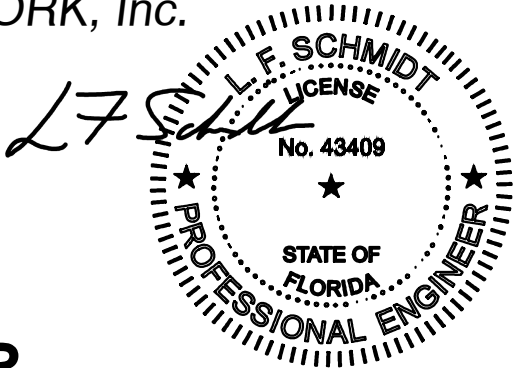




DALLAS MILLWORK, Inc.



Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:24:08 -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.

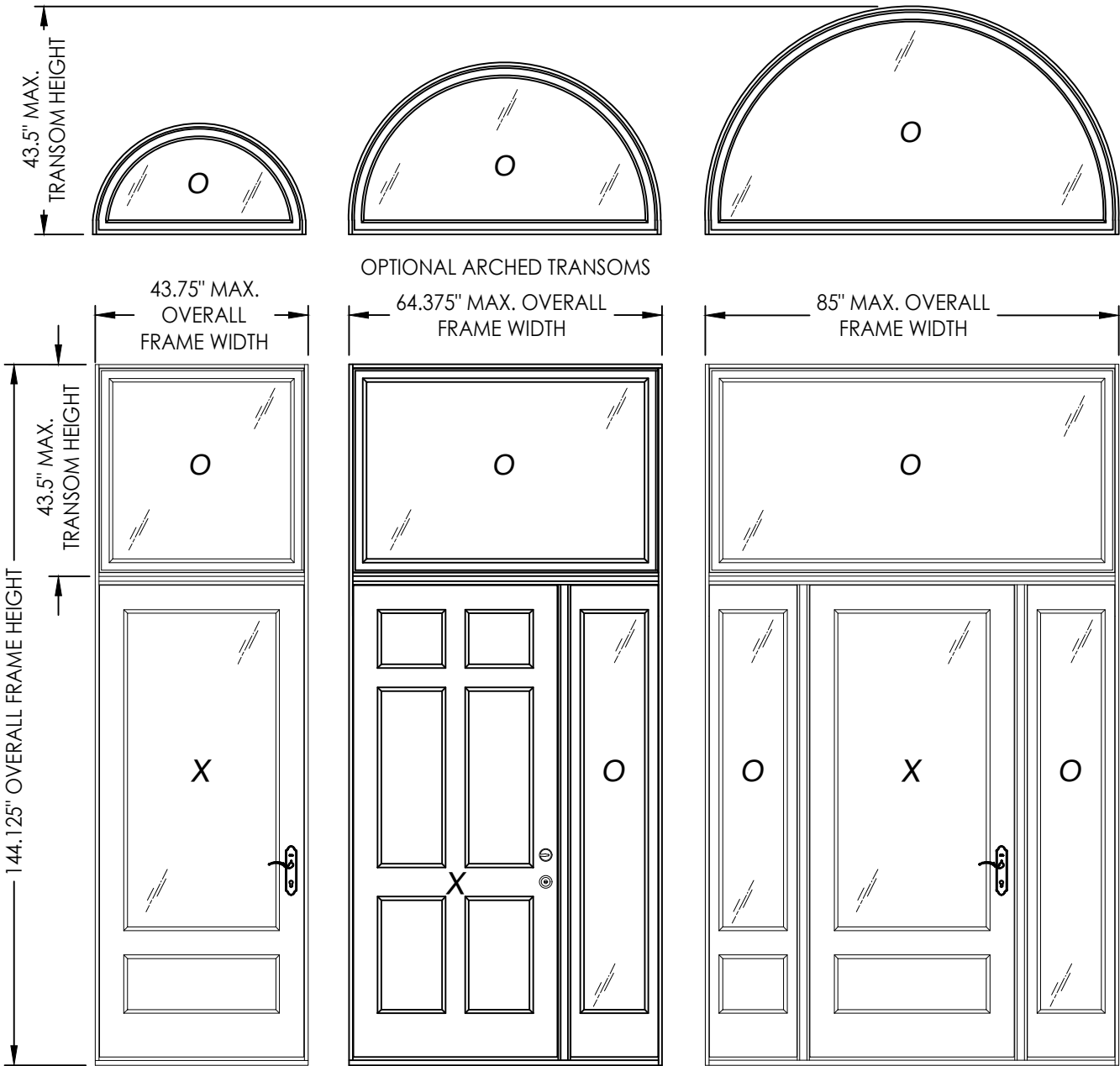
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

WOOD ENTRY DOOR SINGLE w/ TRANSOM w/ or w/out SIDELITE(S) INSWING / OUTSWING "IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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 panel details
5	Elevations
6	Horizontal cross sections
7	Vertical cross sections
8	Vertical cross sections
9	Buck anchoring
10	Frame anchoring
11	Components
12	Bill of materials



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
$\frac{O}{X}$	43.75" X 144.125"	+65.0	-75.0	+65.0	-75.0
$\frac{O}{XO}$ or $\frac{O}{OX}$	64.375" X 144.125"	+65.0	-75.0	+65.0	-75.0
$\frac{O}{OXO}$	85.0" X 144.125"	+65.0	-75.0	+65.0	-75.0

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

PRODUCT:
DALLAS MILLWORK INC.
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

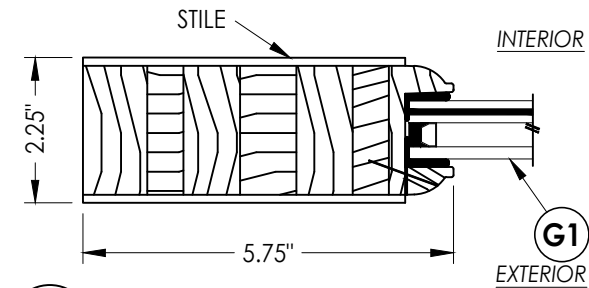
DRAWING NO.: FL-30905.2

SHEET 1 OF 12

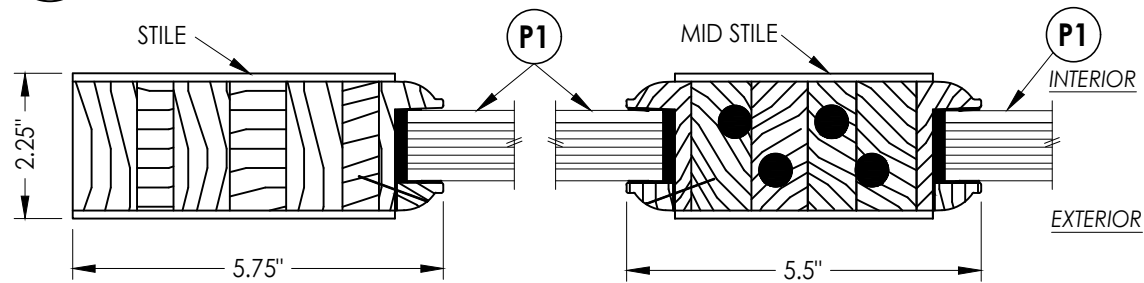
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2019 R.W. BUILDING CONSULTANTS INC.

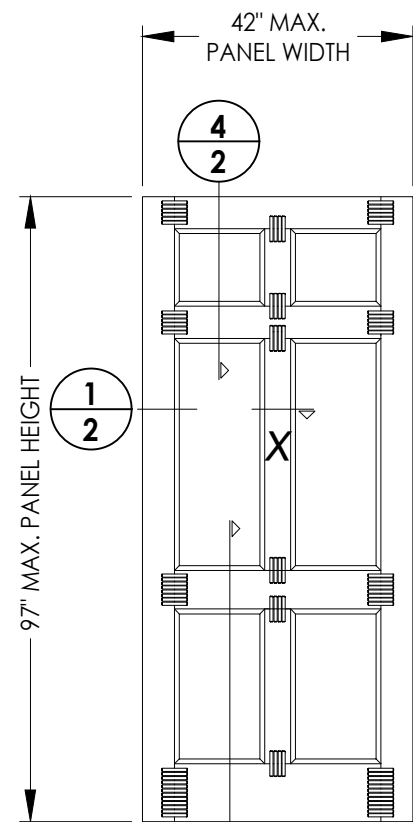
Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg



2
2 HORIZONTAL CROSS SECTION

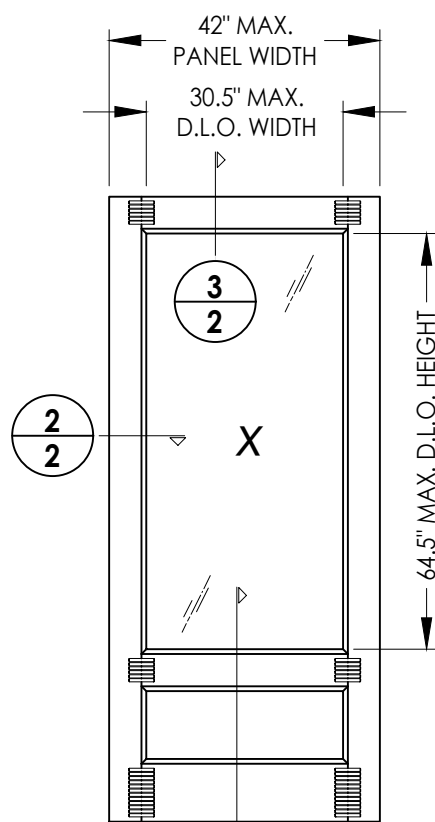


1
2 HORIZONTAL CROSS SECTION



5
2

40 WOOD DOOR
Opaque

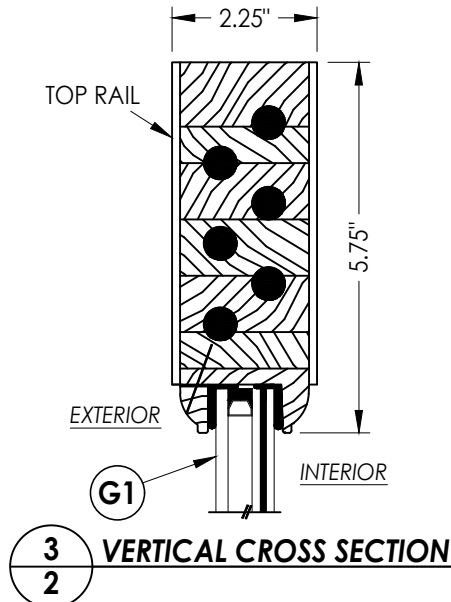


2
2

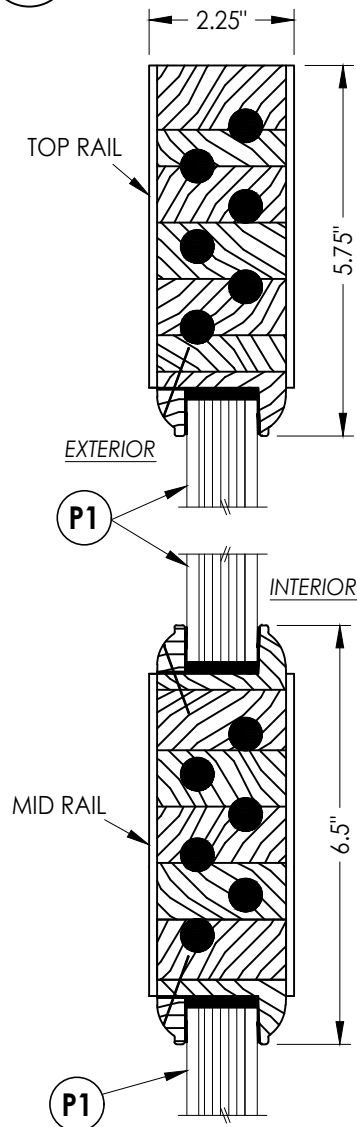
6
2

41 WOOD DOOR
3/4 Lite

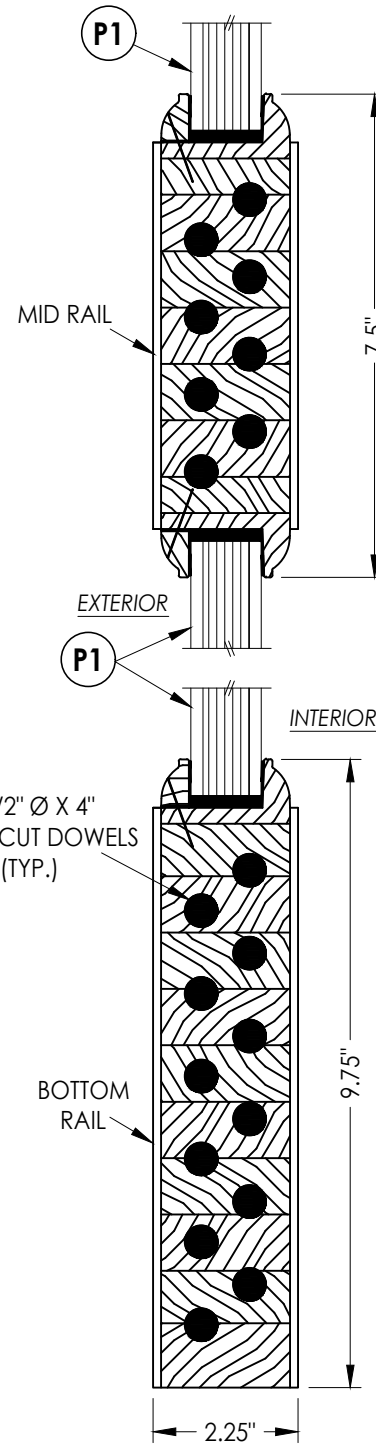
WOOD DOOR PANEL MATERIAL: SAPELE (S.G. >= 0.54)



