

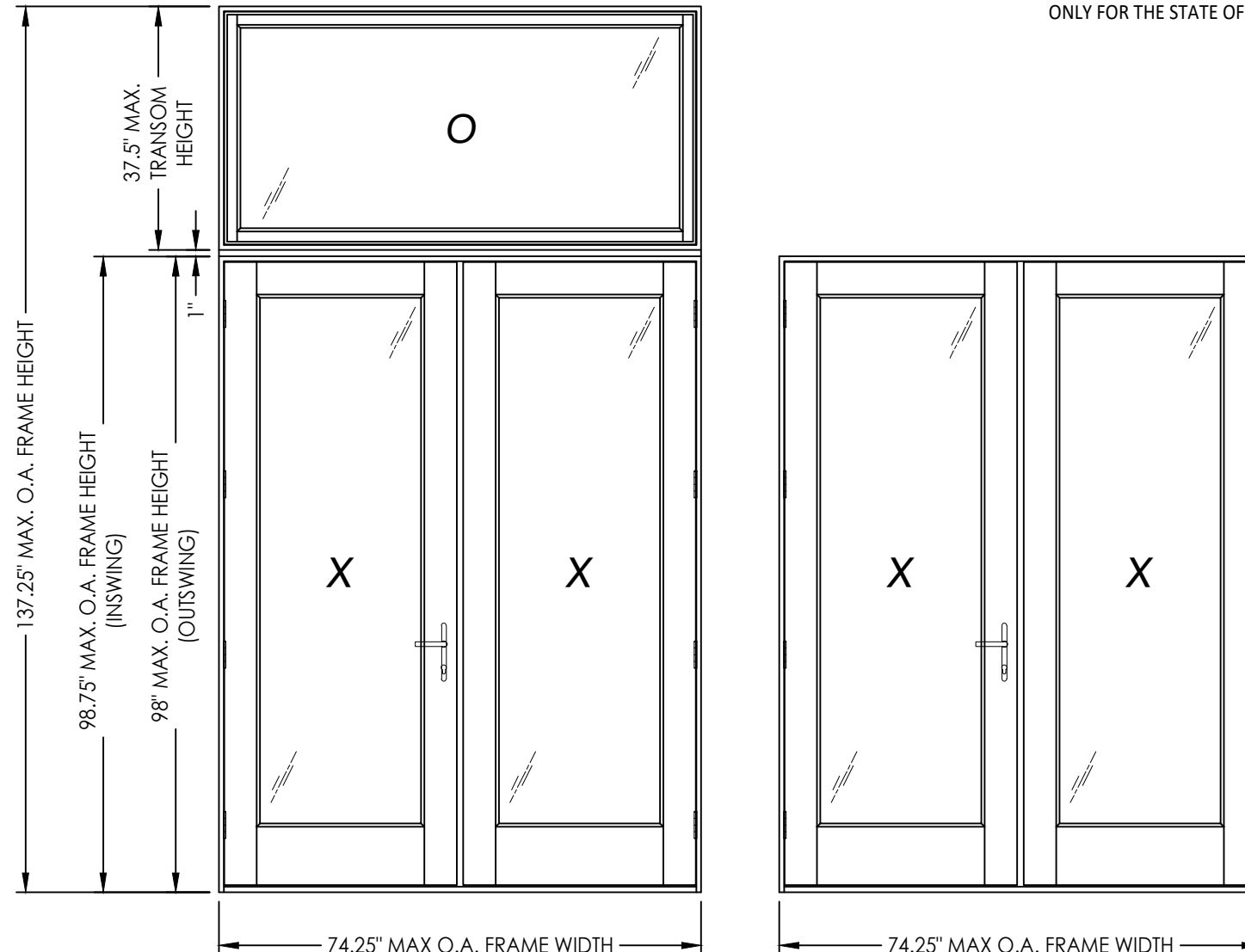


**WOOD GLAZED OR OPAQUE
DOUBLE DOOR
w/ or w/out TRANSOM
INSWING/OUTSWING
"NON-IMPACT"**

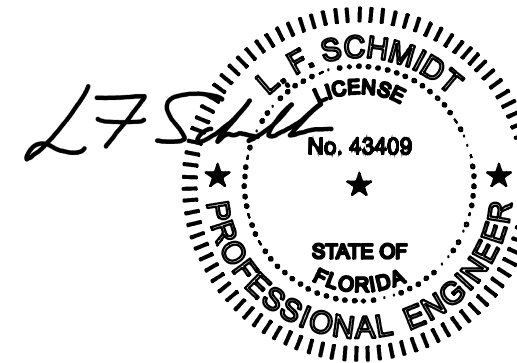
GENERAL NOTES

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 wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 of the FBC.
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	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	7	Horizontal & Vertical Cross Sections (Direct to Masonry)
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3	Transom Panel Details	9	Buck Anchoring
4	Elevations	10	Frame Anchoring
5	Horizontal & Vertical Cross Sections (2X Buck)	11	Hardware Details
6	Horizontal & Vertical Cross Sections (1X Buck)	12	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	+50.0	-50.0	+50.0	-50.0
$\frac{O}{XX}$	+50.0	-50.0	+50.0	-50.0



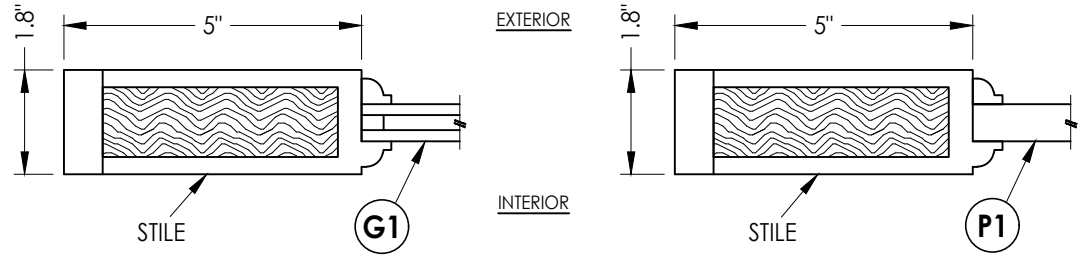
Digitally signed by
Lyndon F Schmidt
Date: 2025.12.15
17:28:04 -05'00'

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.

