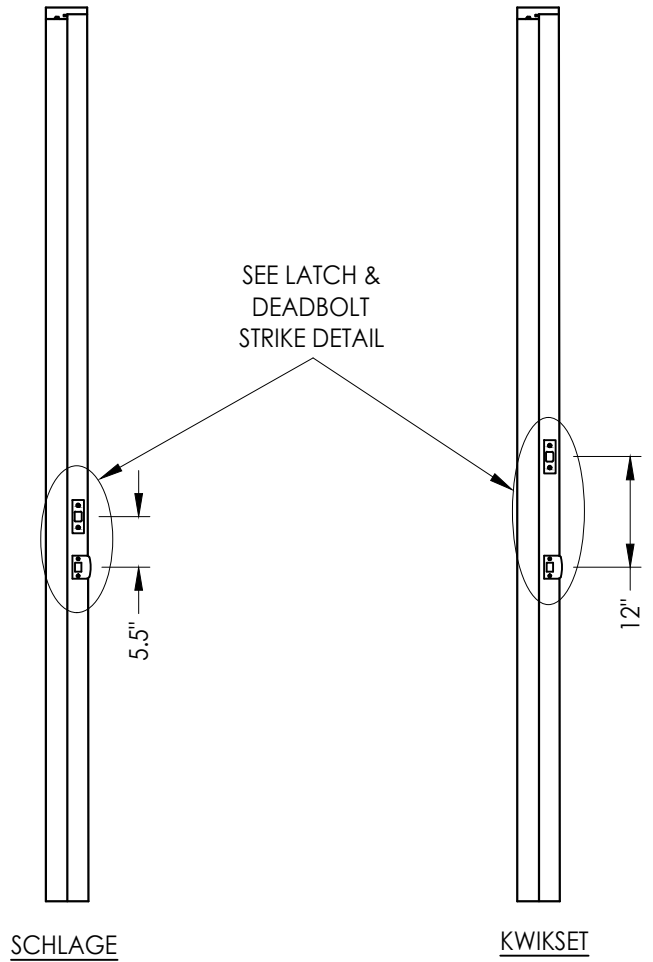
LATCH & DEADBOLT STRIKE DETAIL
SCHLAGE



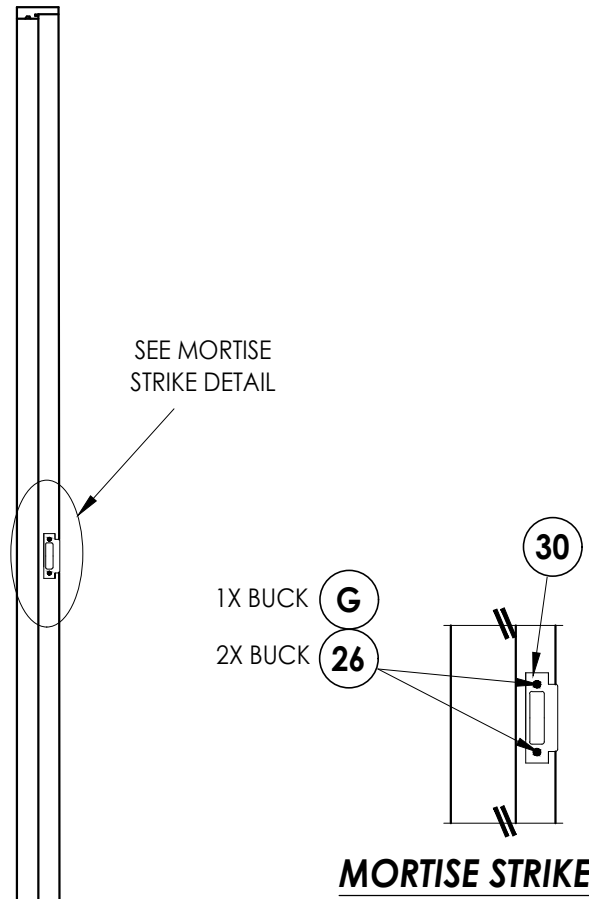
LATCH & DEADBOLT STRIKE DETAIL
KWIKSET



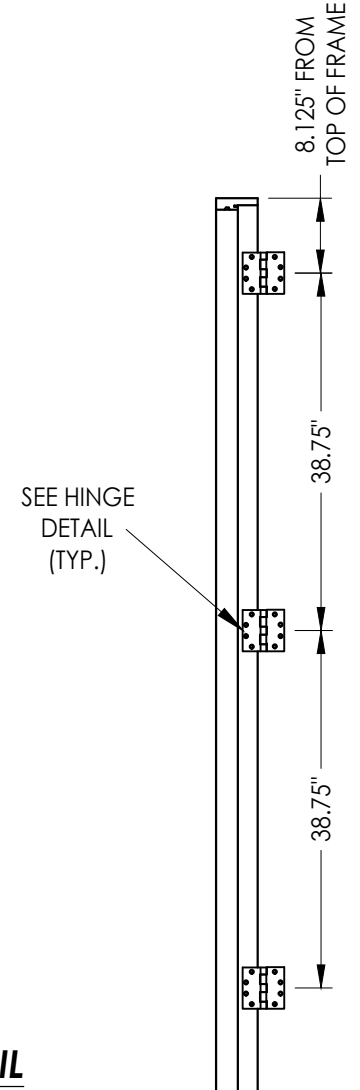
HINGE DETAIL



LATCH & DEADBOLT DETAILS



MORTISE LOCK DETAILS



HINGE JAMB

NO.	DATE	REVISIONS	BY
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	10/03/17	UPDATE TO 6TH ED. (2017)	JK BY

DATE: 2/14/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.3
SHEET 13 OF 14

PRODUCT: MILLWORK 360 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