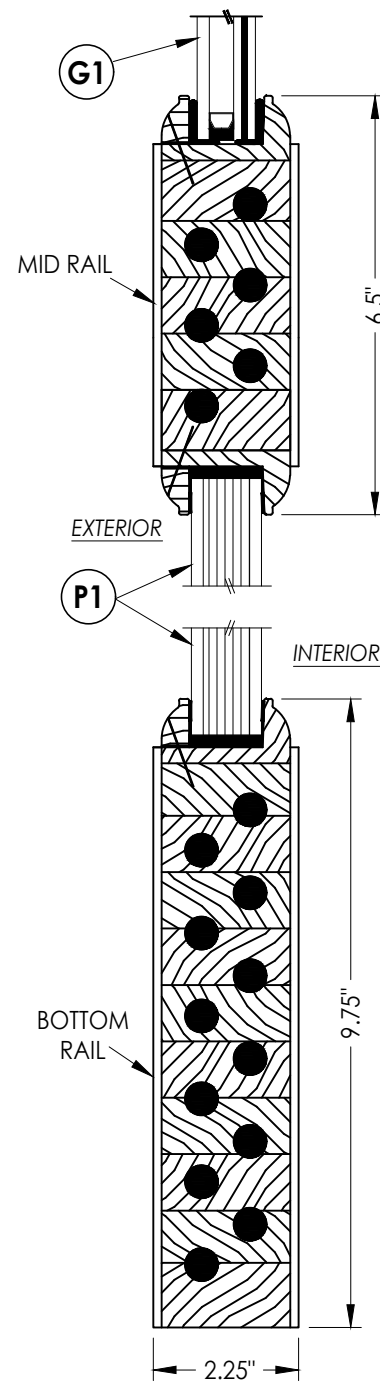
3
2 VERTICAL CROSS SECTION



4
2 VERTICAL CROSS SECTION



5
2 VERTICAL CROSS SECTION



6
2 VERTICAL CROSS SECTION

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-30905.2

SHEET 2 OF 12

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

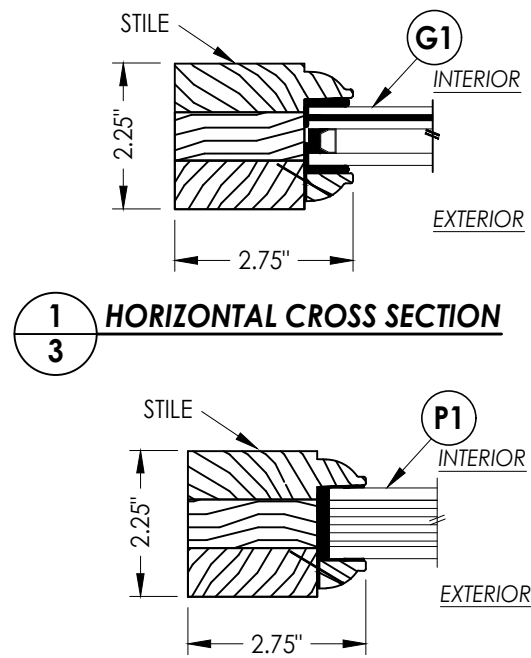
PRODUCT:
DALLAS MILLWORK INC.
WOOD DOOR

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

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

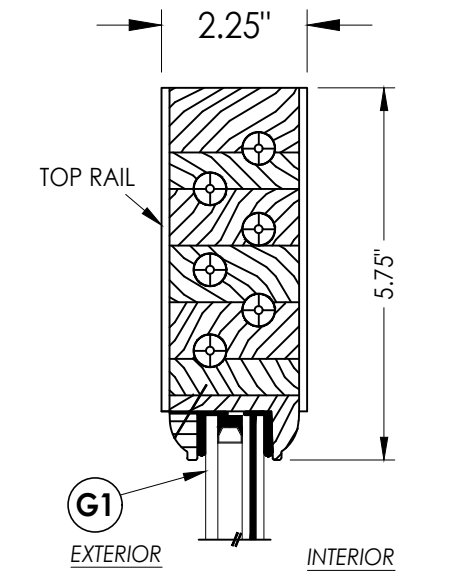
NO.	DATE	REVISIONS	
		LFS	BY
2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg