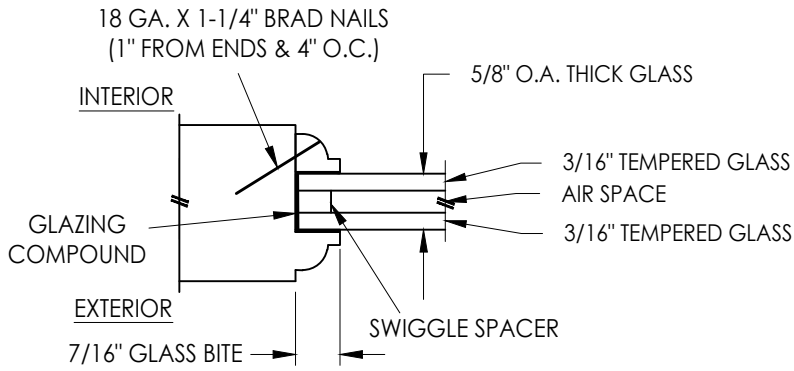
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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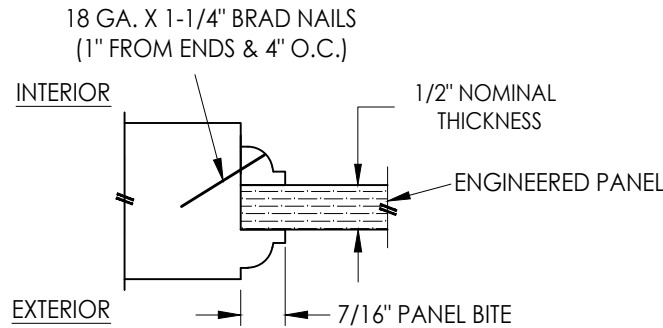
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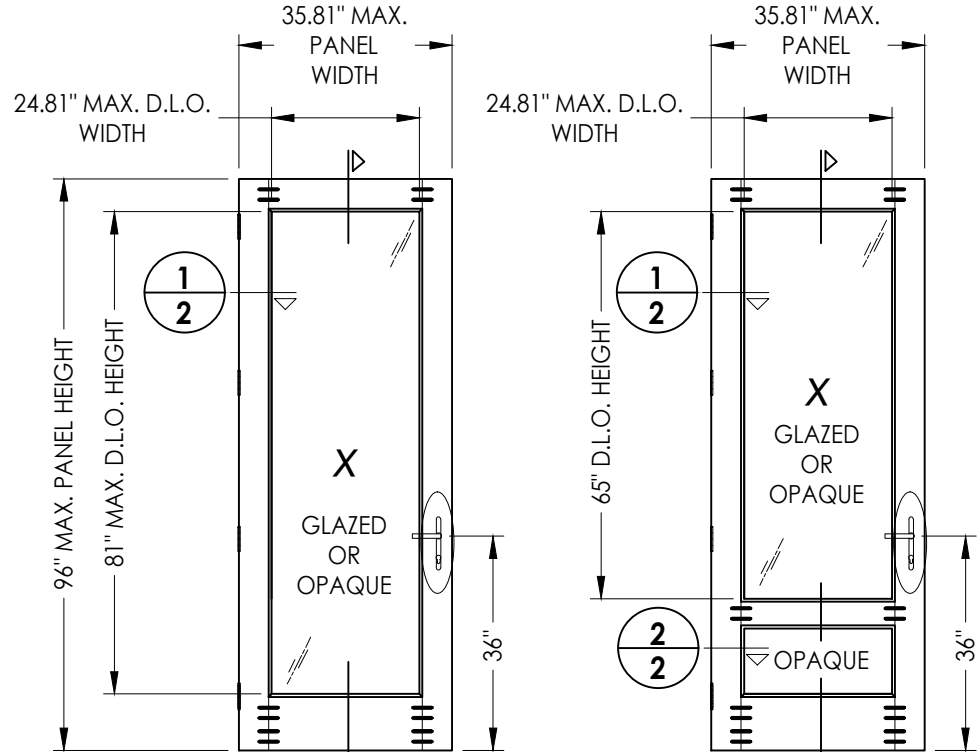
1 **HORIZONTAL CROSS SECTION**
2 **HORIZONTAL CROSS SECTION**



