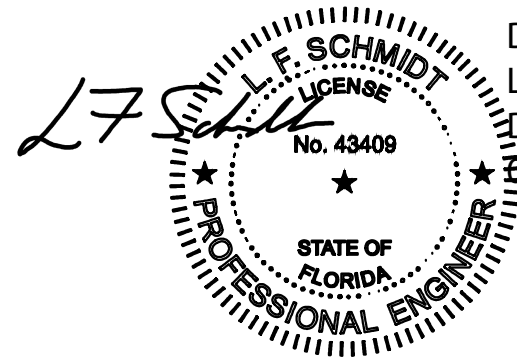




This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

Technical drawing of a window unit showing dimensions and labels:

- Overall Dimensions:**
 - Overall Height: 149.25" MAX. O.A. FRAME HEIGHT
 - Overall Width: 96.5" MAX O.A. FRAME WIDTH
- Window Unit Labels:**
 - TRANSOM:** 49.5" MAX. TRANSOM HEIGHT
 - FRAME HEIGHT (INSWING):** 98.75" MAX. O.A.
 - FRAME HEIGHT (OUTSWING):** 98" MAX. O.A.
 - FRAME HEIGHT (OUTSWING):** 1"
- Window Unit Details:**
 - Labels: O, X, O
 - Handle: 1"
 - Frame Width: 43.5" MAX FRAME WIDTH
 - Frame Width: 25.5" MAX FRAME WIDTH
 - Frame Width: 1"

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	
1	Typical Elevations, Design Pressures & General Notes	9	Horizontal & Vertical Cross Sections
2	Door Panel Details	10	Vertical Cross Sections (Thresholds)
3	Sidelite Panel Details	11	Buck Anchoring (O/X, O/OX, O/XO)
4	Transom Panel Details	12	Buck Anchoring (O/OXO)
5	Elevations	13	Frame Anchoring (O/X, O/OX, O/XO)
6	Horizontal & Vertical Cross Sections (2X Buck)	14	Frame Anchoring (O/OXO)
7	Horizontal & Vertical Cross Sections (1X Buck)	15	Hardware Details
8	Horizontal & Vertical Cross Sections (Direct to Masonry)	16	Bill of Materials & Components

CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
$\frac{O}{X}, \frac{O}{OX}, \frac{O}{XO}, \frac{O}{OXO}$	+50.0	-50.0	+50.0	-50.0

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

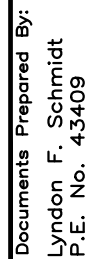
R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: INTEGRITY ARCH. MILLWORK
WOOD DOOR

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

[illegible]

DATE:	10/29/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46129.3
SHEET	1 OF 16



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

PRODUCT: INTEGRITY ARCH. MILLWORK
WOOD DOOR

ASSEMBLY:

REVISIONS

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

FL-46129.3

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



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

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

R^gW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
SIDELITE FRAME
DETAILS

[illegible]

