



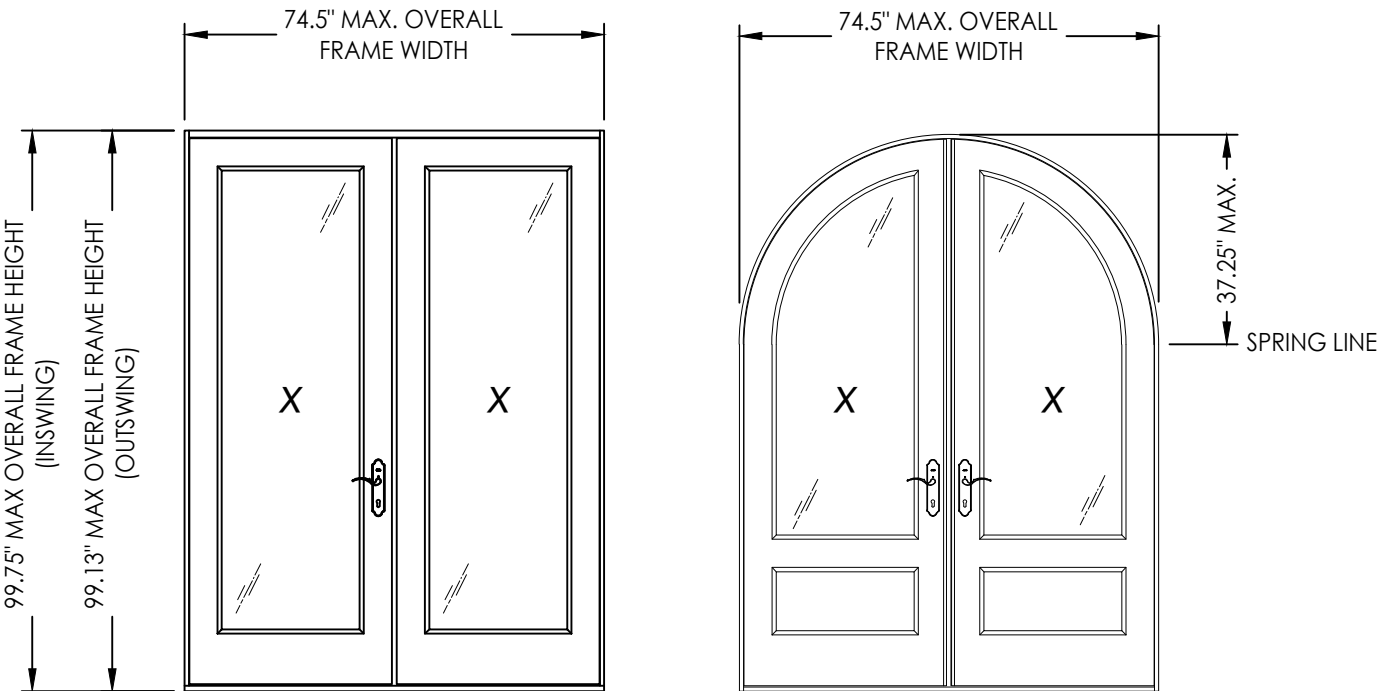
DALLAS MILLWORK, Inc.

WOOD ENTRY DOOR
DOUBLE
INSWING / OUTSWING
"IMPACT"

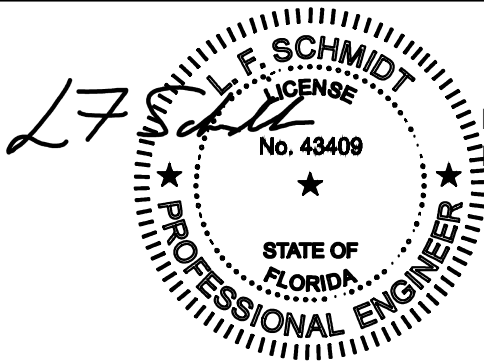
GENERAL NOTES

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 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 excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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	Elevations
4	Horizontal cross sections
5	Vertical cross sections
6	Buck anchoring
7	Frame anchoring
8	Components
9	Bill of materials



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.5" X 99.75"	+65.0	-75.0	+65.0	-75.0



Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:23:55 -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

DALLAS MILLWORK
WOOD DOOR

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

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

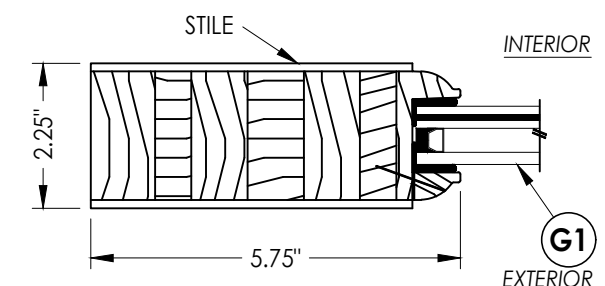
CHK. BY: LFS

DRAWING NO.: FL-30905.3

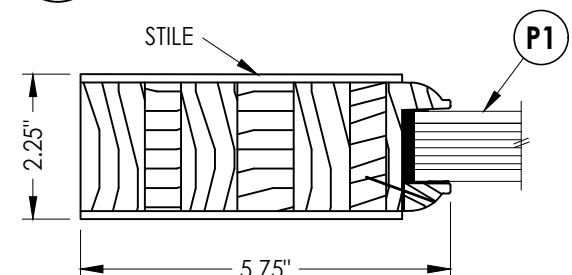
SHEET 1 OF 9

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

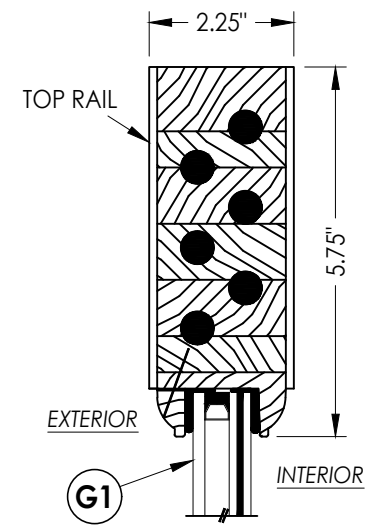
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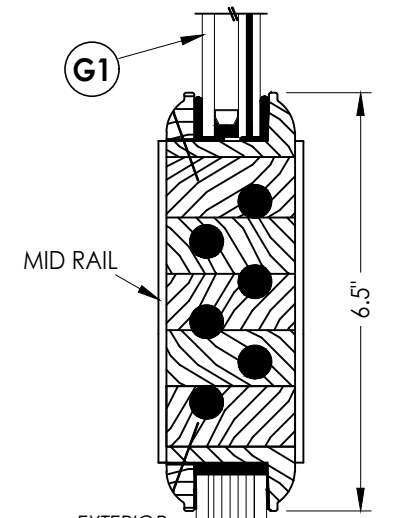
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2 HORIZONTAL CROSS SECTION



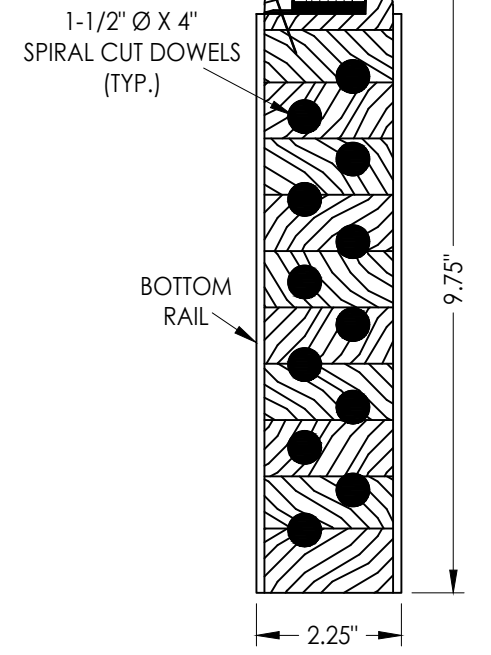
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2 HORIZONTAL CROSS SECTION