G1 **GLAZING DETAIL**



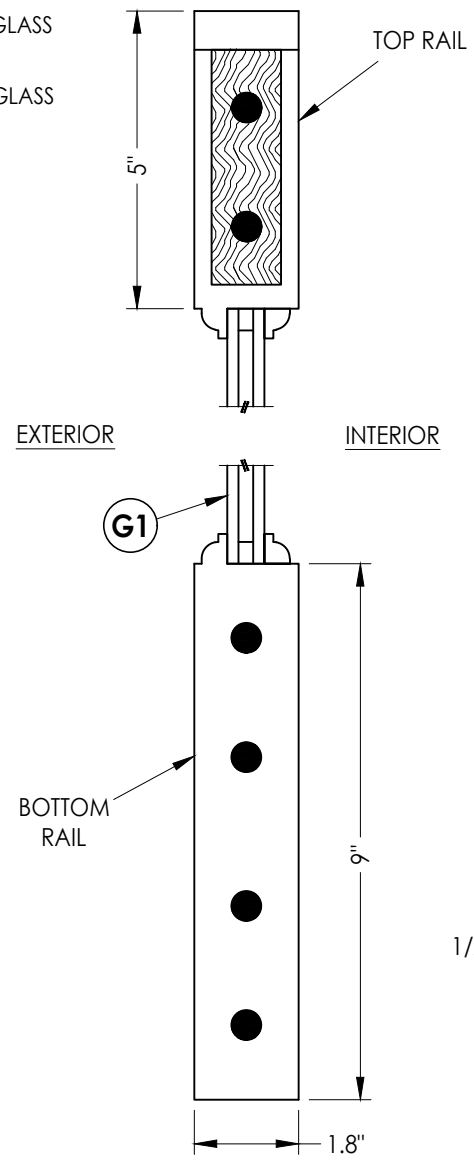
P1 **PANEL INFIL DETAIL**



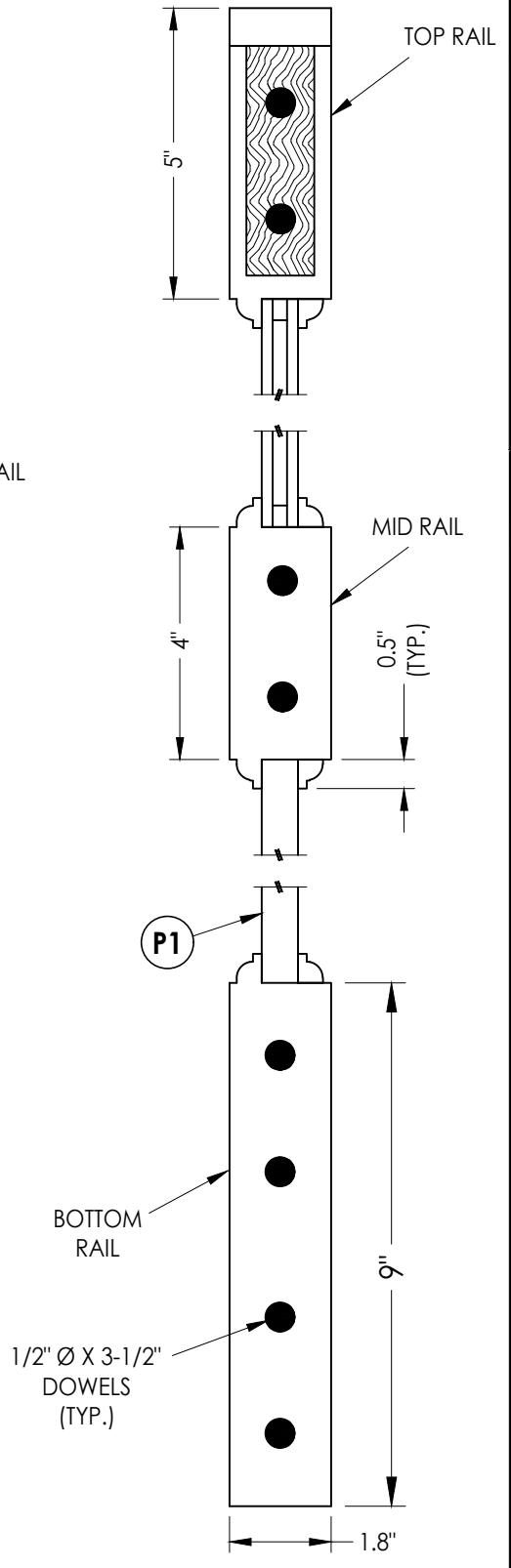
3 **FULL PANEL/LITE**
2 **3/4 PANEL/LITE**

40 **WOOD DOOR PANEL**
Glazed or Opaque

WOOD DOOR COMPONENTS:
EXTERIOR: SAPELE (G=0.56)
INTERIOR: PINE (G=0.42)