DATE: 10/29/25

SCALE: *N.T.S.*

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

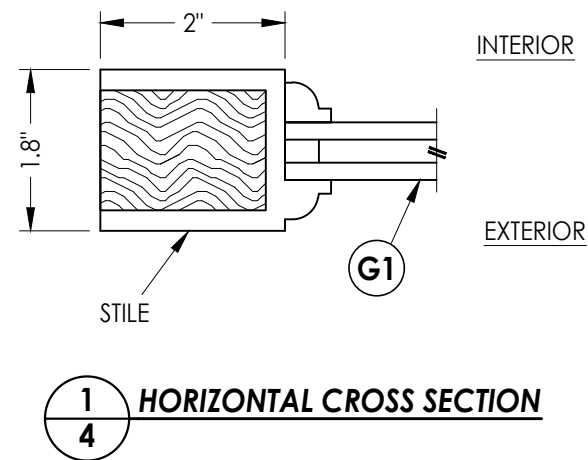
FL-46129.3

SHEET 3 OF 16

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

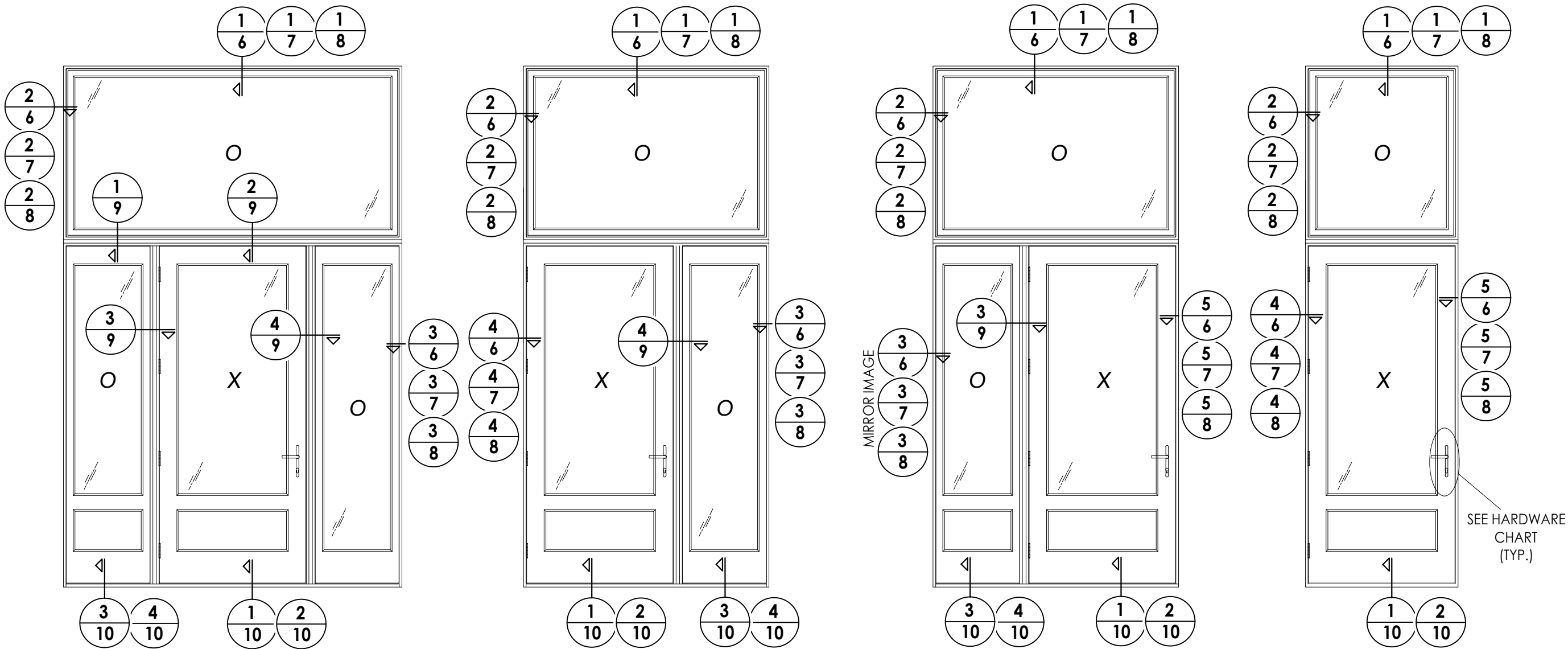
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SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46129.3
SHEET	4 OF 16

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

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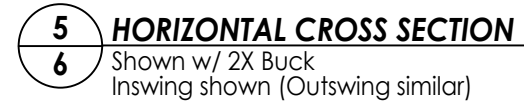
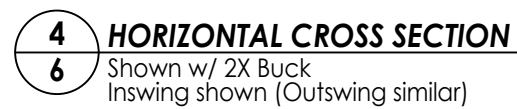
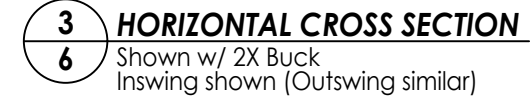


SEE HARDWARE
CHART
(TYP.)

HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	MULTIPOINT LOCK: HLS 9000 SERIES TONGUE/SHOOTBOLT (5-PT)

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: INTEGRITY ARCH. MILLWORK WOOD DOOR		PART OR ASSEMBLY: ELEVATIONS	
			BY
			NO.
			DATE
			REVISIONS
DATE: 10/29/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46129.3			
SHEET 5 OF 16			

1. Item P located 6" from each end then @ 11" max. o.c.
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.
4. Item P located 6" from each end then 6 more (8 total).



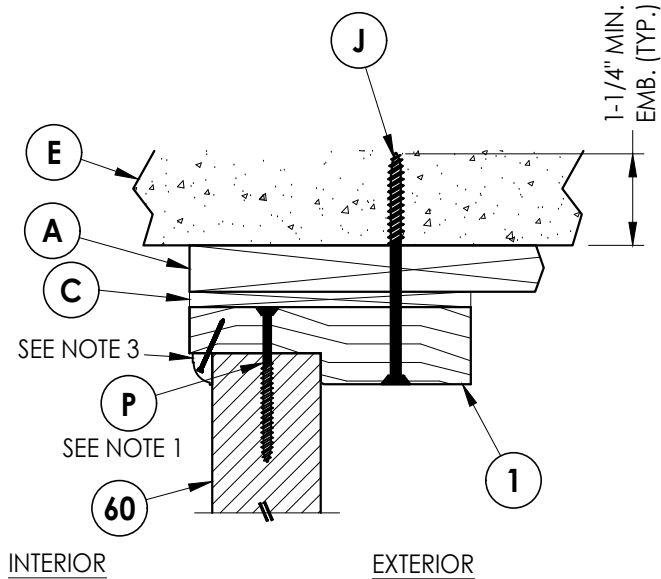
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

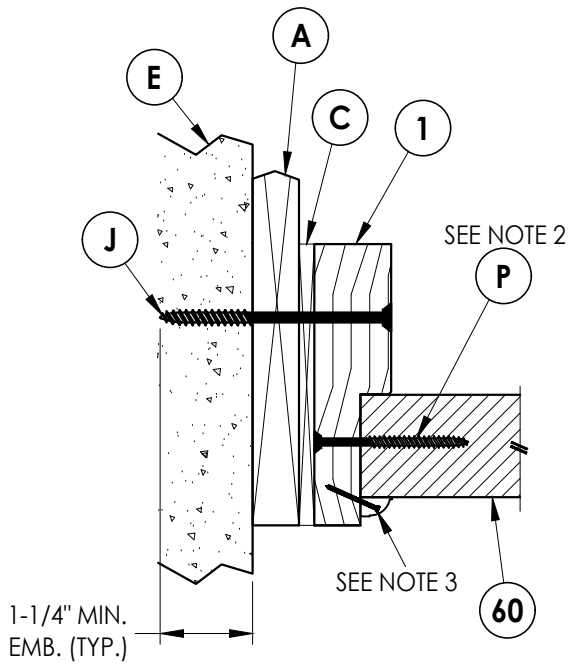
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SHEET 6 OF 16