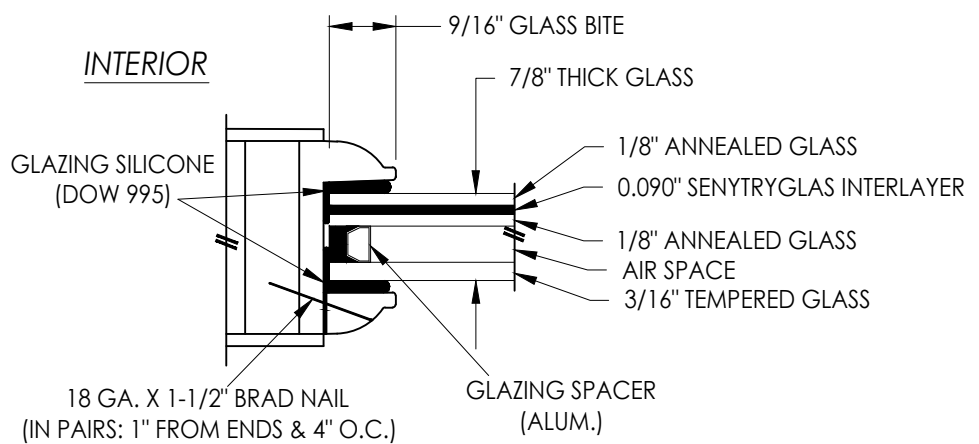
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2 VERTICAL CROSS SECTION



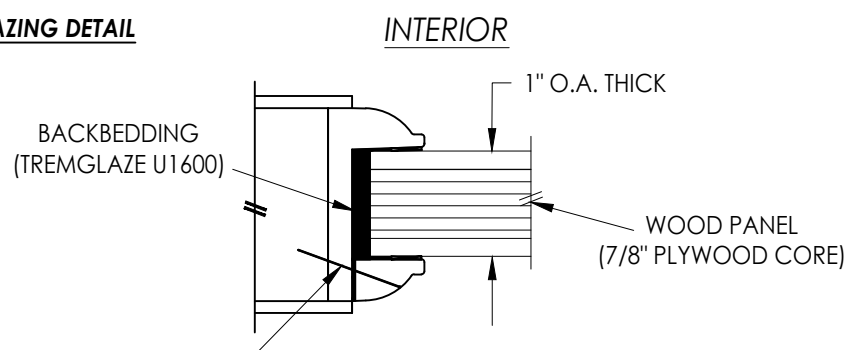
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2 VERTICAL CROSS SECTION



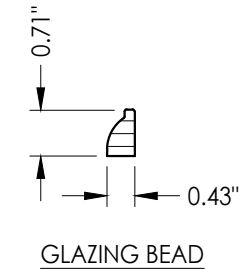
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2 VERTICAL CROSS SECTION



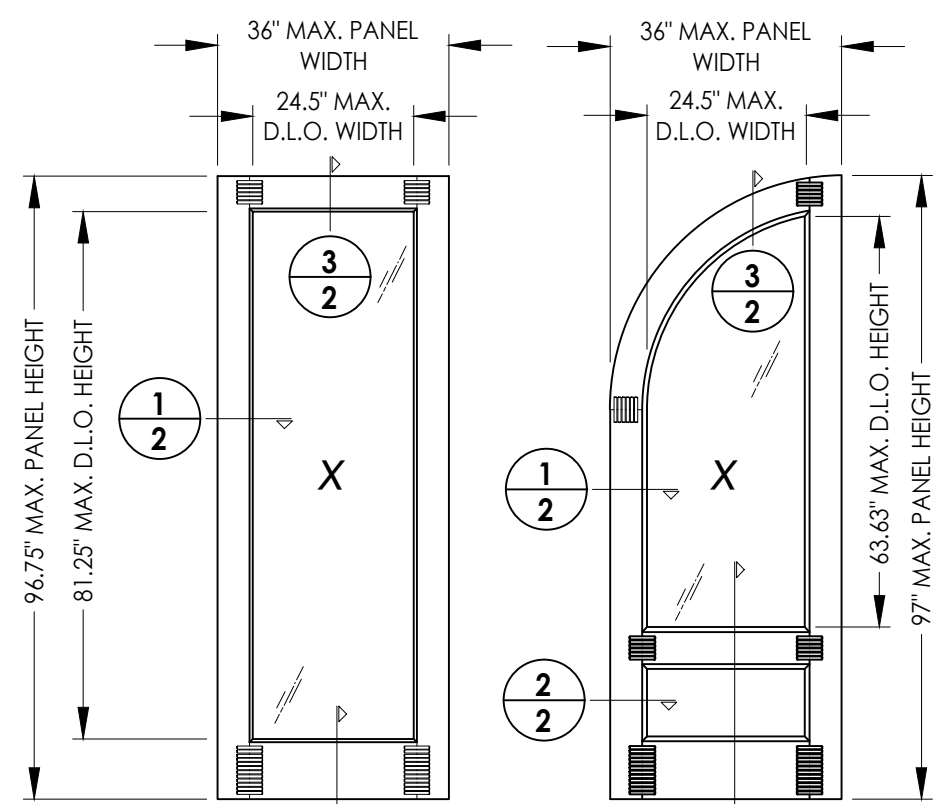
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