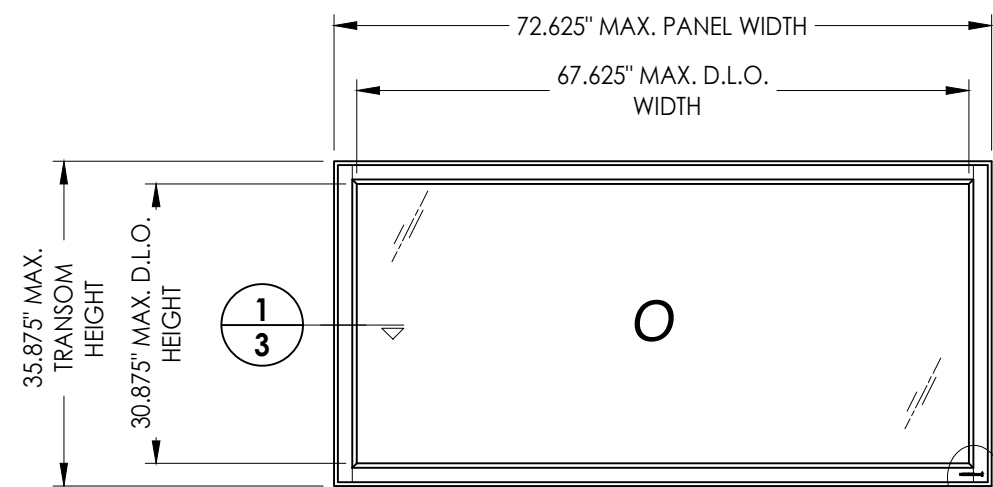


3 **VERTICAL CROSS SECTION**
2



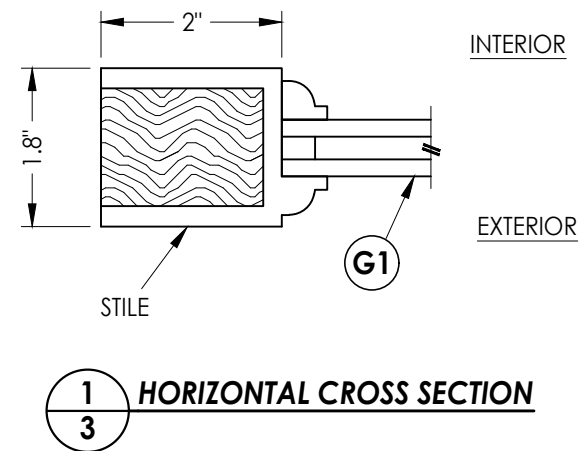
4 **VERTICAL CROSS SECTION**
2

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: INTEGRITY ARCH. MILLWORK WOOD DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
DATE: 10/29/25		SCALE: N.T.S.	
DWG. BY: LFS		CHK. BY: RW	
DRAWING NO.: FL-46129.4		SHEET 2 OF 12	
NO. DATE		BY	
REVISIONS			



60 WOOD TRANSOM PANEL

NARROW STILES ATTACHED TO RAILS w/
(1) #8 X 2-1/2" WOOD SCREW
(COUNTERSUNK 1/2") (TYP.)

[illegible]

PRODUCT: INTEGRITY ARCH. MILLWORK WOOD DOOR	PART OR ASSEMBLY: TRANSOM PANEL DETAILS
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HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	MULTIPOINT LOCK: HLS 9000 SERIES ACTIVE: TONGUE/SHOOTBOLT (5-PT)
HOPPE or TRUTH	INACTIVE: SHOOTBOLT (2-PT)
	INACTIVE: SHOOTBOLT (2-PT FLIP LEVER)

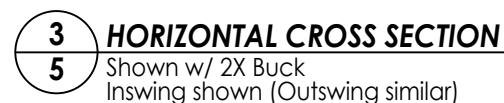
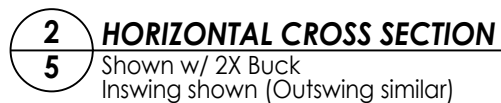
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PRODUCT: INTEGRITY ARCH. MILLWORK WOOD DOOR	PART OR ASSEMBLY: ELEVATIONS
---	---------------------------------

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1. Item P located 6" from each end then 4 more (6 total).
2. Item #5 attached with 2 rows of 16 GA. X 1-1/2" brad nails, each row spaced 8" max. o.c.
3. Moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.
4. Item H located 6" from each end then 4 more (6 total).
5. Item P located 6" from each end then 2 more (4 total).



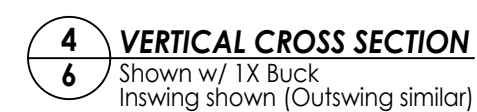
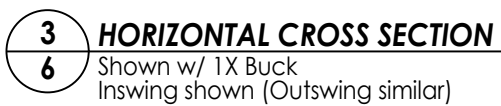
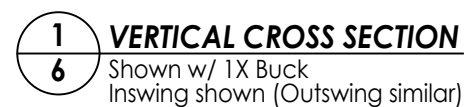
4 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



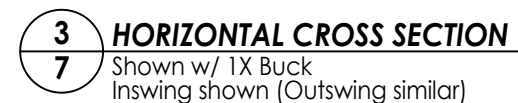
6 **HORIZONTAL CROSS SECTION**
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)

[illegible]

1. Item P located 6" from each end then 4 more (6 total).
2. Item P located 6" from each end then 2 more (4 total).
3. Moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.

