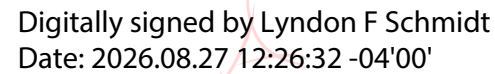


GENERAL NOTES:

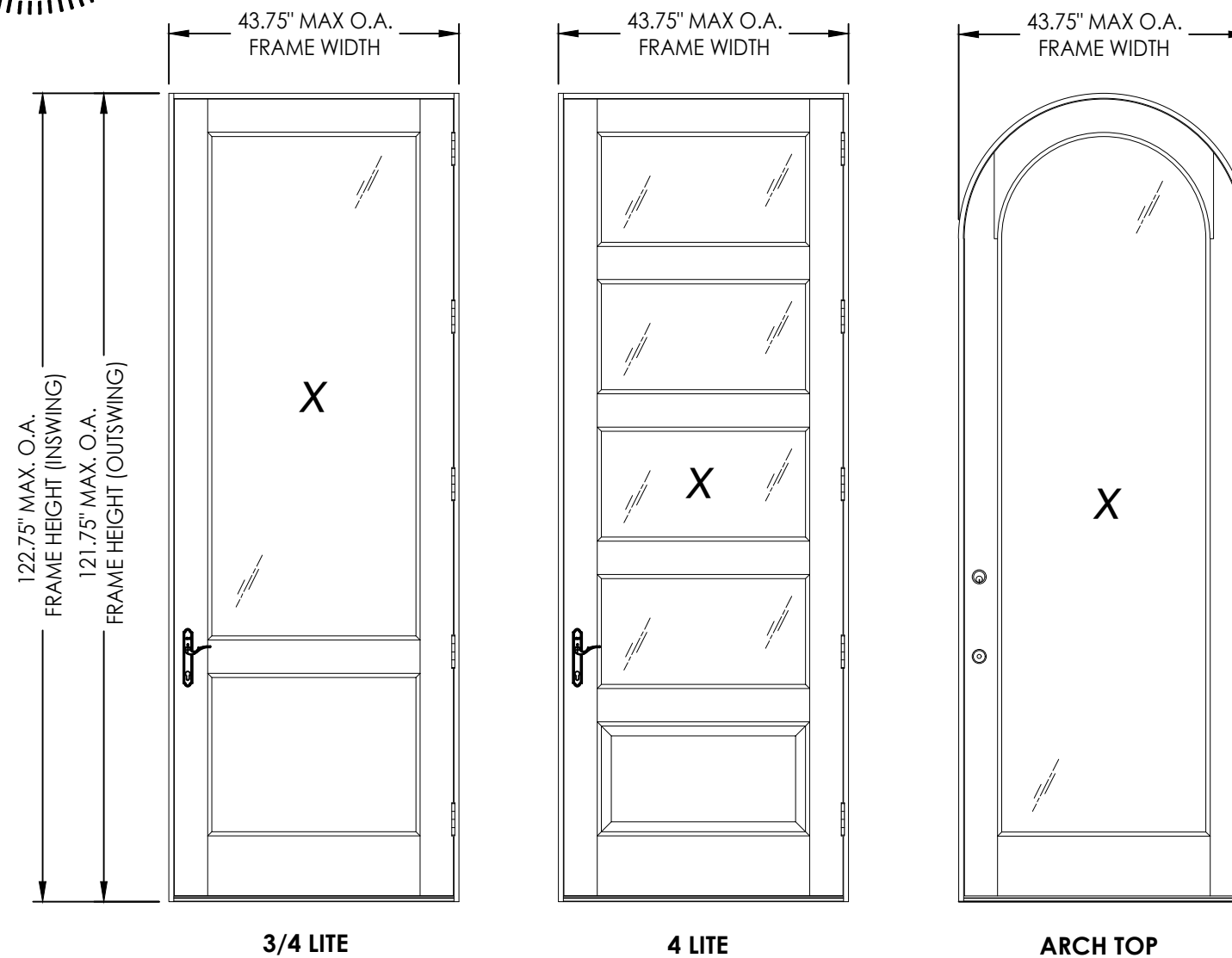
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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.
6. Outswing configurations meet water infiltration requirements for "HVHZ".
7. Inswing configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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



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



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING (WATER INFILTRATION REQUIRED)		DESIGN PRESSURE (PSF) OUTSWING (WATER INFILTRATION NOT REQUIRED)	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X (ARCH TOP)	+60.0	-70.0	+60.0	-60.0	+60.0	-60.0
X (4 LITE)	+60.0	-70.0	+60.0	-70.0	+70.0	-70.0
X (3/4 LITE, OPAQUE)	+60.0	-70.0	+60.0	-85.0	+75.0	-85.0

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

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

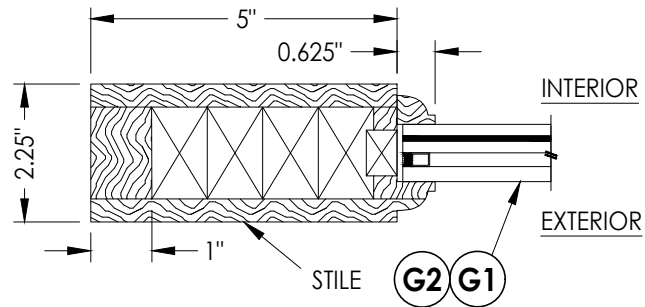
PRODUCT: MILLWORK 360
WOOD DOOR

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

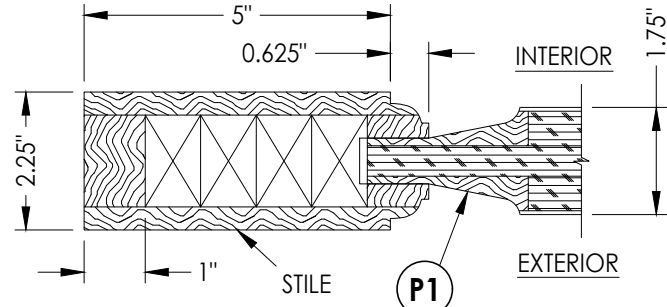
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SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-21891.14
SHEET	1 OF 11

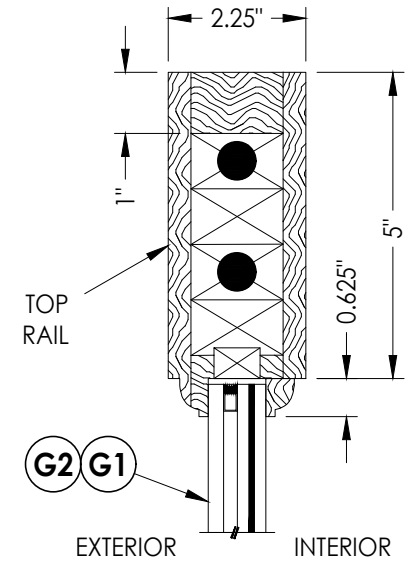
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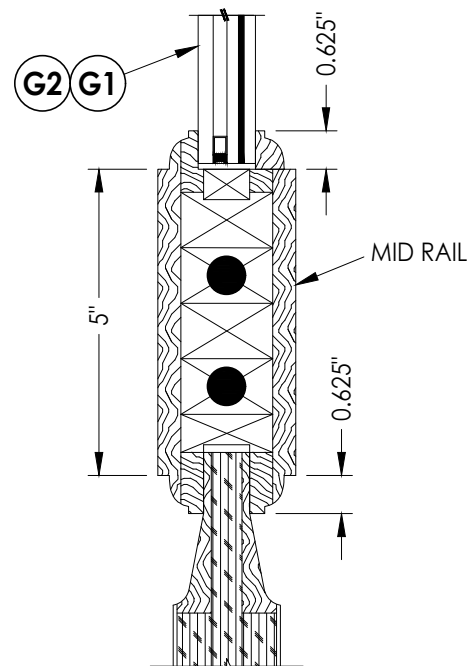
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2