GLAZING BEAD



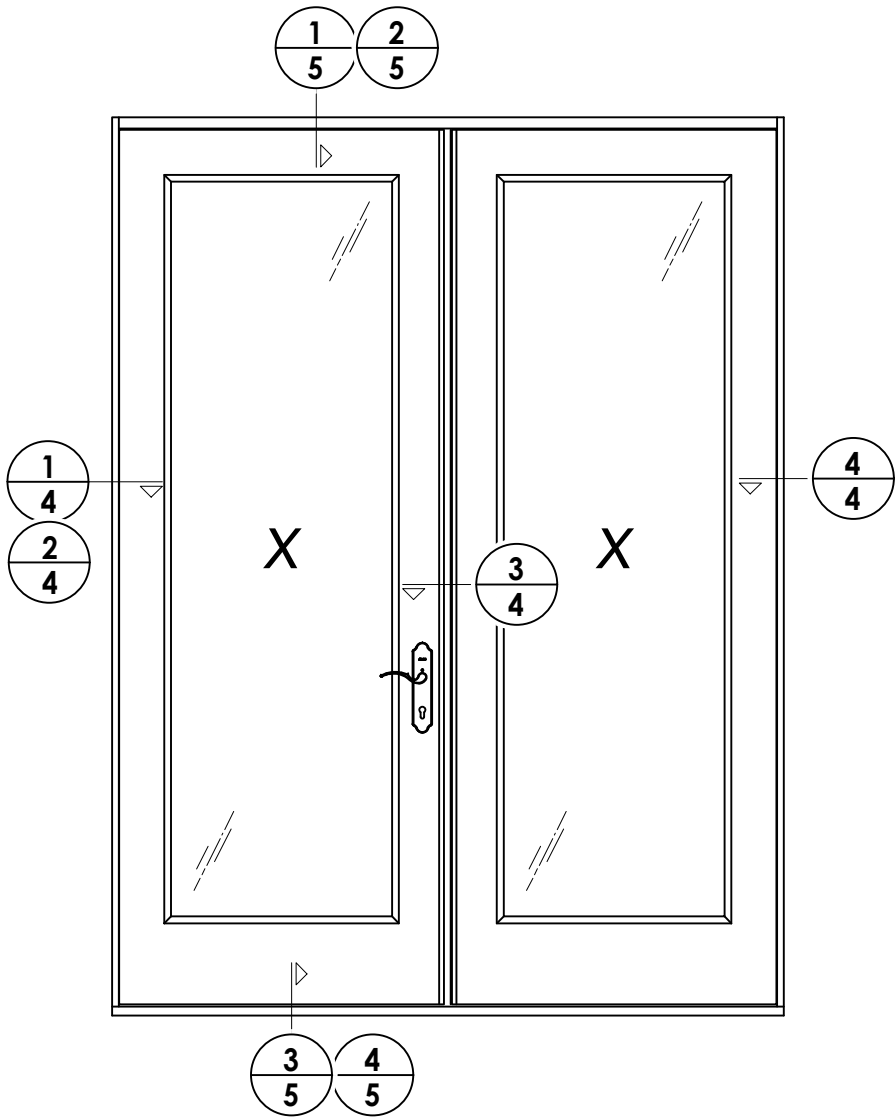
40
2 WOOD DOOR
Full Lite

41
2 WOOD DOOR
Arch Top - 3/4 Lite

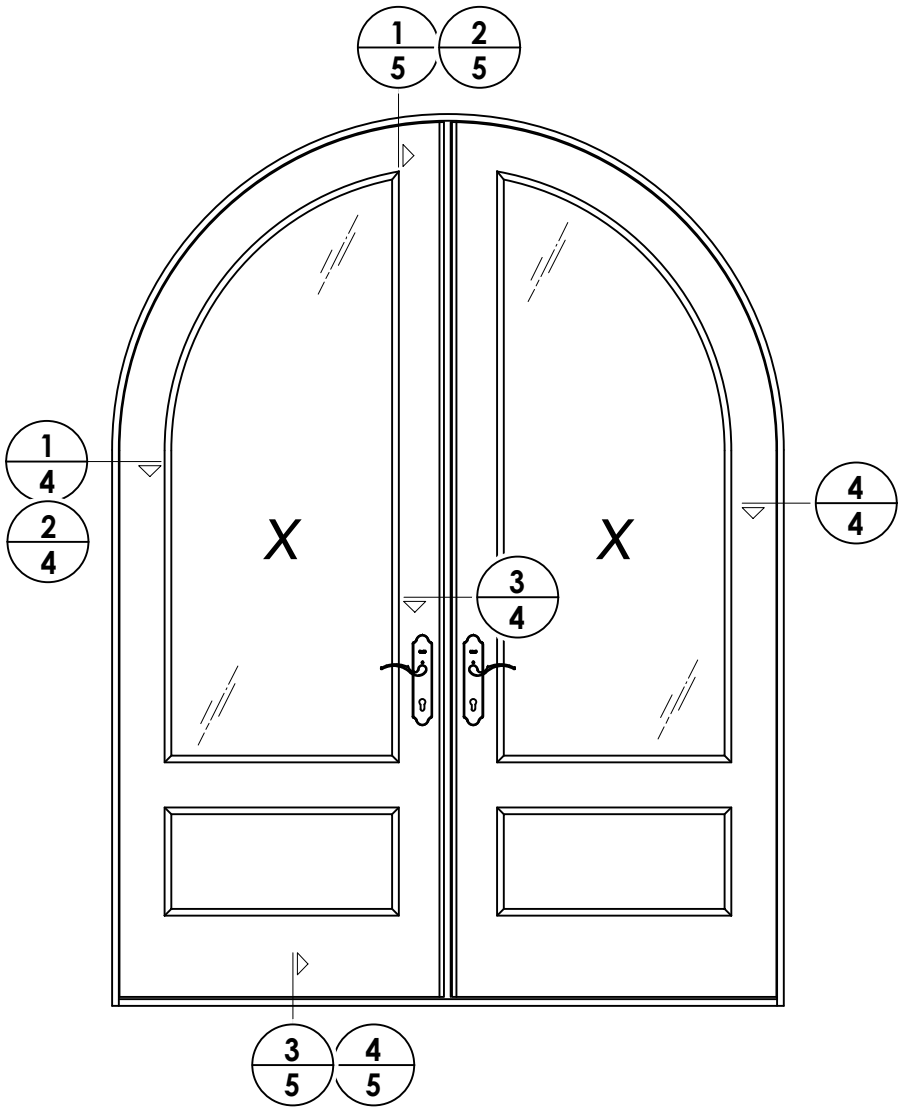
WOOD DOOR PANEL MATERIAL: SAPELE (S.G. >= 0.54)

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: DALLAS MILLWORK WOOD DOOR		PART OR ASSEMBLY: DOOR/SIDELITE PANEL DETAILS					
				LFS	(2023) FBC	REVISIONS	
				LFS	(2020) FBC		
				BY			
				NO.	DATE		
DATE: 11/20/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-30905.3							
SHEET 2 OF 9							

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HARDWARE CHART		
MANUFACTURER	MODEL	DOOR
HOPPE	HLS 9000 (3 pt. Shootbolt)	ACTIVE
TRUTH	SENTRY FLIP LEVER (2 pt. Shootbolt)	INACTIVE



HARDWARE CHART		
MANUFACTURER	MODEL	DOOR
HOPPE	HLS 9000 (3 pt. Shootbolt)	ACTIVE
HOPPE	HLS 9000 (2 pt. Shootbolt)	INACTIVE

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-30905.3

SHEET 3 OF 9

PRODUCT:

DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:

ELEVATIONS

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

RW

BUILDING CONSULTANTS, INC.

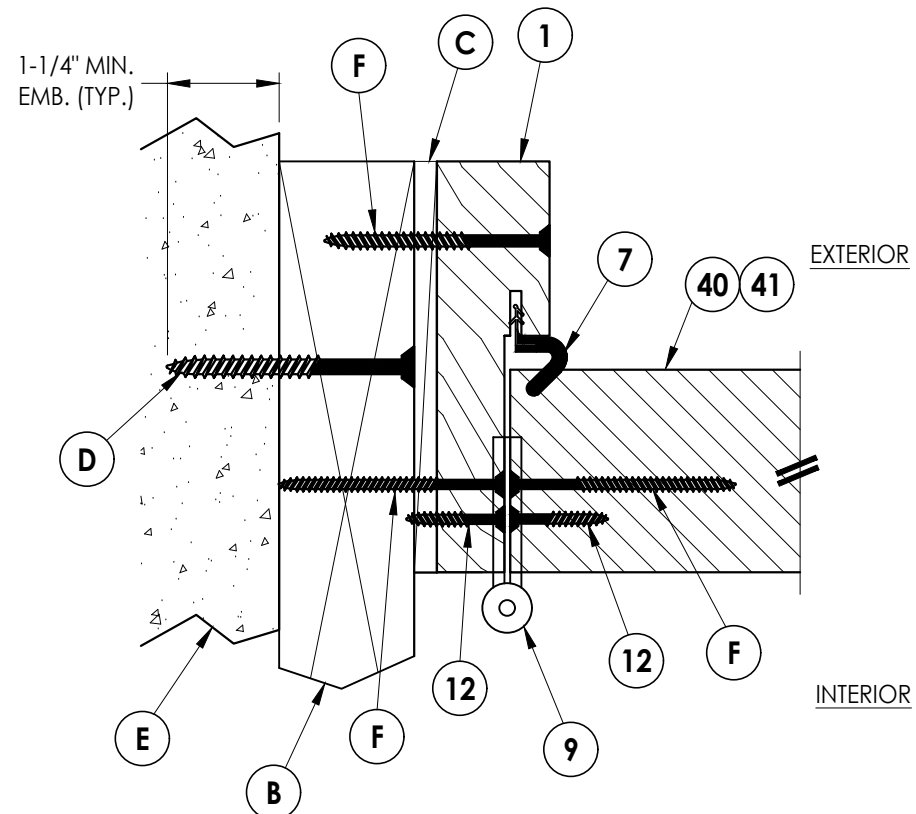
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Phone No.: 813.659.9197

