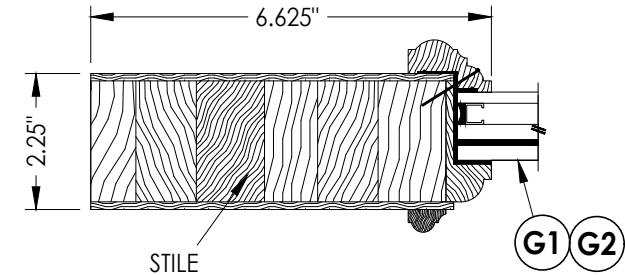
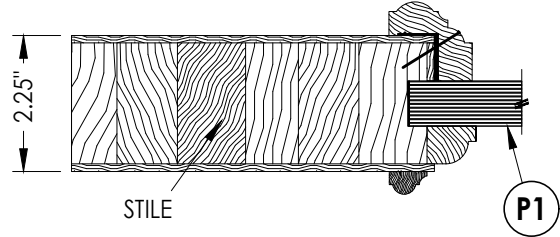


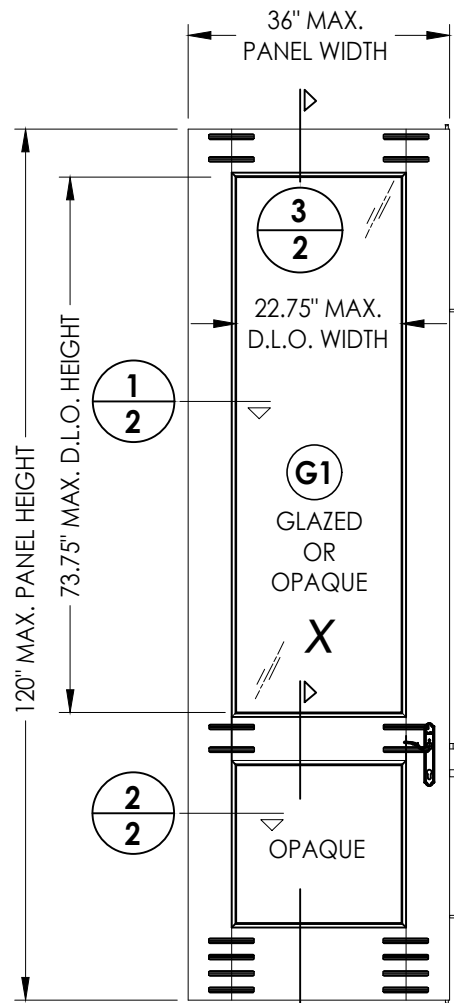
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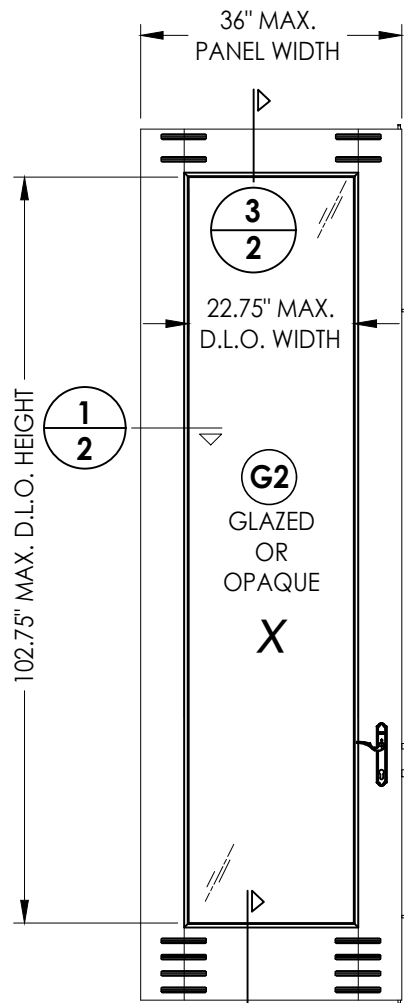
1 HORIZONTAL CROSS SECTION
2



2 HORIZONTAL CROSS SECTION
2



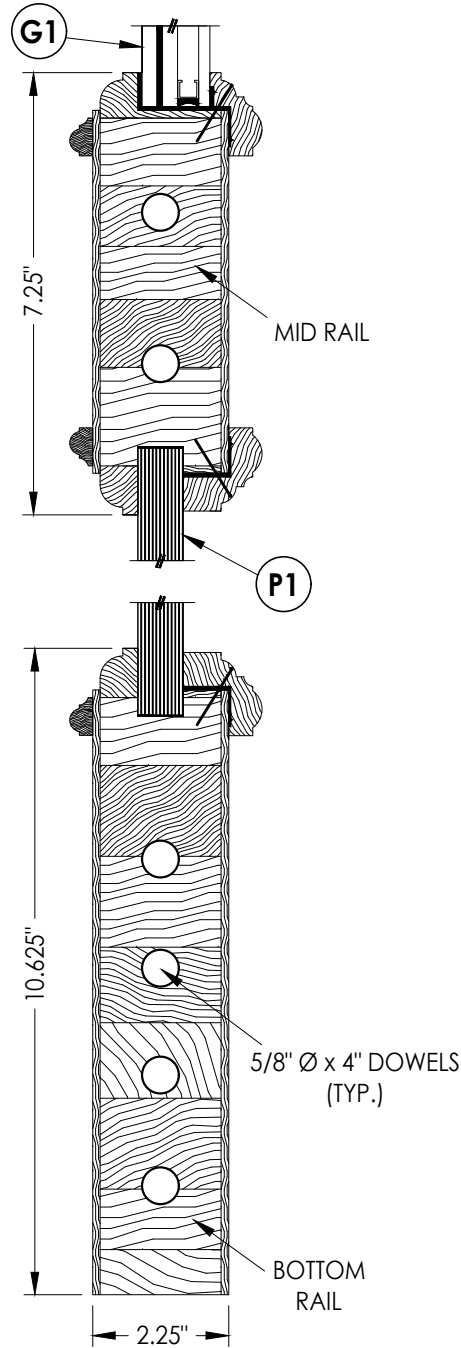
4/2
3/4 PANEL/LITE



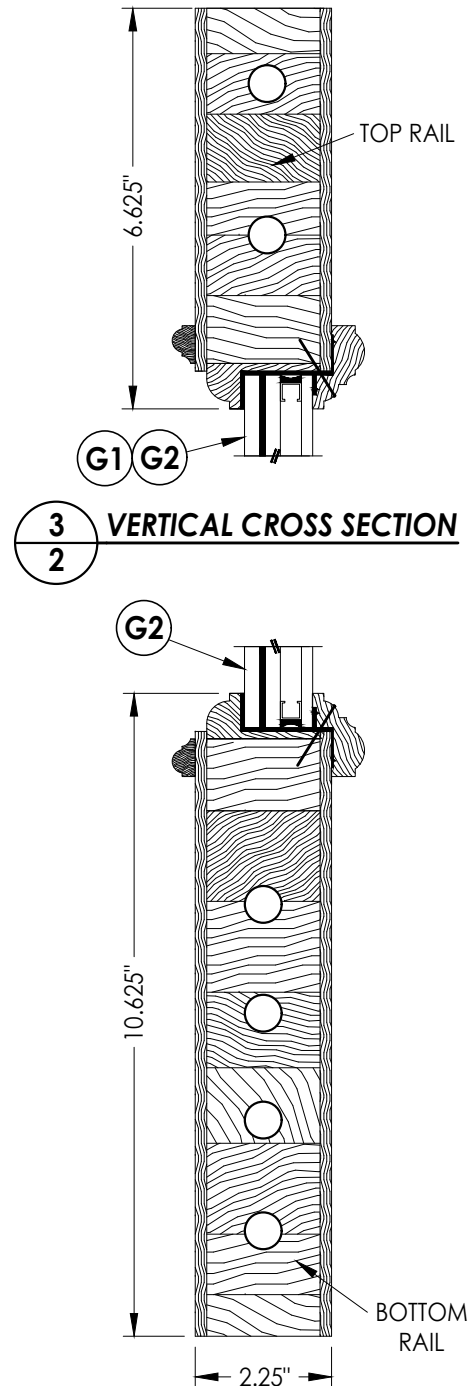
5/2
FULL PANEL/LITE

40 WOOD DOOR PANEL (3'-0")
Glazed or Opaque

WOOD DOOR COMPONENTS:
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)
VENEER/EDGES: CYPRESS (G = 0.42)
NOTE: VENEER/EDGE MAY INCLUDE OAK, CHERRY, WALNUT OR
OTHER OPTIONAL HARDWOOD SPECIES w/ G >= 0.42.