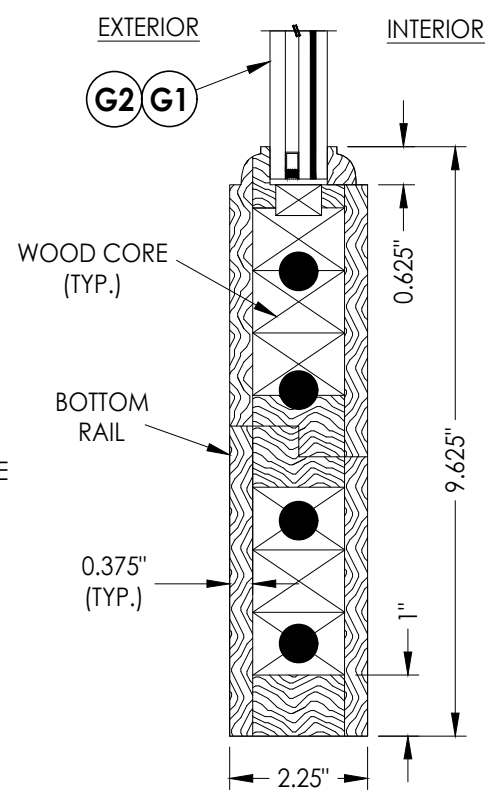
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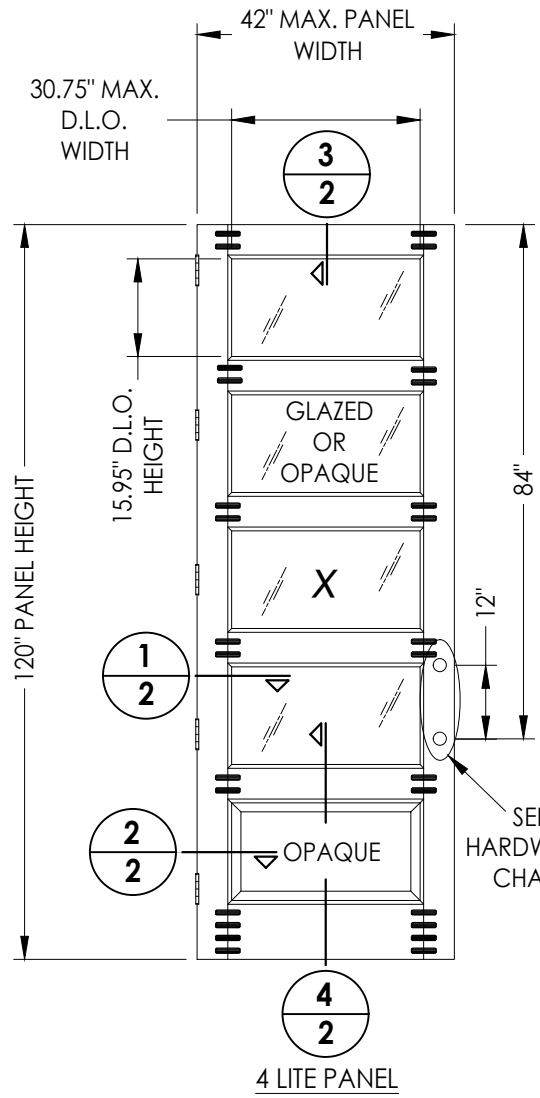
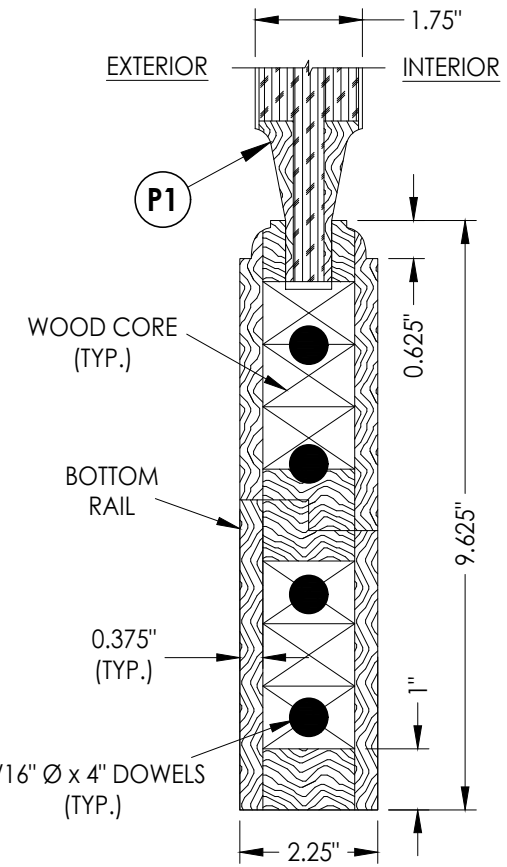
3 VERTICAL CROSS SECTION
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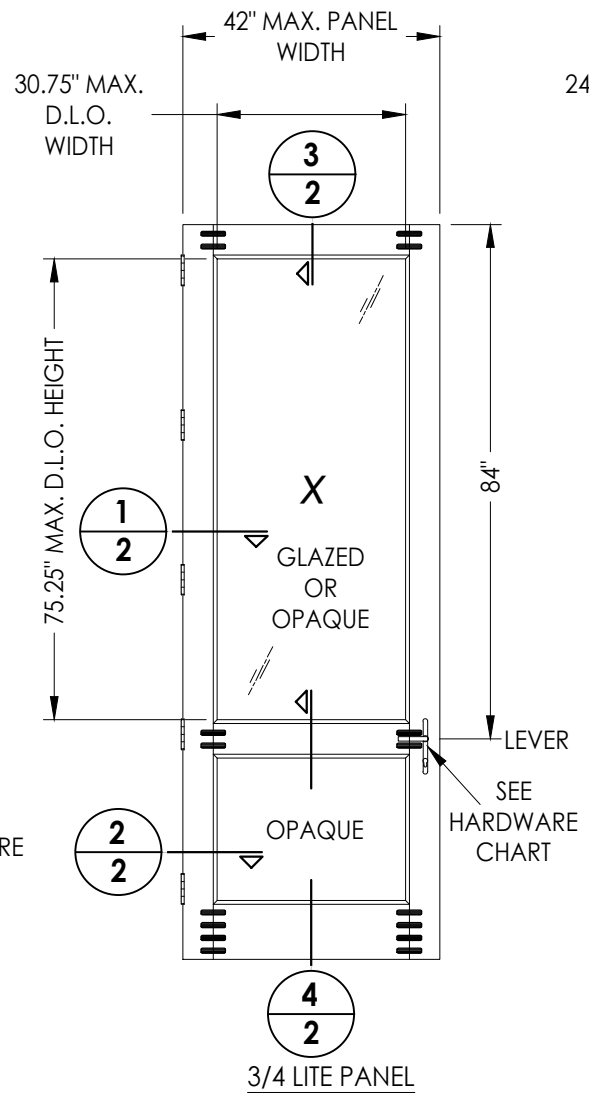
4 VERTICAL CROSS SECTION
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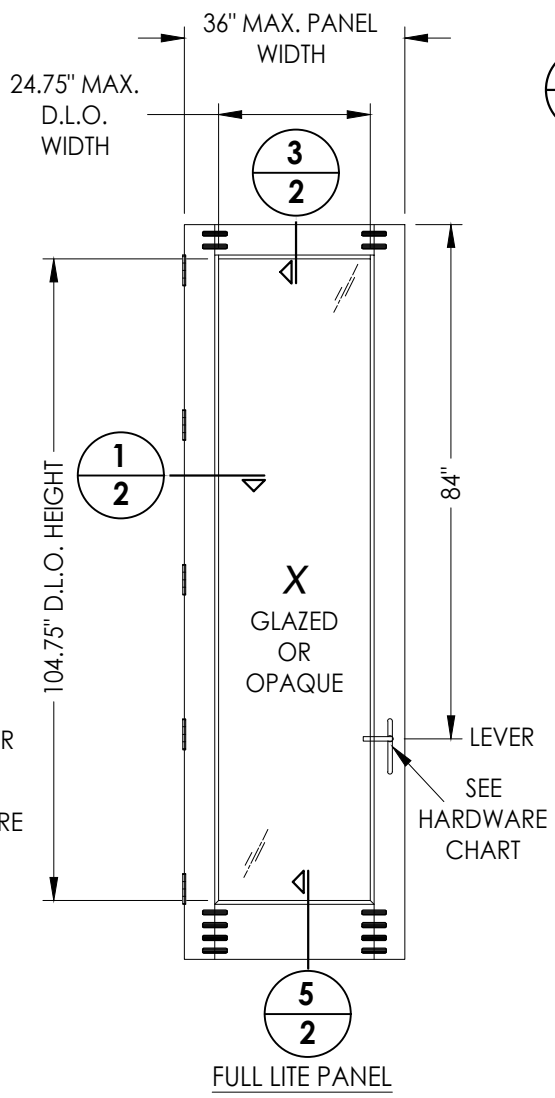
5 VERTICAL CROSS SECTION
2



4 LITE PANEL



3/4 LITE PANEL



FULL LITE PANEL

40 WOOD DOOR PANELS
Glazed or Opaque (MILLWORK 360)

WOOD DOOR COMPONENTS:
VENEER/EDGES: MAHOGANY (G = 0.55)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

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

PRODUCT:
MILLWORK 360
WOOD DOOR

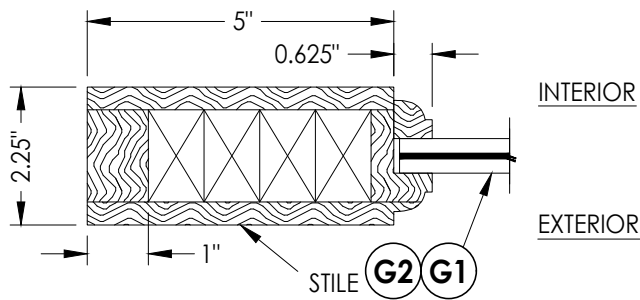
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

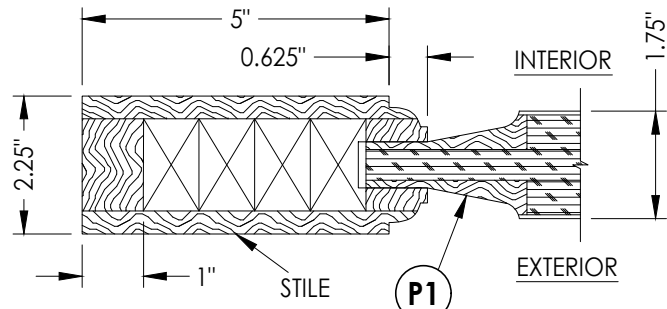
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1		8/26/26	UPDATE TO 9TH ED. (2026)	FBC	