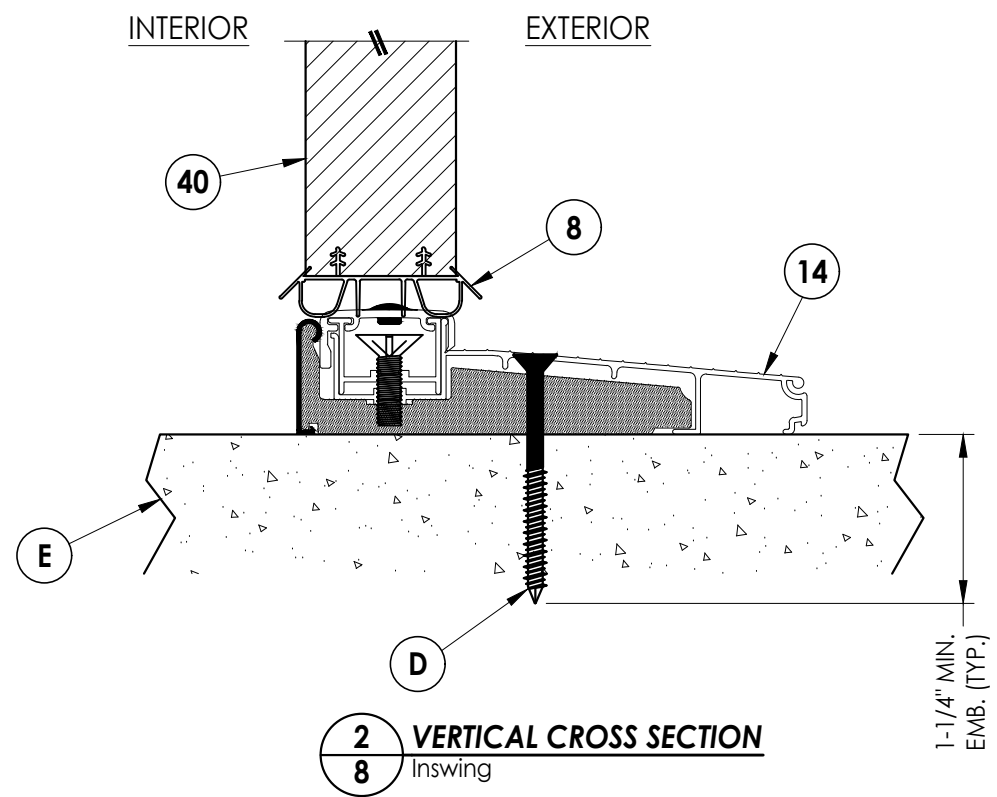
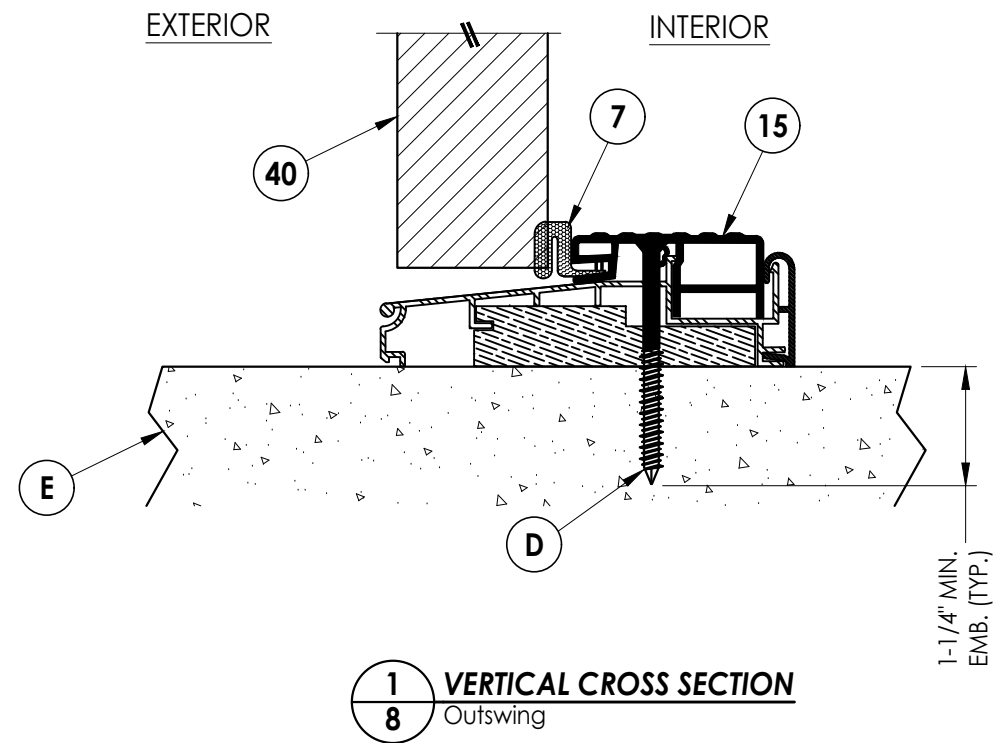
[illegible]

1. Item P located 6" from each end then 4 more (6 total).
2. Item P located 6" from each end then 2 more (4 total).
3. Moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.

[illegible]

SHEET 7 OF 12

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FBPE Registry No. 9813

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DATE:	10/29/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46129.4
SHEET	8 OF 12

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-46129.4

SHEET 8 OF 12

PRODUCT: INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
**VERTICAL CROSS
SECTIONS (THRESHOLD)**

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Phone No.: 813.659.9197
FBPE Registry No. 9813



XX



O/XX

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: *RW*

DRAWING NO.:
FL-46129.4

SHEET 9 OF 12

PRODUCT: INTEGRITY ARCH. MILLWORK
WOOD DOOR

ASSEMBLY:
FRAME ANCHORING

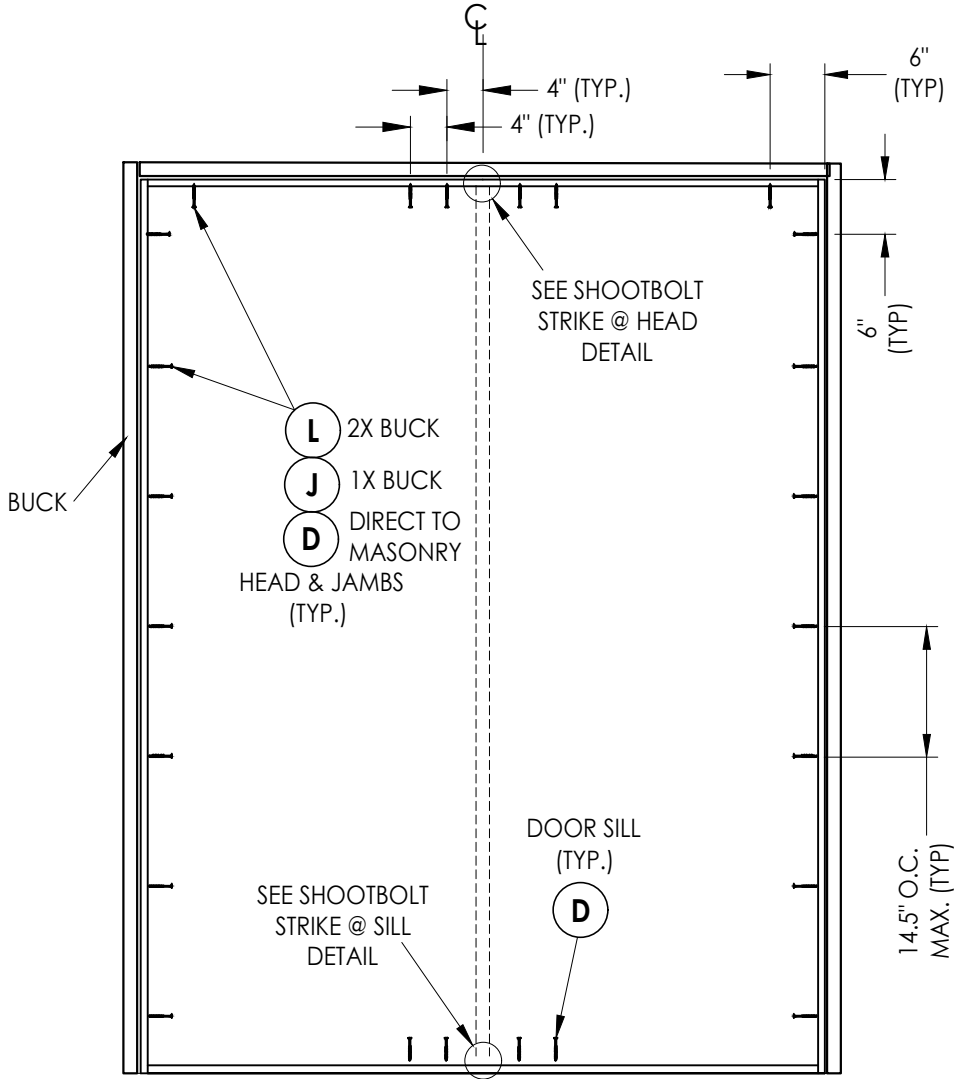
Documents Prepared By:
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BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