4 VERTICAL CROSS SECTION
2



5 VERTICAL CROSS SECTION
2

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

PRODUCT:
MILLWORK 360
WOOD DOOR

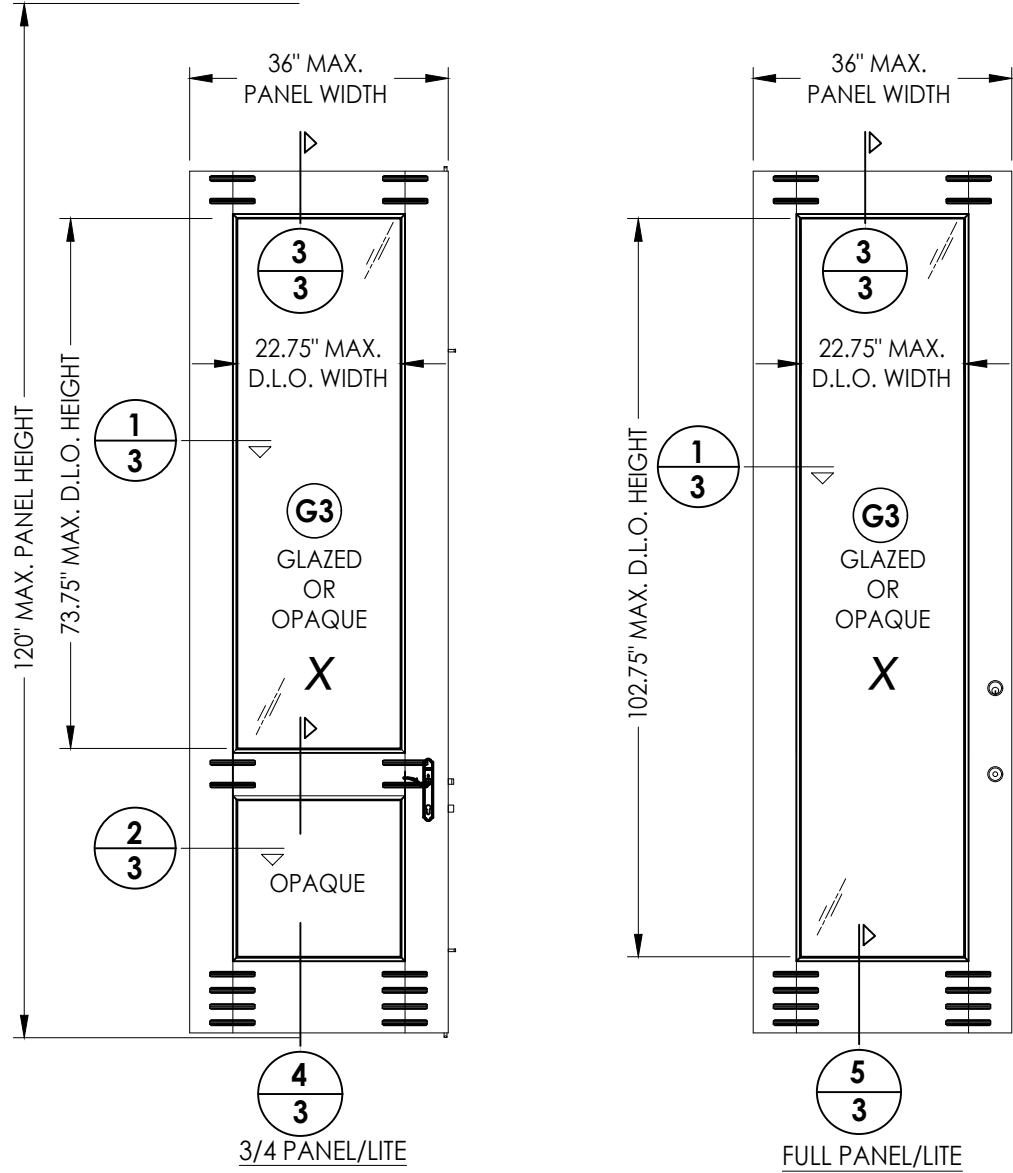
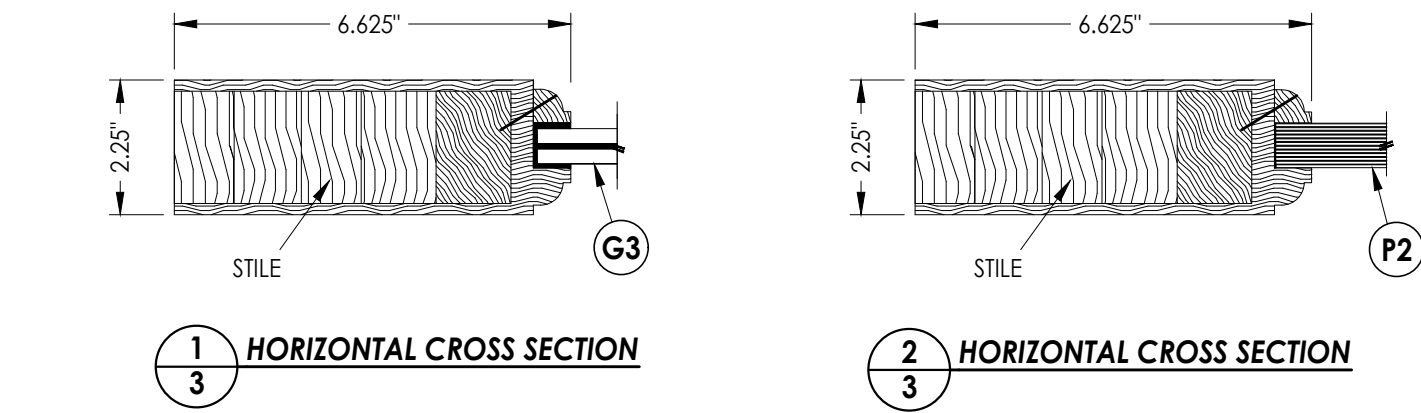
PART OR ASSEMBLY:
DOOR PANEL
DETAILS

NO.	DATE	REVISIONS
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
NO.	DATE	BY

DATE: 4/03/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.10
SHEET 2 OF 13

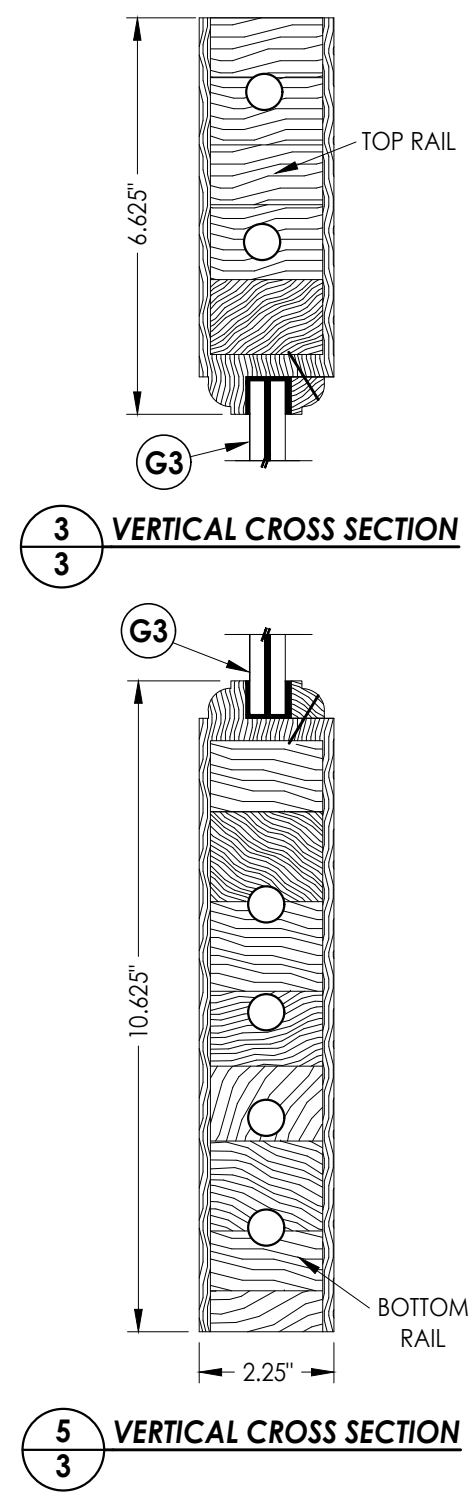
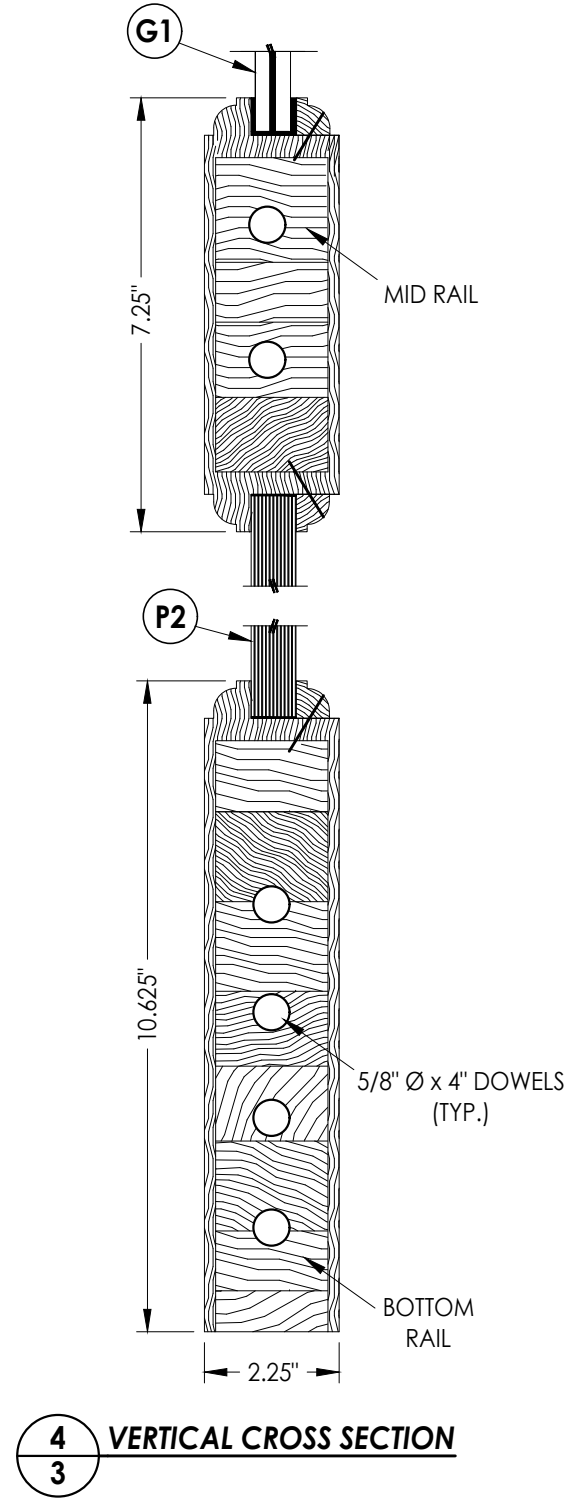
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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41 WOOD DOOR PANEL (3'-0")
Glazed or Opaque