DATE: 10/01/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-21891.14
SHEET 2 OF 11

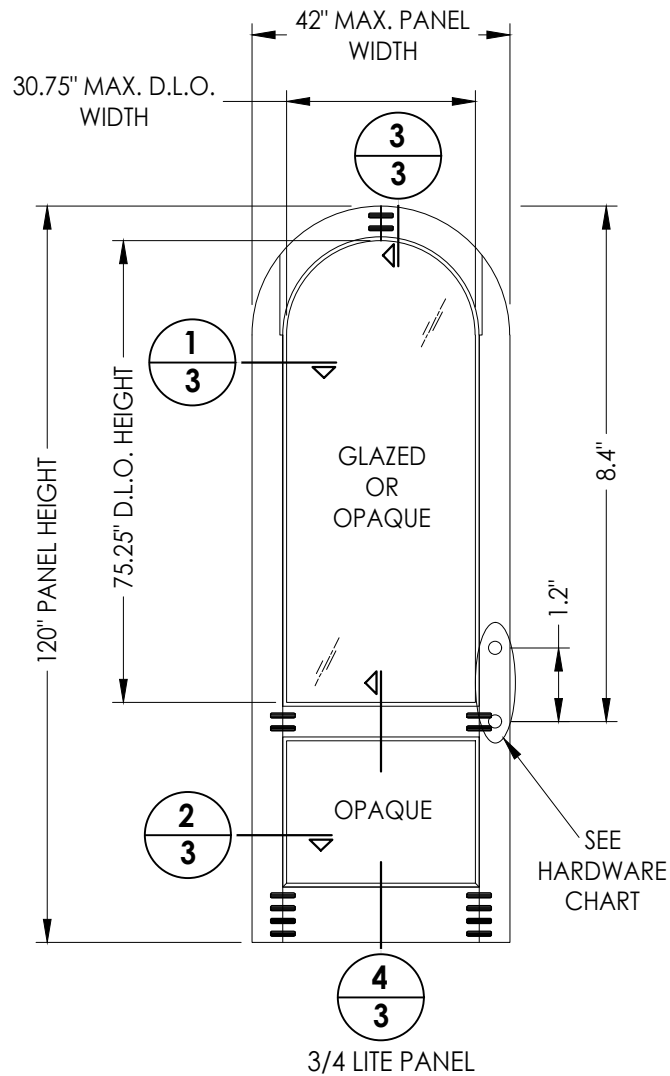
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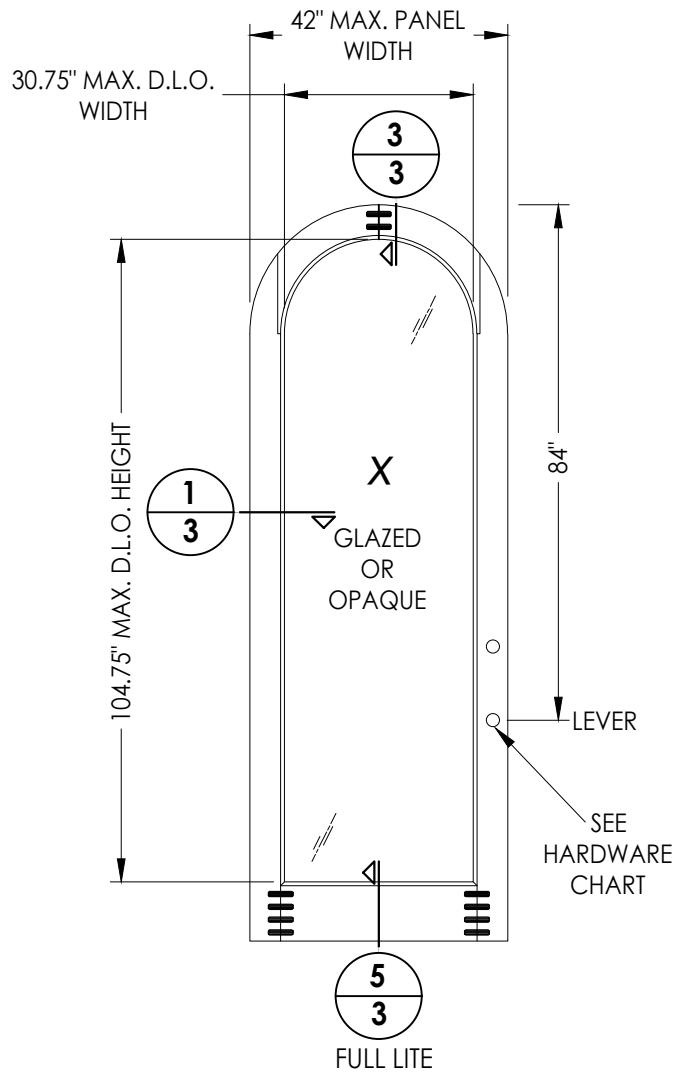
1
3 HORIZONTAL CROSS SECTION



2
3 HORIZONTAL CROSS SECTION



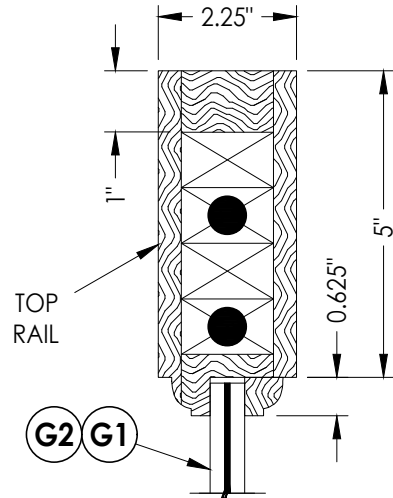
3/4 LITE PANEL



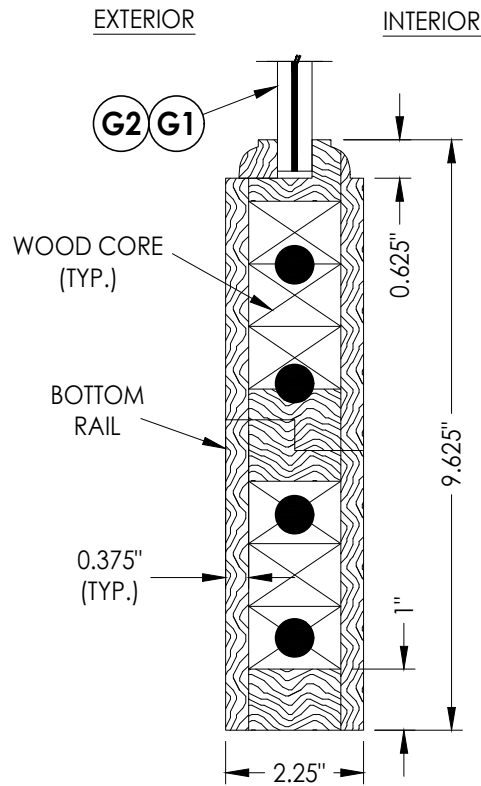
FULL LITE

41 WOOD DOOR PANEL
Glazed or Opaque (MILLWORK 360)

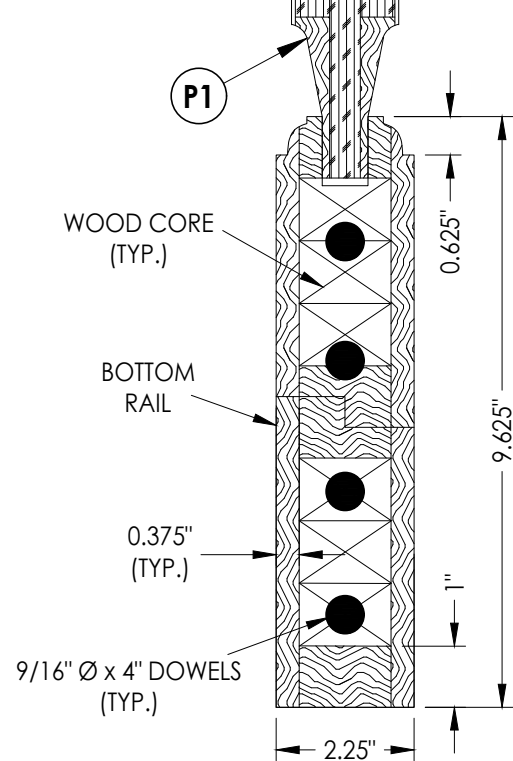
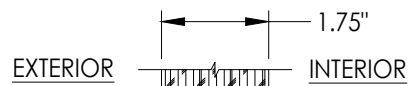
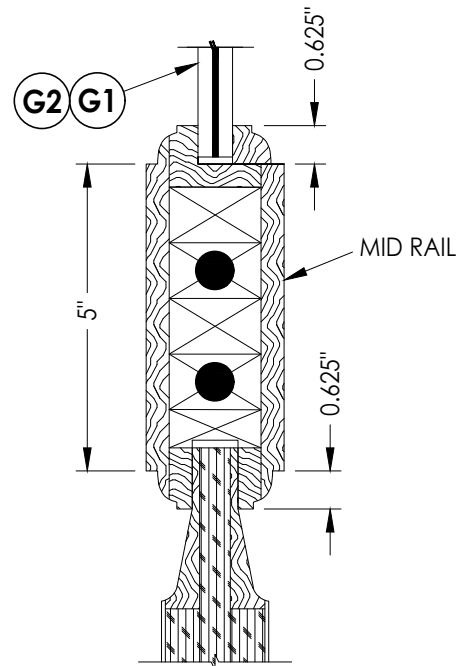
WOOD DOOR COMPONENTS:
VENEER/EDGES: MAHOGANY (G = 0.55)
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)