FBPE Registry No. 9813

REVISIONS

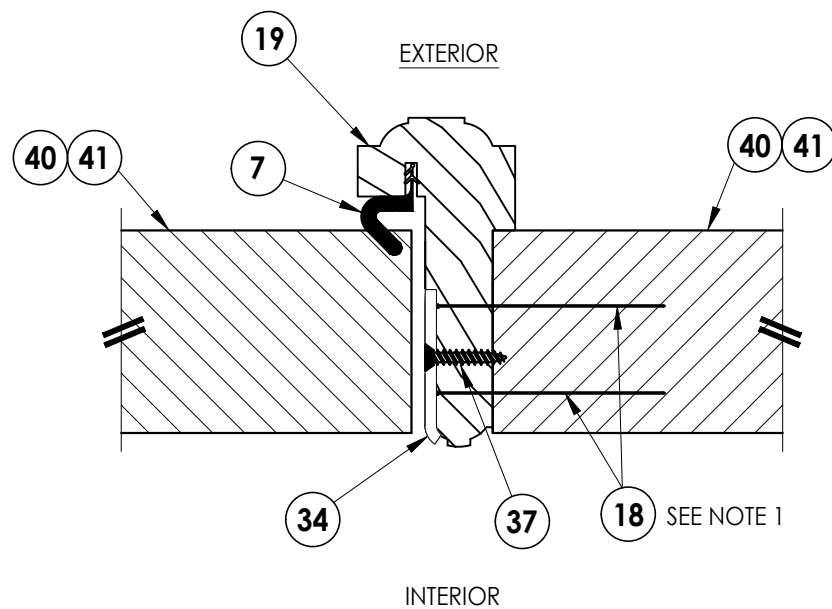
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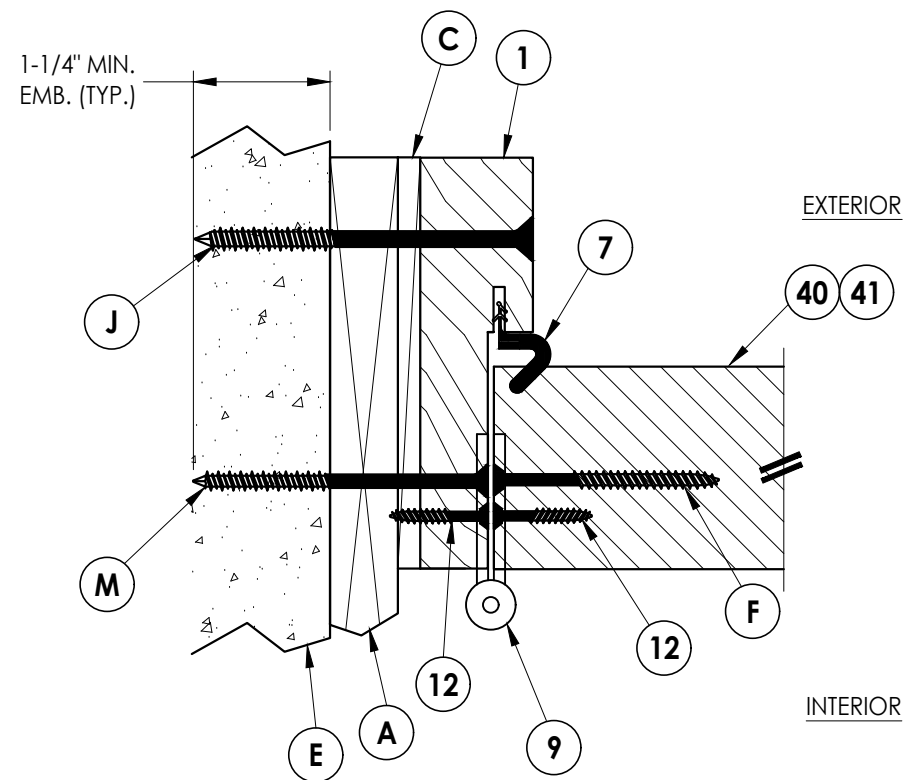
1 **HORIZONTAL CROSS SECTION**
4 Inswing Shown (Outswing Similar)
 Shown w/ 2X Buck Construction

NOTES:

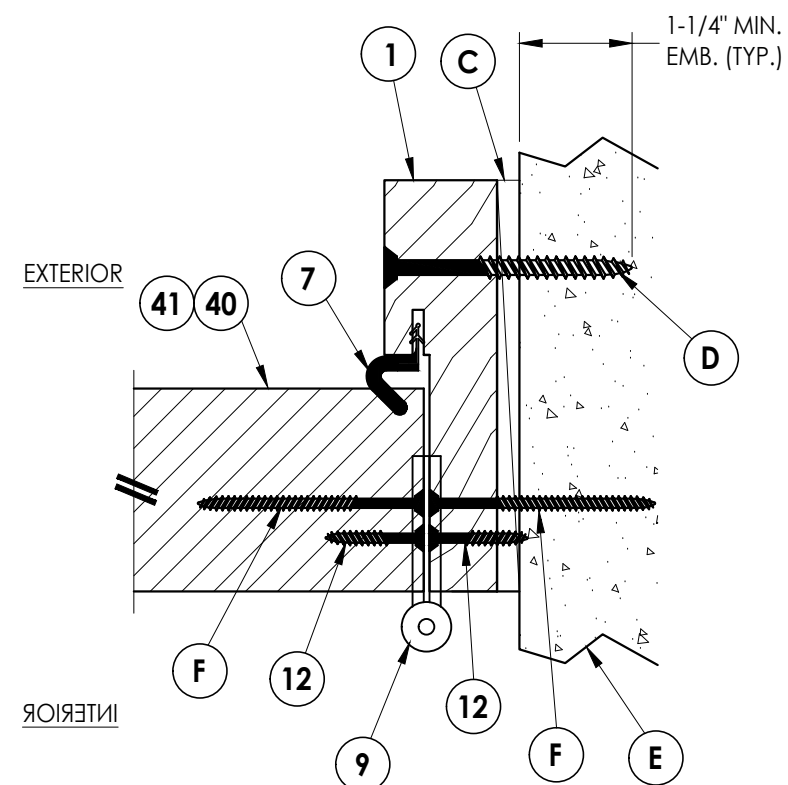
1. Install 2" from each end plus 9 more pairs
equally spaced (11 pairs total)



3 HORIZONTAL CROSS SECTION
4 Inswing Shown (Outswing Similar)



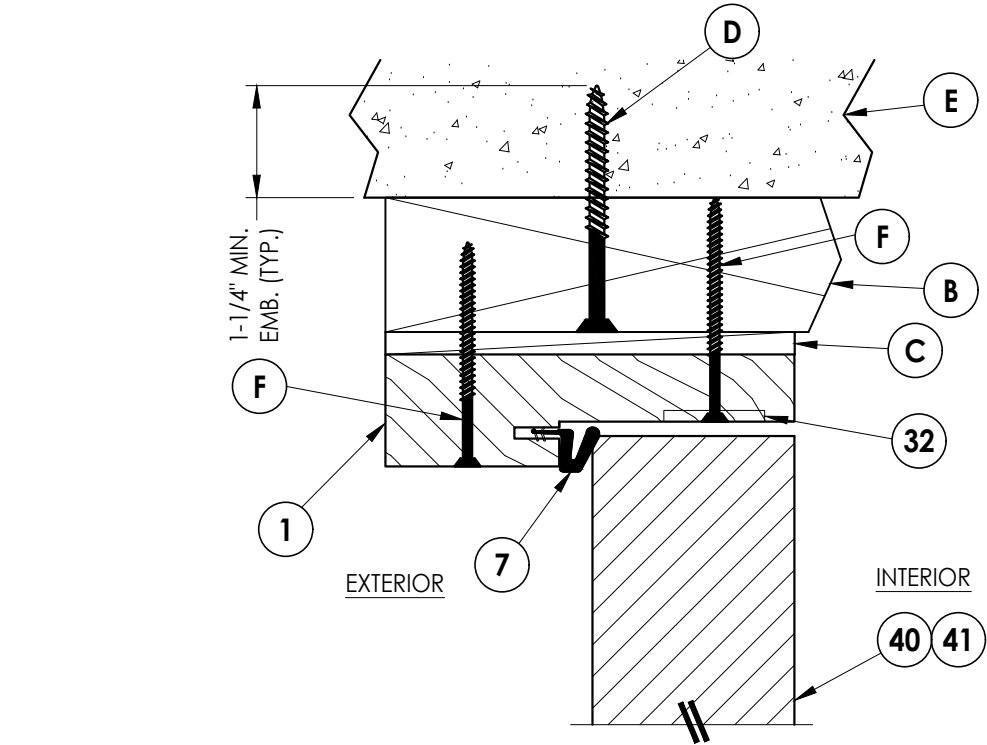
2 **HORIZONTAL CROSS SECTION**
4 Inswing Shown (Outswing Similar)
 Shown w/ 1X Sub-Buck