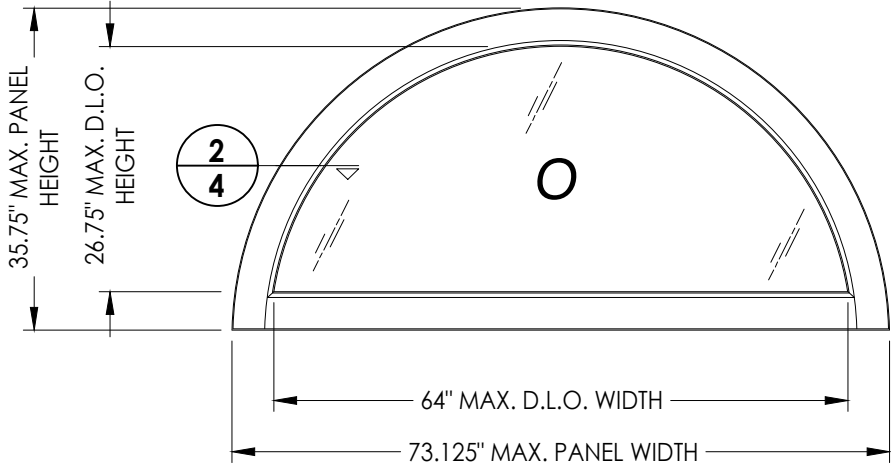
WOOD DOOR COMPONENTS:
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)
VENEER/EDGES: CYPRESS (G = 0.42)
NOTE: VENEER/EDGE MAY INCLUDE OAK, CHERRY, WALNUT OR
OTHER OPTIONAL HARDWOOD SPECIES w/ G >= 0.42.



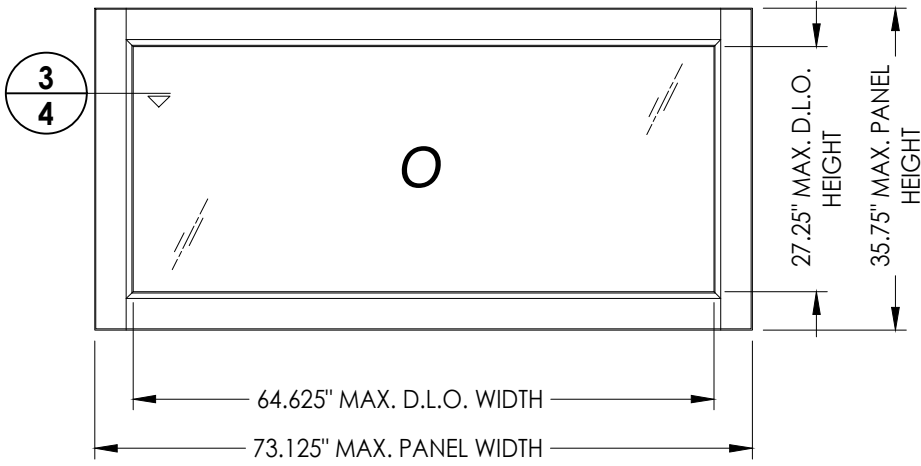
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
4	8/26/26	UPDATE TO 9TH ED. (2026)	FBC
3	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
2	9/01/20	UPDATE TO 7TH ED. (2020)	FBC
1	10/03/17	UPDATE TO 6TH ED. (2017)	FBC
NO.	DATE	REVISIONS	
DATE: 4/03/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.10			
SHEET 3 OF 13			

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.9-11.dwg

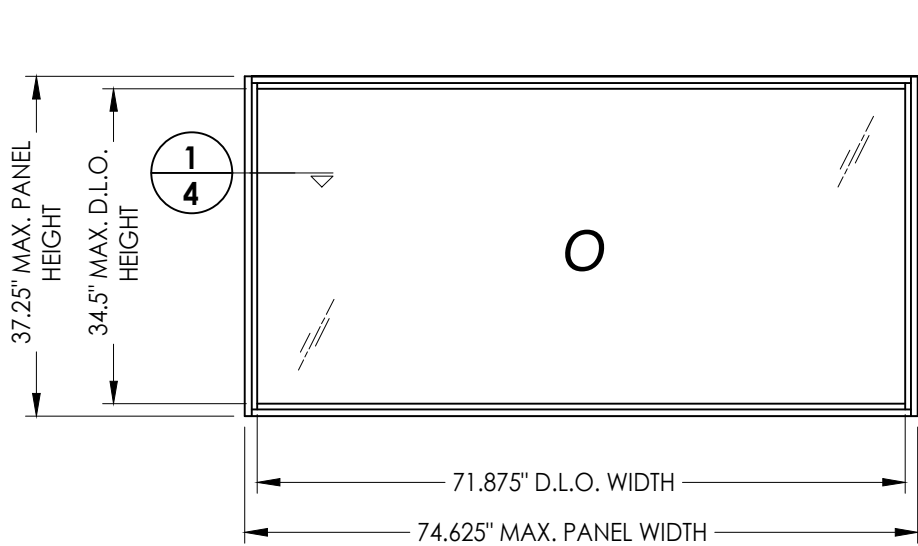
NOTE:
1. ALL FRAME CORNERS SECURED WITH (1) 1/4" X 6" LAG SCREW.



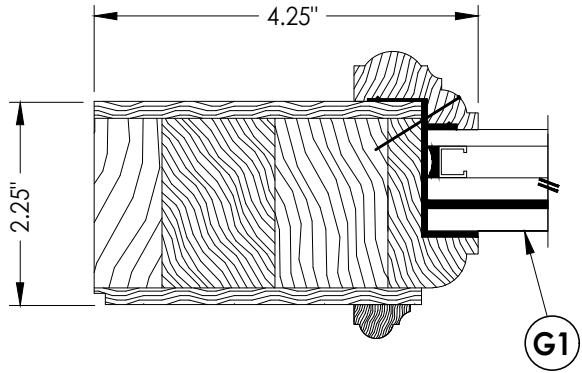
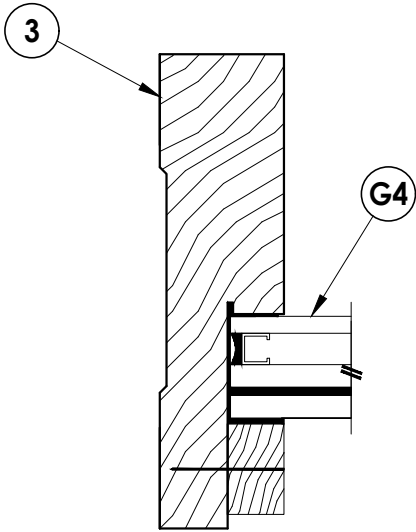
71 WOOD TRANSOM PANEL



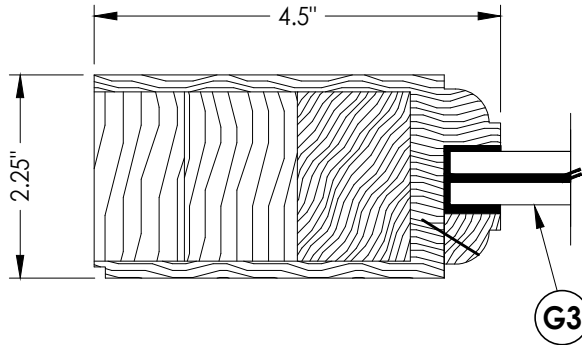
70 WOOD TRANSOM PANEL
DIRECT SET



1/4 HORIZONTAL CROSS SECTION



3/4 HORIZONTAL CROSS SECTION



2/4 HORIZONTAL CROSS SECTION

DATE:	2/14/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21891.10
SHEET	4 OF 13

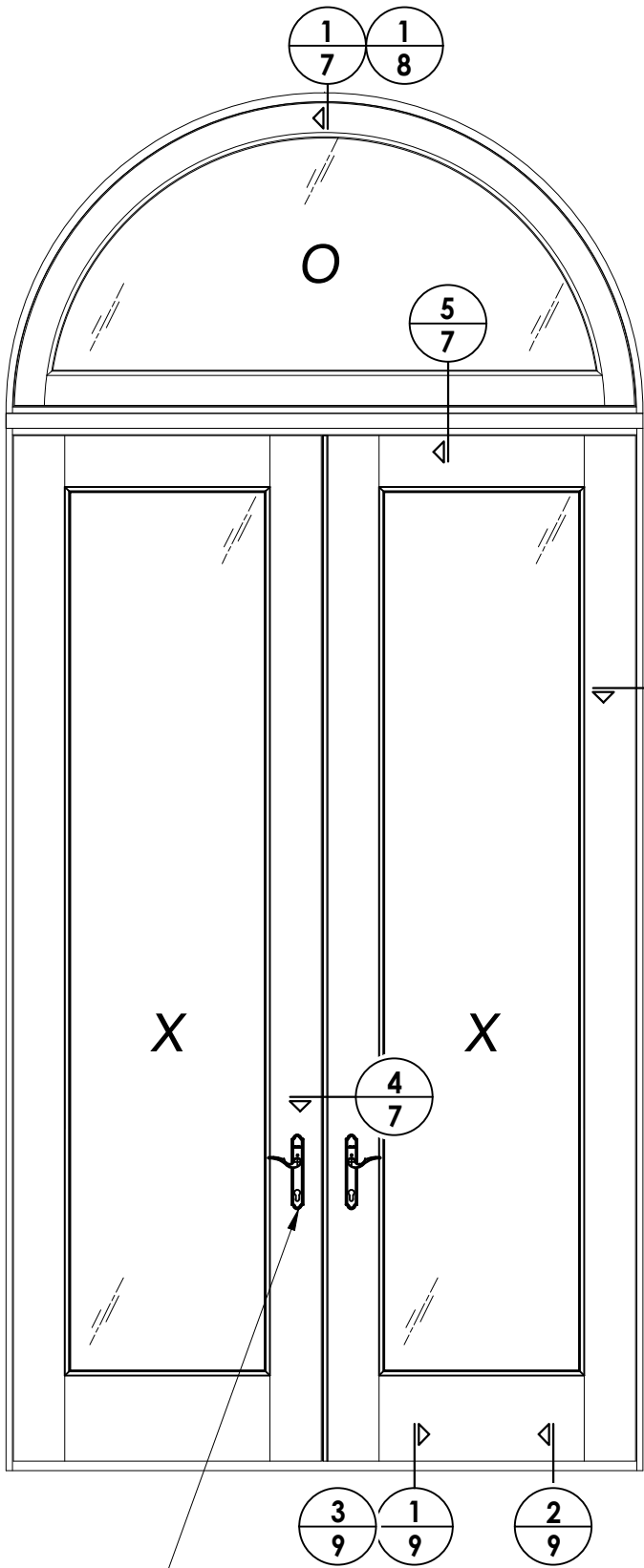
NO.	DATE	REVISIONS
4	8/26/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/03/17	UPDATE TO 6TH ED. (2017) FBC JK