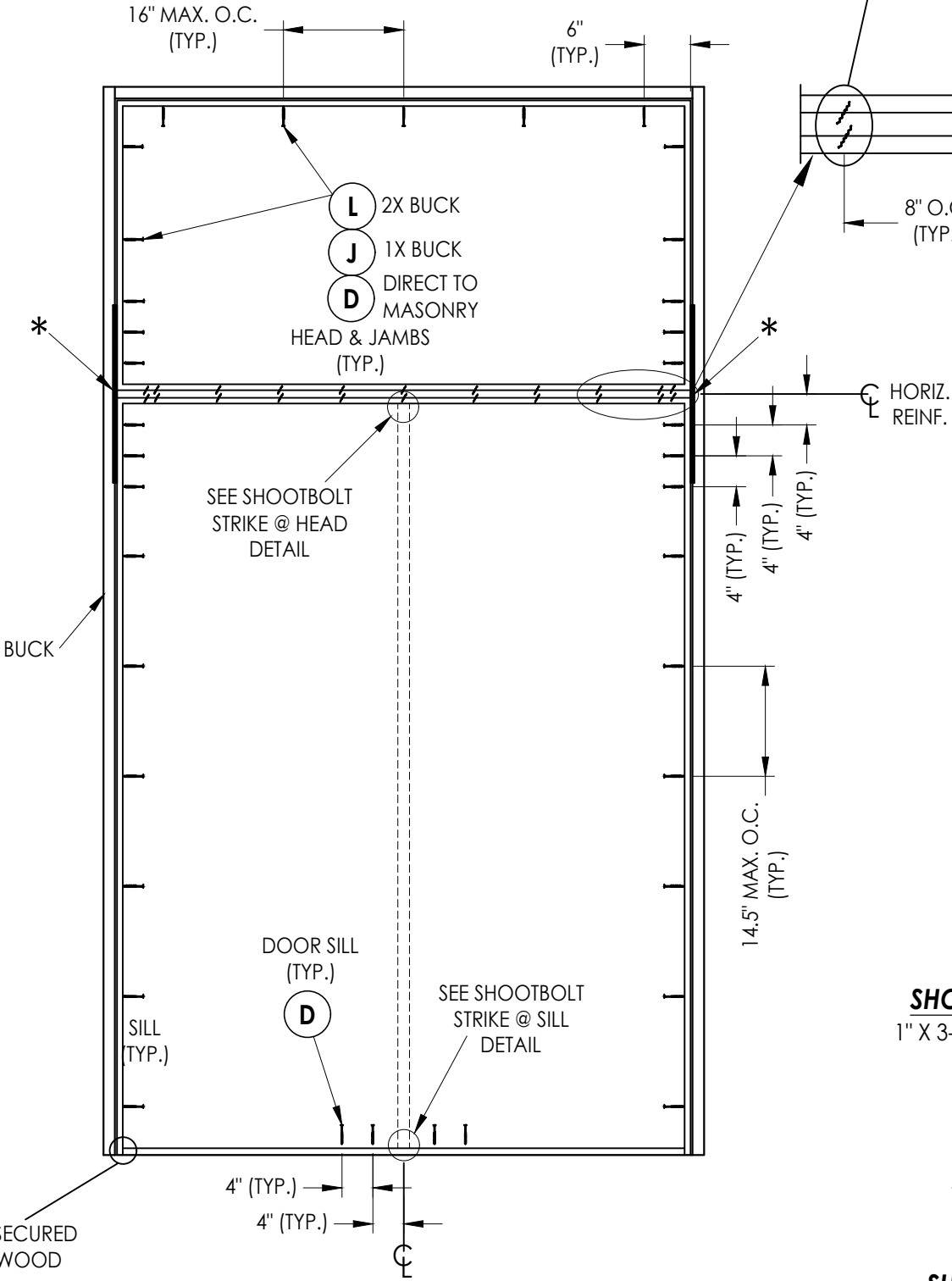
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* 3/8" PLYWOOD SPLICE PLATE (4.5" WIDE X 23" LONG) ATTACHED w/ 3 ROWS OF 18 GA. X 7/8" BRAD NAILS (EACH ROW @ 2" O.C.) INTO JAMBS.