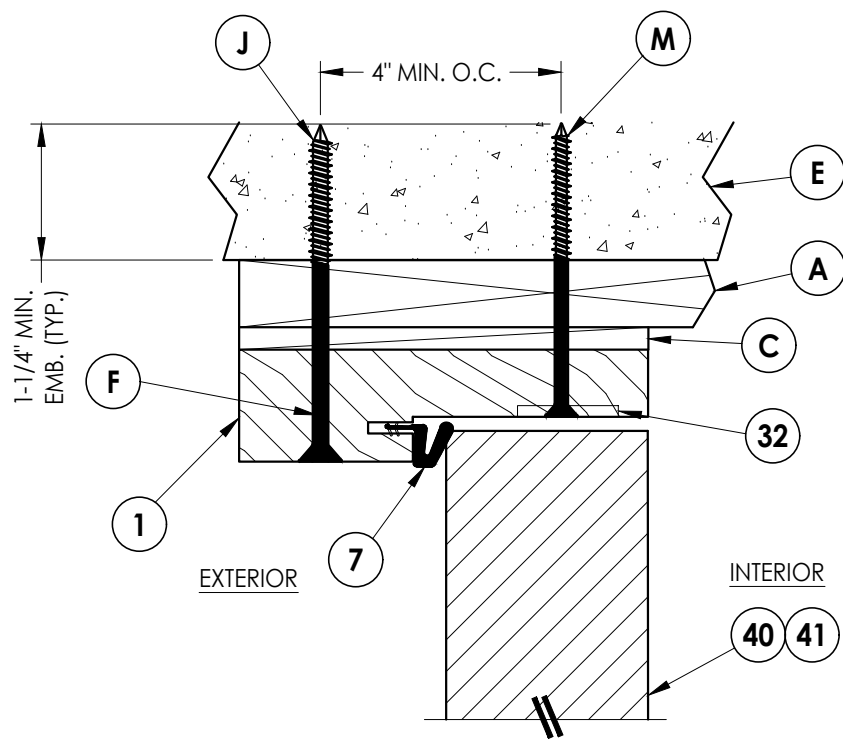
4 HORIZONTAL CROSS SECTION

DATE: 11/20/19		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		DALLAS MILLWORK		Lyndon F. Schmidt	
DWG. BY: TRJ		WOOD DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-30905.3		HORIZONTAL			
SHEET 4 OF 9		CROSS SECTIONS			
2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE			BY	
REVISIONS					

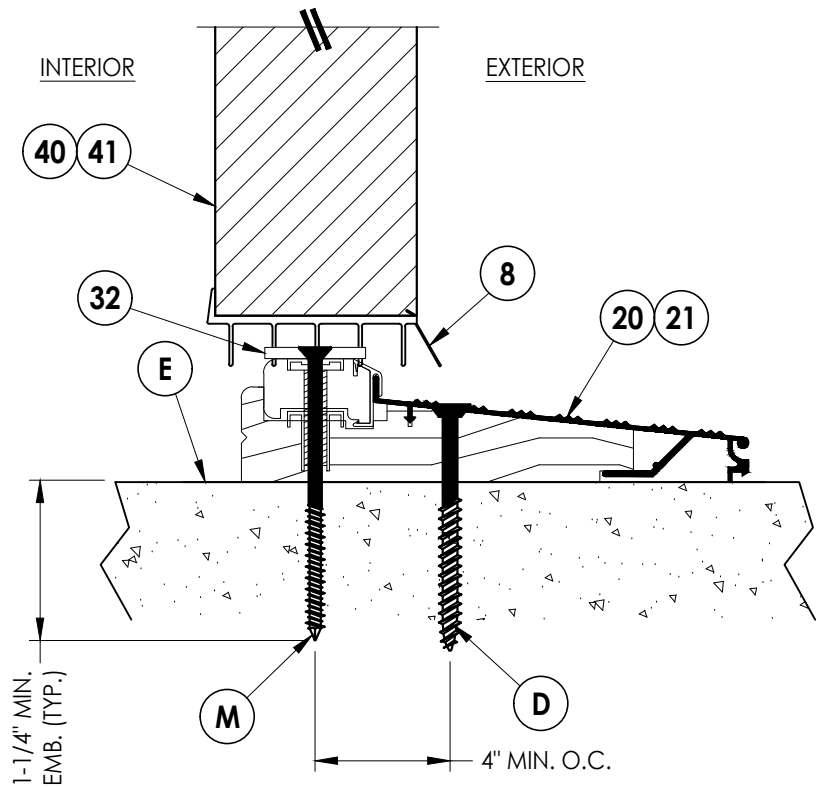
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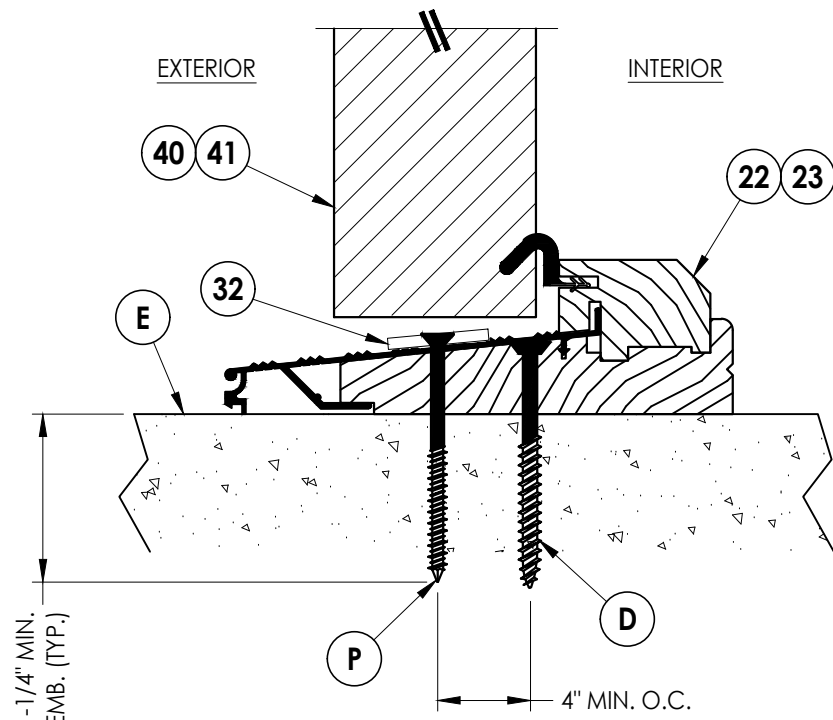
1
5 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown w/ 2X Buck Construction



2
5 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown w/ 1X Sub-Buck



3
5 **VERTICAL CROSS SECTION**
Inswing Shown



4
5 **VERTICAL CROSS SECTION**
Outswing Shown

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

PRODUCT:
DALLAS MILLWORK
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:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
2	10/5/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/07/20	UPDATE TO 7TH ED. (2020) FBC LFS
		BY