PRODUCT:	MILLWORK 360 WOOD DOOR
PART OR ASSEMBLY:	TRANSOM PANEL DETAILS

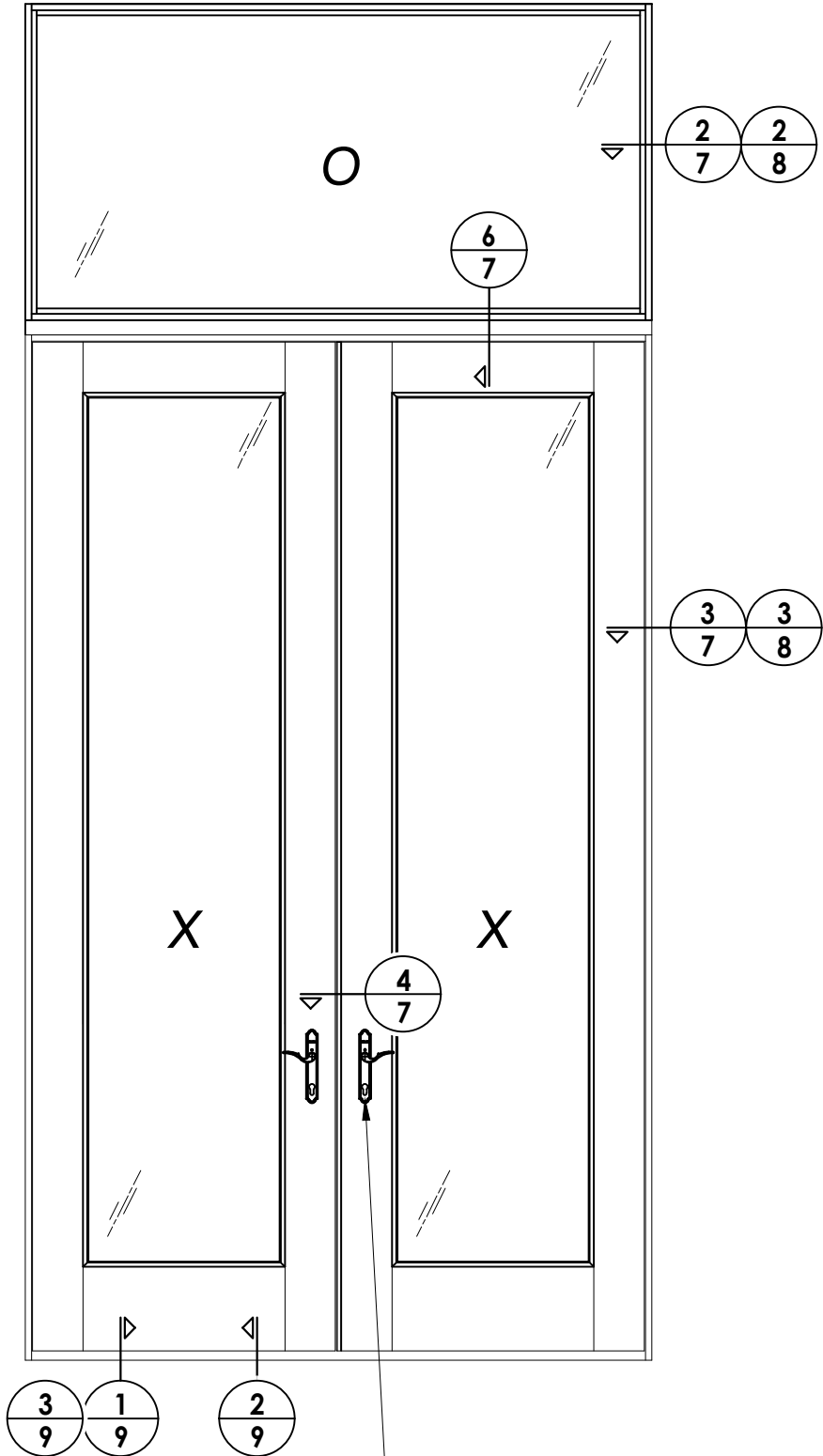
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

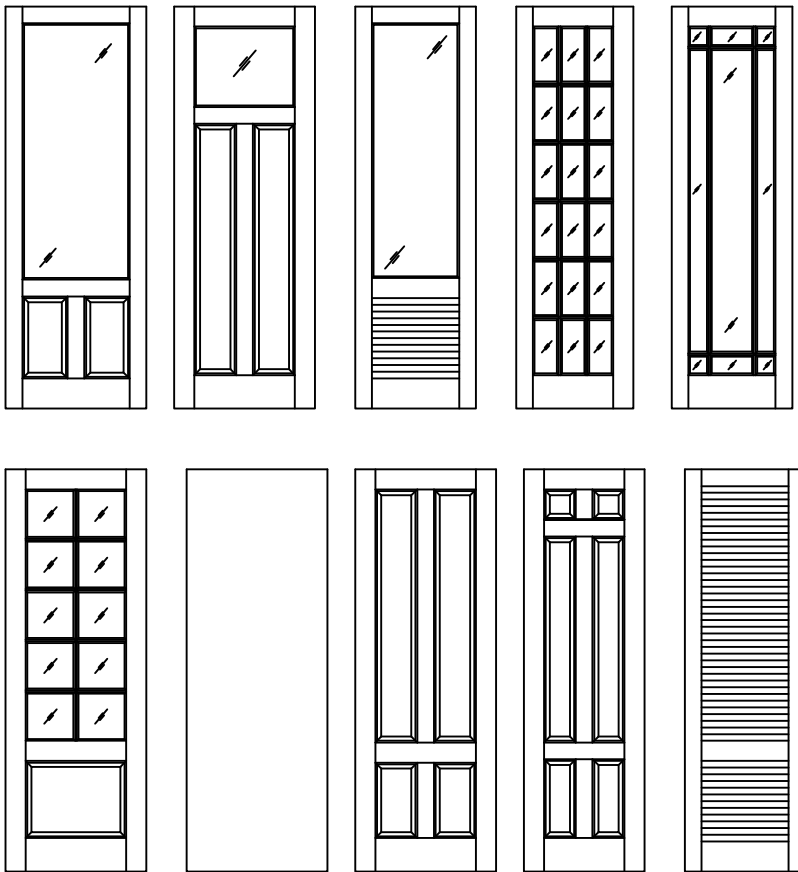
Z:\2023 FBC Drawings\Millwork\360\FL-21891 R5\FL-21891.9-11.dwg



SEE HARDWARE
CHART



SEE HARDWARE
CHART

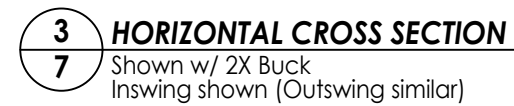
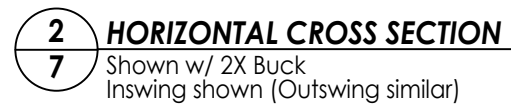


Millwork 360 Door Panel Options

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

HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	MULTIPOINT HARDWARE: HLS 9000 SERIES MULTIPOINT LOCK ACTIVE: ROUNDBOLT/SHOOTBOLT (5-PT.) INACTIVE: SHOOTBOLT (2-PT.)

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: 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	REVISIONS	
DATE: 04/03/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.10			
SHEET 6 OF 13			

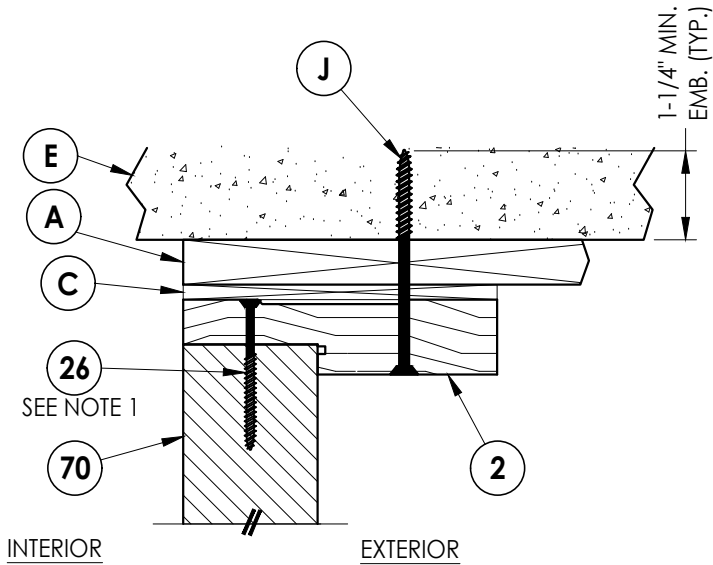


1. Item #26 located 4" from each end & 9 more equally spaced (11 total).
2. Item #26 located 4" from each end & 1 at the center line (3 total).

