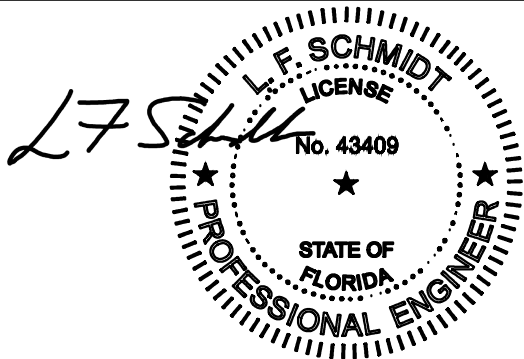




**WOOD ENTRY DOOR
DOUBLE w/ TRANSOM
INSWING / OUTSWING
"IMPACT"**

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.

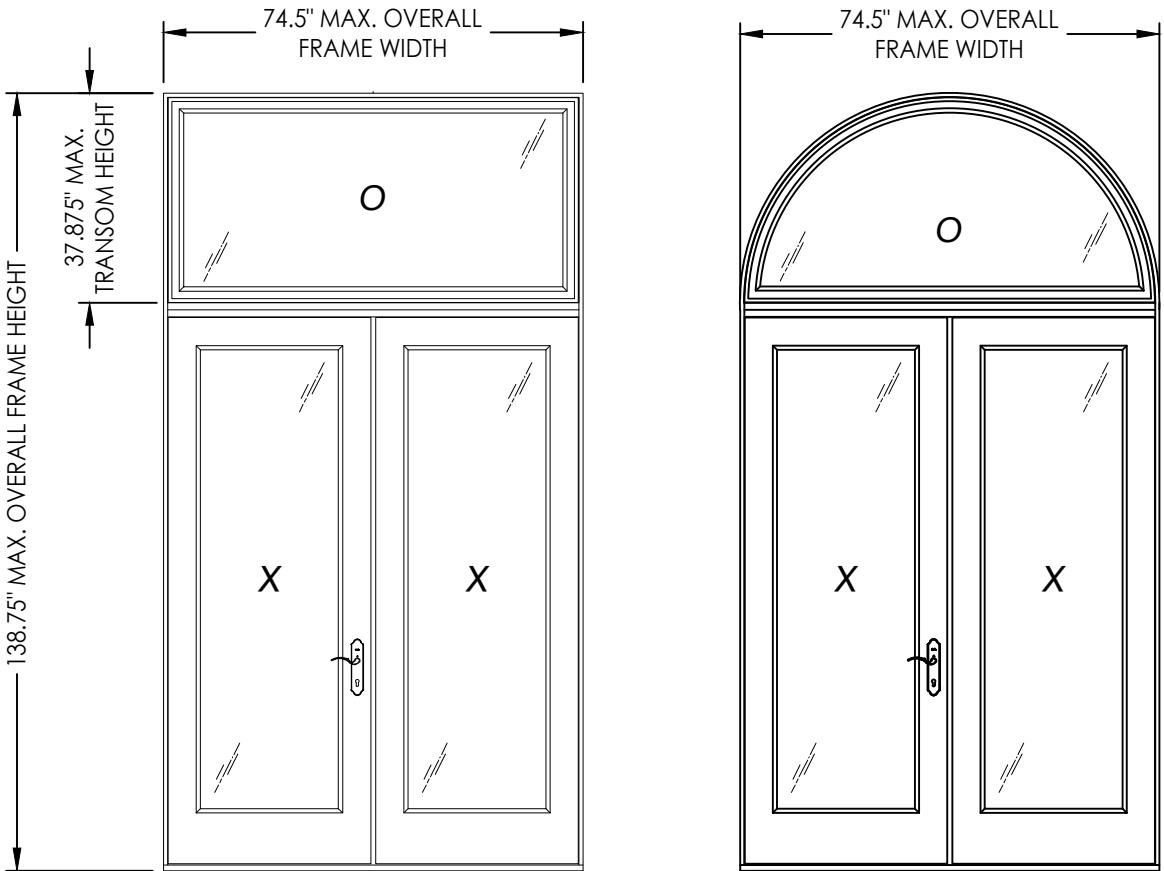
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Transom panel details
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring
9	Lock hardware details
10	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:23:24 -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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
$\frac{O}{XX}$	74.5" X 138.75"	+65.0	-75.0	+65.0	-75.0

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: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

[illegible]

DATE: 11/20/19

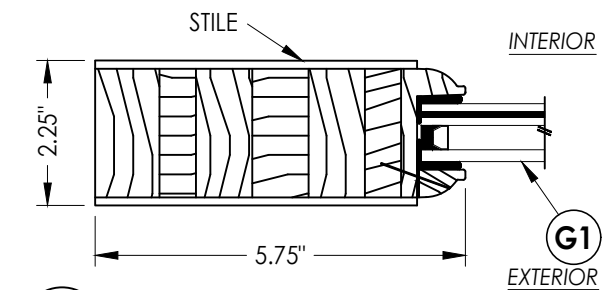
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DWG. BY: TRC