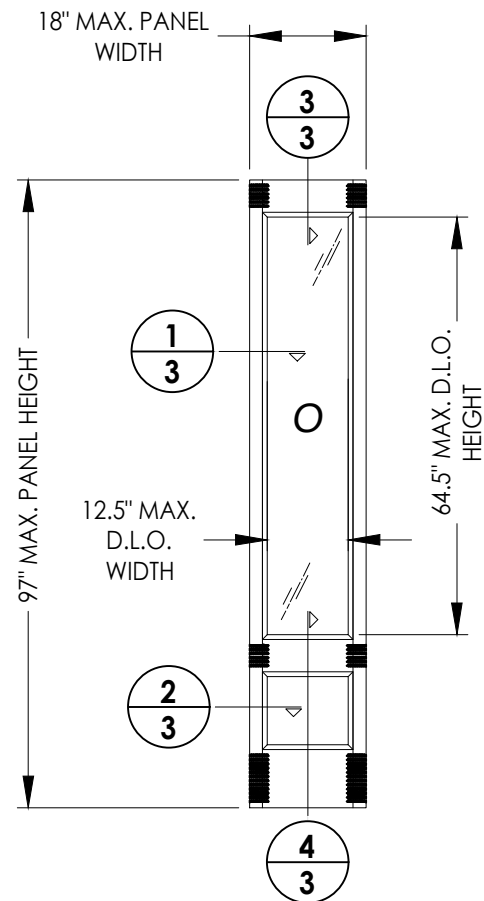


1
3 HORIZONTAL CROSS SECTION

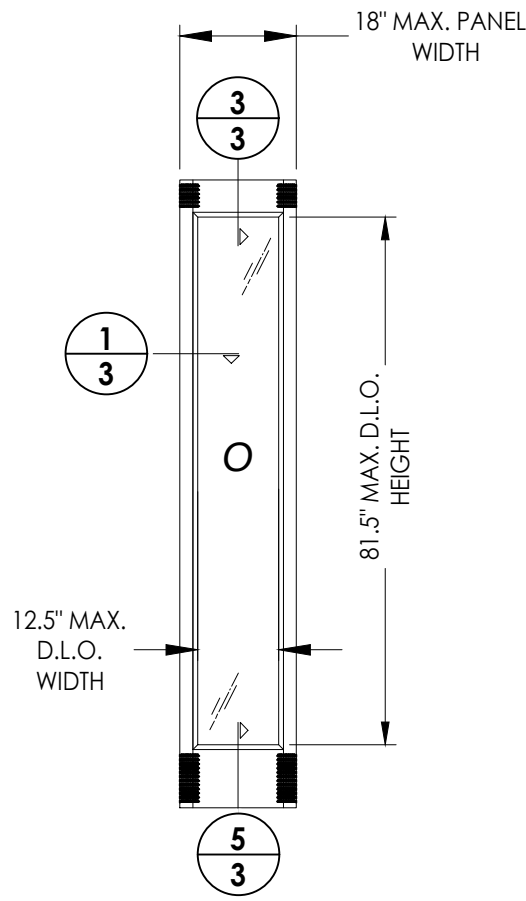
2
3 HORIZONTAL CROSS SECTION



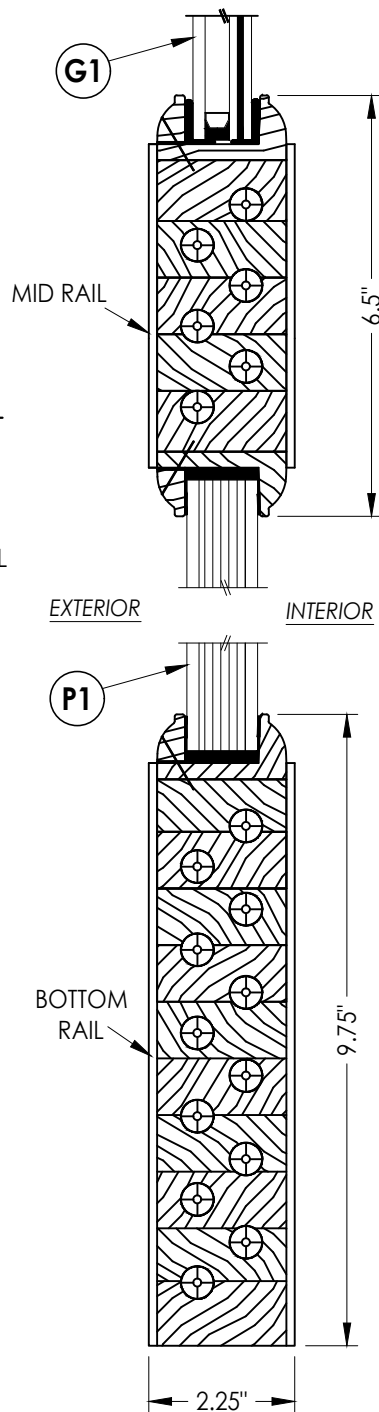
3
3 VERTICAL CROSS SECTION



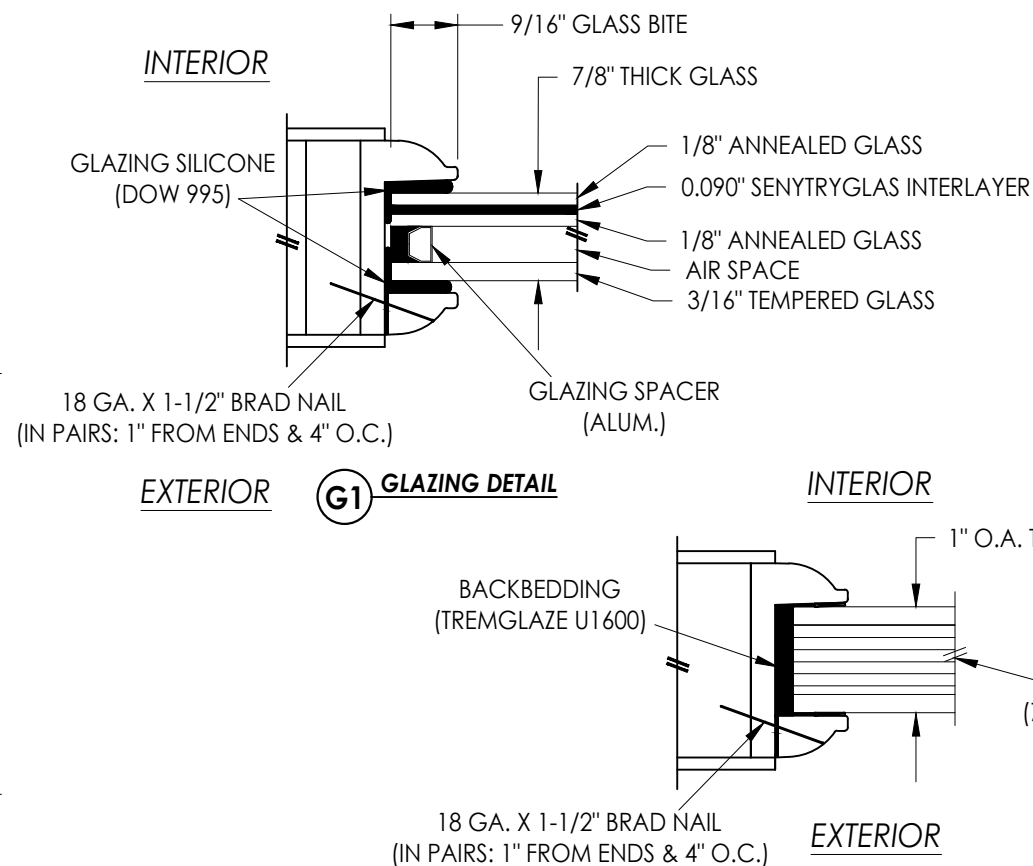
50 WOOD SIDELEITE
3/4 Lite



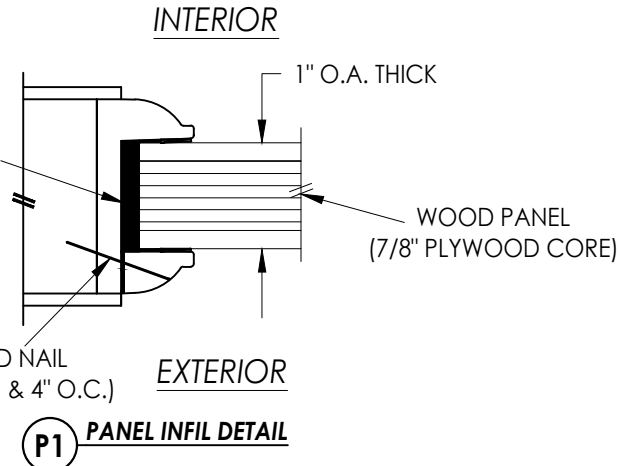
51 WOOD SIDELEITE
Full Lite



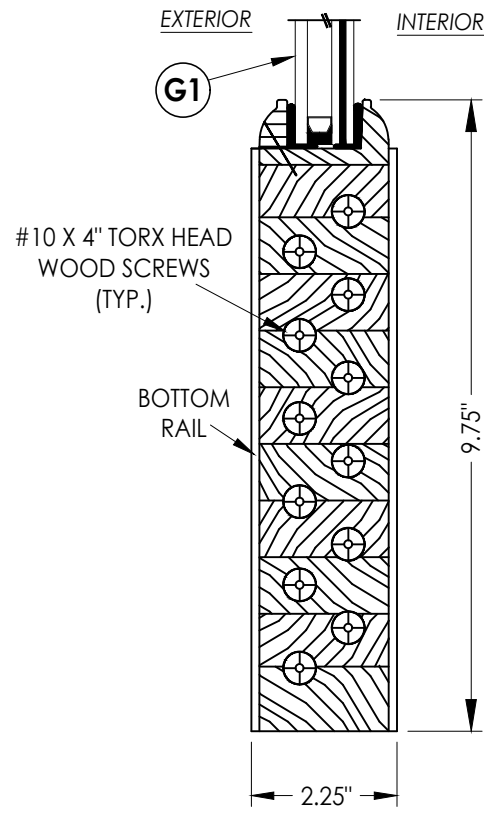
4
3 VERTICAL CROSS SECTION



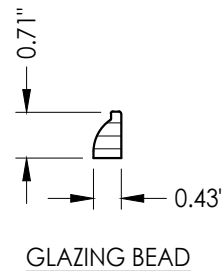
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



5
3 VERTICAL CROSS SECTION



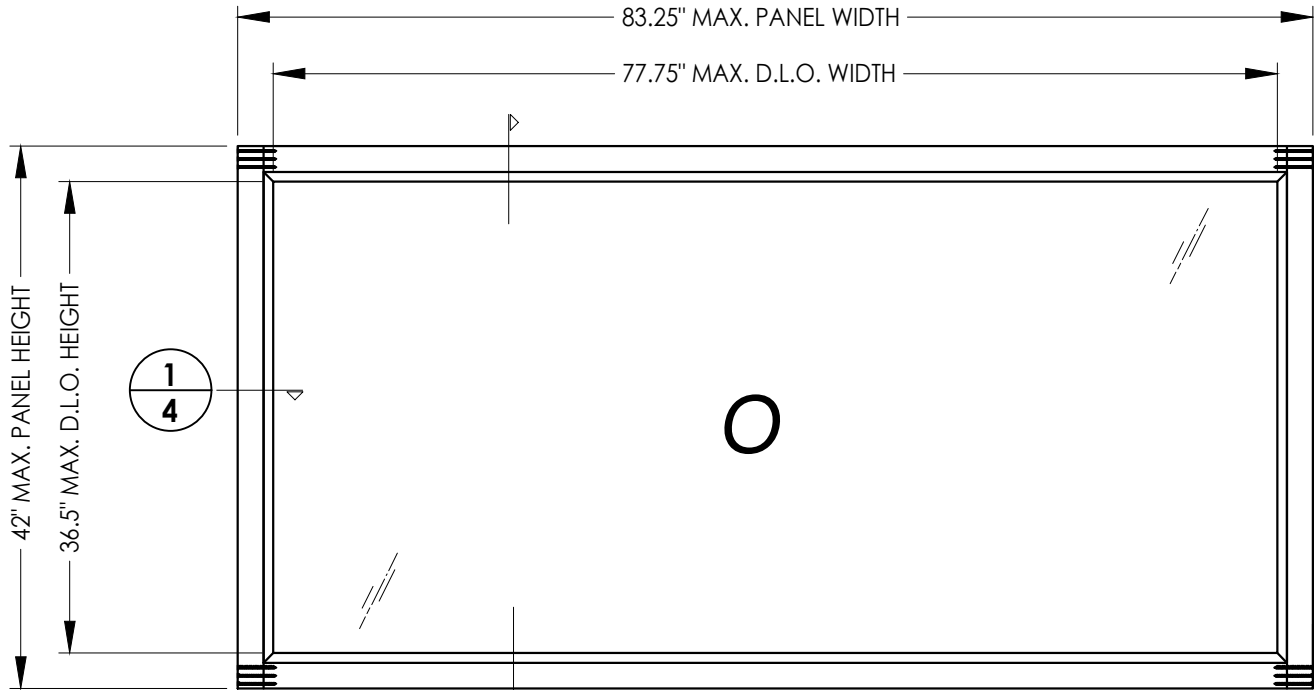
GLAZING BEAD

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

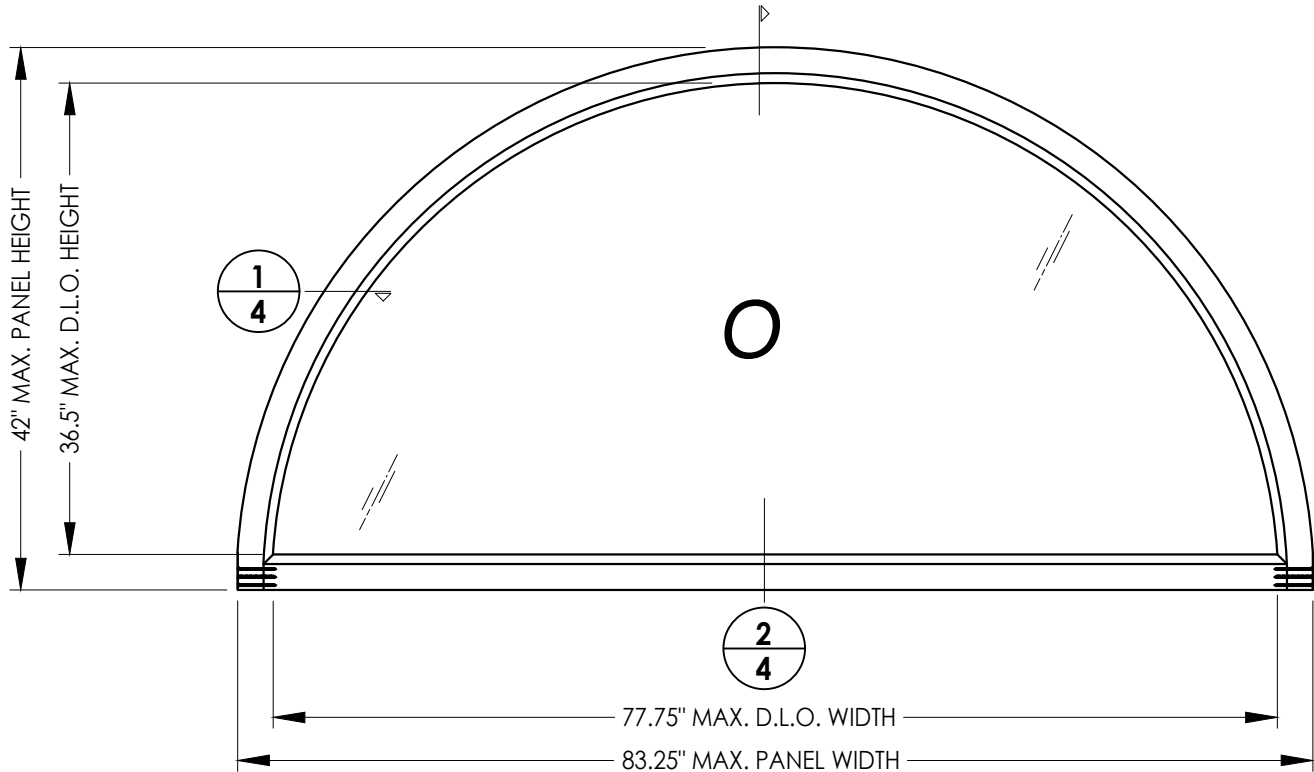
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DALLAS MILLWORK INC. WOOD DOOR		PART OR ASSEMBLY: TRANSOM PANEL DETAILS	
		LFS	BY
		LFS	
2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC
NO.	DATE	REVISIONS	
DATE: 11/20/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-30905.2			
SHEET 3	OF 12		

© 2019 R.W. BUILDING CONSULTANTS INC.

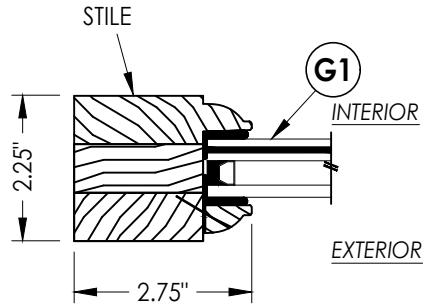
Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg



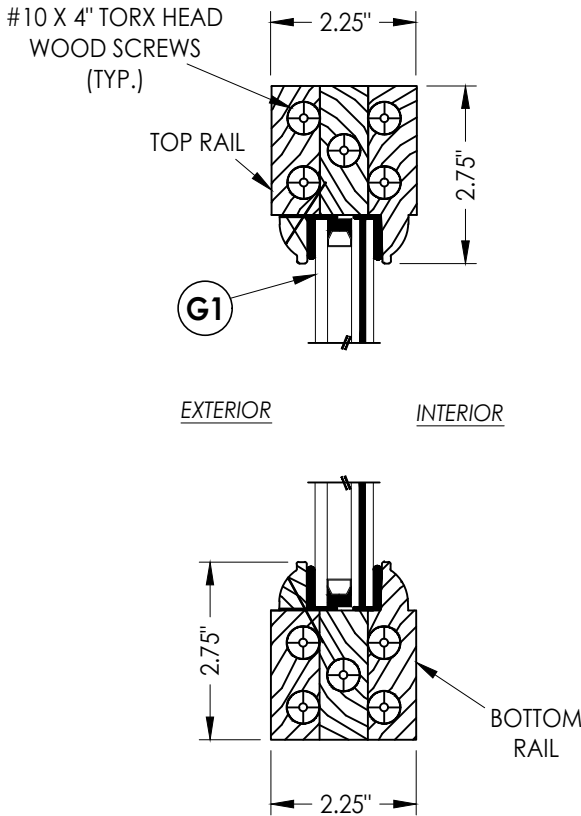
60 WOOD TRANSOM



60 WOOD TRANSOM
HALF-ROUND



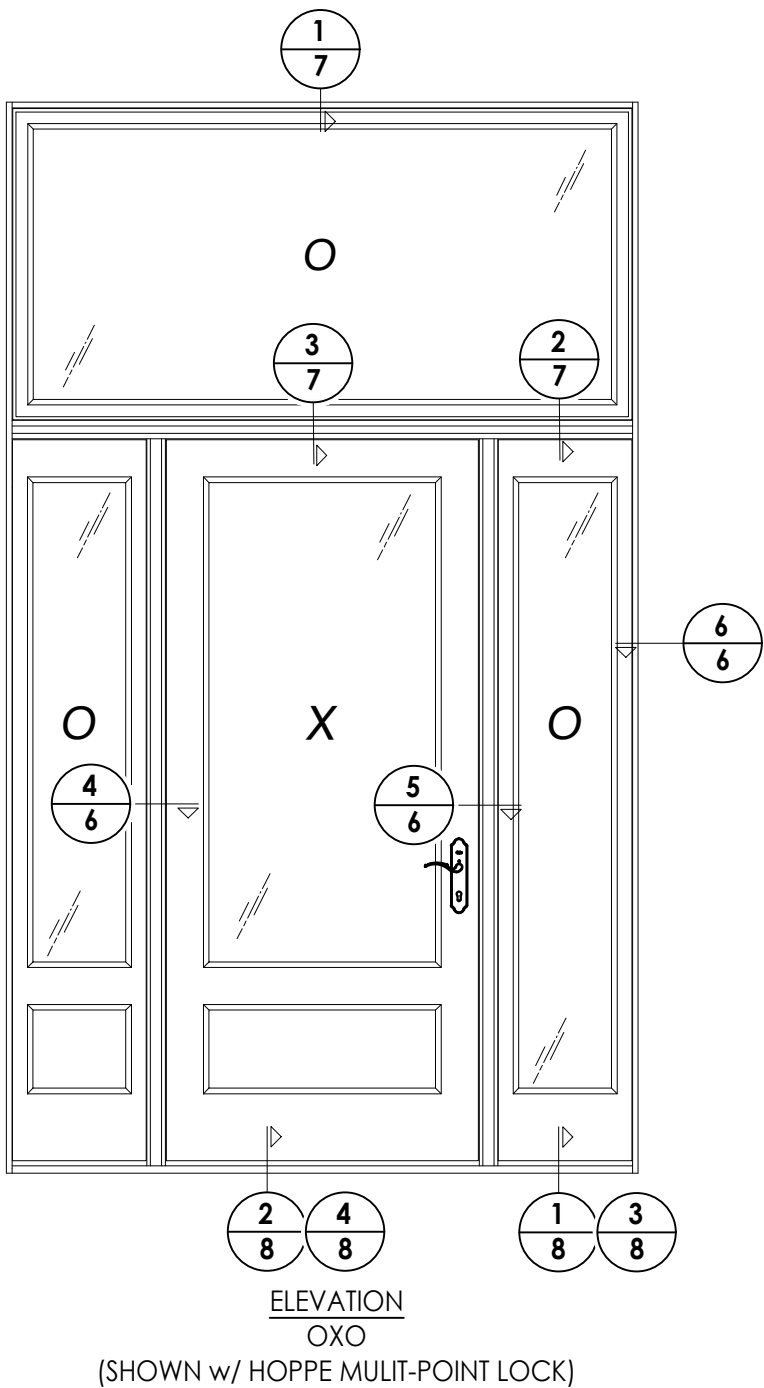
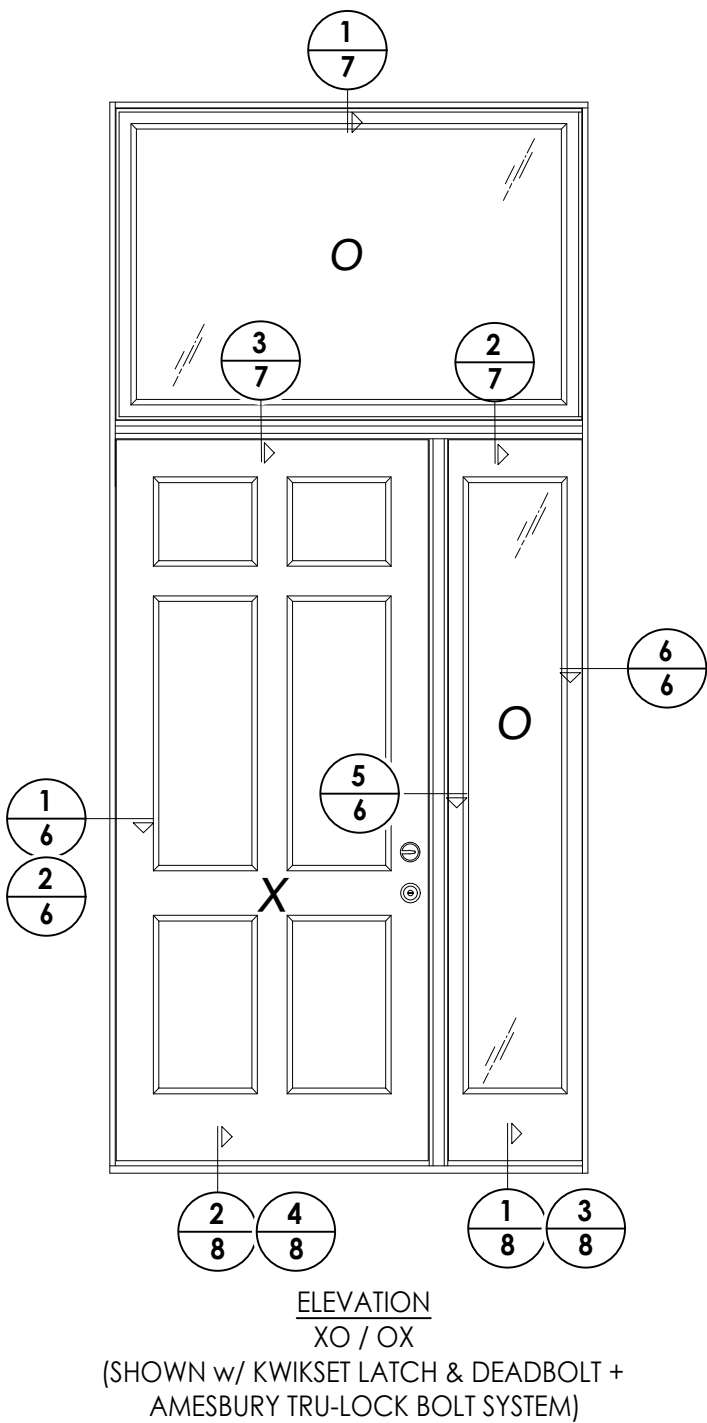
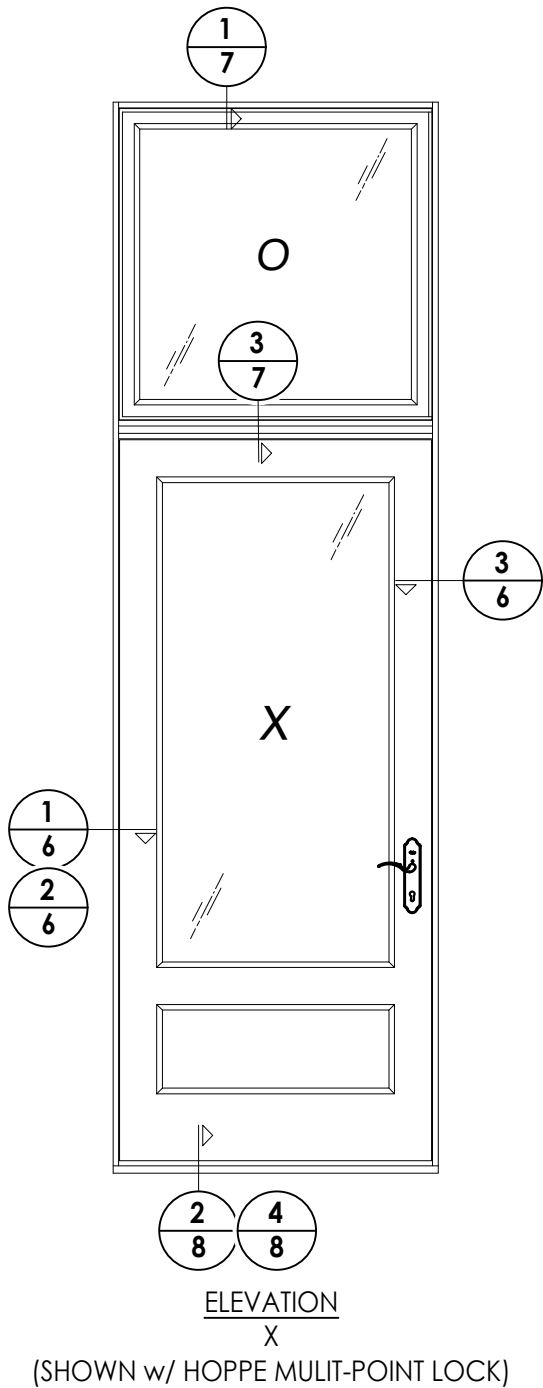
1/4 HORIZONTAL CROSS SECTION



2/4 HORIZONTAL CROSS SECTION

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 INC. WOOD DOOR				PART OR ASSEMBLY: TRANSOM PANEL DETAILS			
				LFS	(2023) FBC	DATE	REVISIONS
				LFS	(2020) FBC	DATE	REVISIONS
				BY		DATE	REVISIONS
DATE: 11/20/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-30905.2							
SHEET 4 OF 12							

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg



HARDWARE CHART	
MANUFACTURER	MODEL
HOPPE	HLS 9000 (3 PT. SHOOTBOLT)
KWIKSET + AMESBURY	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980) TRU-LOCK BOLT SYSTEM (3205 SERIES)

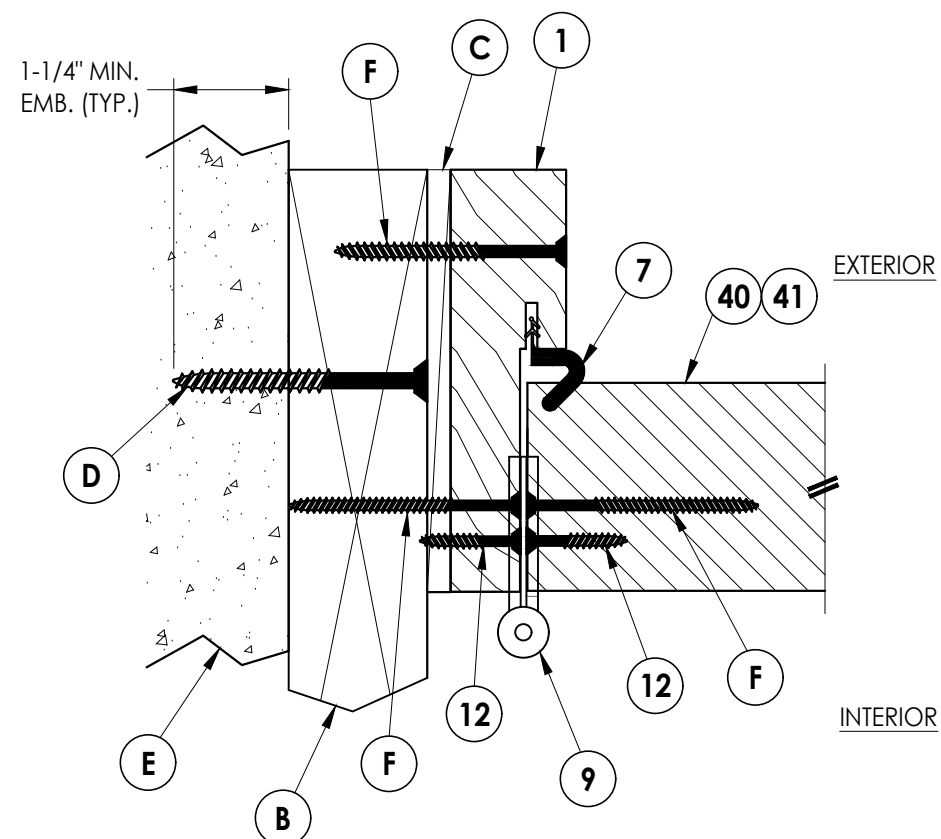
NO.	DATE	REVISIONS	
		LFS	BY
2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC