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

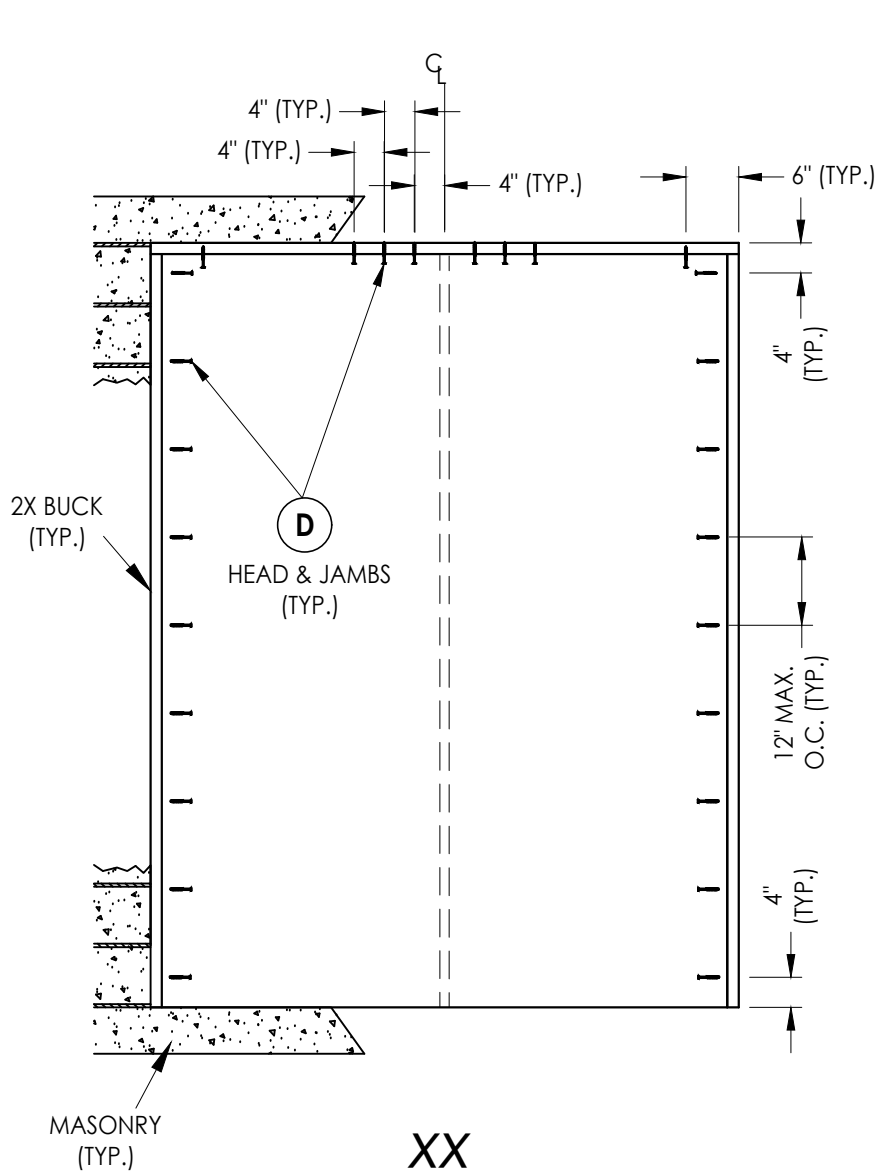
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DRAWING NO.:

FL-30905.3

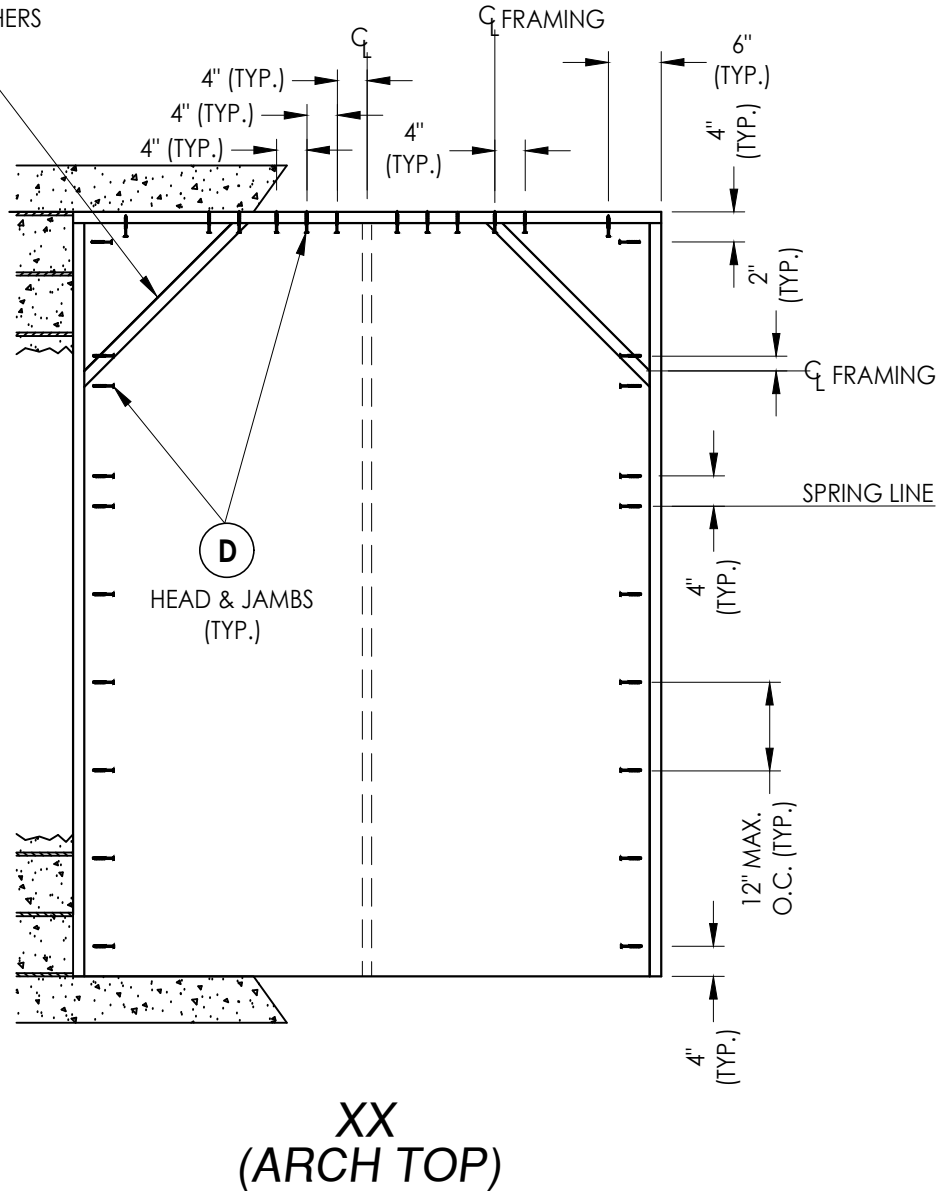
SHEET 5 OF 9

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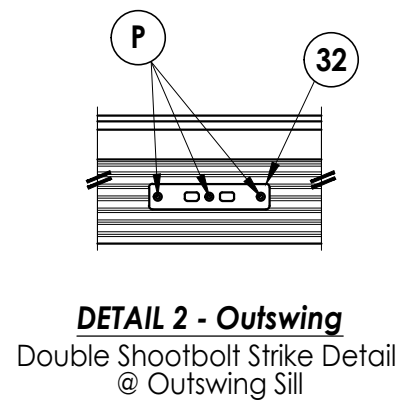
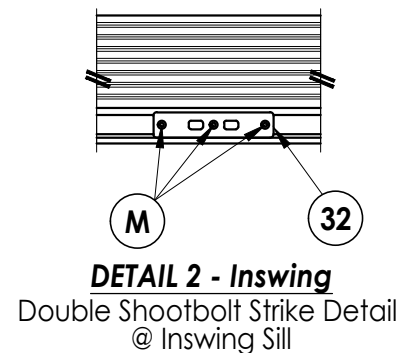
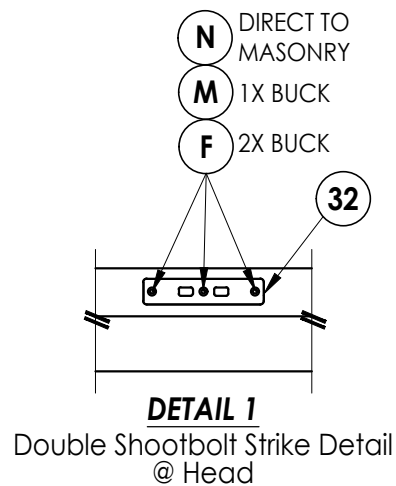
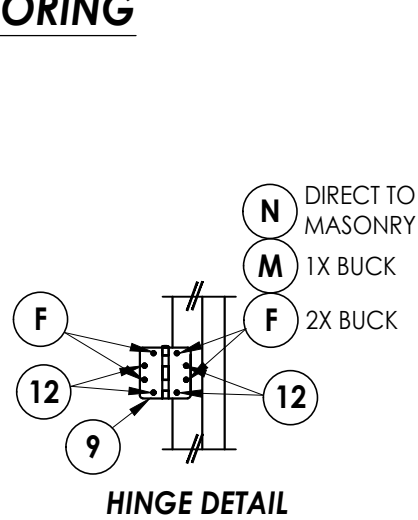
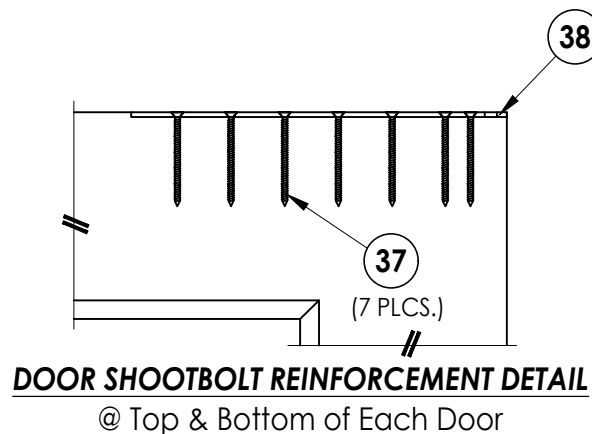
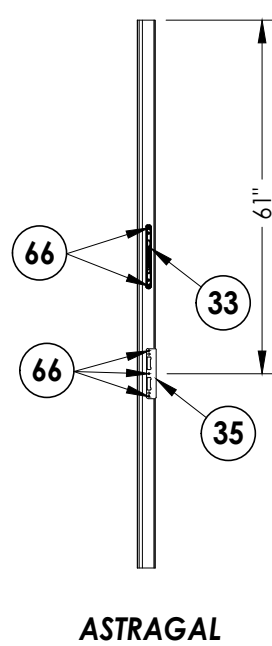
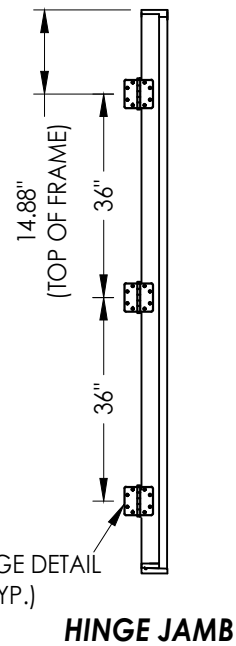
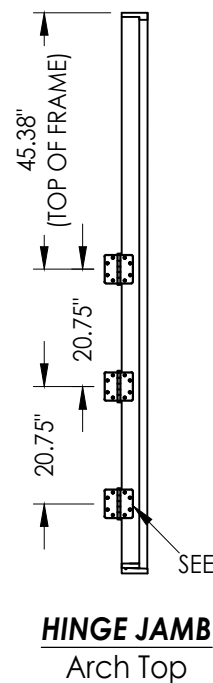
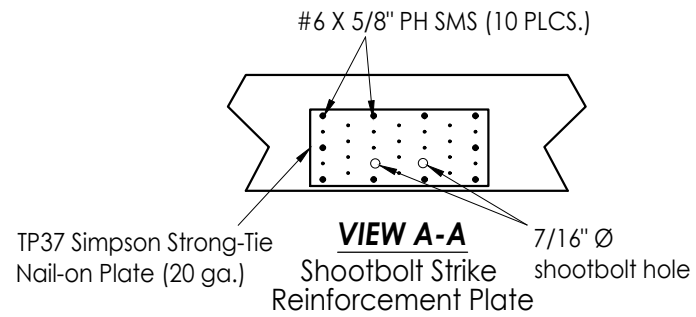
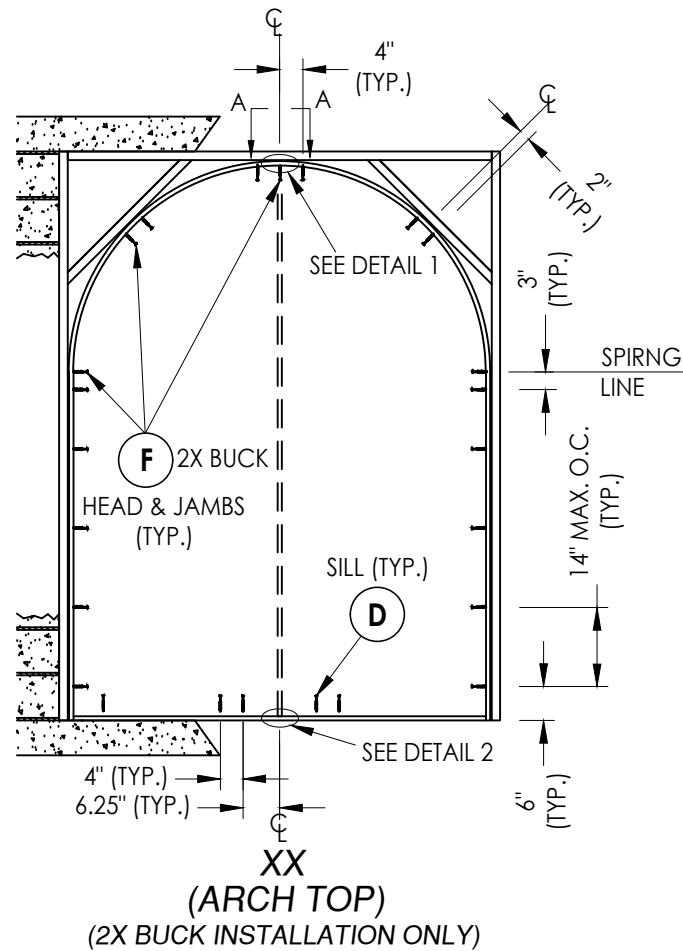
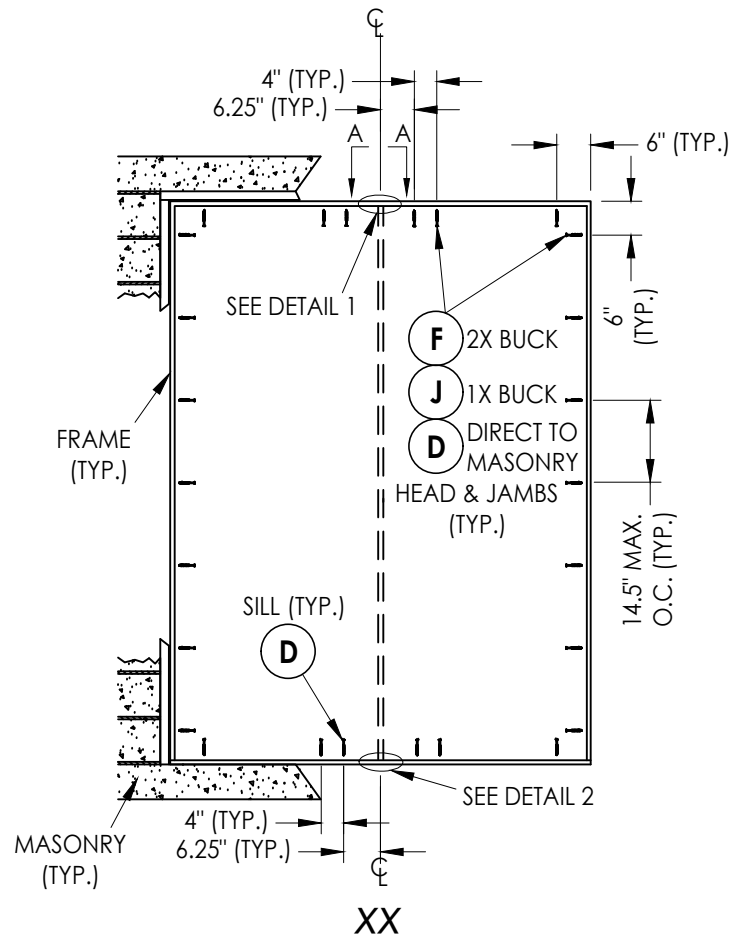
2X BUCK ANCHORING

2X FRAMING & CONNECTIONS
TO SUBSTRATE BY OTHERS
(TYP.)