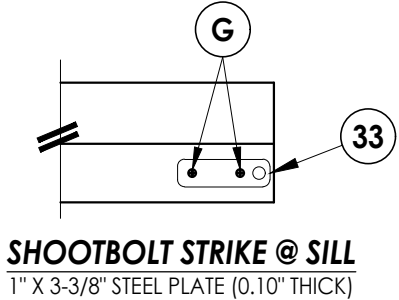
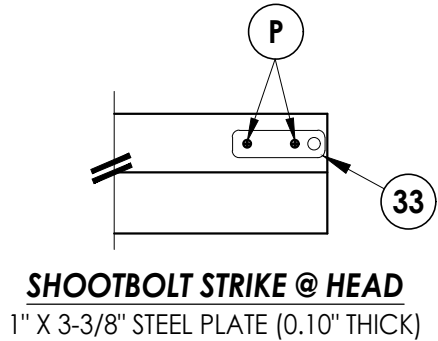
20 GA. CORRUGATED STEEL FASTENER (1" WIDE X 1.5" DEEP) INSTALLED IN PAIRS 2" & 4" FROM ENDS & @ 8" O.C. TO CONNECT FRAMES TO HORIZONTAL REINFORCEMENT



FRAME ANCHORING
XX



FRAME ANCHORING
O/XX



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PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

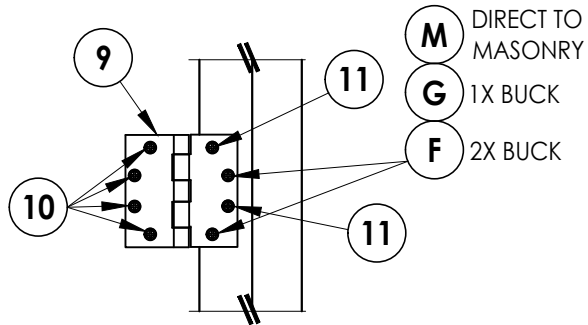
PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	BY	REVISIONS

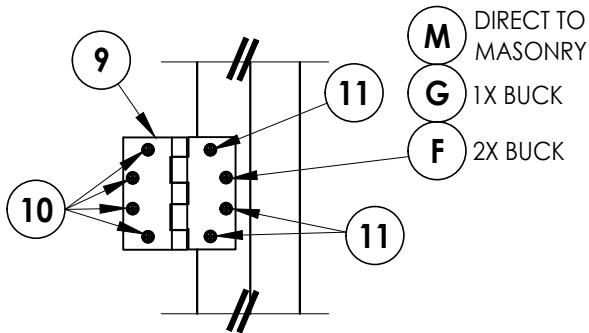
DATE: 10/29/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46129.4
SHEET 10 OF 12

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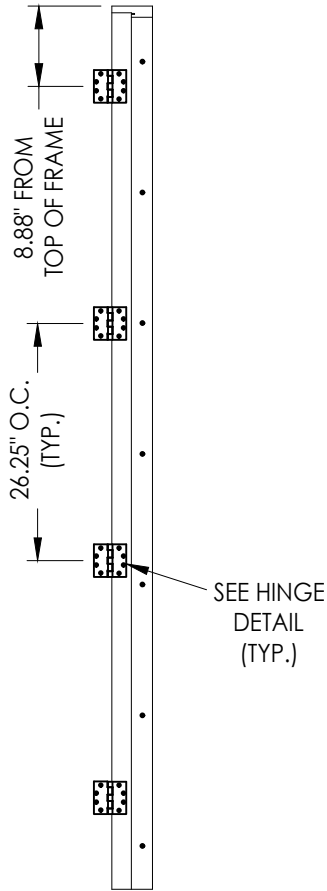
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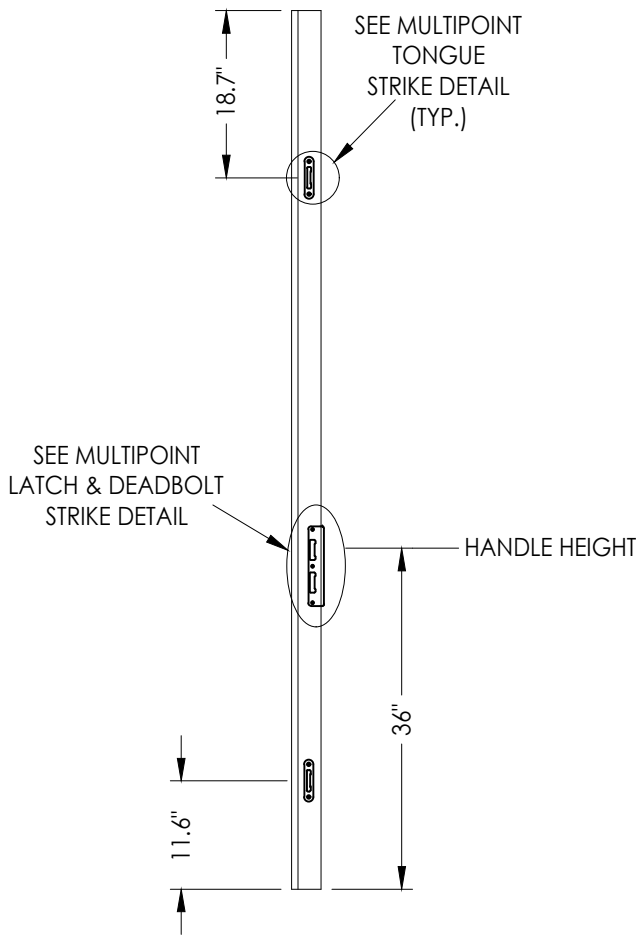
HINGE DETAIL
INSWING



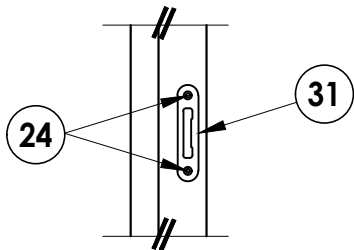
HINGE DETAIL
OUTSWING



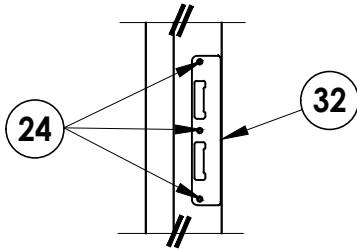
HINGE JAMB



ASTRAGAL



MULTIPOINT TONGUE STRIKE DETAIL
HOPPE



MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL
HOPPE

DATE:	10/29/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46129.4
SHEET	11 of 12