DATE: 11/20/19
SCALE: N.T.S.
DWG. BY: TRJ
CHK. BY: LFS
DRAWING NO.: FL-30905.2
SHEET 5 OF 12

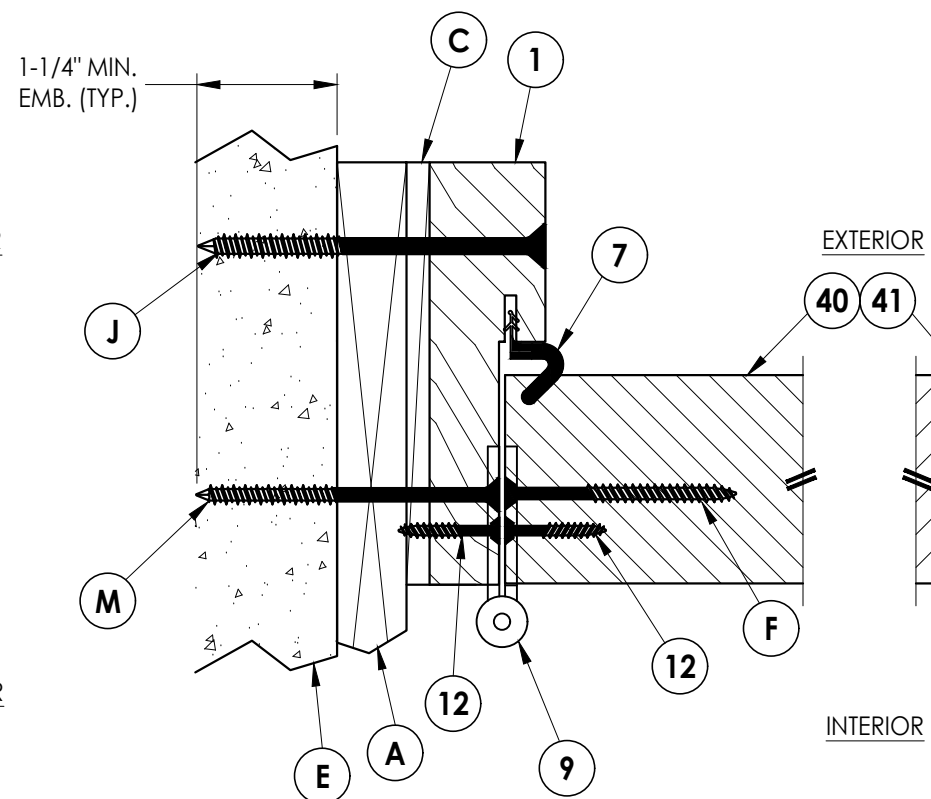
PRODUCT:	DALLAS MILLWORK INC. WOOD DOOR
PART OR ASSEMBLY:	ELEVATIONS

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

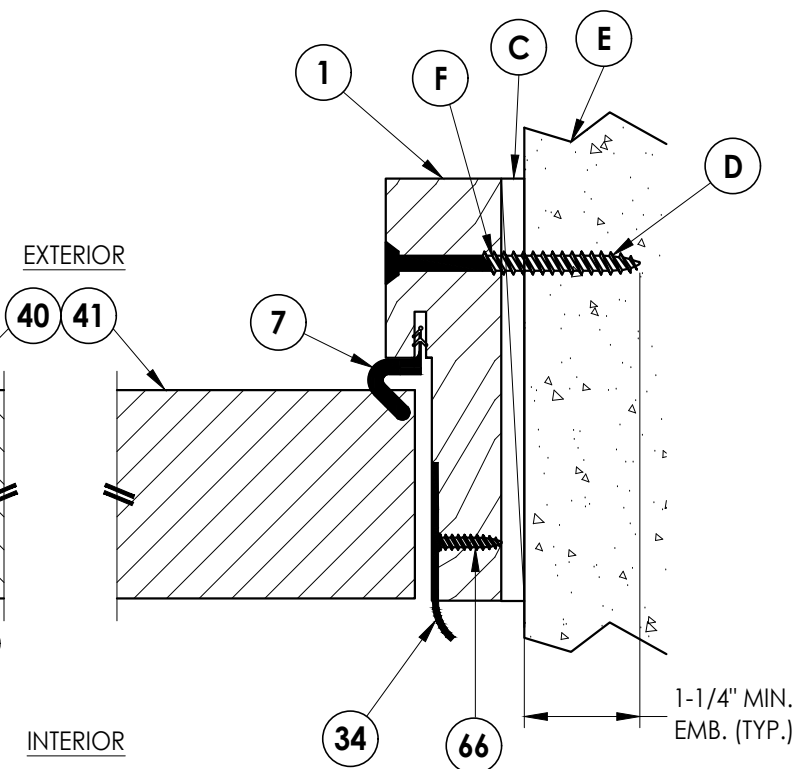


1 **HORIZONTAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)
 Shown w/ 2X Buck Construction



2 HORIZONTAL CROSS SECTION

6 Inswing Shown (Outswing Similar) Shown w/ 1X Sub-Buck

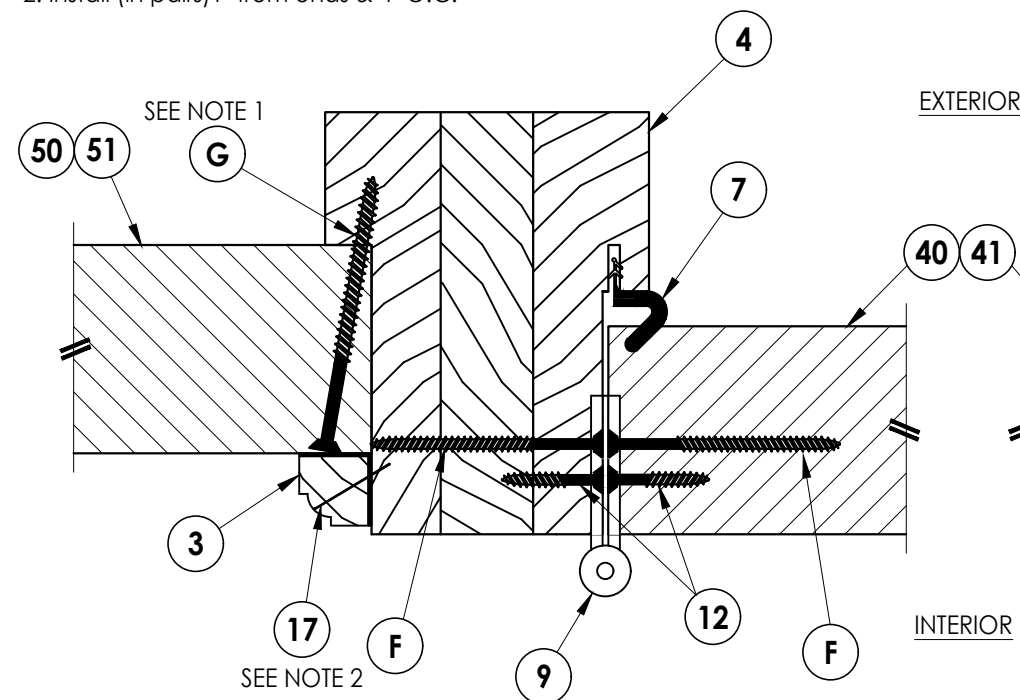


3 6 **HORIZONTAL CROSS SECTION**

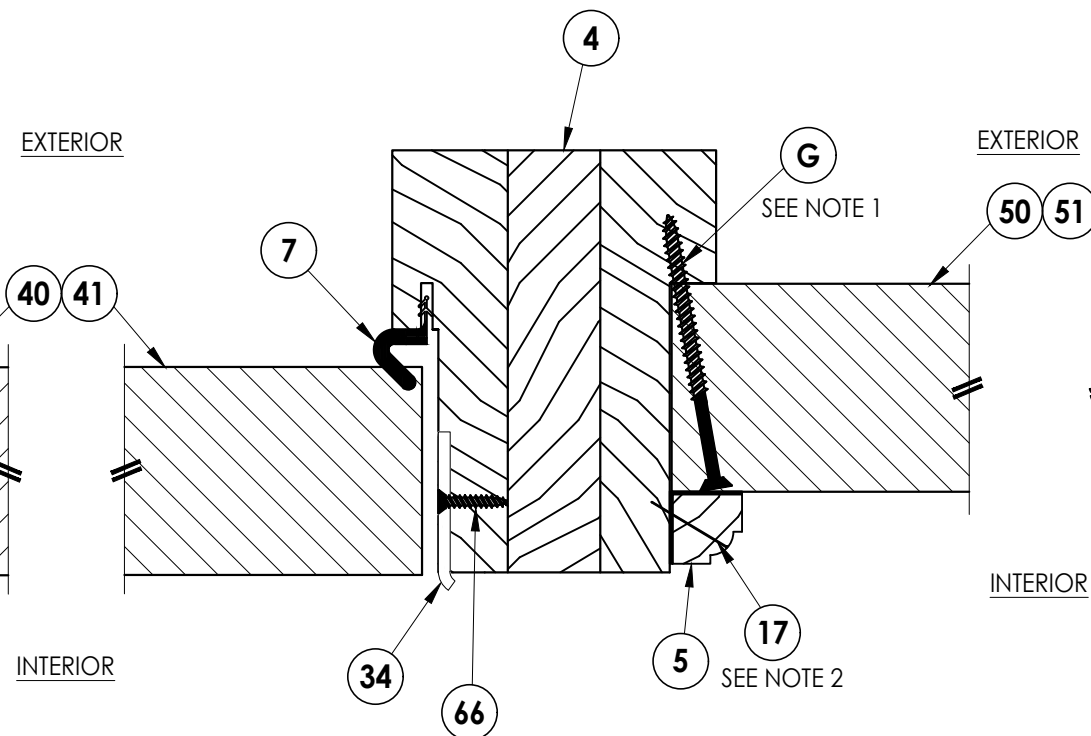
Inswing Shown (Outswing Similar)
Shown Direct to Masonry

NOTES:

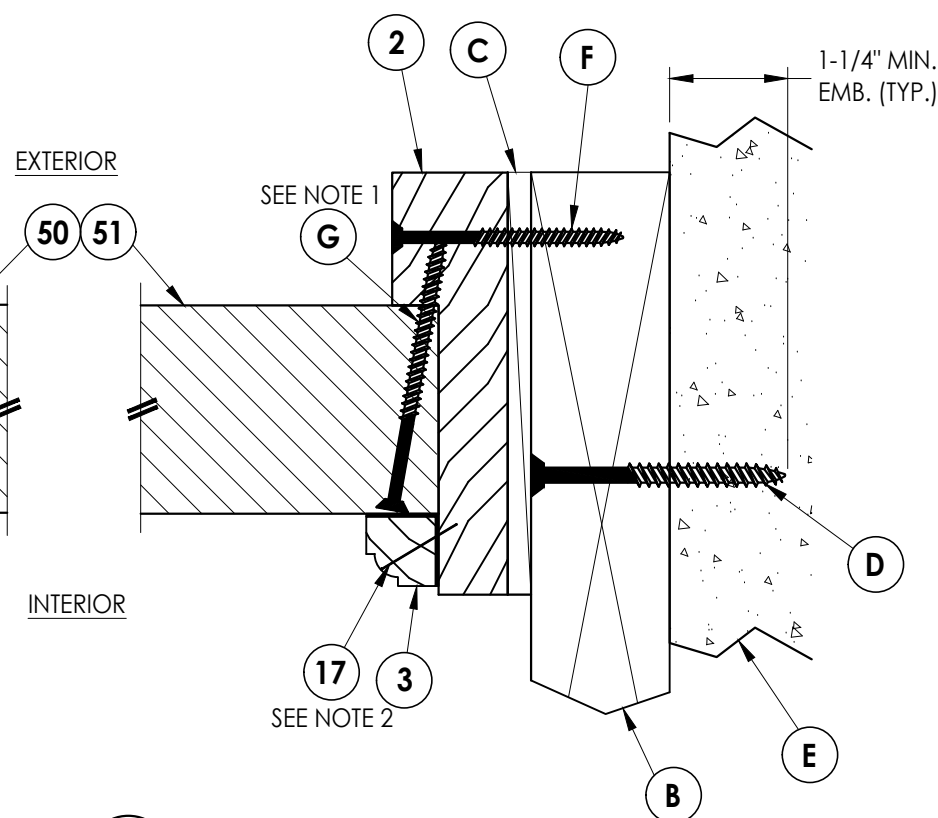
1. Install 6" from each end plus 5 more equally spaced (7 total).
2. Install (in pairs) 1" from ends & 4" O.C.