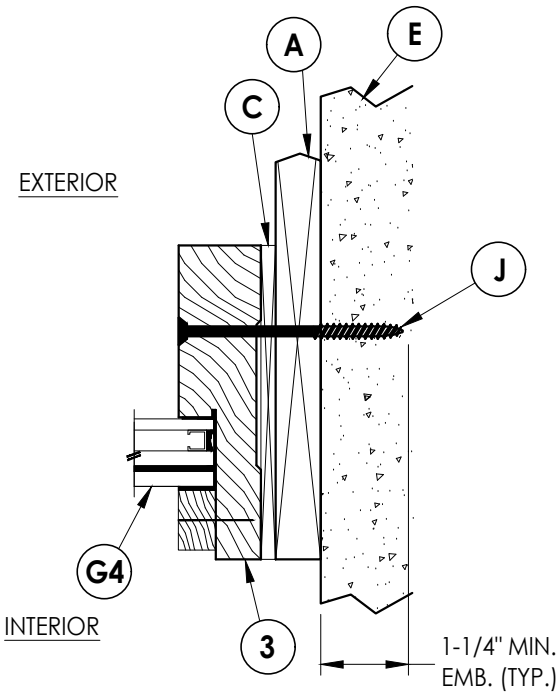
Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409									
		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813									
PRODUCT:		MILLWORK 360 WOOD DOOR									
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)									
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										
REVISIONS											
DATE: 4/03/17											
SCALE: N.T.S.											
DWG. BY: JK											
CHK. BY: LFS											
DRAWING NO.: FL-21891.10											
SHEET 7 OF 13											

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.9-11.dwg

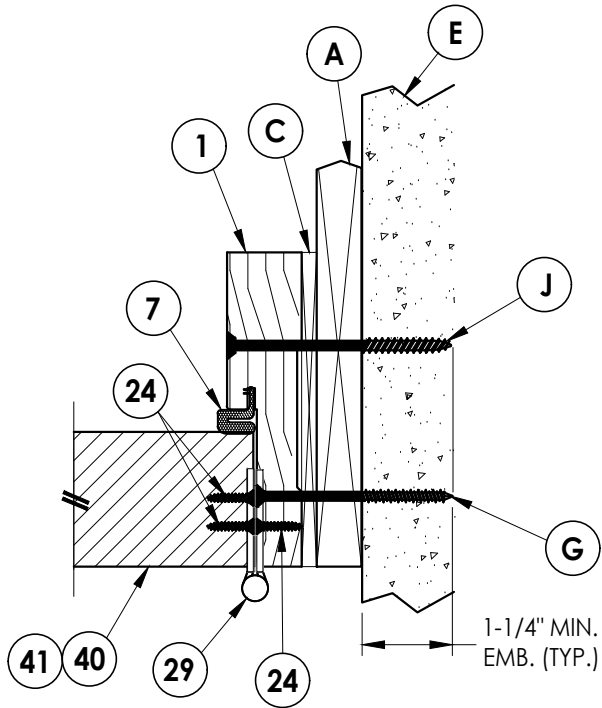
NOTES:
1. Item #26 located 4" from each end & 1 at the center line (3 total).



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



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



3
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X 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: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X 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
NO.	DATE	BY

DATE: 4/03/17

SCALE: N.T.S.

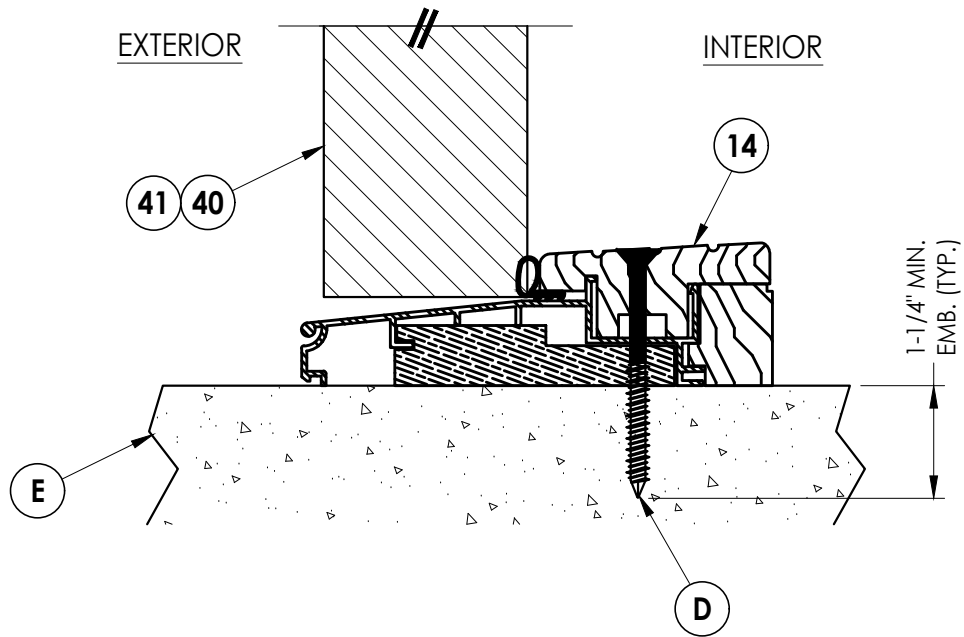
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CHK. BY: LFS

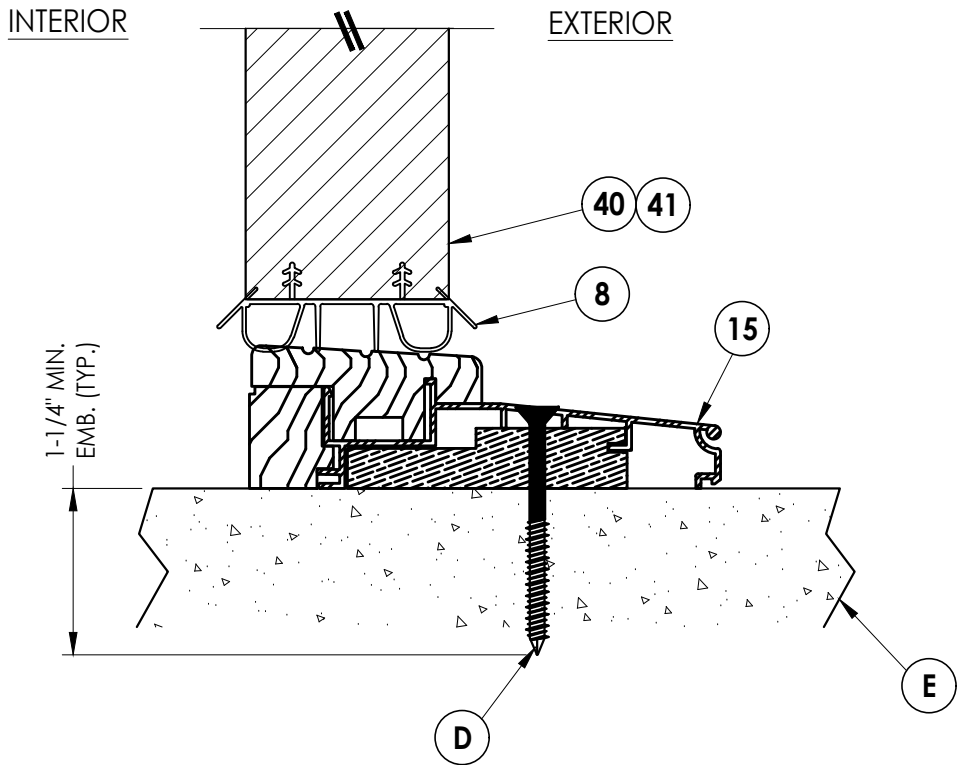
DRAWING NO.:
FL-21891.10

SHEET 8 OF 13

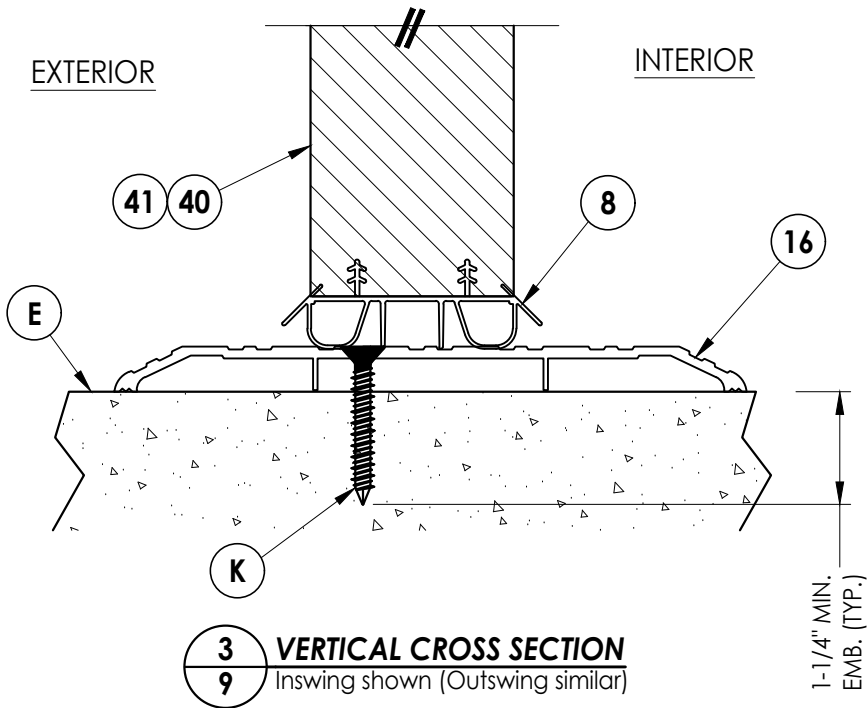
Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.9-11.dwg



1
9 VERTICAL CROSS SECTION
Outswing



2
9 VERTICAL CROSS SECTION
Inswing



3
9 VERTICAL CROSS SECTION
Inswing shown (Outswing similar)

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

DATE:	4/03/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21891.10
SHEET	9 OF 13

PRODUCT:	MILLWORK 360 WOOD DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLD)