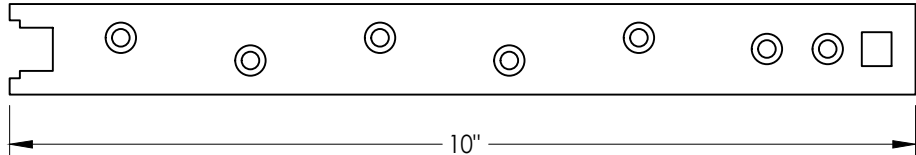
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: DALLAS MILLWORK WOOD DOOR				PART OR ASSEMBLY: BUCK ANCHORING			
				LFS	UPDATE TO 8TH ED. (2023) FBC		
				LFS	UPDATE TO 7TH ED. (2020) FBC		
				NO	DATE		
				BY			
REVISIONS							
DATE: 11/20/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-30905.3							
SHEET 6 OF 9							

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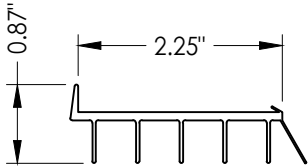


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PRODUCT: DALLAS MILLWORK WOOD DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
		LFS	BY
		LFS	BY
		NO.	DATE
		REVISIONS	
		DATE: 11/20/19	
		SCALE: N.T.S.	
		DWG. BY: TRJ	
		CHK. BY: LFS	
		DRAWING NO.: FL-30905.3	
		SHEET 7 OF 9	

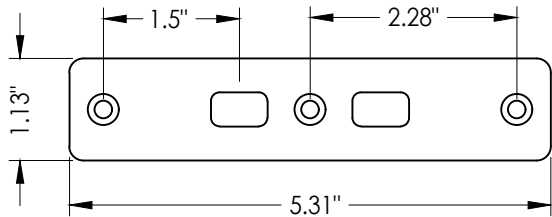
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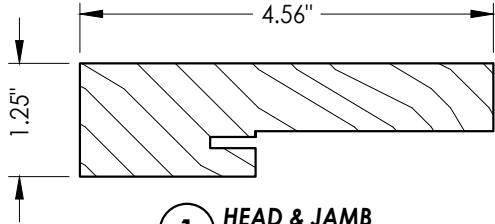
38 DOOR REINFORCEMENT STRAP



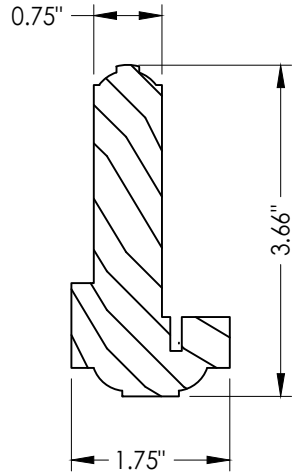
8 DOOR SWEEP



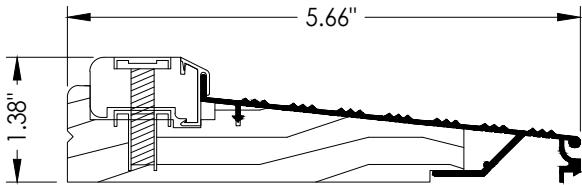
37 DOUBLE SHOOTBOLT STRIKE PLATE



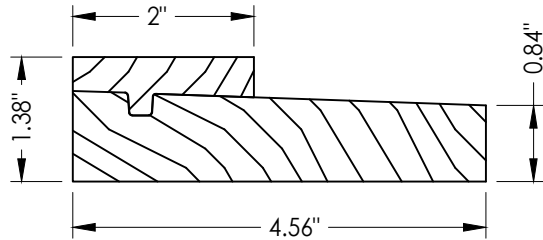
1 HEAD & JAMB



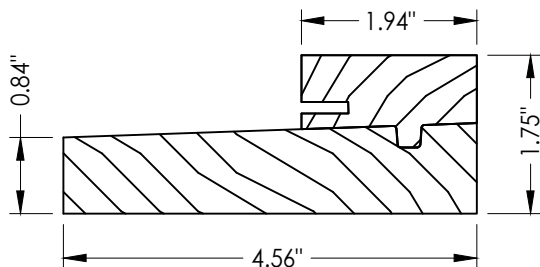
19 ASTRAGAL



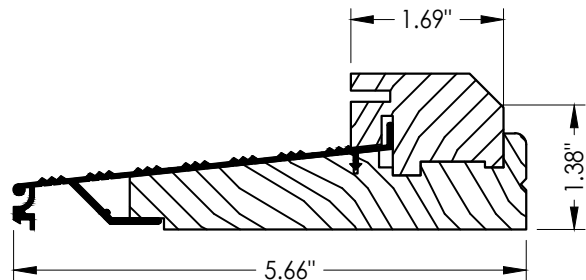
20 INSWING THRESHOLD



21 INSWING THRESHOLD



22 OUTSWING THRESHOLD



23 OUTSWING THRESHOLD

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-30905.3

SHEET 8 OF 9

PRODUCT:
DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
COMPONENTS

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

RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

REVISIONS			
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2	10/5/23	LFS	UPDATE TO 8TH ED. (2023) FBC
1	8/07/20	LFS	UPDATE TO 7TH ED. (2020) FBC

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK G >= 0.42	WOOD
B	2X BUCK G >= 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	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT w/ 0.15" C'-SINK)	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	3/16" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
1	HEAD & JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	PVC
9	4" X 4" HINGE	STEEL
12	#12 X 1" PFH WOOD SCREW	STEEL
18	18 GA. X 2" BRAD NAIL	STEEL
19	ASTRAGAL	WOOD
20	INSWING THRESHOLD	ALUM/WOOD
21	INSWING THRESHOLD	WOOD
22	OUTSWING THRESHOLD	WOOD
23	OUTSWING THRESHOLD	ALUM/WOOD
26	#8 X 1-1/2" PFH WS	STEEL
32	DOUBLE SHOOTBOLT STRIKE PLATE	STEEL
33	SENTRY FLIP LEVER (TRUTH)	STEEL
34	LATCH STRIKE PLATE	STEEL
35	MULTI-POINT STRIKE PLATE (HOPPE)	STEEL
37	#8 X 1" PFH WOOD SCREW	STEEL
38	DOOR REINFORCEMENT STRAP	STEEL
40	WOOD DOOR PANEL (GLAZED FULL LITE)	WOOD
41	WOOD DOOR PANEL (GLAZED 3/4 LITE)	WOOD
66	#8 X 3/4" PFH WOOD SCREW	STEEL
67	#8 X 2-1/2" PFH WS	STEEL

NOTE: WOOD DOOR/SIDELITE PANEL MATERIAL: SAPELE (S.G. >= 0.54)
WOOD JAMB MATERIAL: RADIATA PINE (S.G. >= 0.44)

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 BUILDEX TAPCON®	3/16" 1/4"	1-1/4" 1-1/4"	3" 2"	1-1/2" 4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.

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: DALLAS MILLWORK WOOD DOOR		PART OR ASSEMBLY: BILL OF MATERIALS	
		LFS	BY
		2 10/5/23	1 8/07/20
		UPDATE TO 8TH ED. (2023)	UPDATE TO 7TH ED. (2020)
		FBC	FBC
		NO.	DATE
REVISIONS			
DATE: 11/20/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-30905.3			
SHEET 9 OF 9			