4 **HORIZONTAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)



5 HORIZONTAL CROSS SECTION
6 Inswing Shown (Outswing Similar)



6 HORIZONTAL CROSS SECTION
 6 Inswing Shown (Outswing Similar)
 Shown w/ 2X Buck Construction

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

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DALLAS MILLWORK INC.
WOOD DOOR

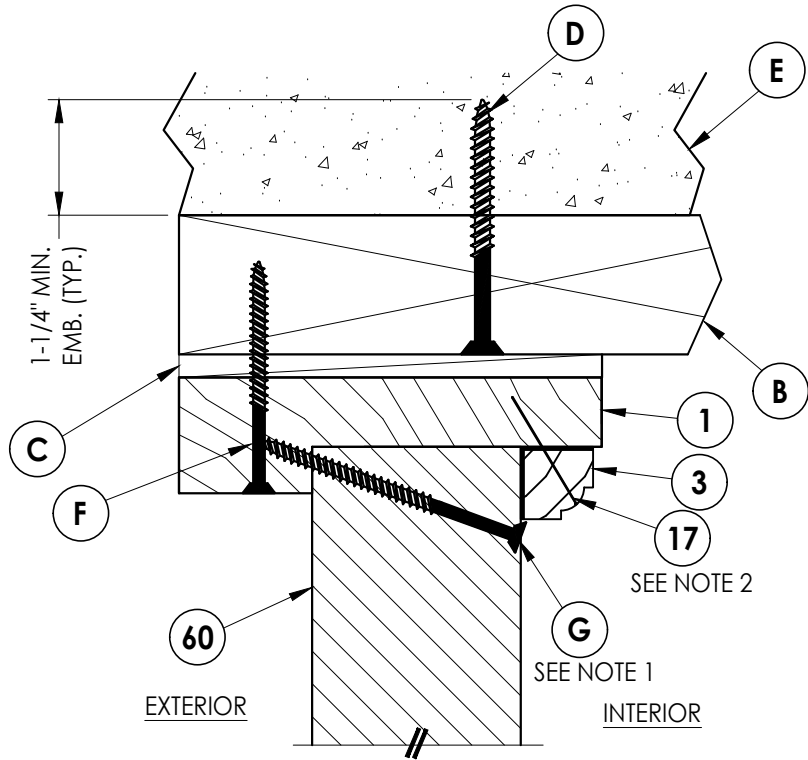
PART OR ASSEMBLY: HORIZONTAL
CROSS SECTIONS

[illegible]

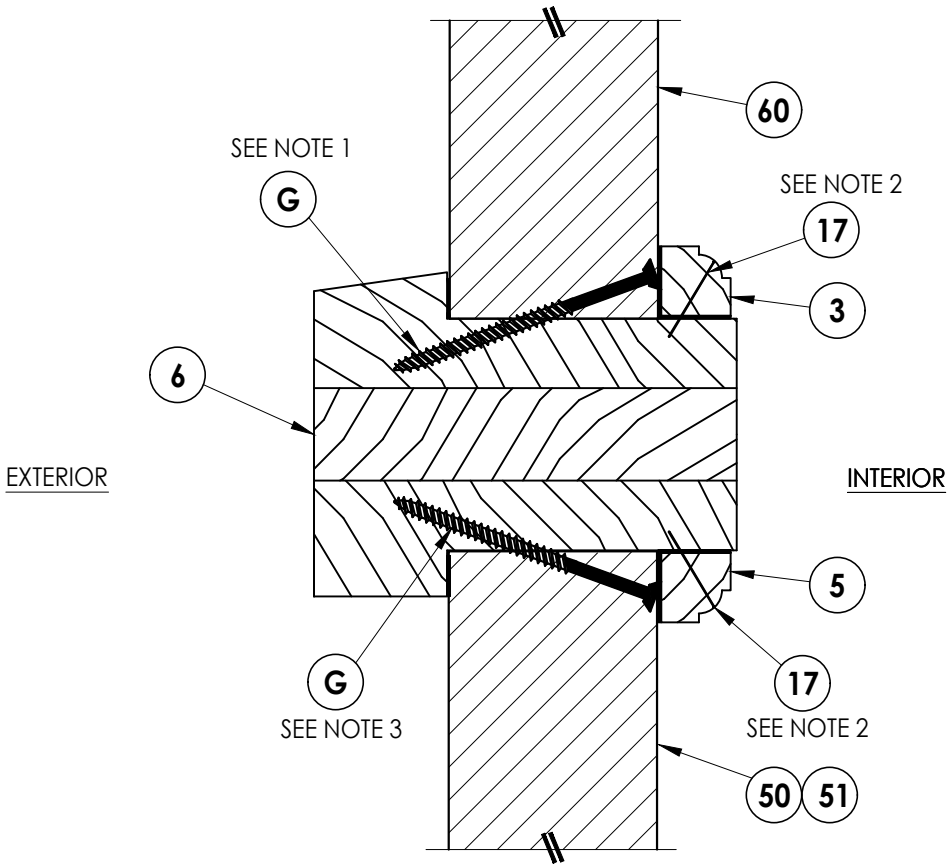
Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg

NOTES:

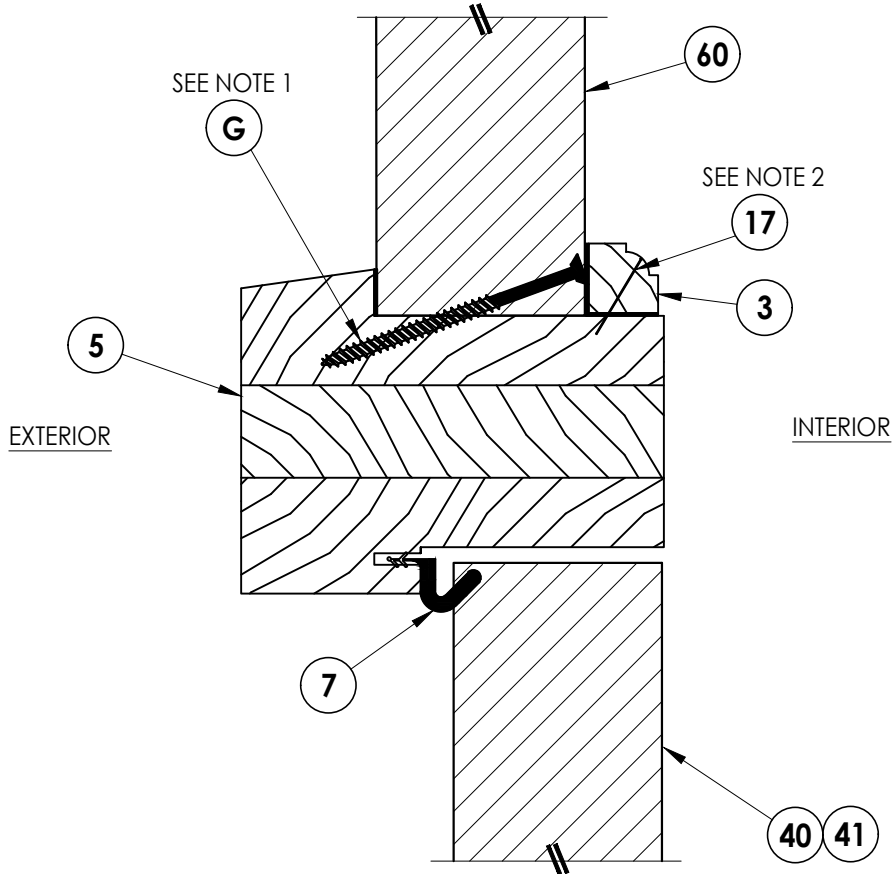
1. Install 6" from each end & 14.6" max. O.C. thereafter.
2. Install (in pairs) 1" from ends & 4" O.C.
3. Install 4" from each end (2 total).



1
7 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)

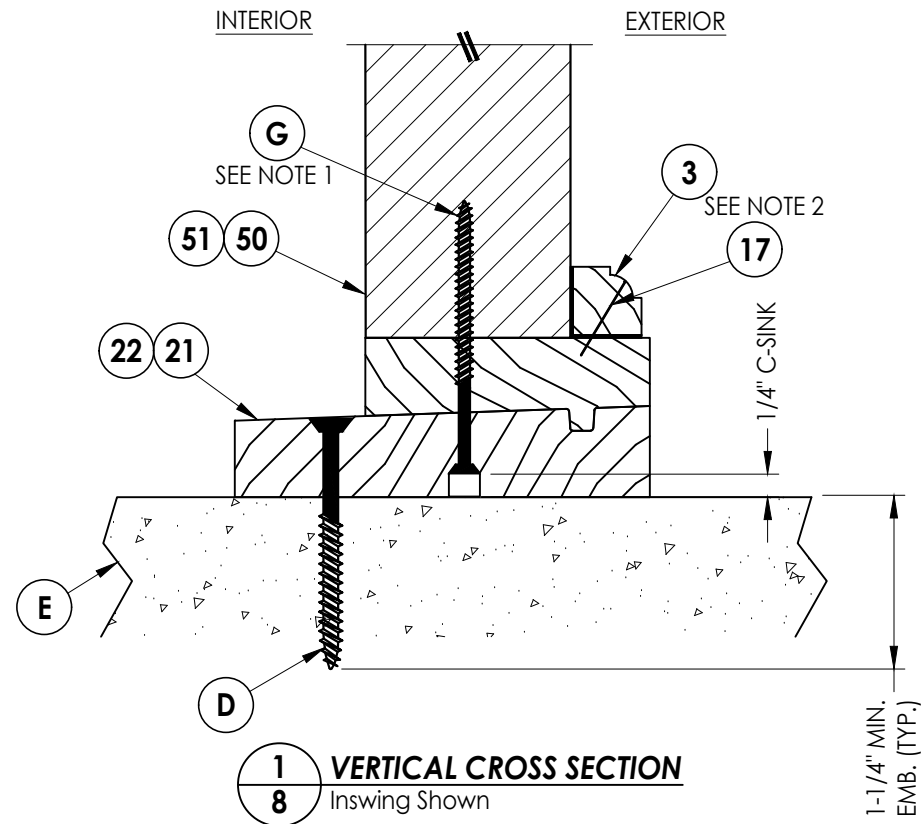


2
7 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)