3
3 VERTICAL CROSS SECTION



5
3 VERTICAL CROSS SECTION



4
3 VERTICAL CROSS SECTION

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Lyndon F. Schmidt
P.E. No. 43409

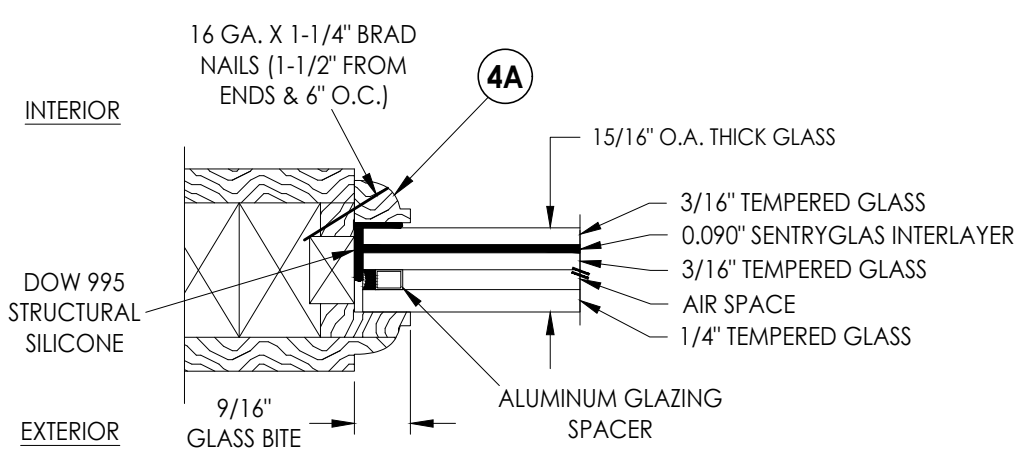
PRODUCT:
MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL
DETAILS

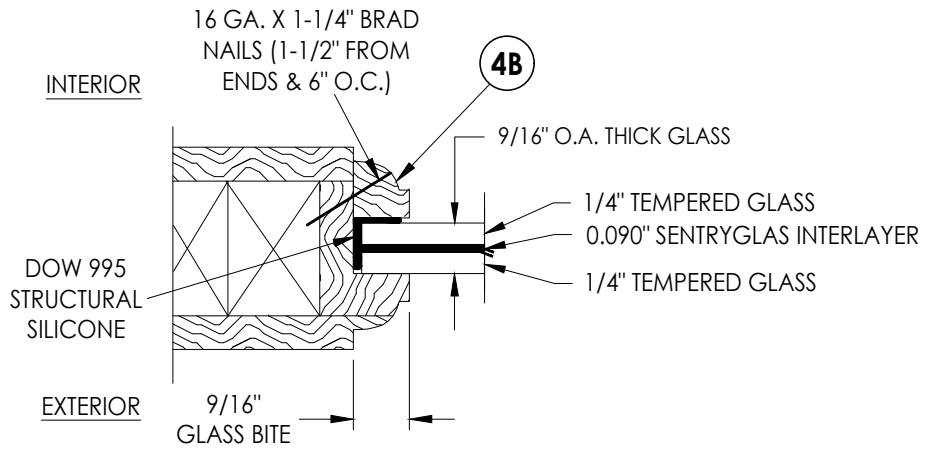
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DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-21891.14
SHEET 3 OF 11

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FBPE Registry No. 9813

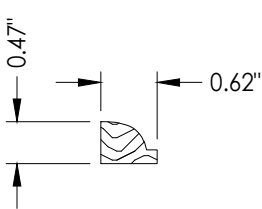
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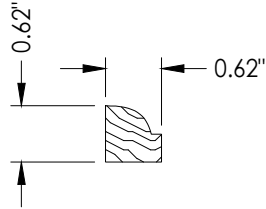
G1 GLAZING DETAIL



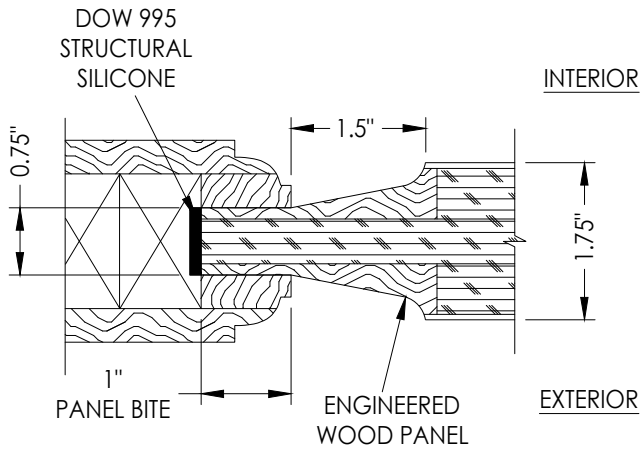
G2 GLAZING DETAIL



4A GLAZING BEAD



4B GLAZING BEAD



P1 PANEL INFIL DETAIL

Documents Prepared By:

Lyndon F. Schmidt

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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:

MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:

GLAZING & PANEL INFIL
DETAILS

DATE: 10/01/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

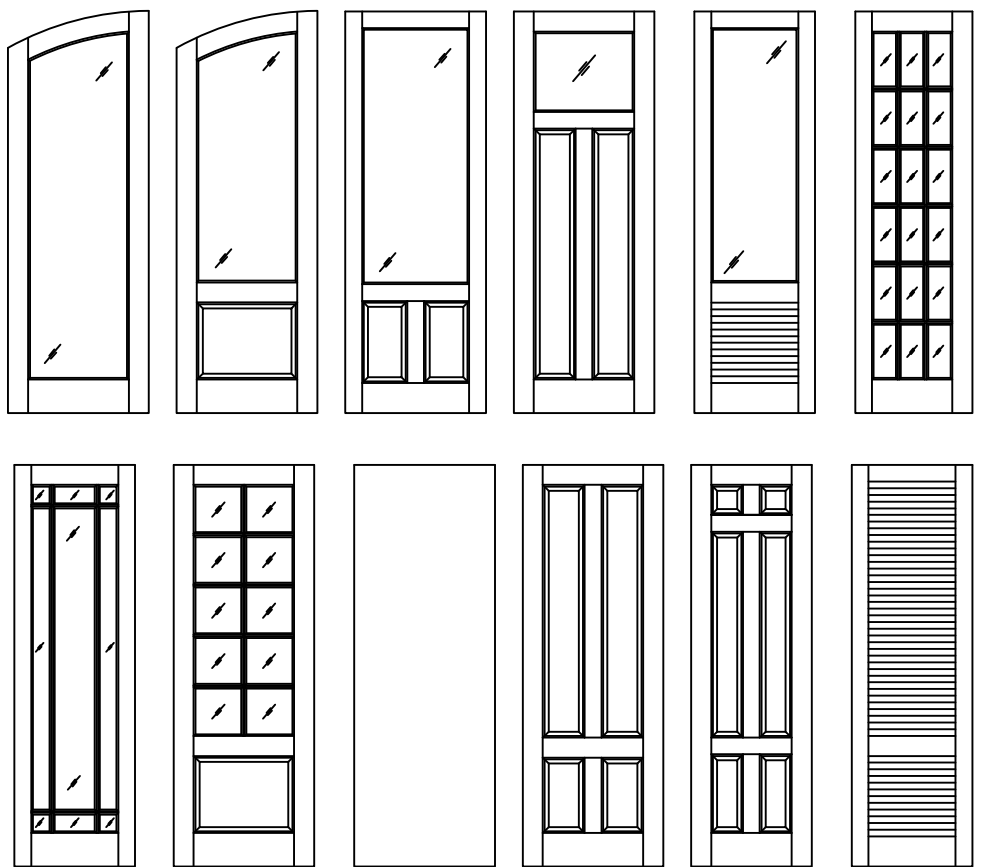
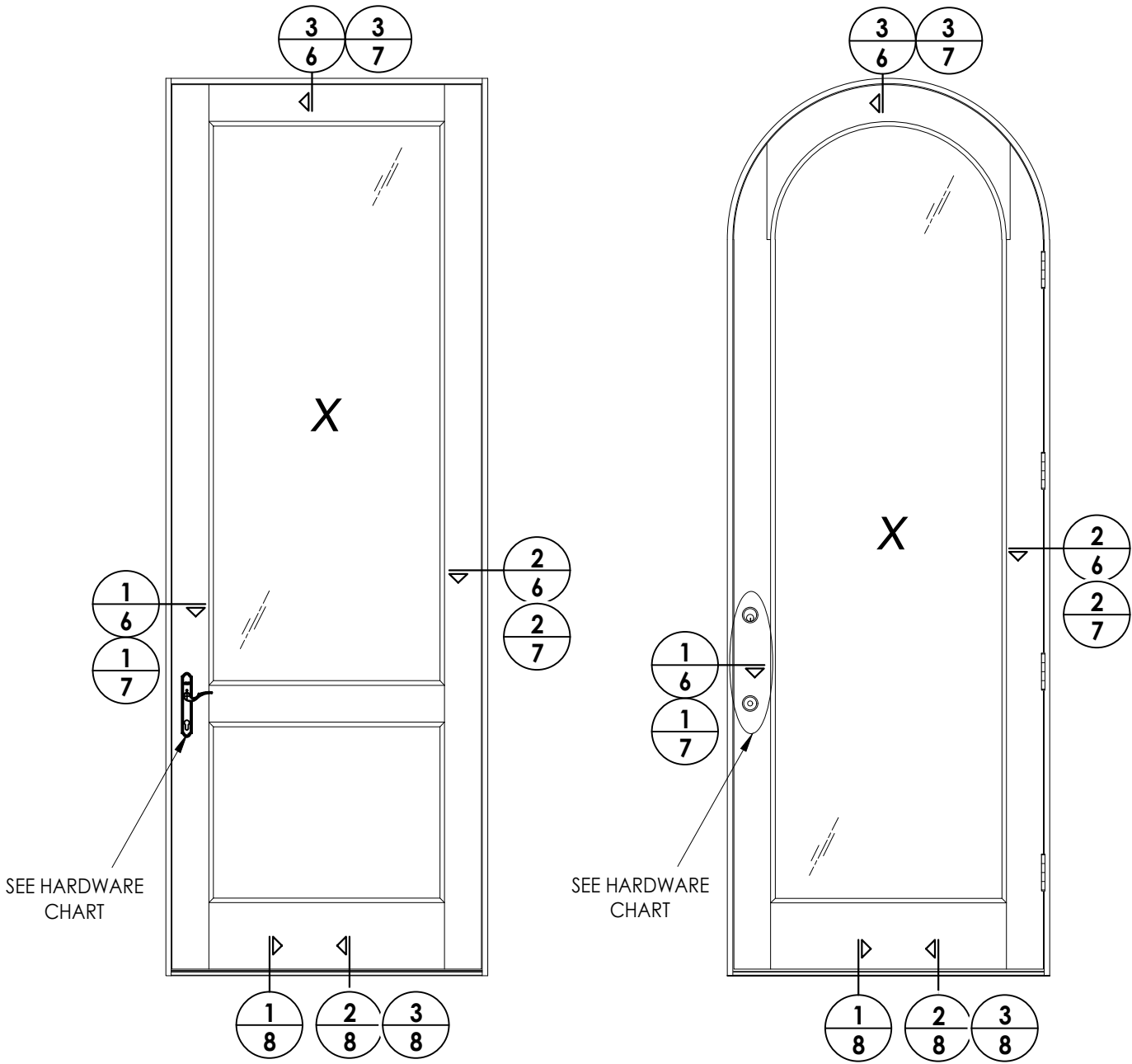
DRAWING NO.:

FL-21891.14

SHEET 4 OF 11

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Millwork 360 Narrow Stile & Rail 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	MAX. DESIGN PRESSURE
HOPPE	MULTIPOINT HARDWARE: HLS 9000 SERIES MULTIPOINT LOCK ROUNDBOLT/SHOOTBOLT (5-PT.)	+75/-85 PSF
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)	+60/-70 PSF

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

PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 10/01/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-21891.14