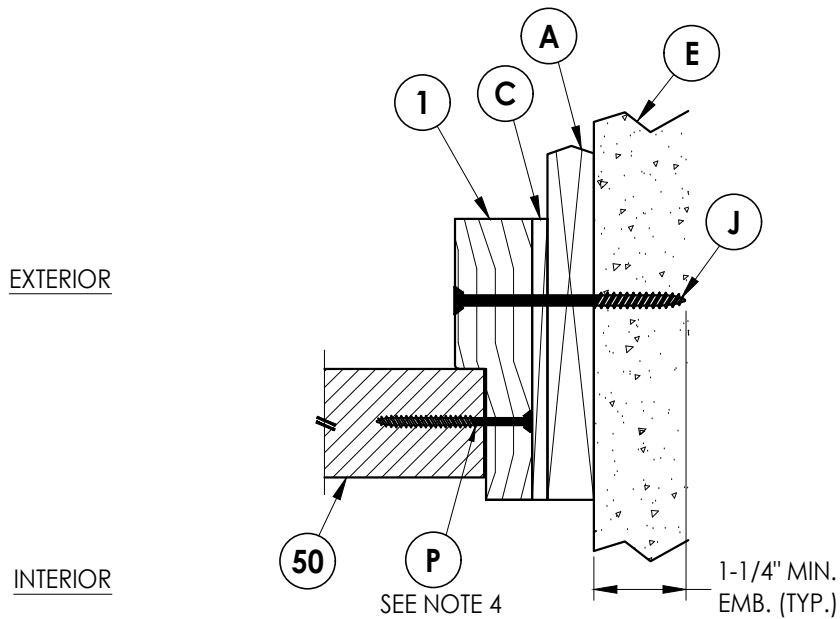
- NOTES:
- Item P located 6" from each end then @ 11" max. o.c.
 - Item P located 6" from each end then 2 more (4 total).
 - Moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.
 - Item P located 6" from each end then 6 more (8 total).



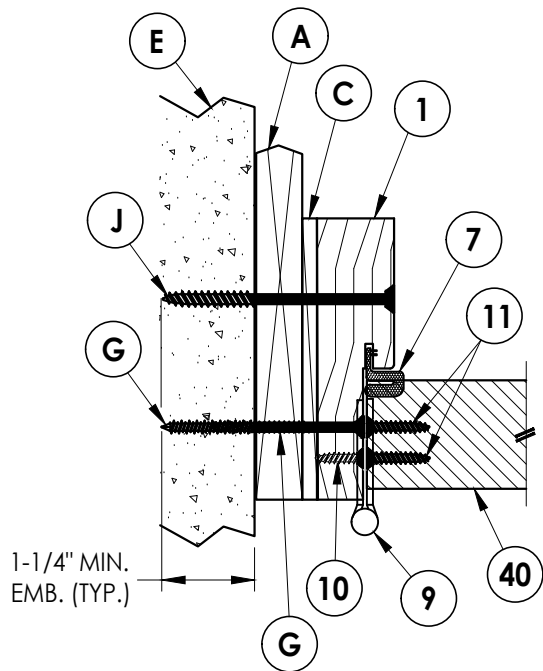
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7 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



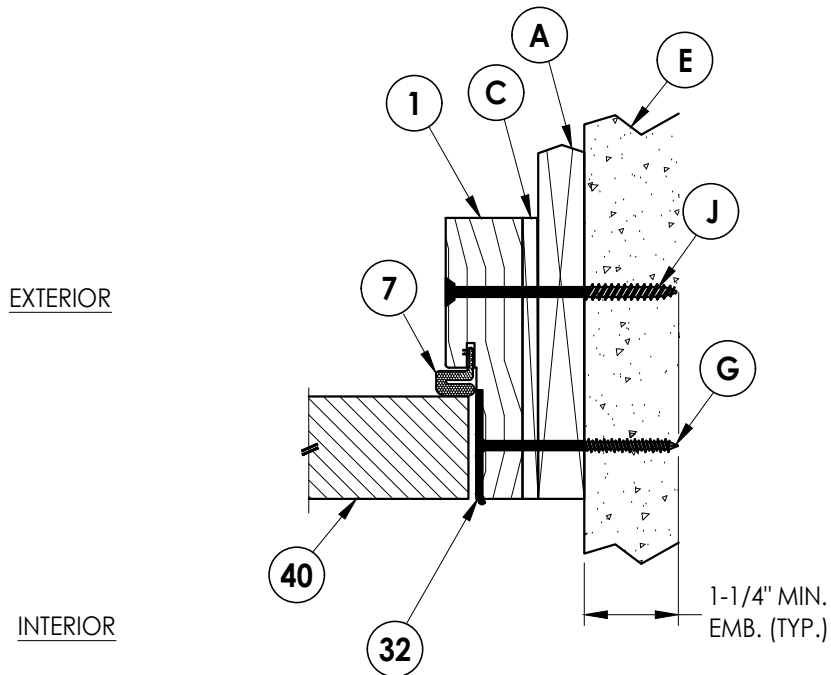
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7 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



4
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)



5
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
Inswing shown (Outswing similar)

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:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

REVISIONS			
NO.	DATE	BY	

DATE: 10/29/25

SCALE: N.T.S.