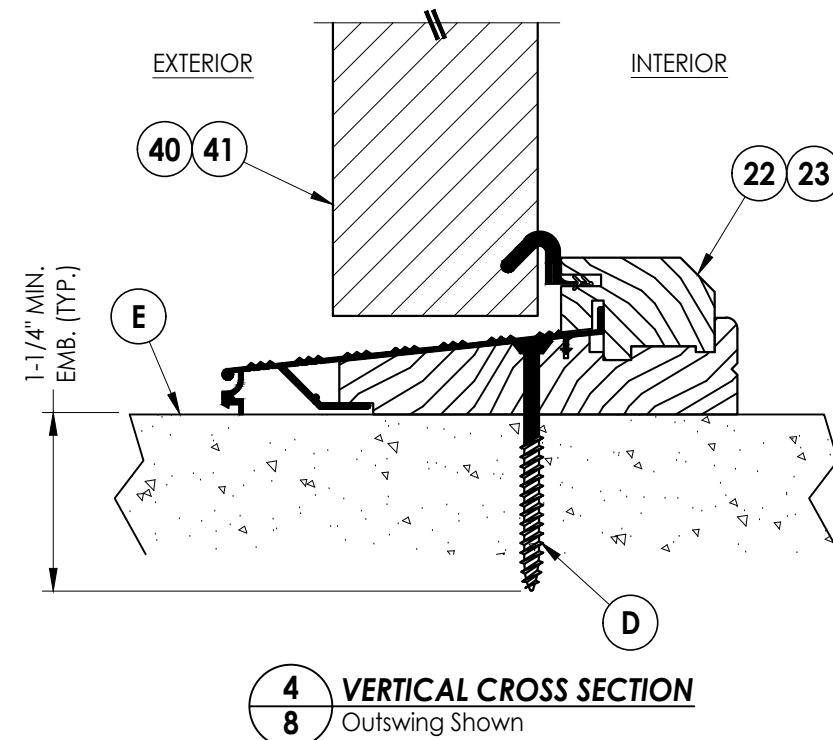
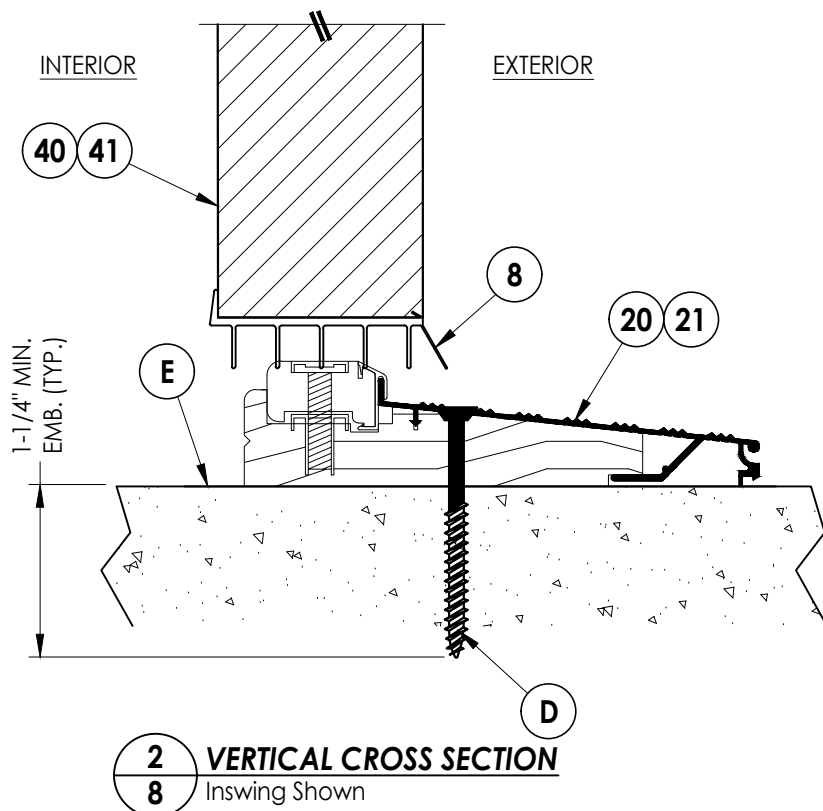
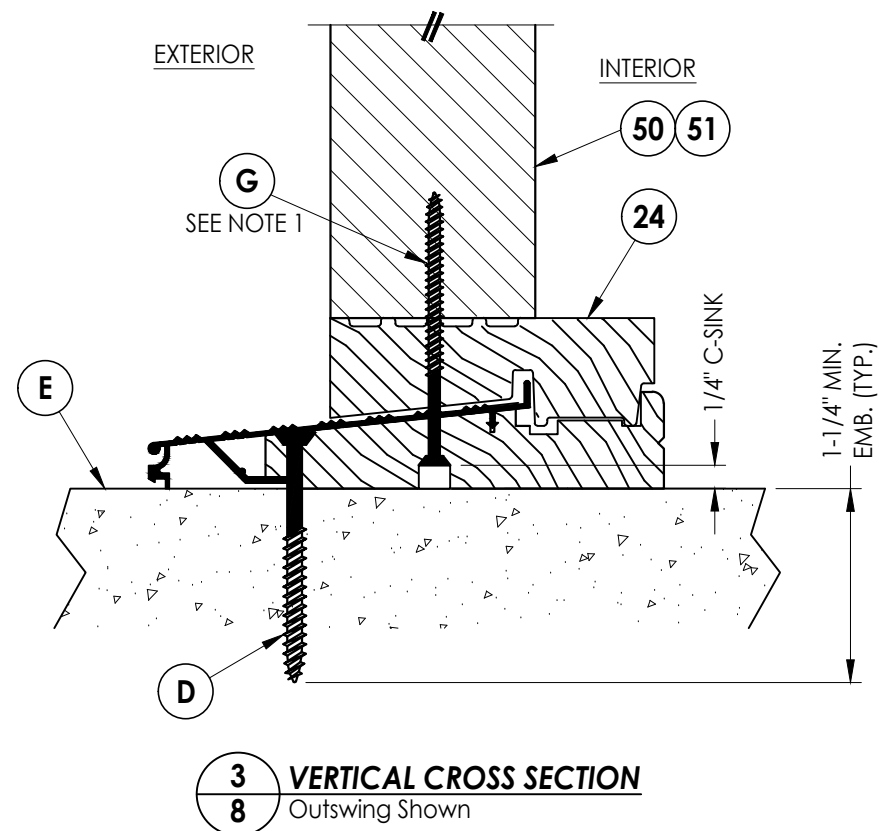


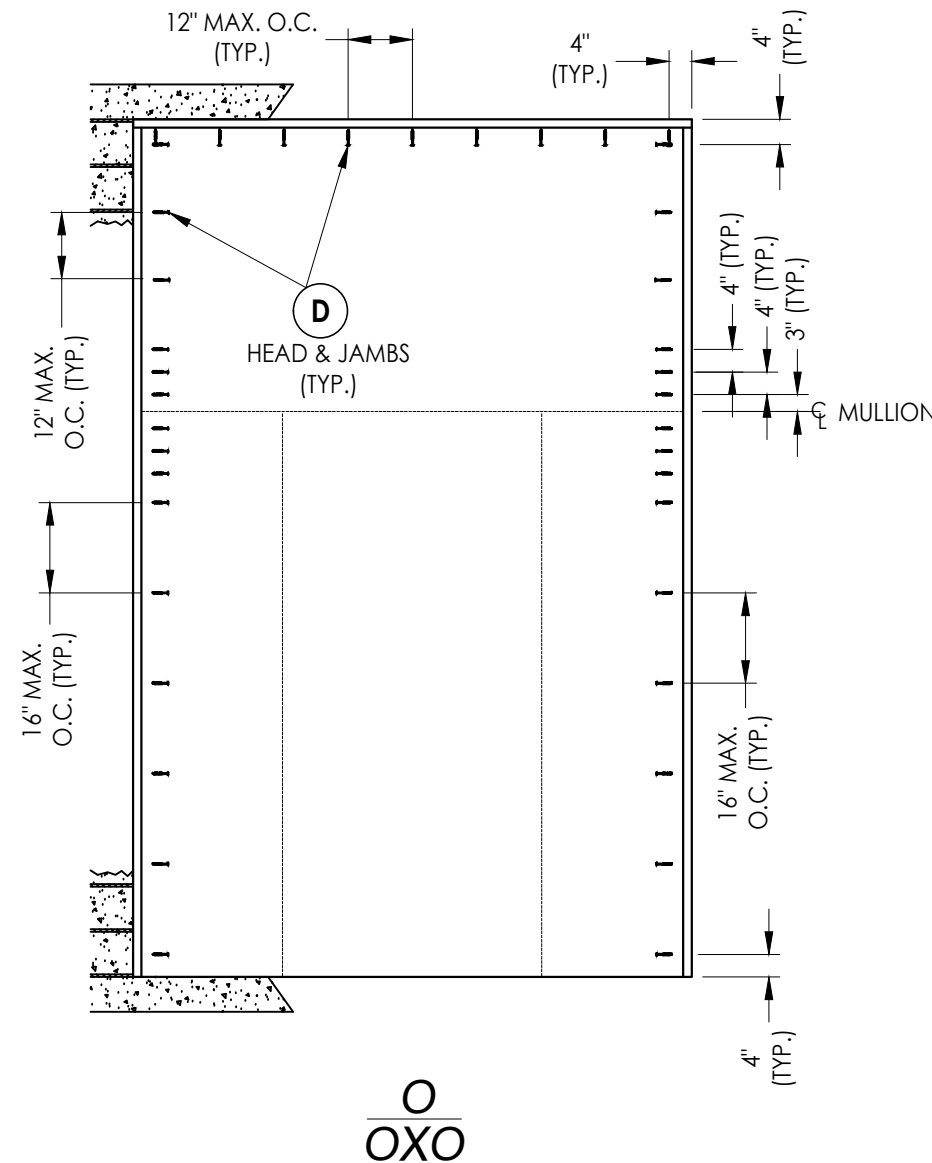
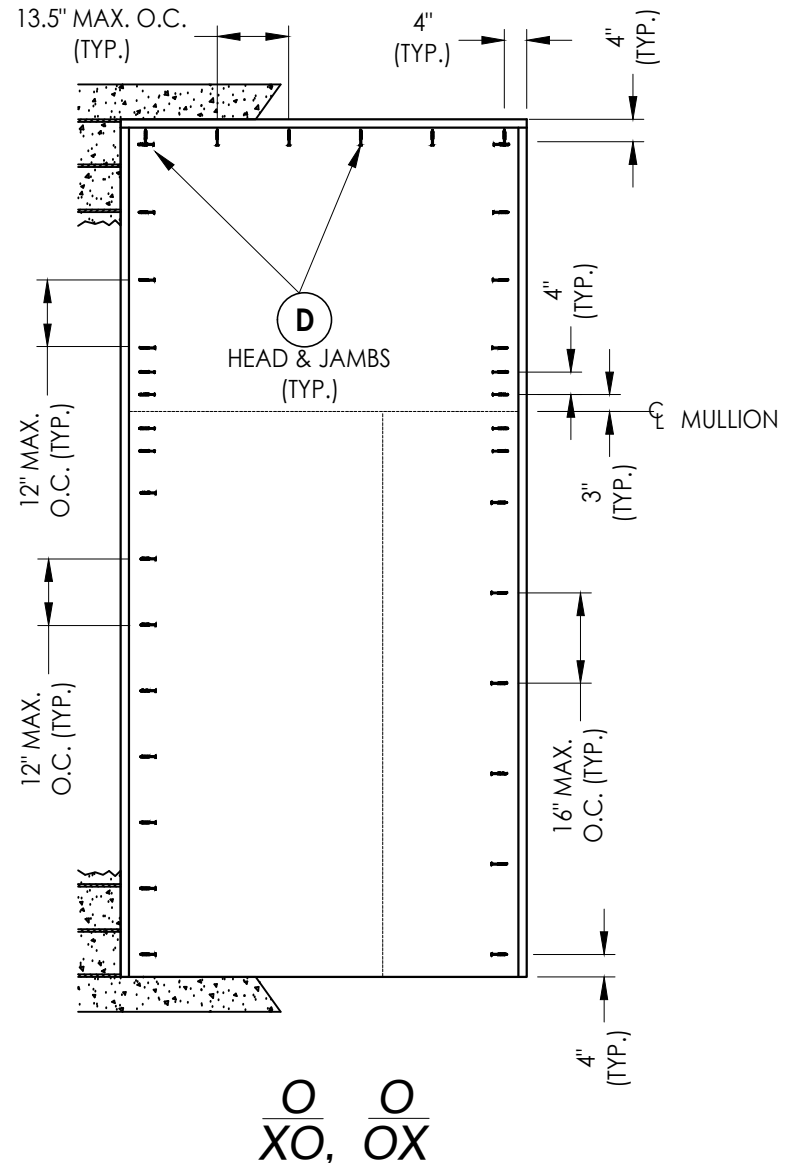
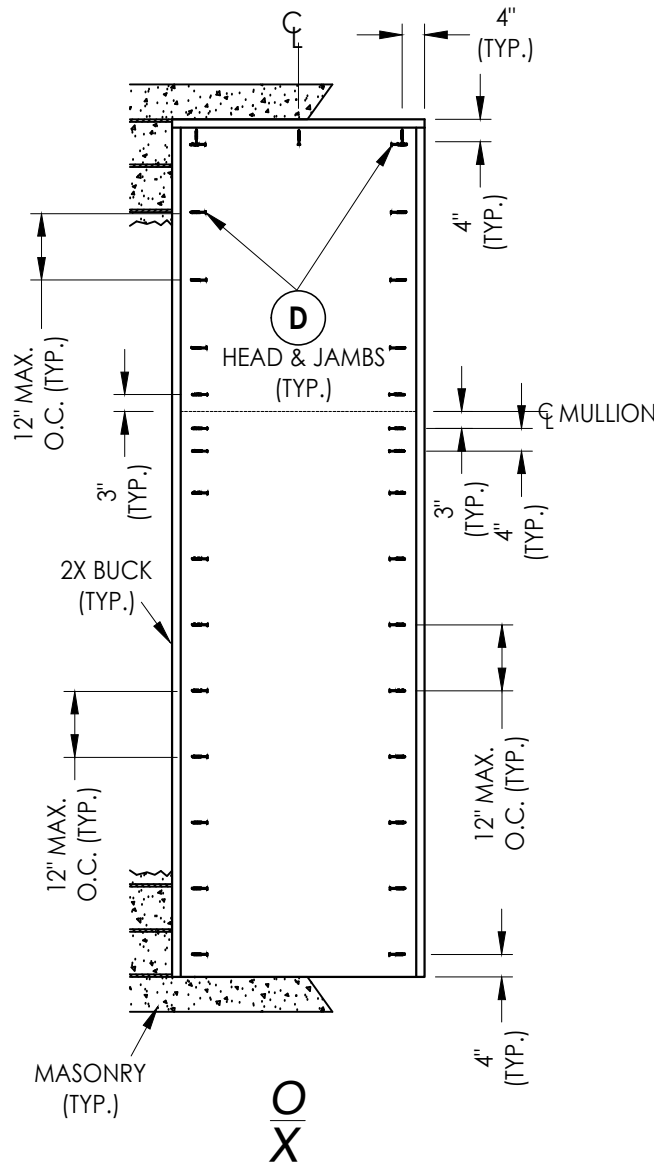
3
7 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)

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			
PRODUCT: DALLAS MILLWORK INC. WOOD DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS					
				LFS			
				UPDATE TO 8TH ED. (2023) FBC			
				UPDATE TO 7TH ED. (2020) FBC			
				NO.	DATE		
				1	8/07/20		
				2	10/5/23		
DATE: 11/20/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-30905.2							
SHEET 7 OF 12							



- NOTES:**
1. Install 4" from each end (2 total).
2. Install (in pairs) 1" from ends & 4" O.C.