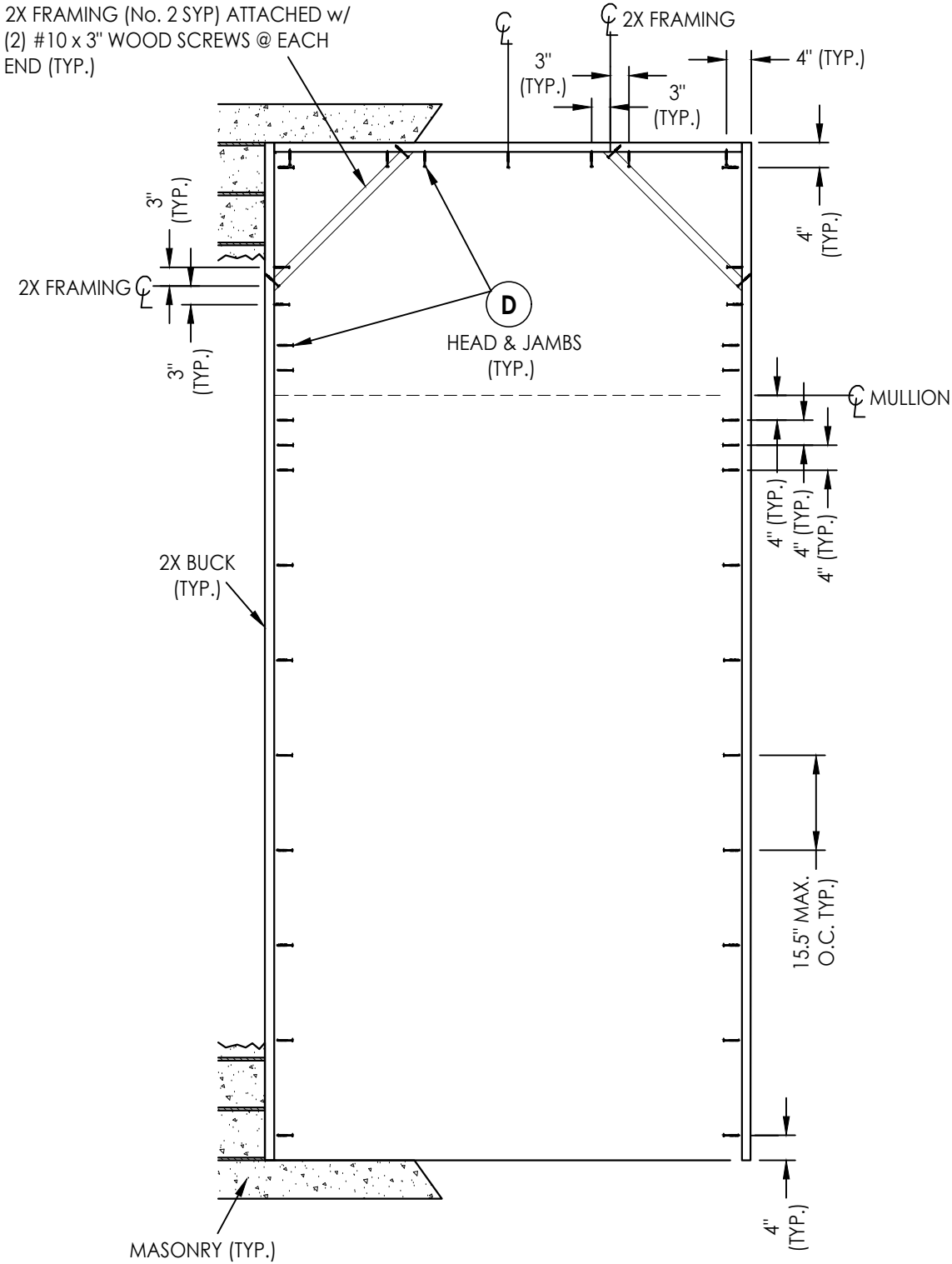
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409



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

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2X FRAMING (No. 2 SYP) ATTACHED w/
(2) #10 x 3" WOOD SCREWS @ EACH
END (TYP.)

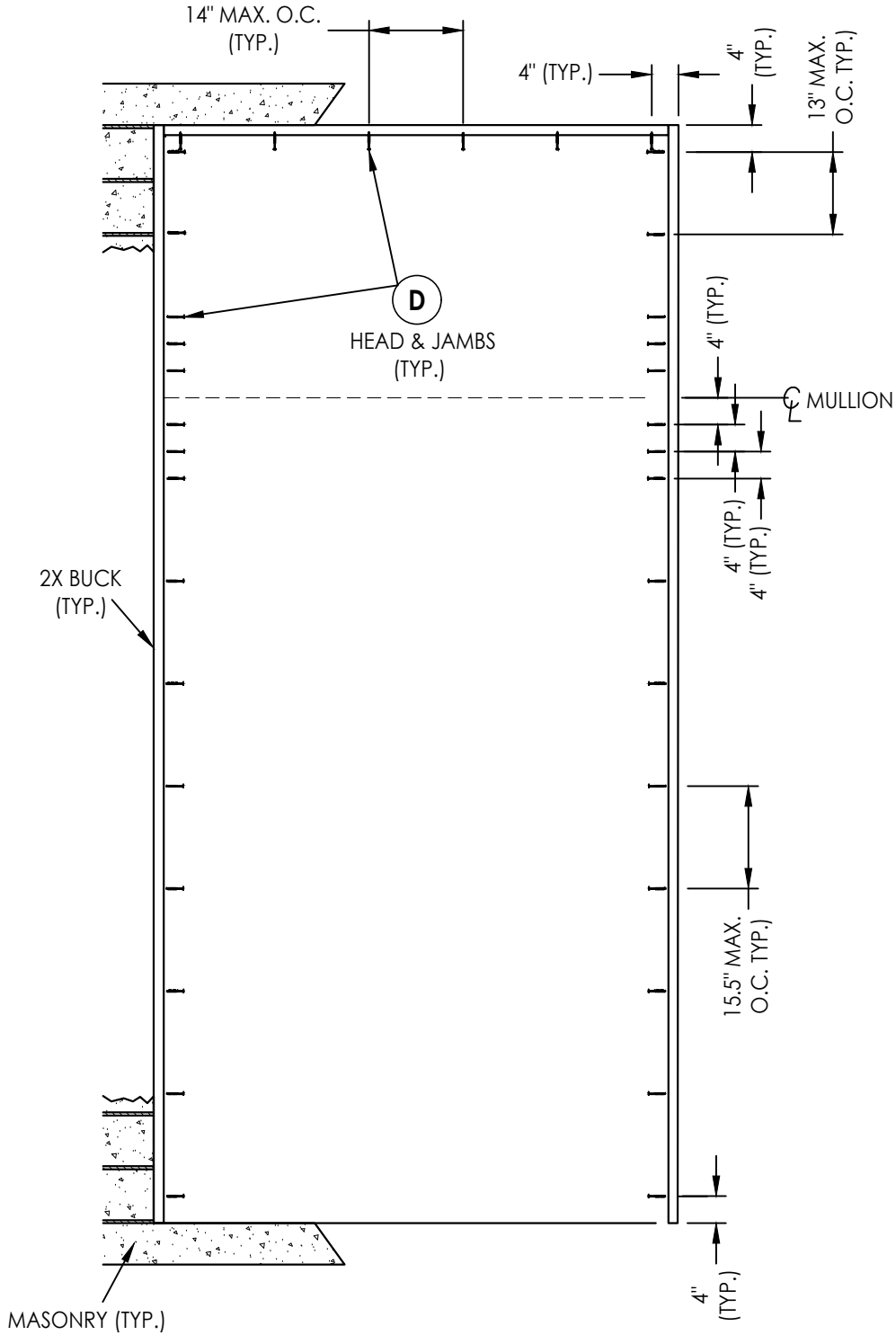


2X BUCK ANCHORING
O/XX (Arch Top Transom)

NOTE:

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

14" MAX. O.C.
(TYP.)



2X BUCK ANCHORING
O/XX

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:

BUCK ANCHORING

DATE: 4/03/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

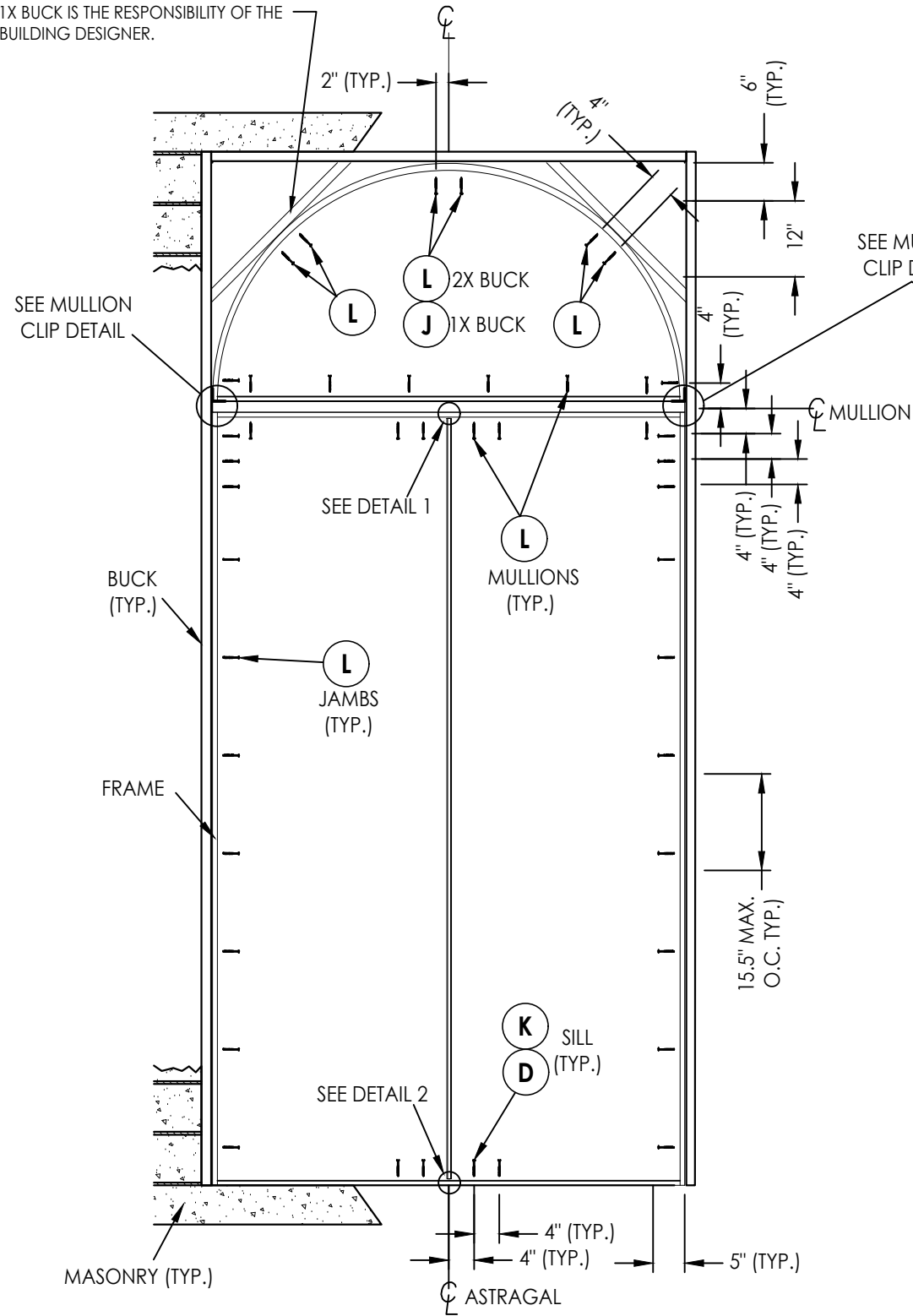
DRAWING NO.:
FL-21891.10

SHEET 10 OF 13

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

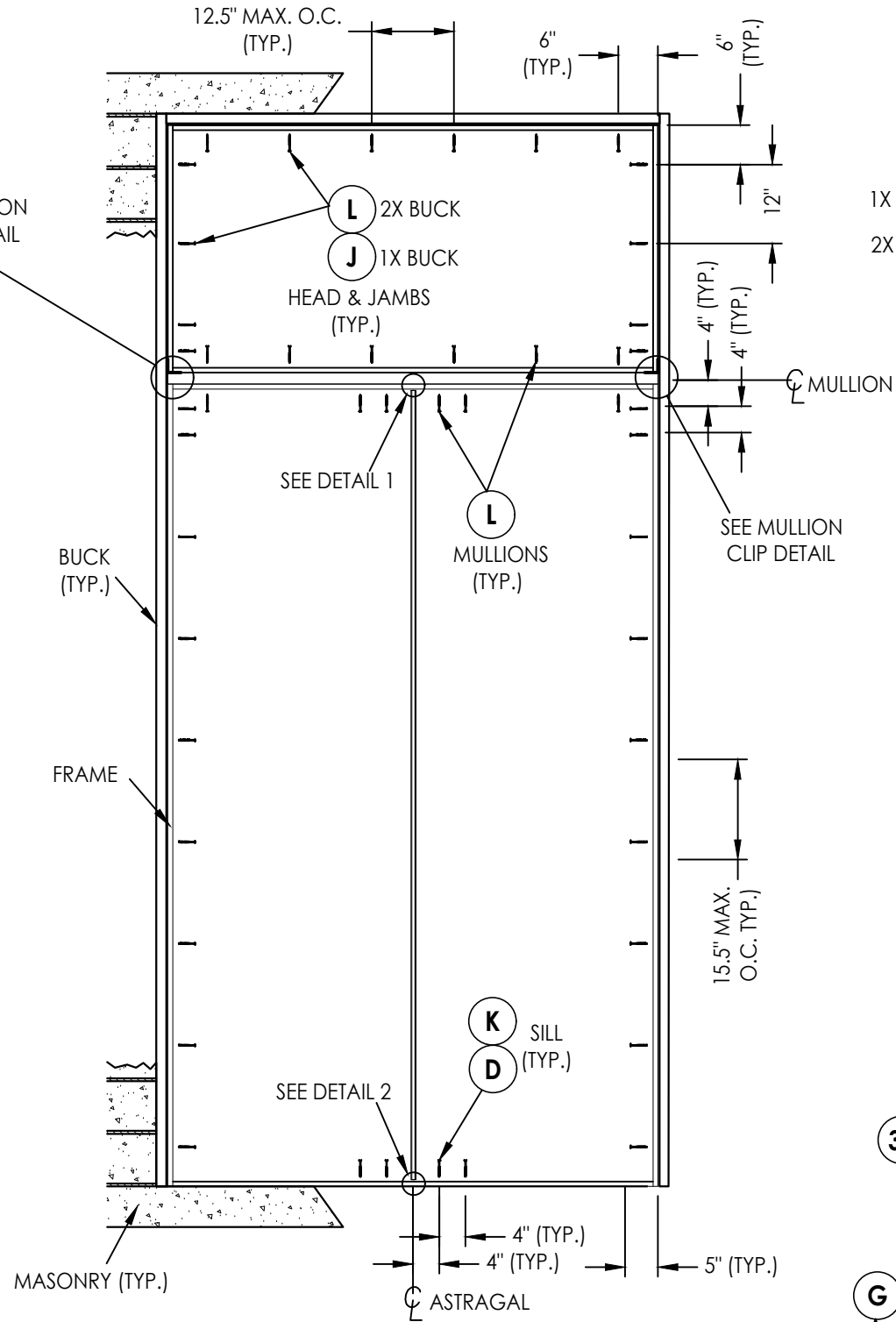
© 2017 R.W. BUILDING CONSULTANTS INC.

NOTE: ANCHORING OF FRAMING TO 1X BUCK IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.

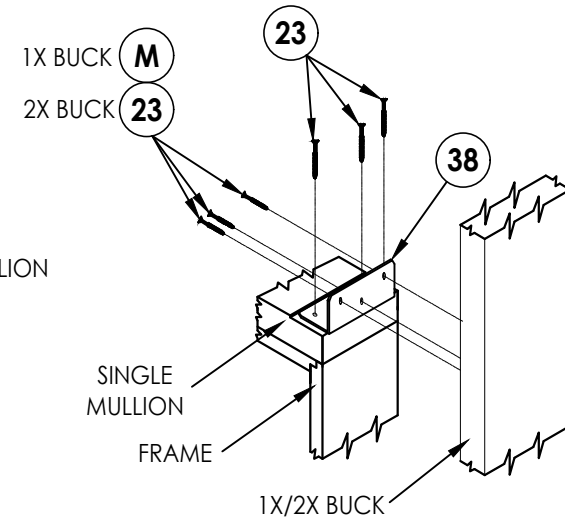


FRAME ANCHORING

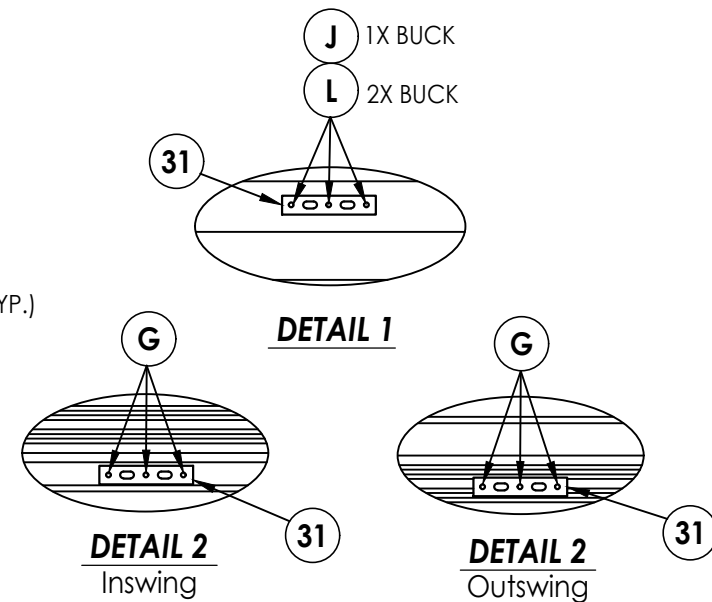
NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH
DEEP THREAD WOOD SCREWS.



FRAME ANCHORING
O/XX



MULLION CLIP DETAIL



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

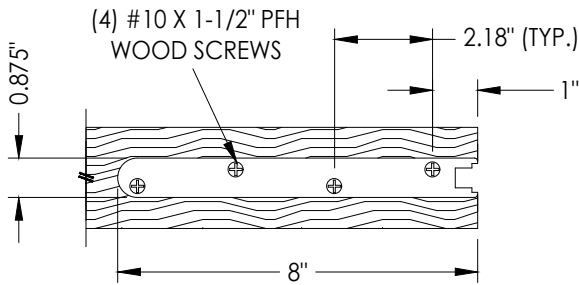
PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

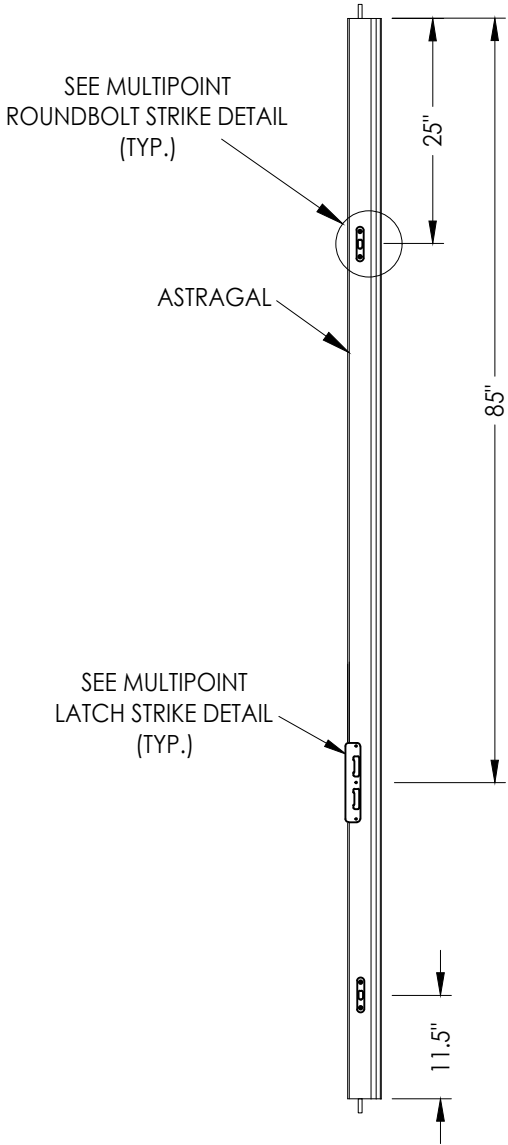
[illegible]