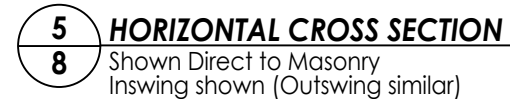
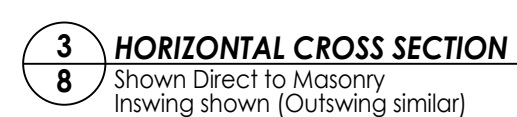
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46129.3

SHEET 7 OF 16

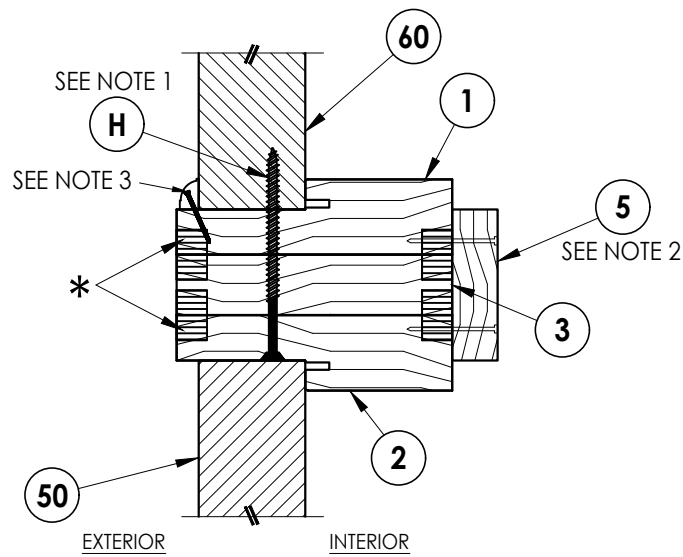
1. Item P located 6" from each end then @ 11" max. o.c.
2. Item P located 6" from each end then 2 more (4 total).
3. Moulding secured w/ 18 GA. X 1" brad nails located 1" from ends & 4" o.c. max.
4. Item P located 6" from each end then 6 more (8 total).

[illegible]

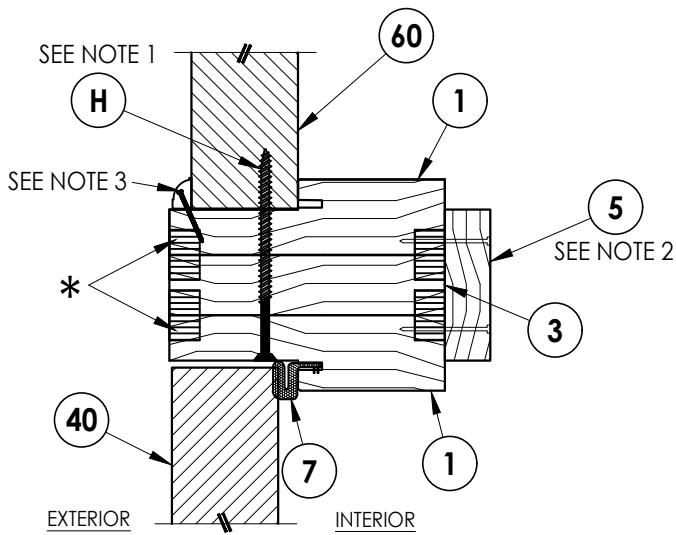
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

- NOTES:
- 1. Item H located 6" from each end then @ 11" max. o.c.
 - 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.