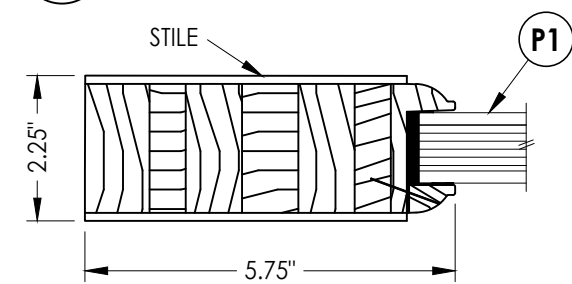
CHK. BY: LFS

DRAWING NO.:
FL-30905.4

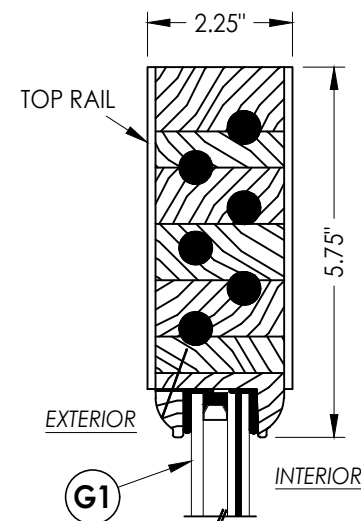
SHEET 1 OF 10



1 HORIZONTAL CROSS SECTION



2 HORIZONTAL CROSS SECTION



3 VERTICAL CROSS SECTION
2

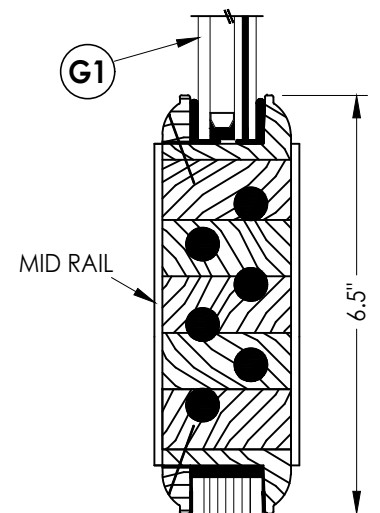
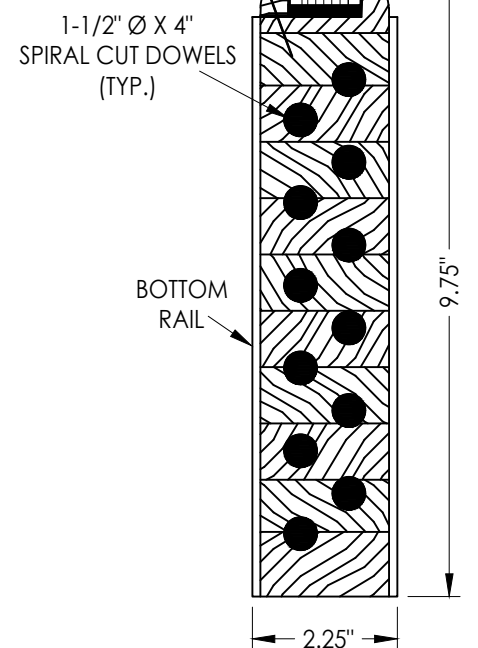
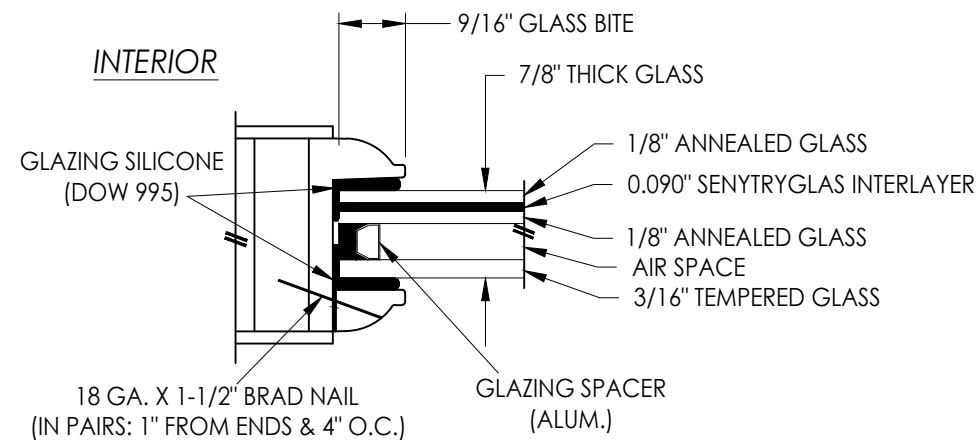


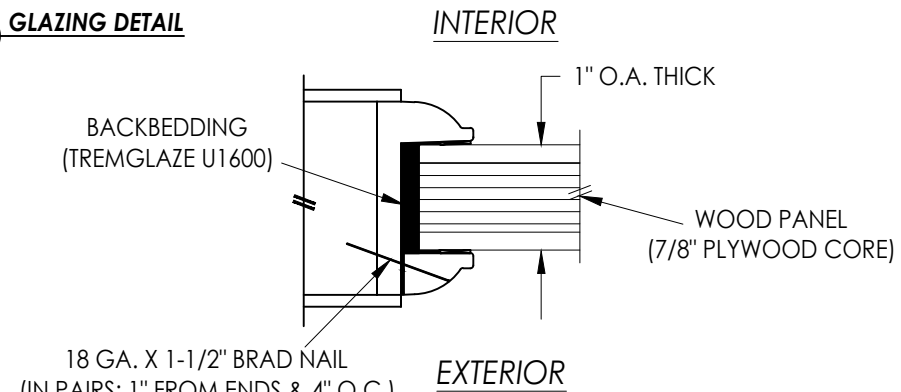
Diagram illustrating the location of the pressure measurement point (P1) on the vertical wall. The measurement is taken on the exterior surface of the wall, as indicated by the arrow pointing to the exterior side. The interior side is also labeled.