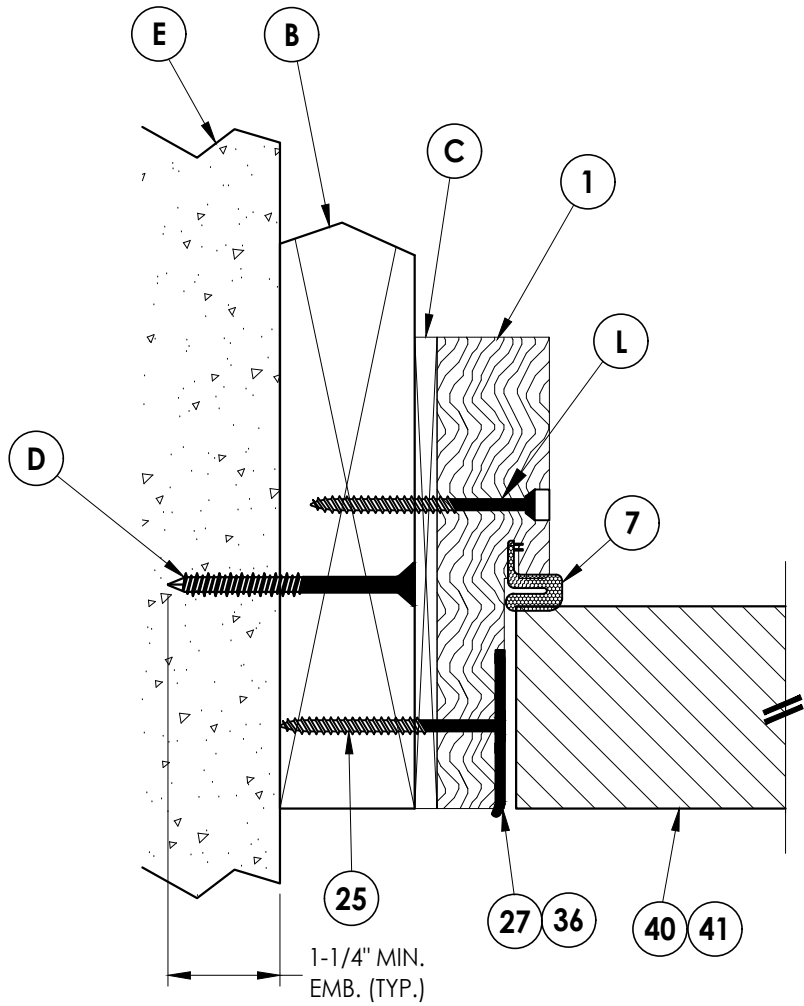
SHEET 5 OF 11

REVISIONS

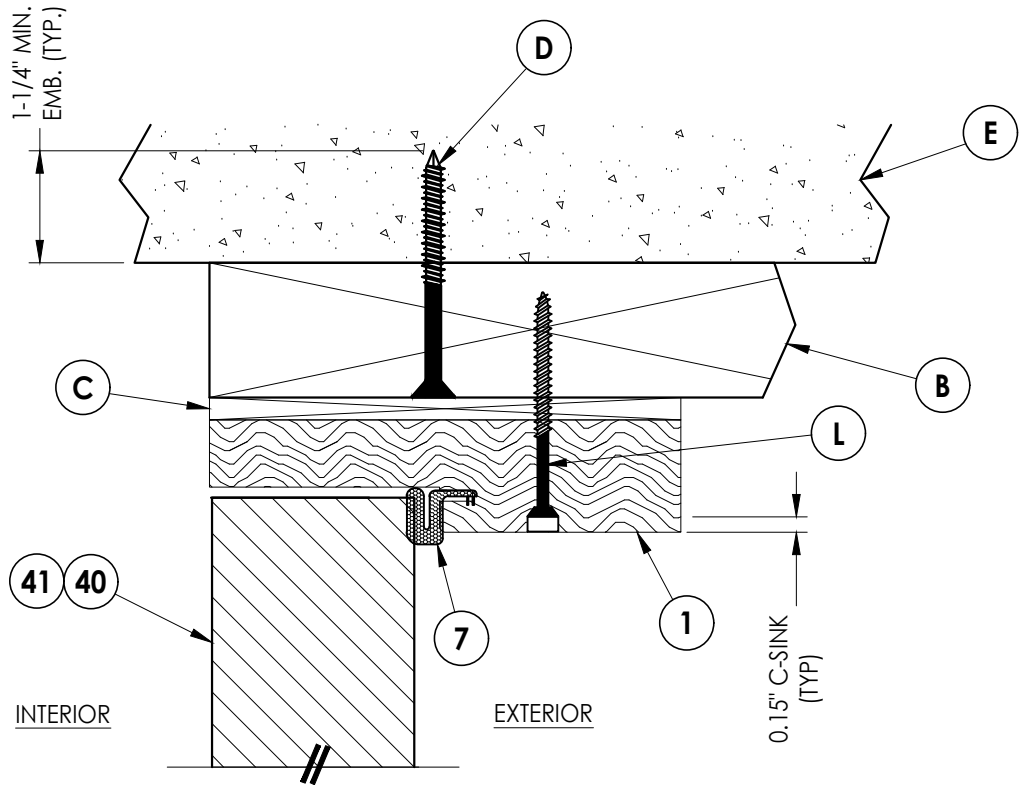
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RW BUILDING CONSULTANTS, INC.
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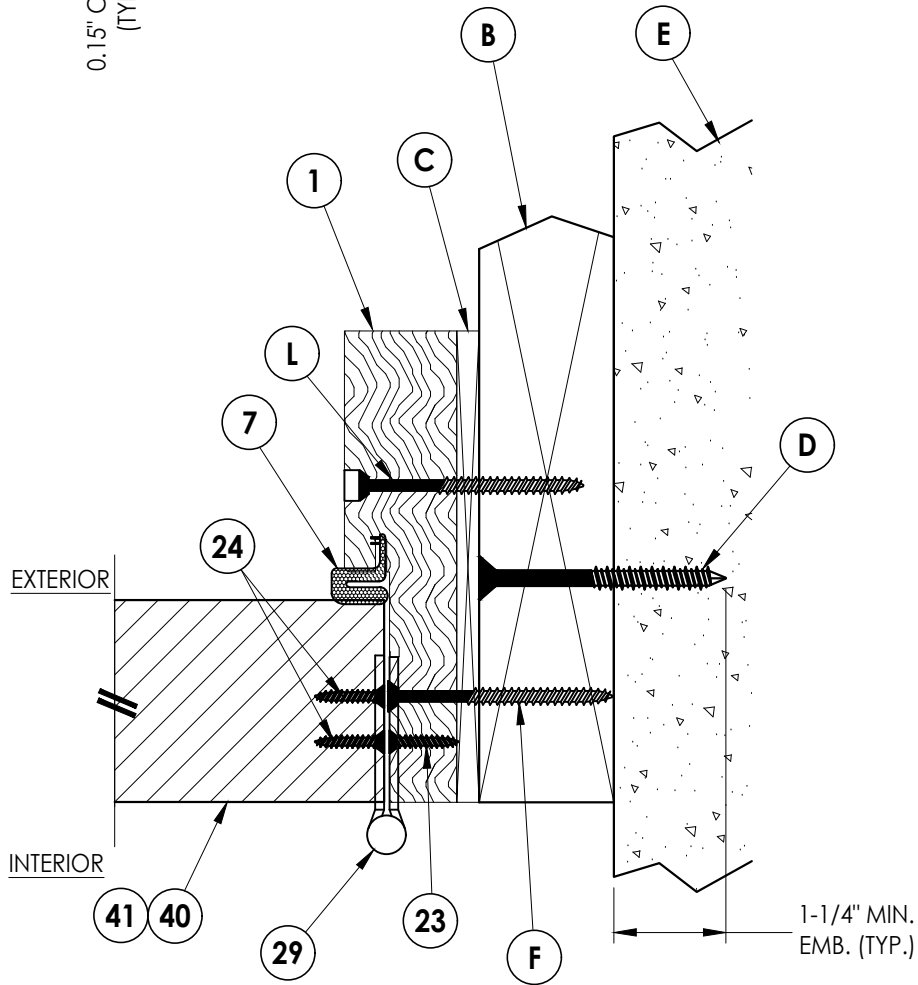
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1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



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



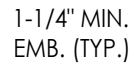
2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)

DATE: 10/01/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-21891.14
SHEET 6 OF 11

PRODUCT: MILLWORK 360 WOOD DOOR
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

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



1 **HORIZONTAL CROSS SECTION**

7 Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



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



2 HORIZONTAL CROSS SECTION

7 Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

[illegible]

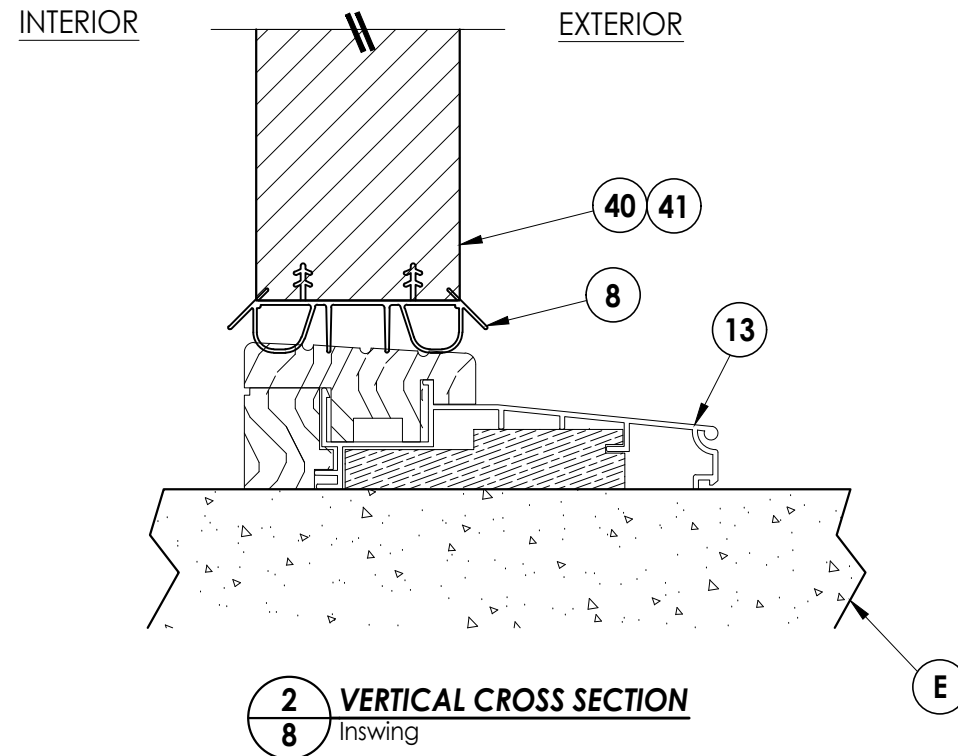
PRODUCT:

MILLWORK 360
WOOD DOOR

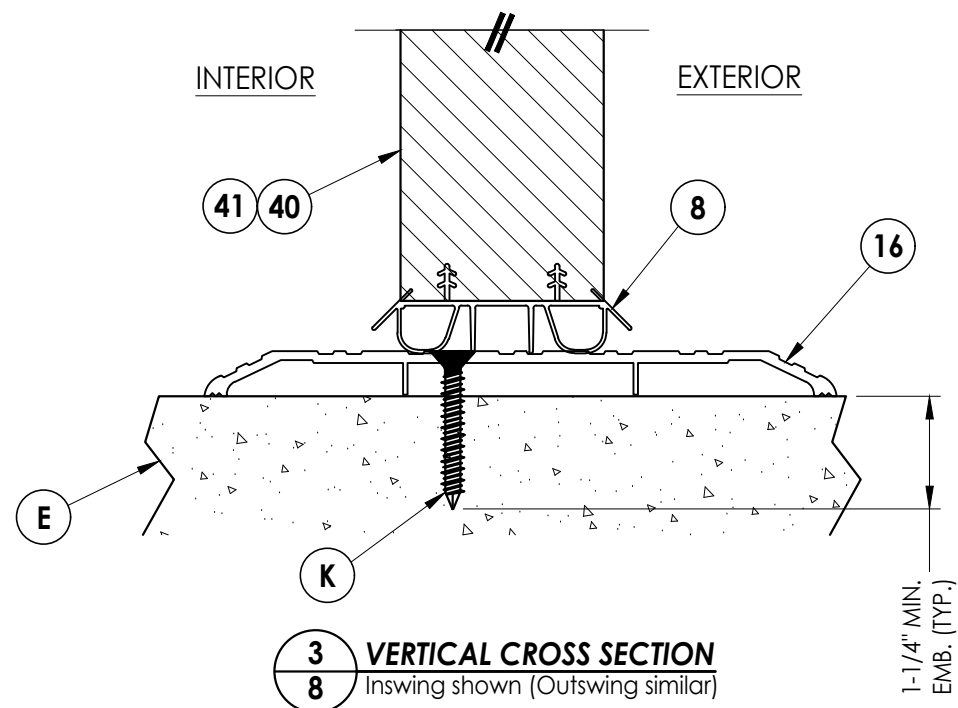
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

1 **VERTICAL CROSS SECTION**
8 Outswing



2 **VERTICAL CROSS SECTION**
8 Inswing



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

1	8/26/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
NO.	DATE	REVISIONS			
					BY

DATE: 10/01/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: *RW*

DRAWING NO.:

FL-21891.14

SHEET 8 OF 11

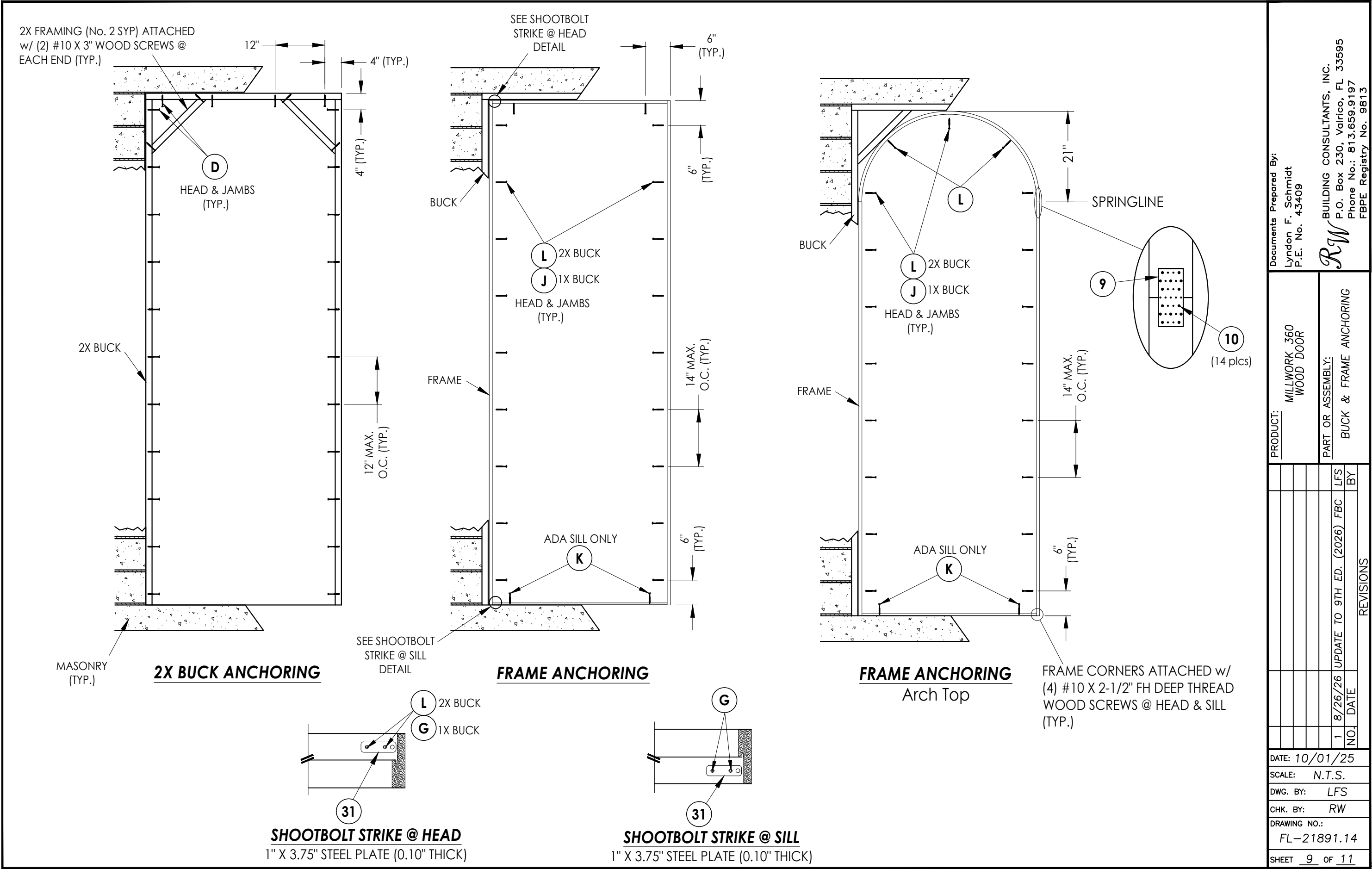
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

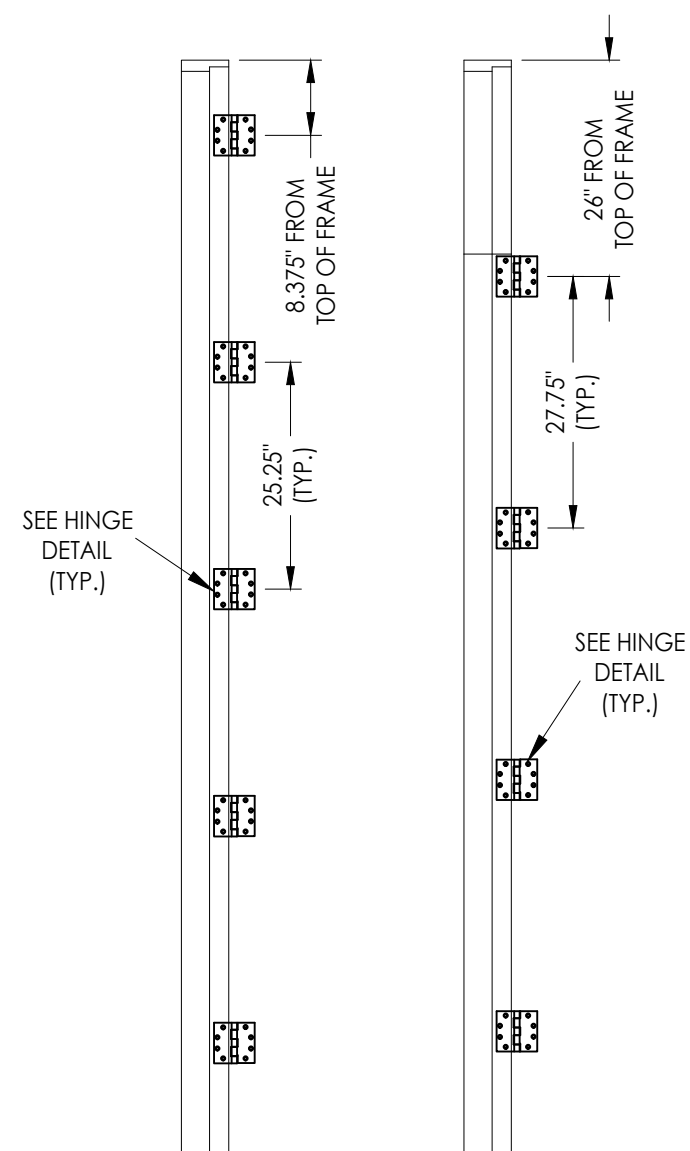
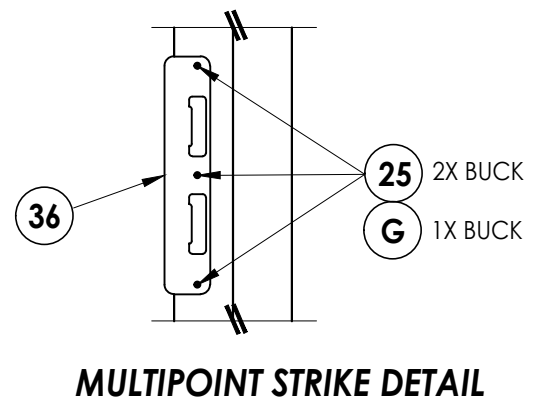
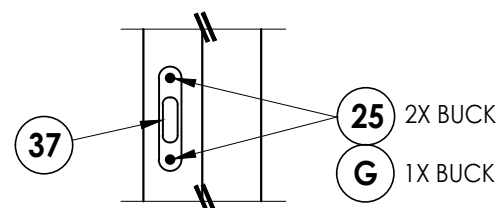
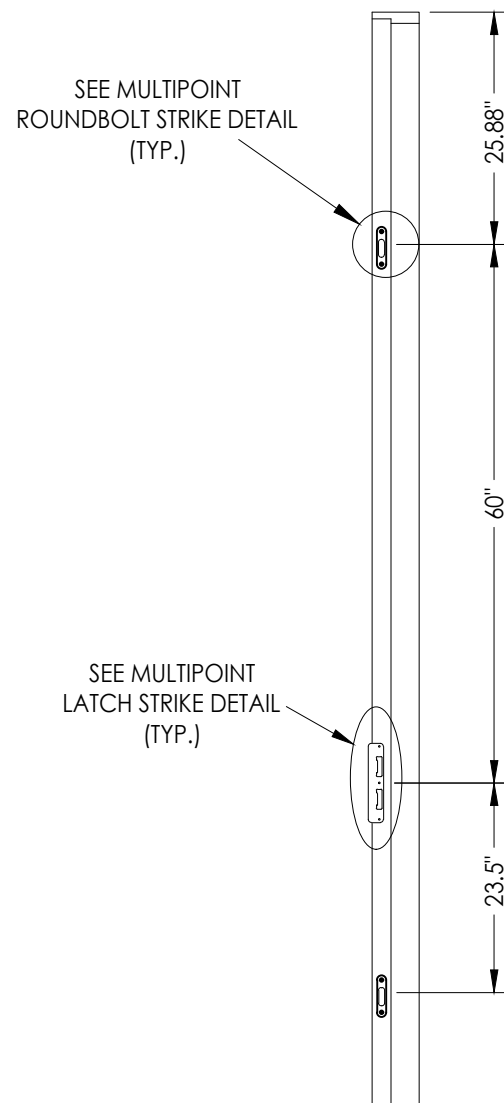
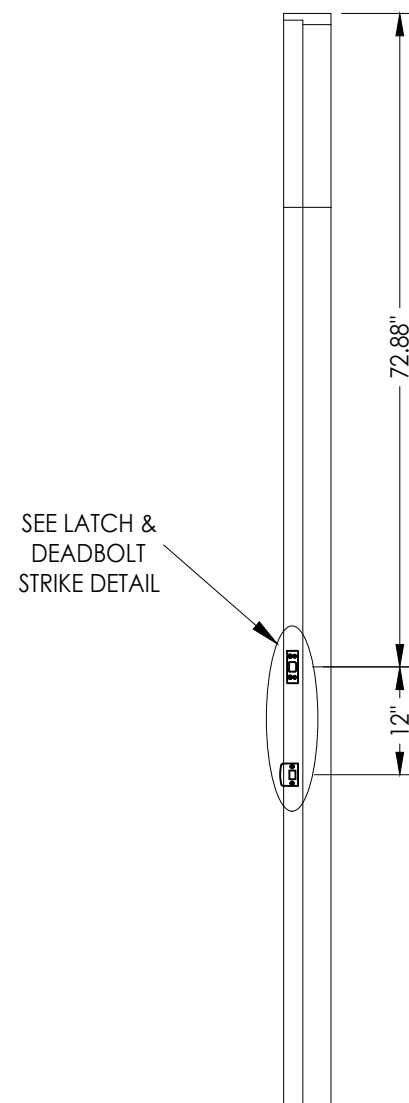
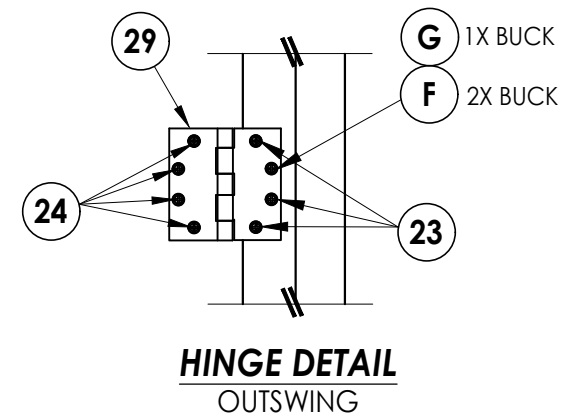
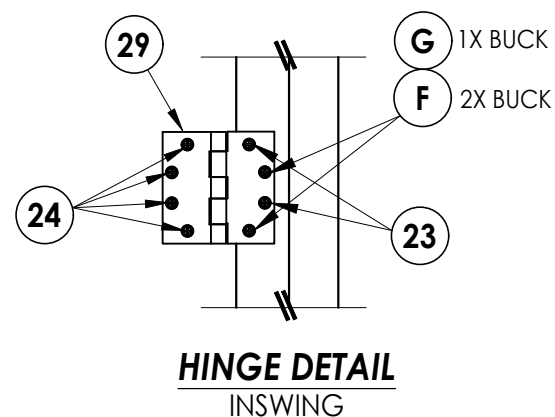
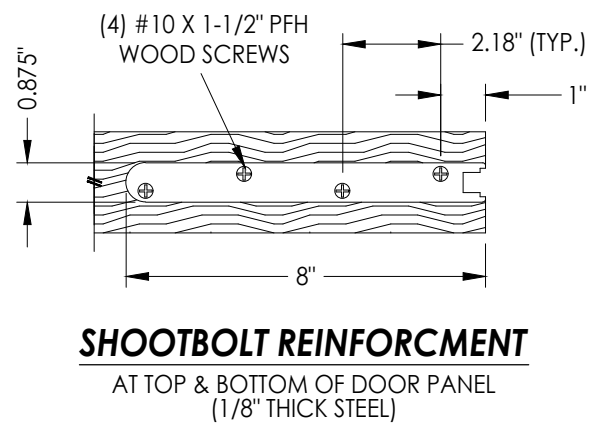
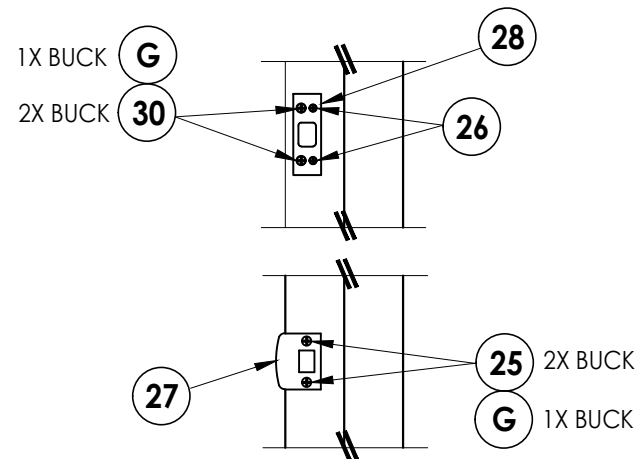
PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