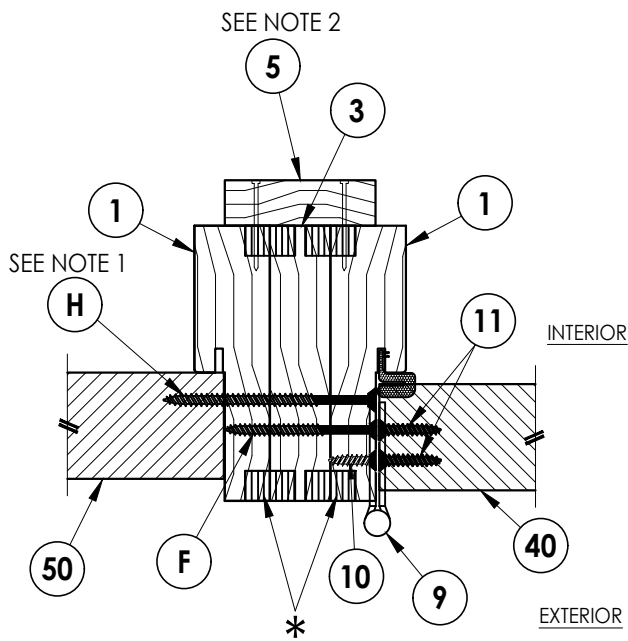


1
9 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)

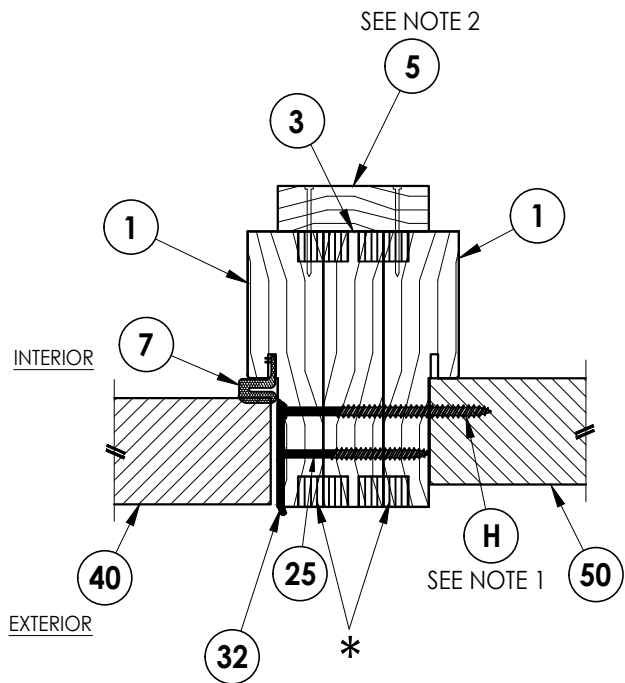


2
9 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)

* 25 GA. CORRUGATED STEEL FASTENERS
(1" WIDE X 1/2" DEEP) INSTALLED IN
PAIRS 2" & 4" FROM ENDS & @ 8" O.C.
(INSTALLED @ a 30° ANGLE) (TYP.)



3
9 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)



4
9 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)

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:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: LFS