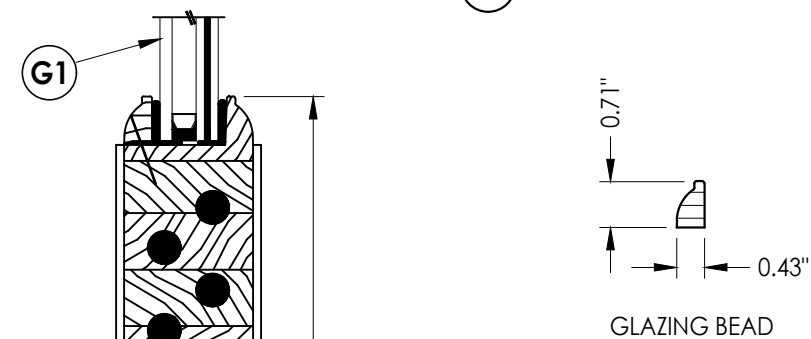
5 VERTICAL CROSS SECTION
2



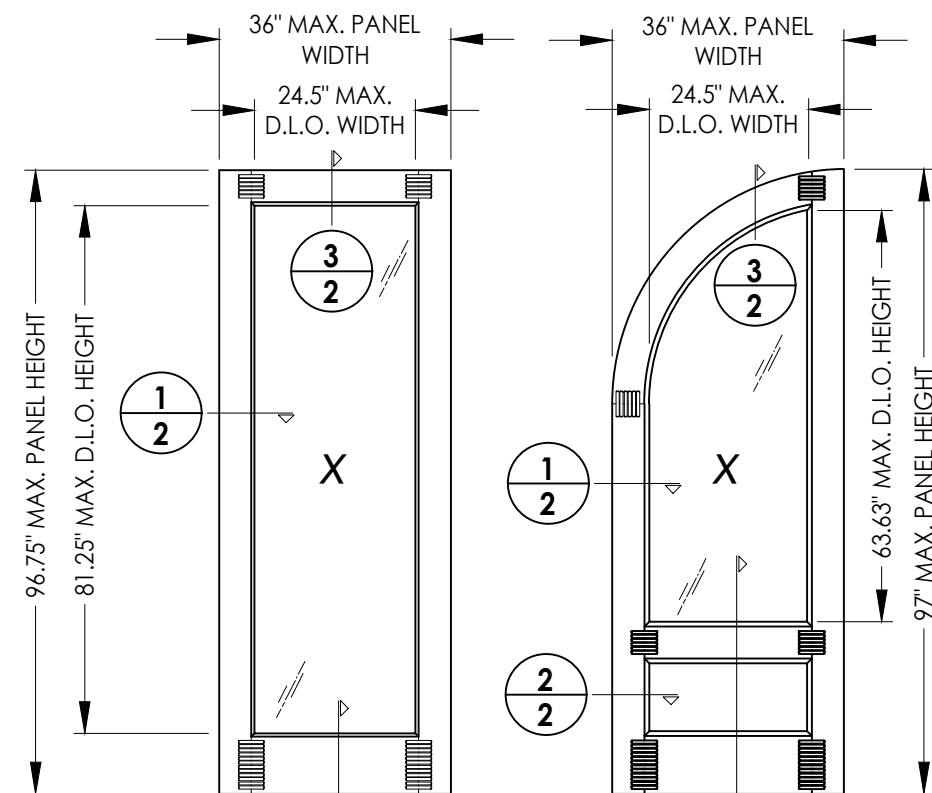
EXTERIOR **(G1)** GLAZING DETAIL



P1 PANEL INFIL DETAIL



4 VERTICAL CROSS SECTION
2



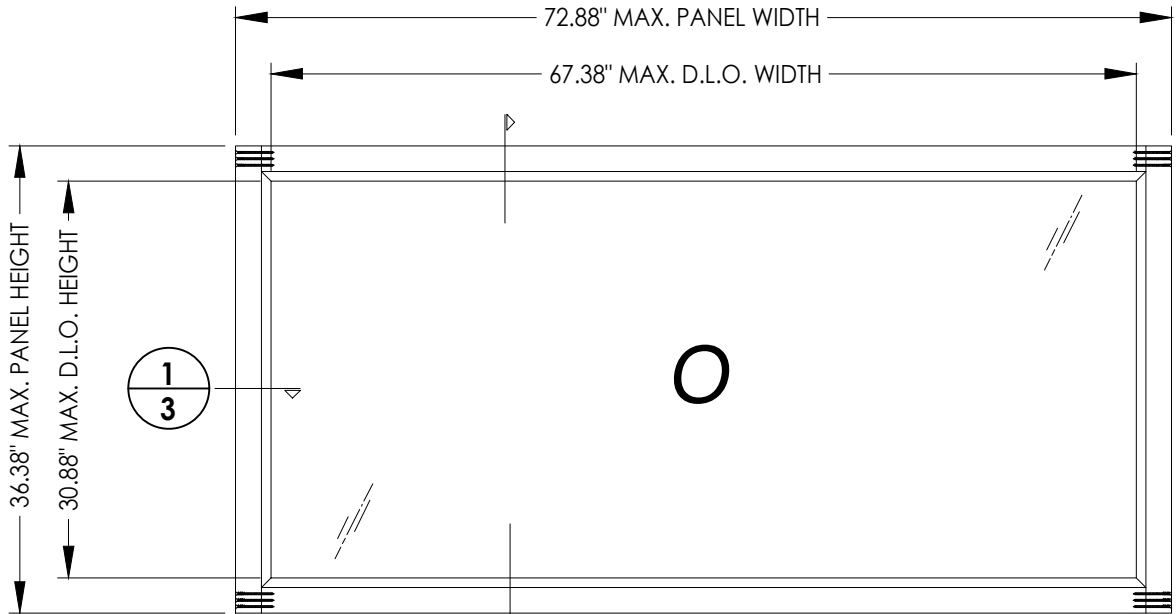
40 **WOOD DOOR**
Full Lite

41 **WOOD DOOR**
Arch Top - 3/4 Lite

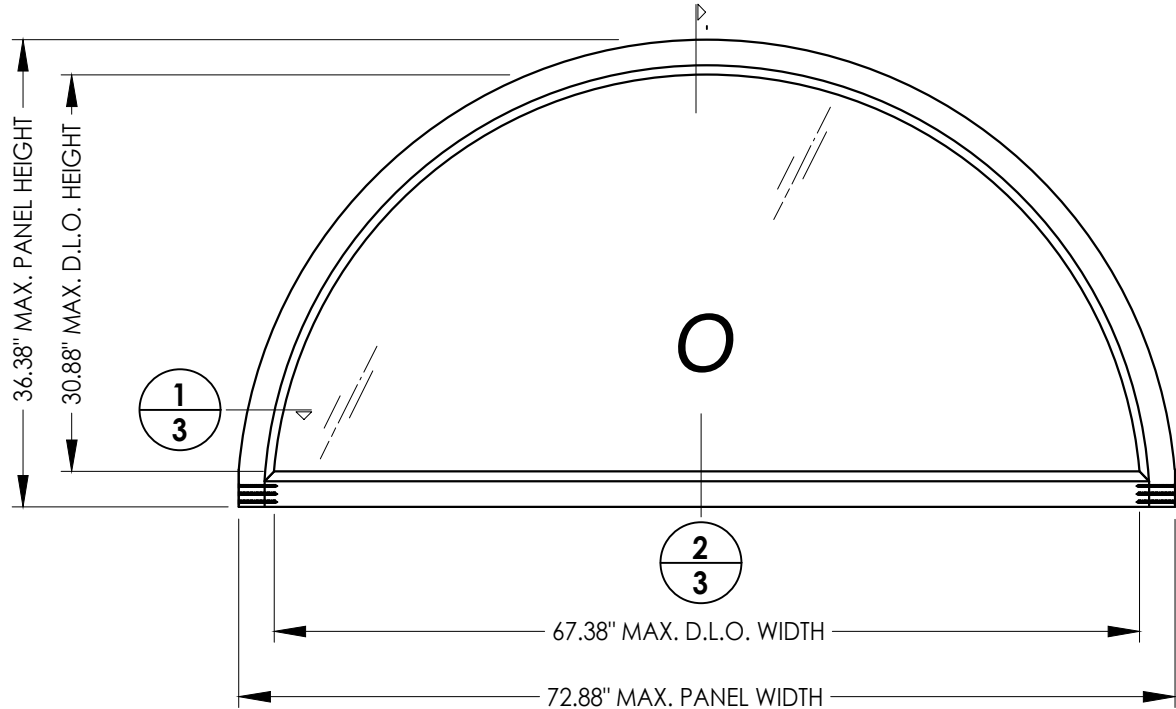
WOOD DOOR PANEL MATERIAL: SAPELE (S.G. ≥ 0.54)

[illegible]

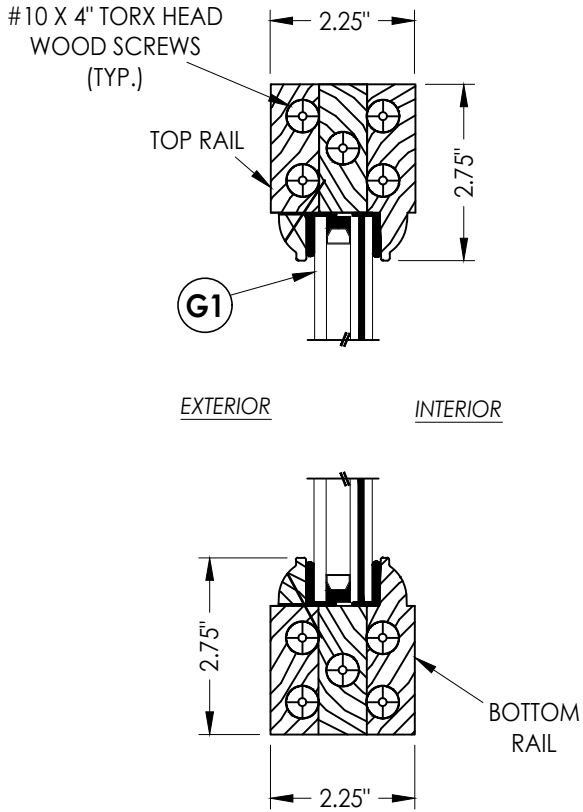
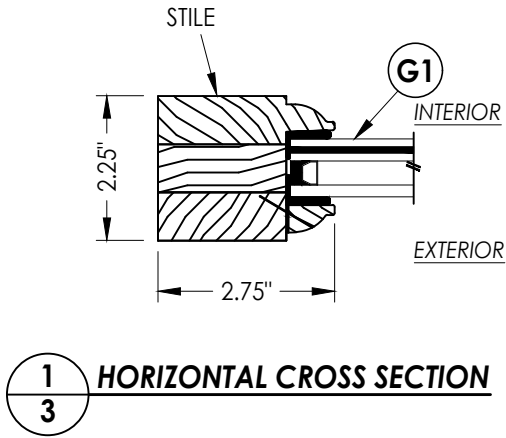
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60 WOOD TRANSOM