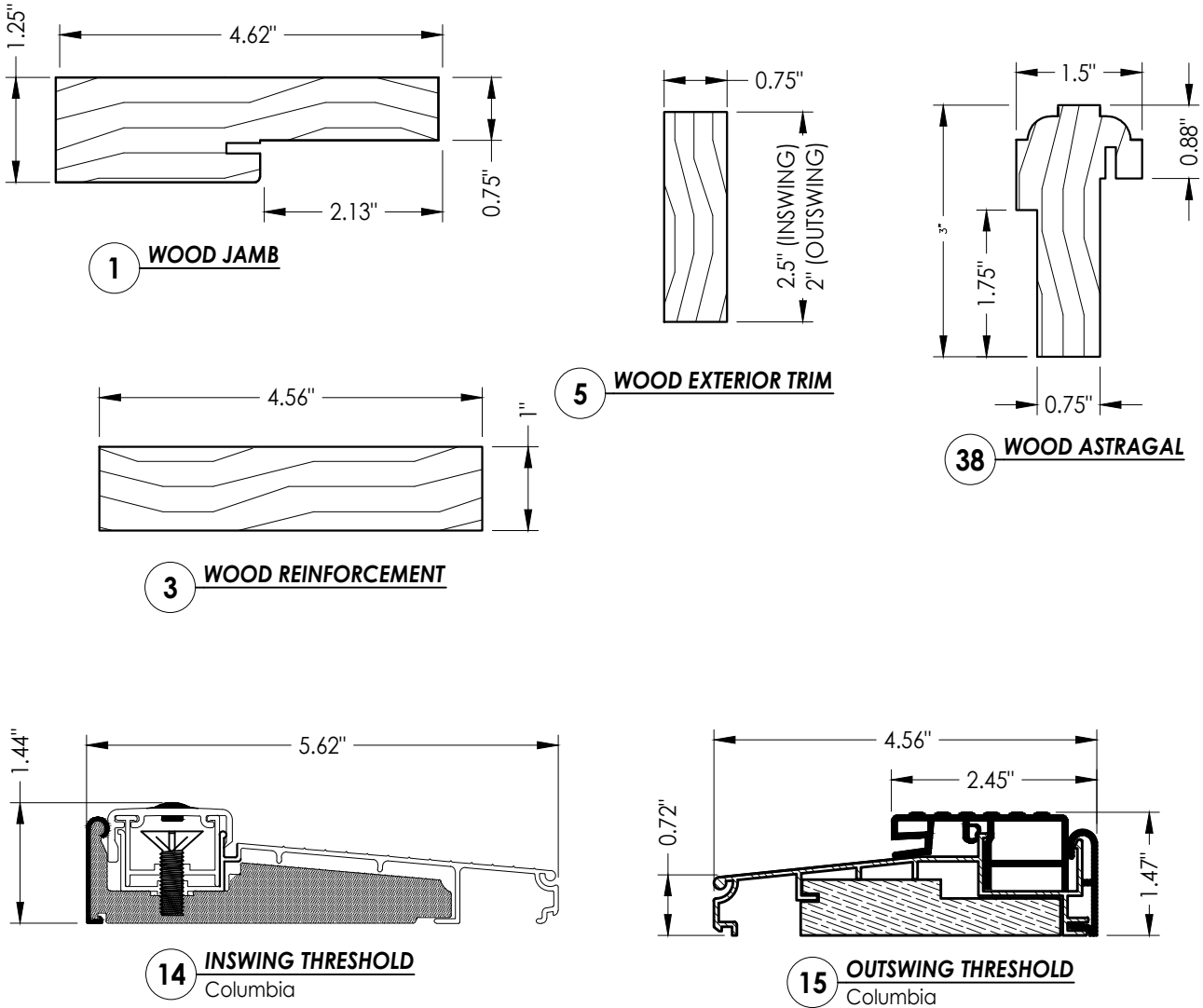
PRODUCT:	INTEGRITY ARCH. MILLWORK WOOD DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

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	3/8" 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 ITW CONCRETE SCREW	STEEL
H	#12 X 3-1/2" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 3" PFH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	#10 X 2-1/2" PFH WOOD SCREW	STEEL
1	WOOD JAMB	WOOD
3	WOOD REINFORCEMENT	WOOD
5	WOOD EXTERIOR TRIM	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4 HINGE	STEEL
10	#12 X 3/4" PFH WOOD SCREW	STEEL
11	#12 X 1-1/4" PFH WOOD SCREW	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
24	#8 X 3/4" PFH WOOD SCREW	STEEL
31	MULTIPOINT TONGUE STRIKE PLATE (HOPPE)	STEEL
32	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE (HOPPE)	STEEL
33	MULTIPOINT SHOOTBOLT STRIKE PLATE	STEEL
38	WOOD ASTRAGAL	WOOD
40	DOOR PANEL	-
60	TRANSOM PANEL	-

WOOD DOOR COMPONENTS: SAPELE (G = 0.56)



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"
ITW TAPCON®	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.

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PRODUCT:	INTEGRITY ARCH. MILLWORK WOOD DOOR	PART OR ASSEMBLY:	BILL OF MATERIALS & COMPONENTS
DATE:	10/29/25	NO.	DATE
SCALE:	N.T.S.	BY	REVISIONS
DWG. BY:	LFS		
CHK. BY:	RW		
DRAWING NO.:	FL-46129.4		
SHEET	12	OF	12