[illegible]



2X BUCK ANCHORING

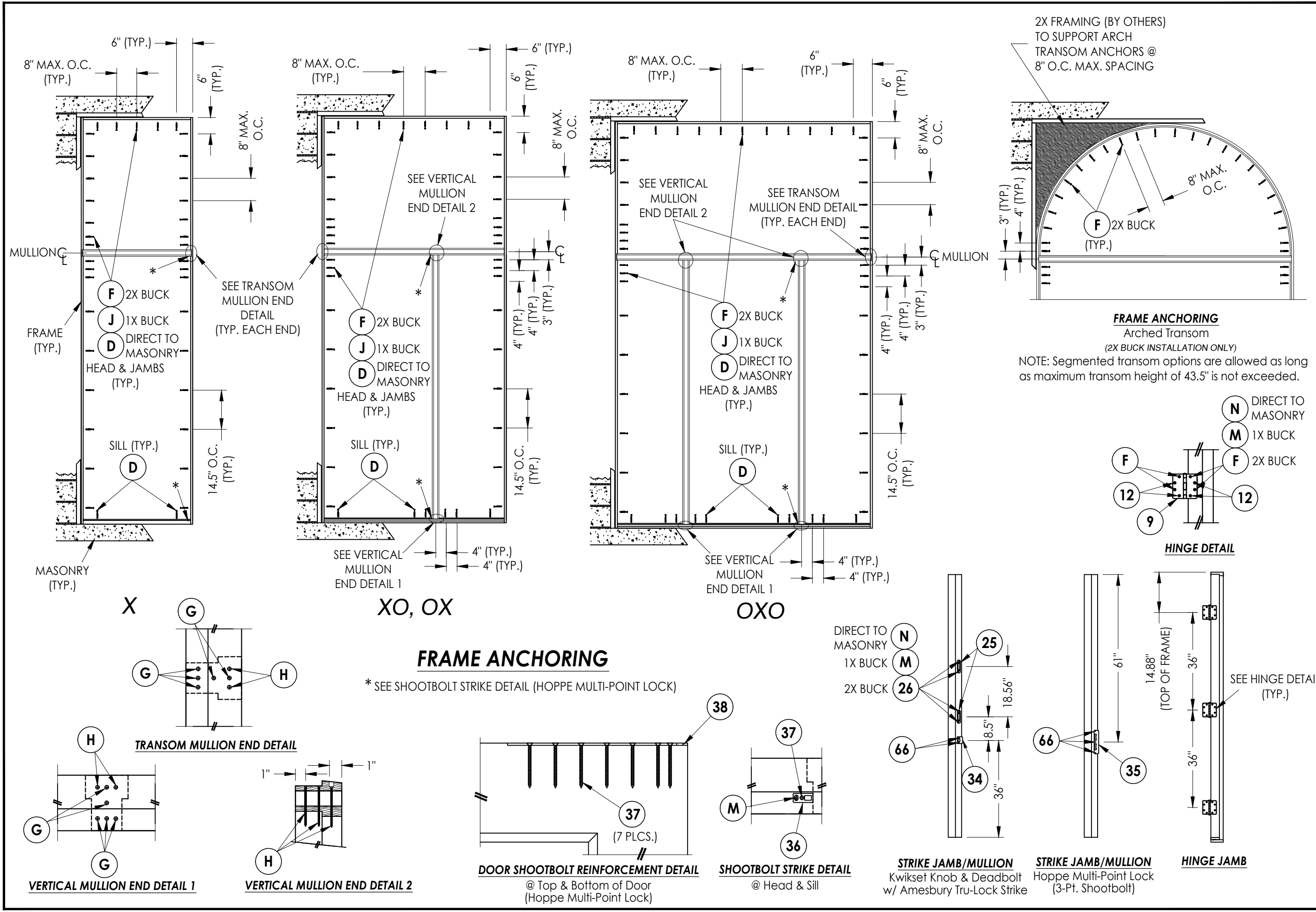
[illegible]

PRODUCT: DALLAS MILLWORK INC.
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



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

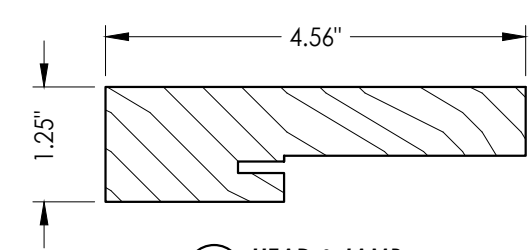
PRODUCT: DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

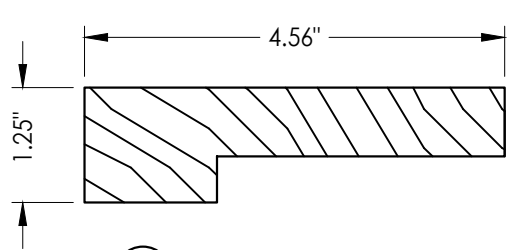
[illegible]

DATE:	11/20/19
SCALE:	N.T.S.
DWG. BY:	TRJ
CHK. BY:	LFS
DRAWING NO.:	FL-30905.2
SHEET	10 OF 12

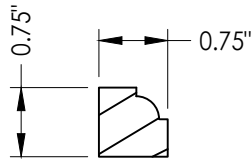
Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.1-2.dwg



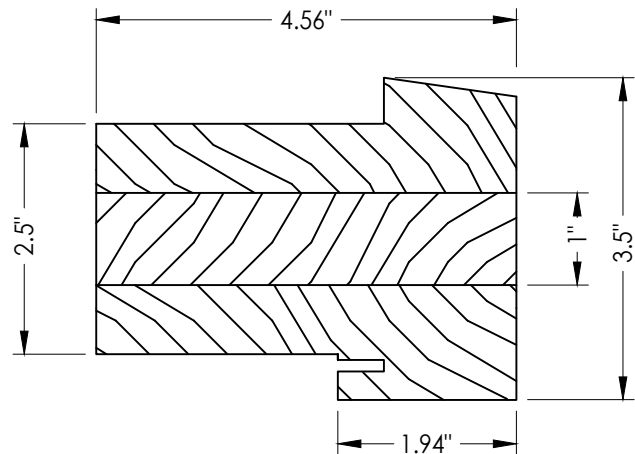
1 HEAD & JAMB



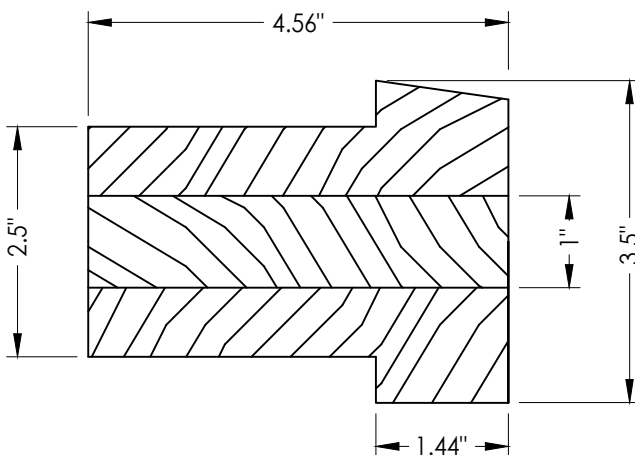
2 SIDELITE/TRANSOM JAMB



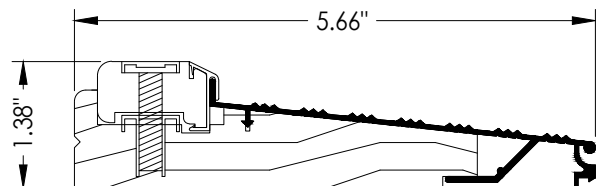
3 SIDELITE/TRANSOM STOP



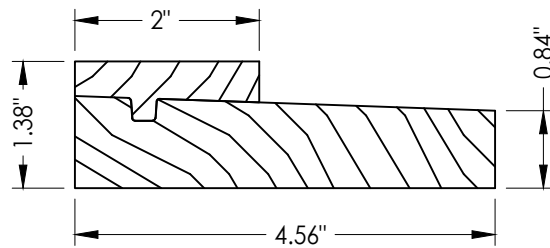
5 TRANSOM MULLION
@ Door



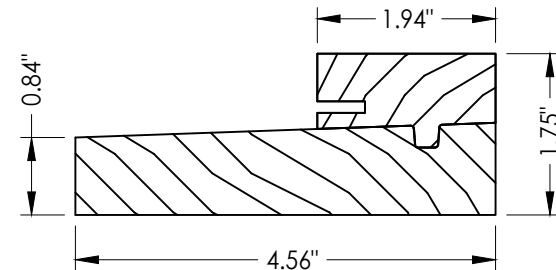
6 TRANSOM MULLION
@ Sidelite



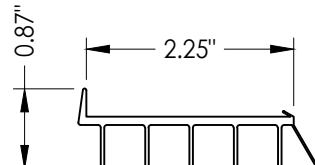
20 INSWING THRESHOLD



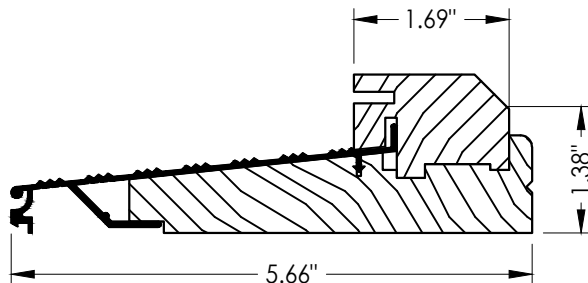
21 INSWING THRESHOLD



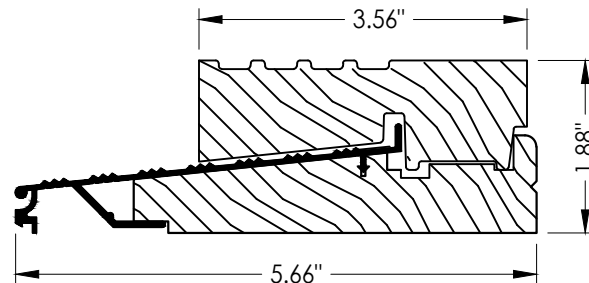
22 OUTSWING THRESHOLD



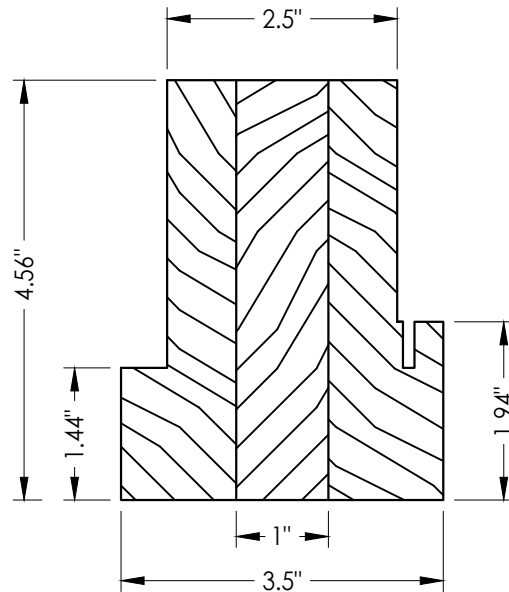
8 DOOR SWEEP



23 OUTSWING THRESHOLD



24 OUTSWING SIDELITE THRESHOLD



4 VERTICAL MULLION

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:
DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
COMPONENTS

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

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-30905.2

SHEET 11 of 12

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 BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"

PRODUCT: DALLAS MILLWORK INC. WOOD DOOR		PART OR ASSEMBLY: BILL OF MATERIALS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE: 11/20/19	2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
SCALE: N.T.S.	1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
DWG. BY: TRJ	NO.	DATE			BY
CHK. BY: LFS	REVISIONS				
DRAWING NO.: FL-30905.2					
SHEET 12 OF 12					