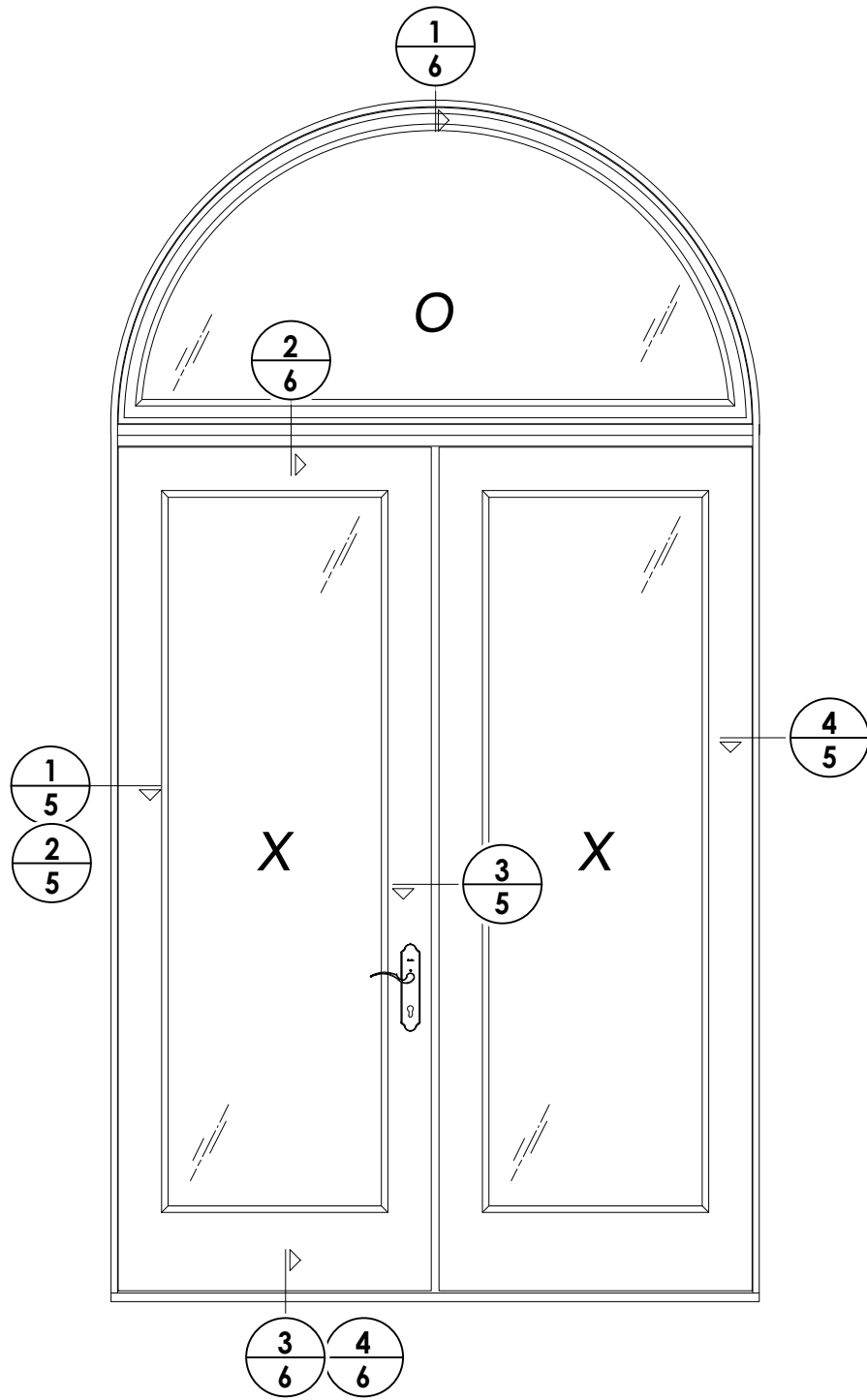
60 WOOD TRANSOM
HALF-ROUND



2 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	FBC	10/5/23	UPDATE TO 8TH ED. (2023)
				LFS	FBC	8/07/20	UPDATE TO 7TH ED. (2020)
				NO.	DATE		
				REVISIONS			
DATE: 11/20/19							
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-30905.4							
SHEET 3 OF 10							

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



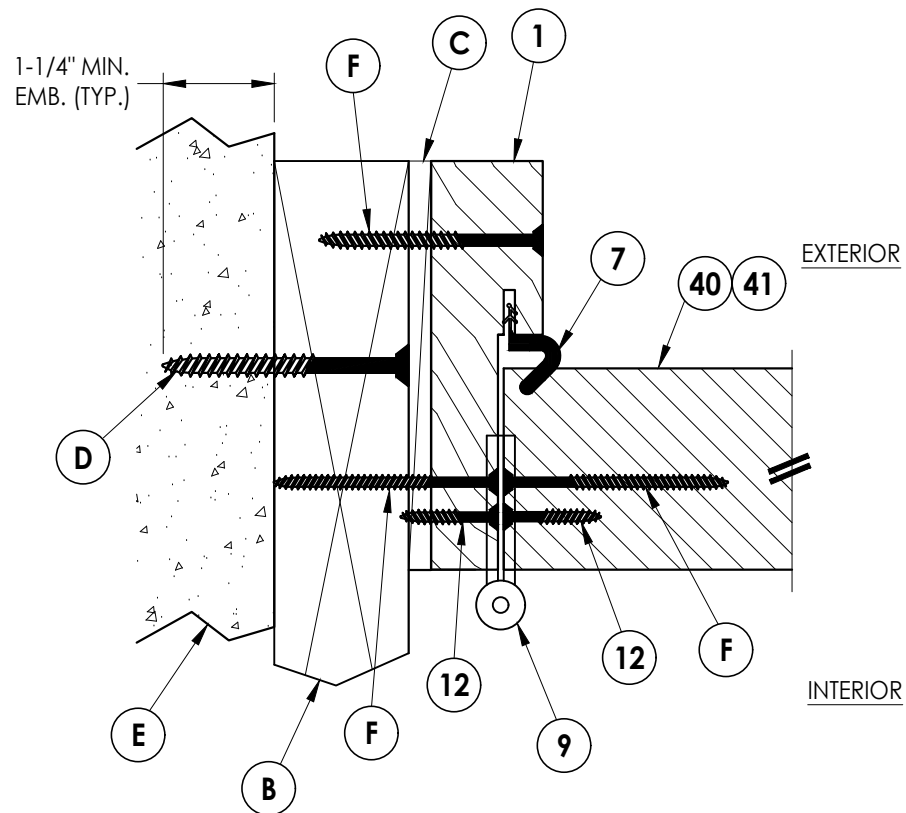
HARDWARE CHART		
MANUFACTURER	MODEL	DOOR
HOPPE	HLS 9000 (3 pt. Shootbolt)	ACTIVE
HOPPE	HLS 9000 (2 pt. Shootbolt)	INACTIVE

[illegible]