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FBPE Registry No. 9813

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

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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
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
1	WOOD JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	20 GA. SPLICE PLATE (SIMPSON® Strong-Tie TP37)	STEEL
10	#6 X 1/2" PPH WOOD SCREW	STEEL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
16	ADA THRESHOLD	ALUM
23	#12 X 3/4" PFH WOOD SCREW	STEEL
24	#12 X 1-1/4" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	5" X 5" HINGE	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
31	SHOOTBOLT STRIKE PLATE	STEEL
36	MULTIPOINT STRIKE PLATE	STEEL
37	MULTIPOINT ROUND BOLT STRIKE DETAIL	STEEL
40	DOOR PANEL	WOOD
41	DOOR PANEL	WOOD

WOOD FRAME COMPONENTS: MAHOGANY (G = 0.55)

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:

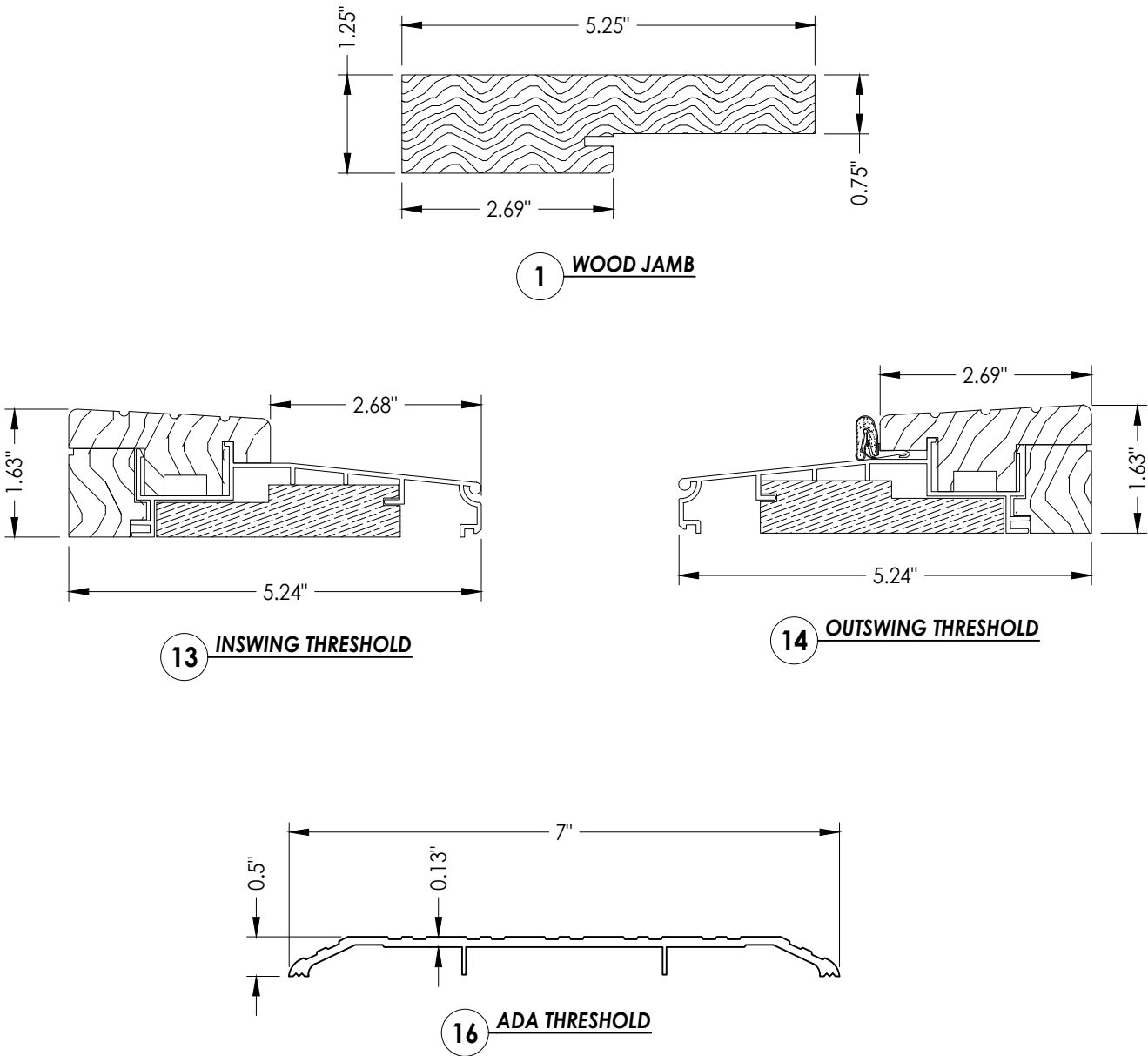
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
DeWALT ULTRACON®	3/16"	1-1/4"	3"	1-1/2"

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.

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.



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

RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	DESCRIPTION	BY
1	8/26/26	UPDATE TO 9TH ED. (2026) FBC	LFS

DATE: 10/01/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-21891.14

SHEET 11 OF 11