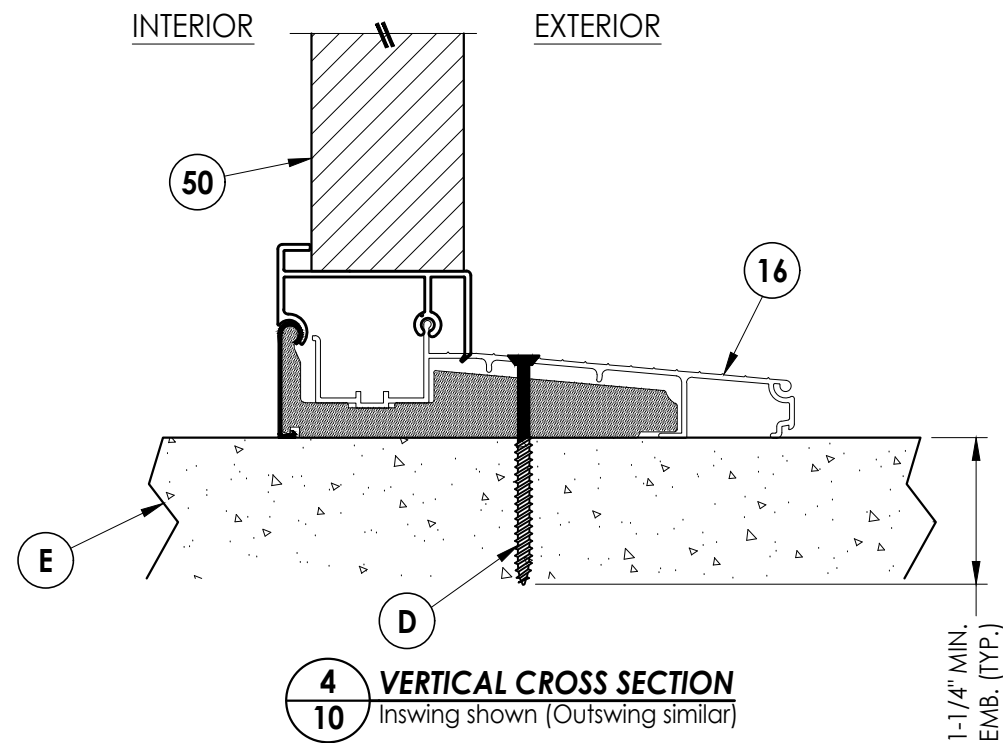
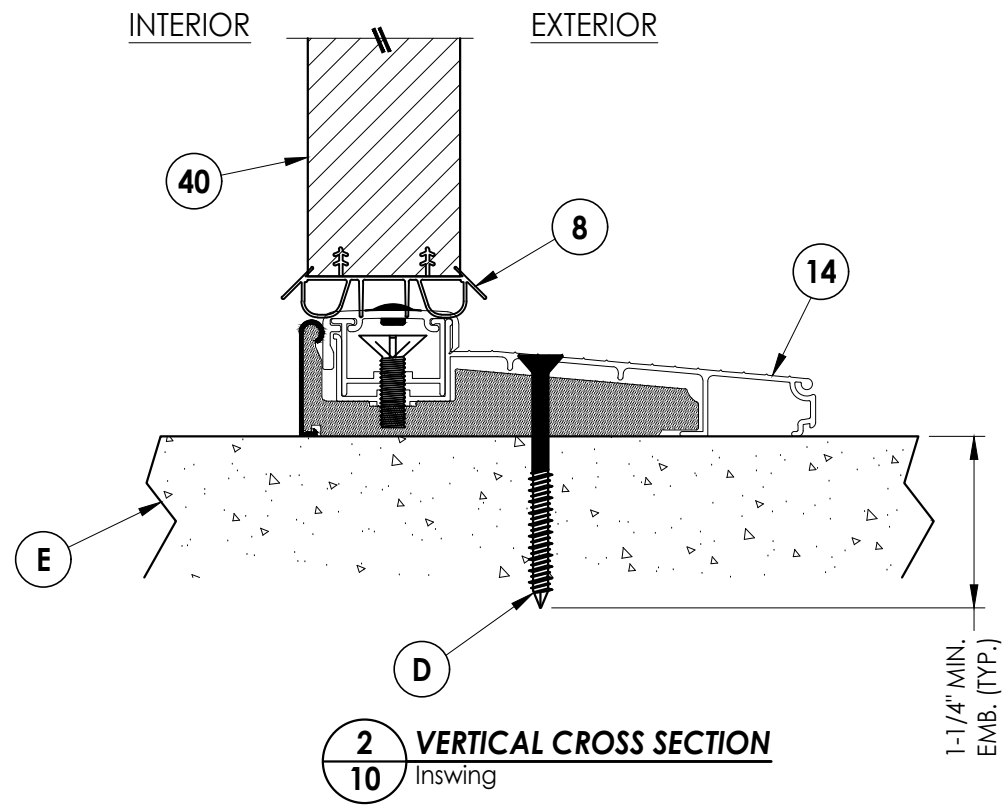
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