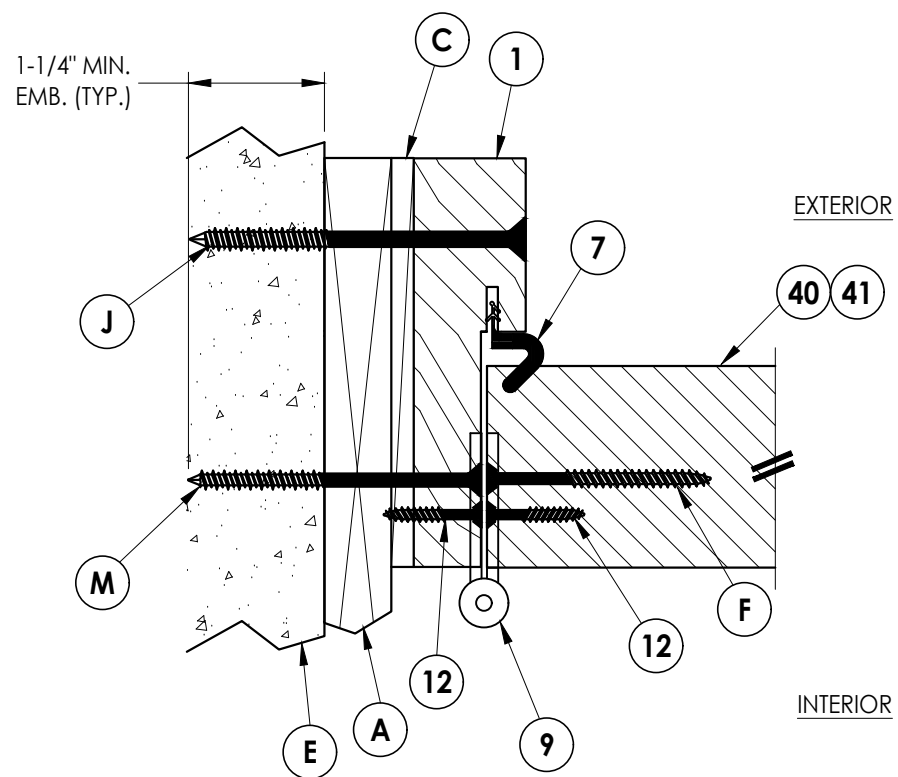
PRODUCT:	DALLAS MILLWORK WOOD DOOR
PART OR ASSEMBLY:	ELEVATIONS

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

R^{GW} BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

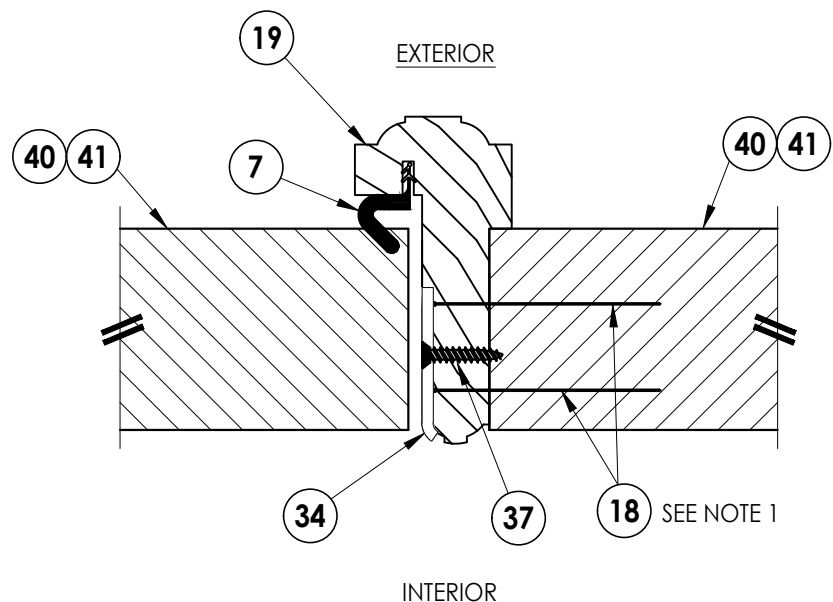


1
5 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown w/ 2X Buck Construction

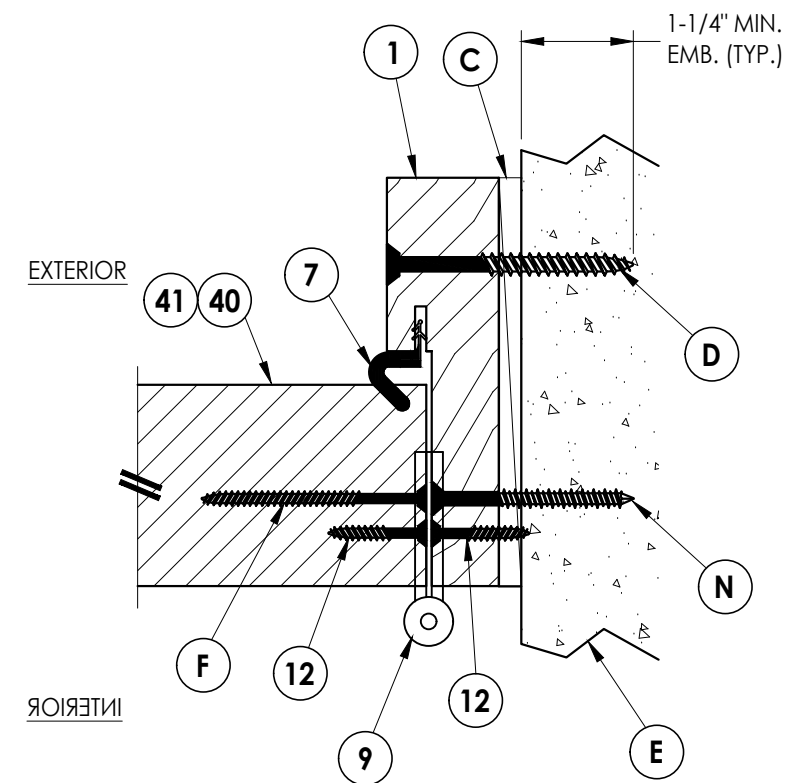


2
5 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown w/ 1X Sub-Buck

NOTES:
1. Install (in pairs) 1" from ends & 4" O.C.
2. Install (in pairs) 2" from ends plus 9 more pairs
equally spaced (11 pairs total).

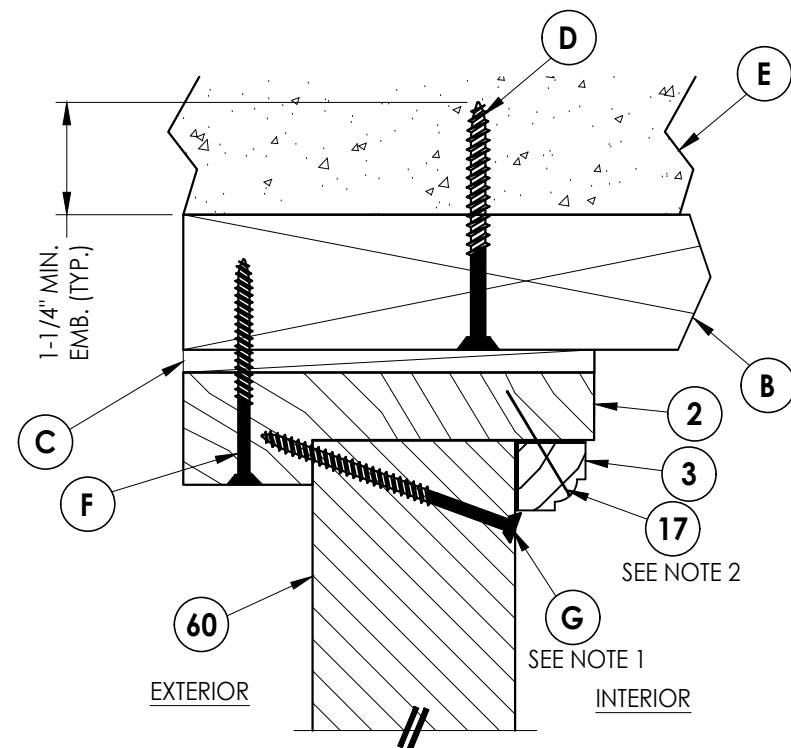


3
5 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)