DATE:	4/03/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21891.10
SHEET	11 OF 13

Z:\2023 FBC Drawings\Millwork 360\FL-21891 R5\FL-21891.9-11.dwg

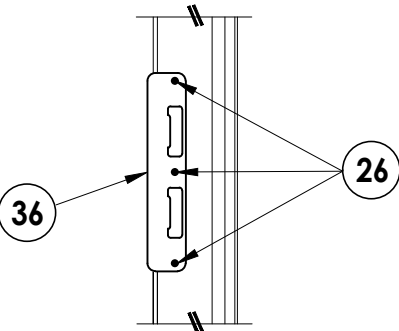


SHOOTBOLT REINFORCEMENT
AT TOP & BOTTOM OF DOOR PANEL
(1/8" THICK STEEL)

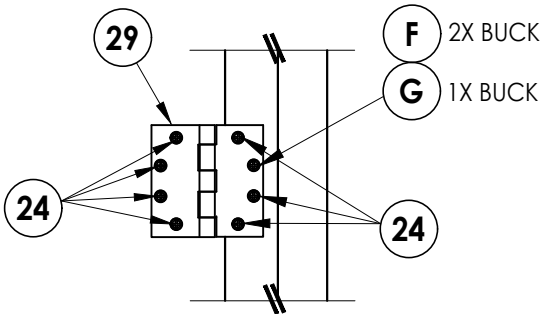
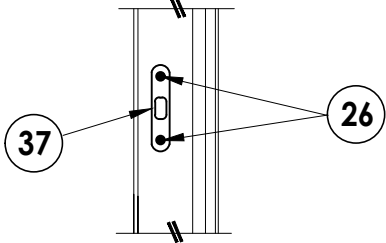


MULTIPOINT LOCK DETAILS

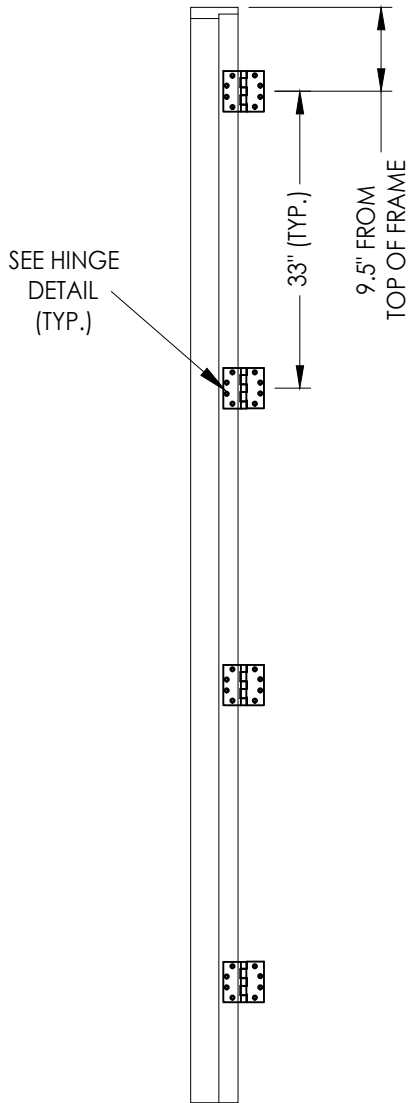
MULTIPOINT ROUND BOLT STRIKE DETAIL



MULTIPOINT STRIKE DETAIL



HINGE DETAIL



HINGE JAMB

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
NO.	DATE	BY

DATE: 4/03/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21891.10

SHEET 12 OF 13

PRODUCT:	MILLWORK 360 WOOD DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

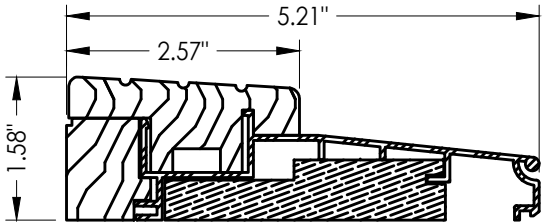
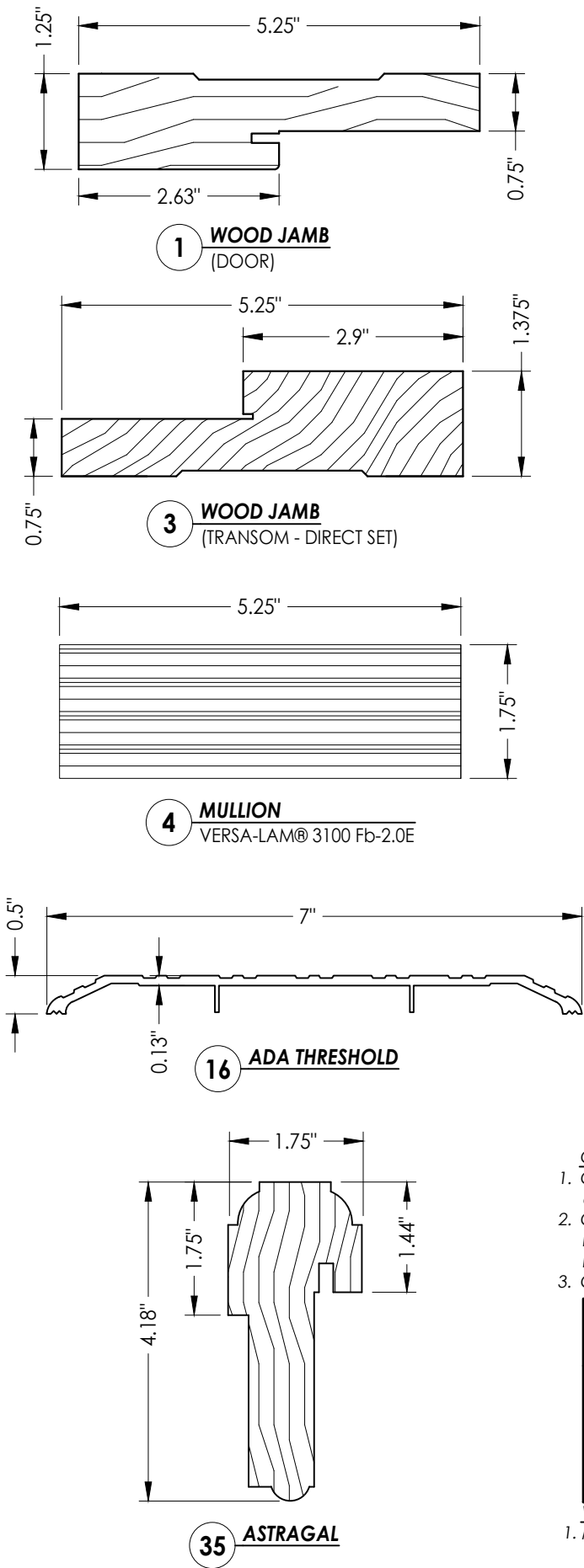
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

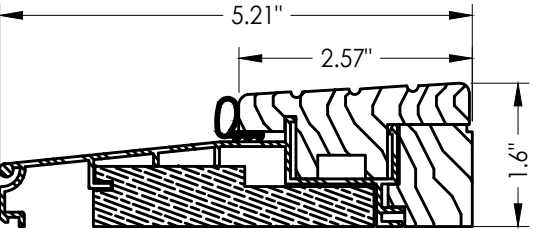
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#12 X 2-1/2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH DeWALT CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 1-3/4" 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	JAMB (DOOR)	WOOD
3	JAMB (TRANSOM - DIRECT SET)	WOOD
4	MULLION	LVL
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
14	OUTSWING THRESHOLD	ALUM/COMP
15	INSWING THRESHOLD	ALUM/COMP
16	ADA THRESHOLD	ALUM
23	#10 X 1-1/2" PFH WOOD SCREW	STEEL
24	#12 x 1" PFH WOOD SCREW	STEEL
25	#8 x 1-3/4" PFH WOOD SCREW	STEEL
26	#8 x 2-1/2" PFH WOOD SCREW	STEEL
29	4.5" X 4.5" HINGE	STEEL
31	SHOOTBOLT STRIKE PLATE	STEEL
35	ASTRAGAL	WOOD
36	MULTIPOINT STRIKE PLATE	STEEL
37	MULTIPOINT ROUND BOLT STRIKE DETAIL	STEEL
38	MULLION ANGLE CLIP (USP ML24-TZ)	STEEL
40	DOOR PANEL	WOOD
41	DOOR PANEL	WOOD
50	SIDELITE PANEL	WOOD
51	SIDELITE PANEL (DIRECT SET)	WOOD
70	TRANSOM PANEL	WOOD

WOOD FRAME COMPONENTS: SIPO (UTILE) ($G = 0.53$)

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.



15 **IN SWING THRESHOLD**
WORLDWIDE



14 OUTSWING THRESHOLD

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"
DeWALT ULTRACON+®	3/16"	1-3/4"	2-1/2"	1-1/8"

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.

DATE: 4/03/17		REVISIONS	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21891.10			
SHEET 13 OF 13			
NO.	DATE		
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
			JK
			BY
PRODUCT:		BILL OF MATERIALS & COMPONENTS	
MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY:	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			