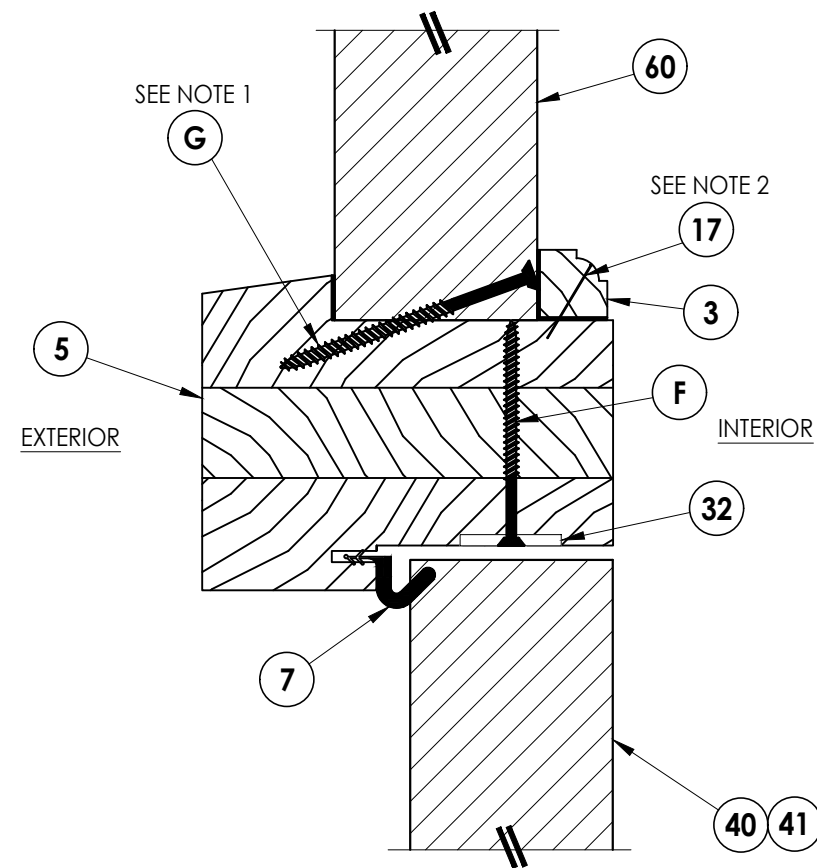


4
5 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
Shown Direct to Masonry

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409																			
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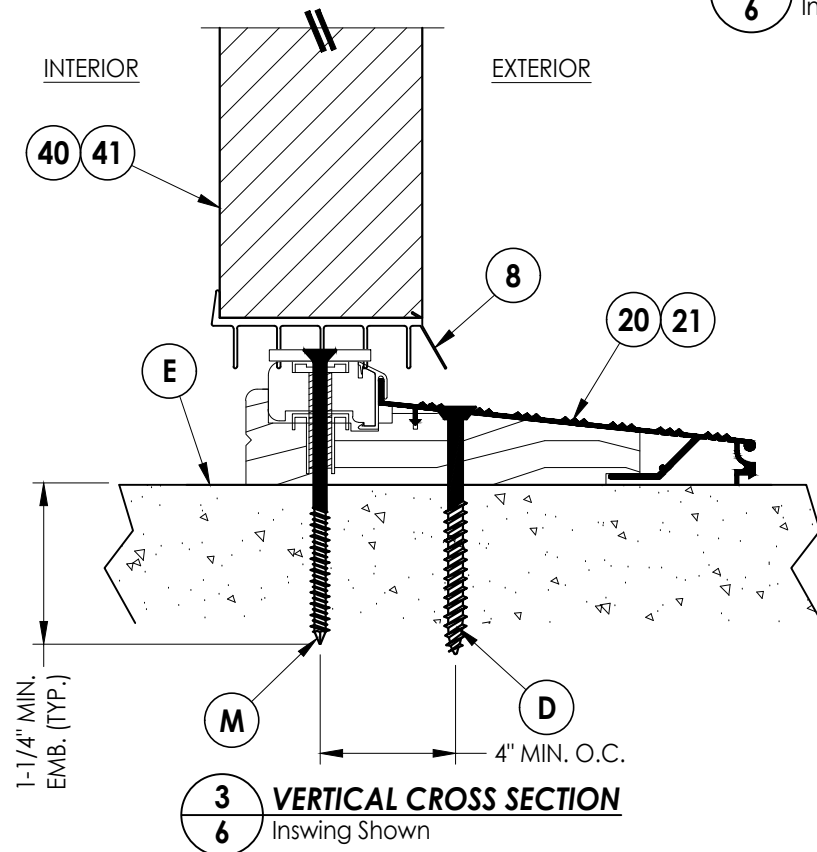
1 **VERTICAL CROSS SECTION**
6 Inswing Shown (Outswing Similar)



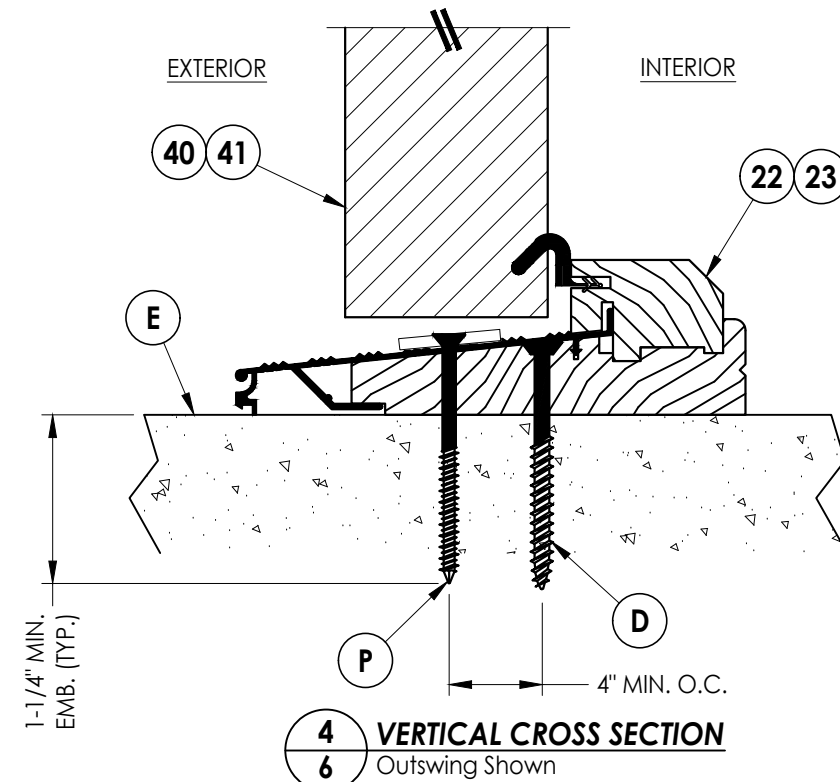
2 VERTICAL CROSS SECTION
6 Inswing Shown (Outswing Similar)

NOTES:

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



3 VERTICAL CROSS SECTION 6 Inswing Shown



4 VERTICAL CROSS SECTION
6 Outswing Shown

[illegible]



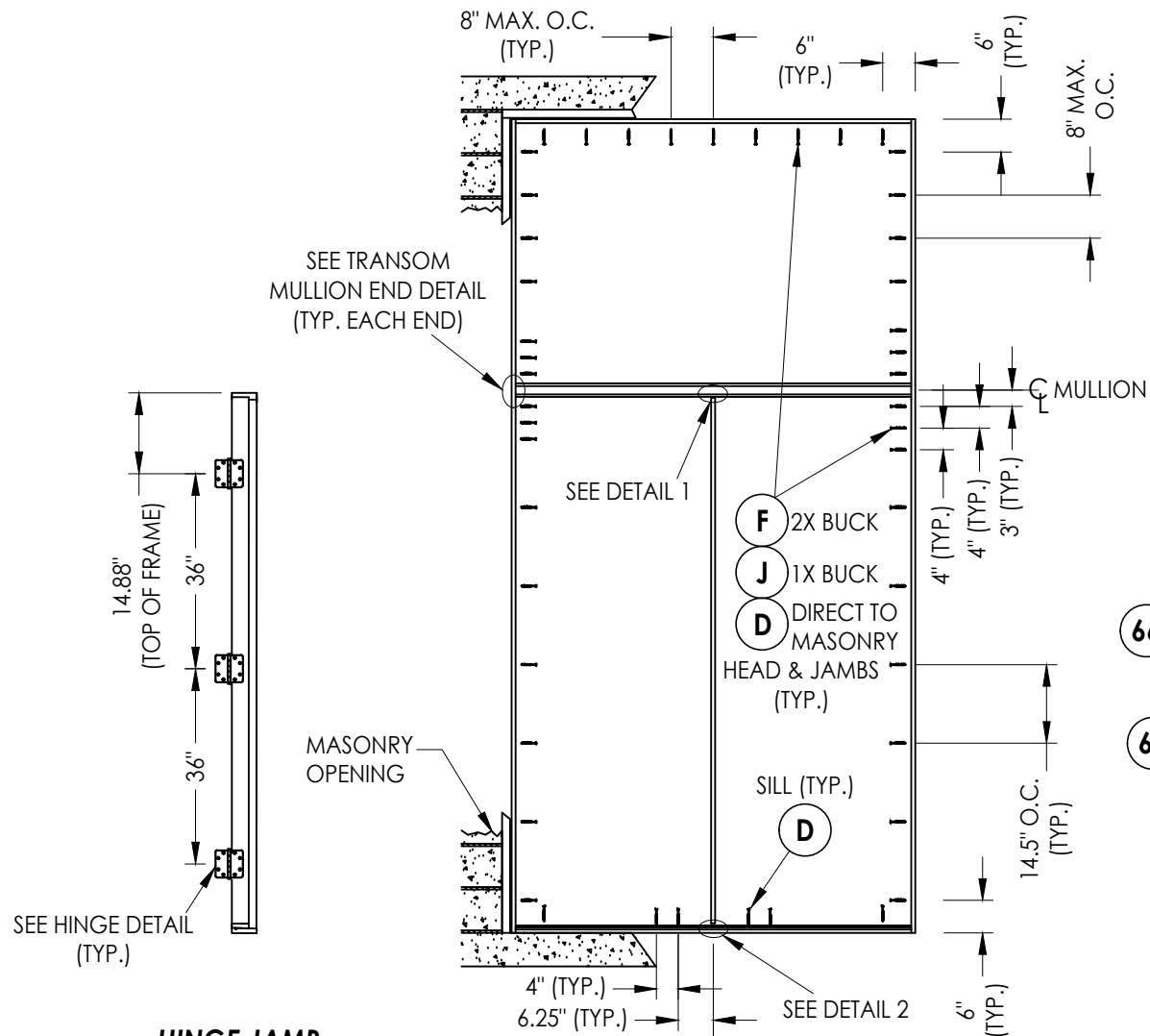
2	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE			BY	

PRODUCT:	DALLAS MILLWORK WOOD DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

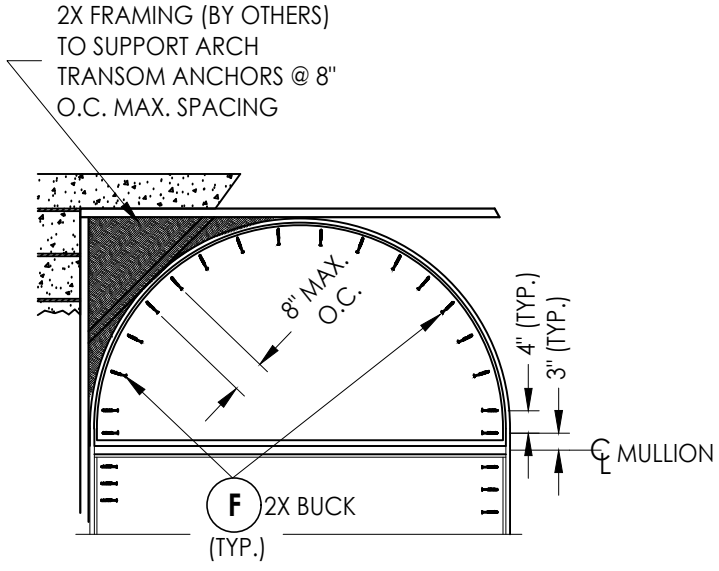
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 3

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Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-30905 R2 IMP Wood Doors\FL-30905.3-4.dwg

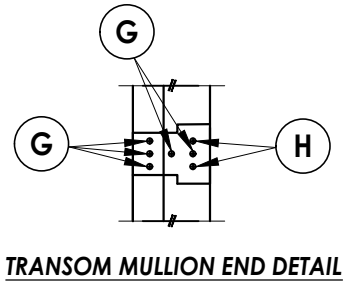
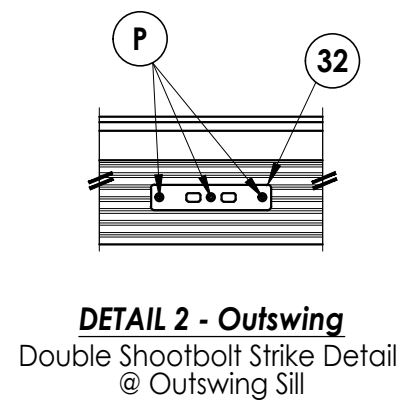
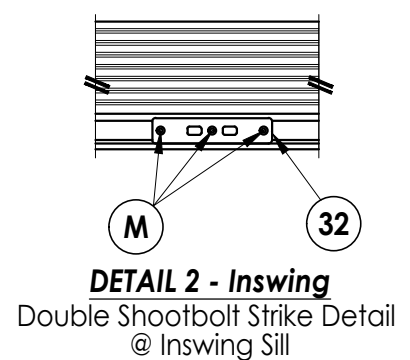
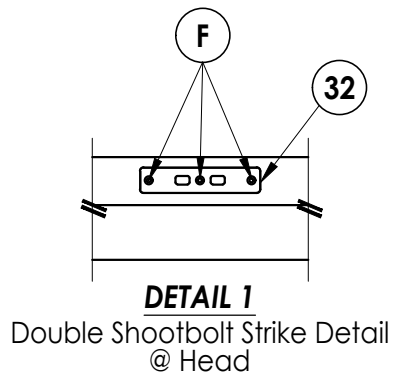
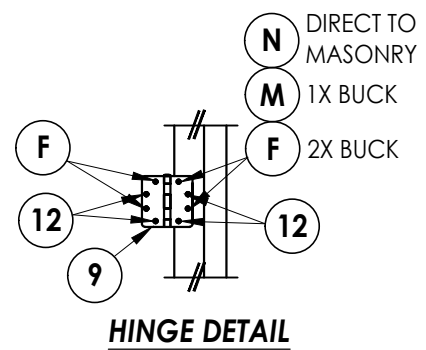
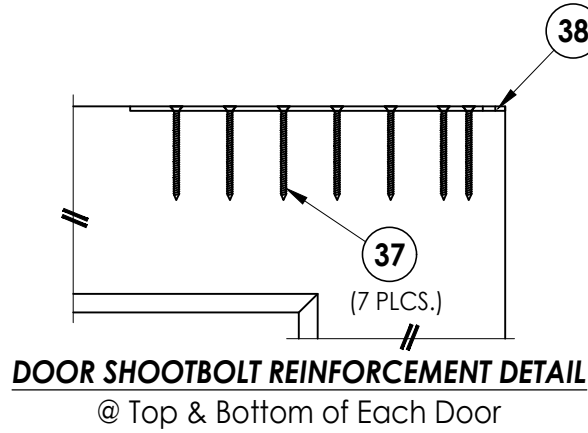


FRAME ANCHORING



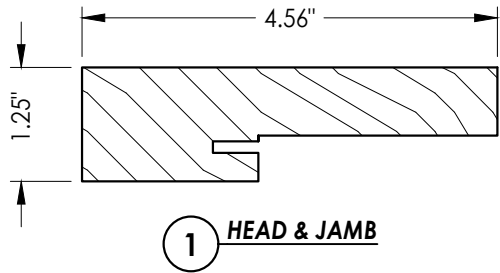
FRAME ANCHORING

Arched Transom
(2X BUCK INSTALLATION ONLY)
NOTE: Segmented transom options are allowed as long as maximum transom height of 37.875" is not exceeded.

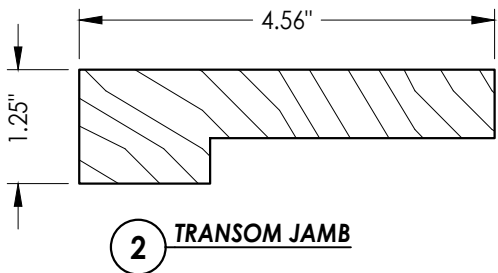


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										<									
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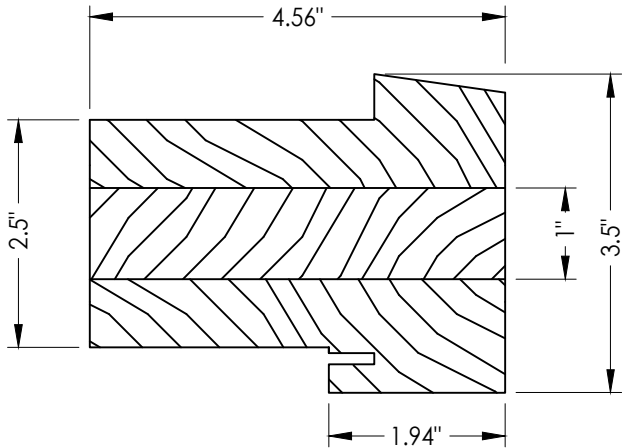
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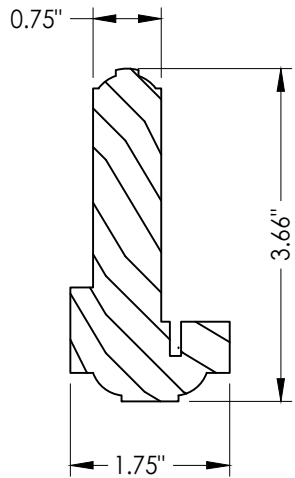
1 HEAD & JAMB



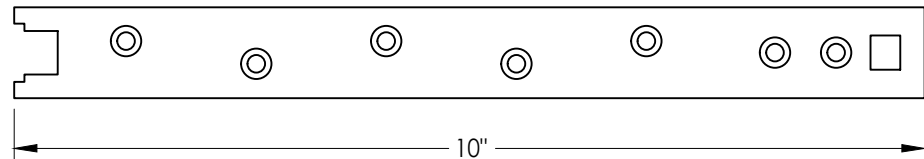
2 TRANSOM JAMB



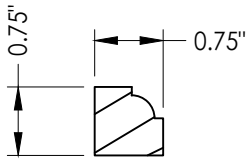
5 TRANSOM MULLION



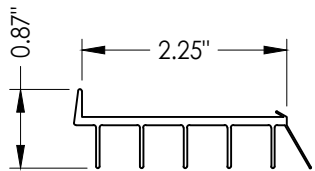
19 ASTRAGAL



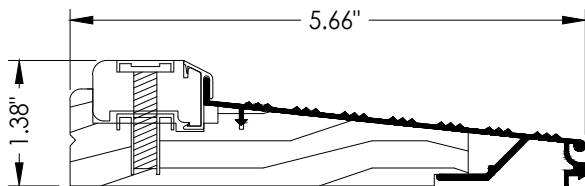
38 DOOR REINFORCEMENT STRAP



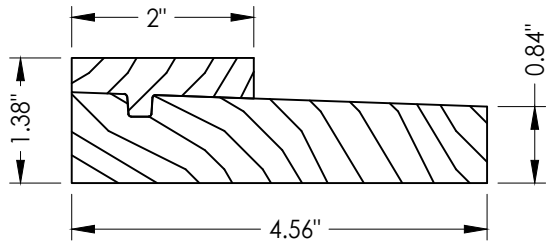
3 TRANSOM STOP



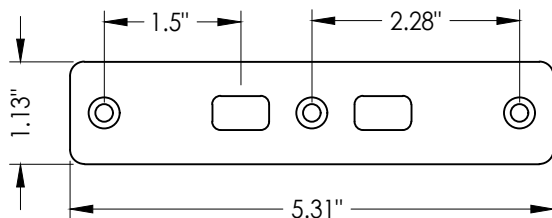
8 DOOR SWEEP



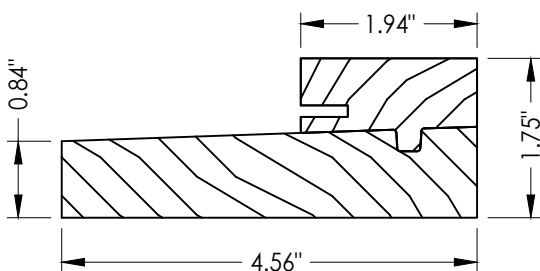
20 INSWING THRESHOLD



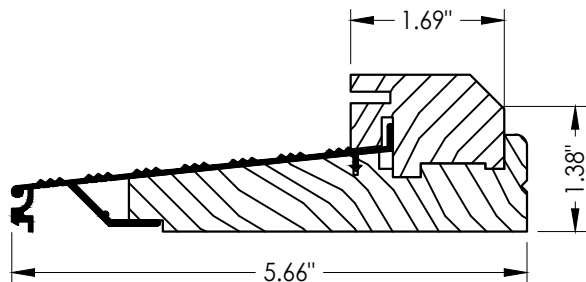
21 INSWING THRESHOLD



37 DOUBLE SHOOTBOLT STRIKE PLATE



22 OUTSWING THRESHOLD



23 OUTSWING THRESHOLD

DATE: 11/20/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-30905.4

SHEET 9 OF 10

PRODUCT:

DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:

COMPONENTS

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

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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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
G	#10 X 3" PFH WOOD SCREW	STEEL
H	#10 X 4" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD 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
2	TRANSOM JAMB	WOOD
3	TRANSOM STOP	WOOD
5	TRANSOM MULLION	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	PVC
9	4" X 4" HINGE	STEEL
12	#12 X 1" PFH WOOD SCREW	STEEL
17	18 GA. X 1-1/2" BRAD NAIL	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
24	OUTSWING SIDELITE 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 (OPAQUE)	WOOD
41	WOOD DOOR PANEL (GLAZED 3/4 LITE)	WOOD
60	WOOD TRANSOM PANEL	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)

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX 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"

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.

[illegible]