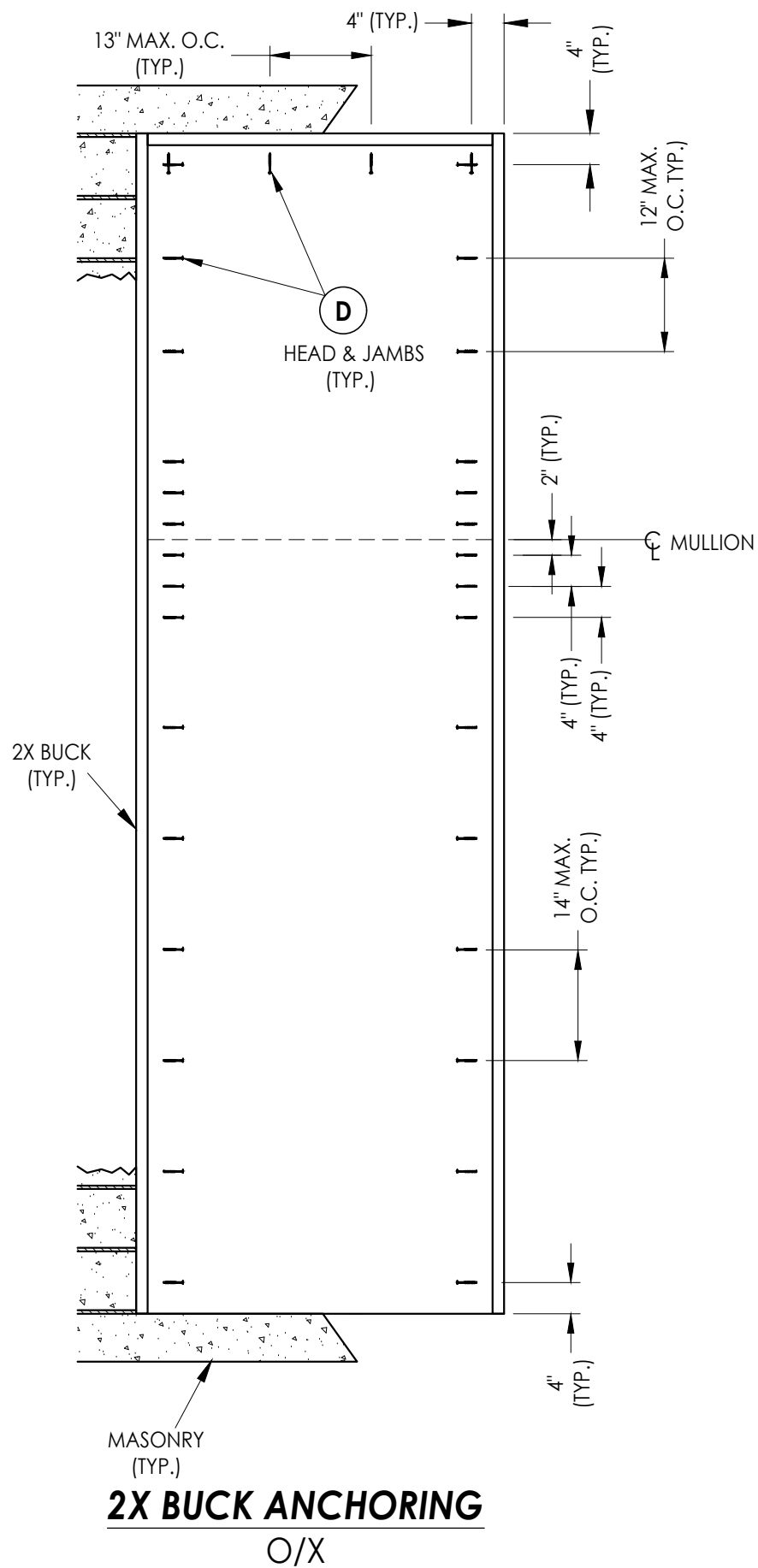
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FL-46129.3

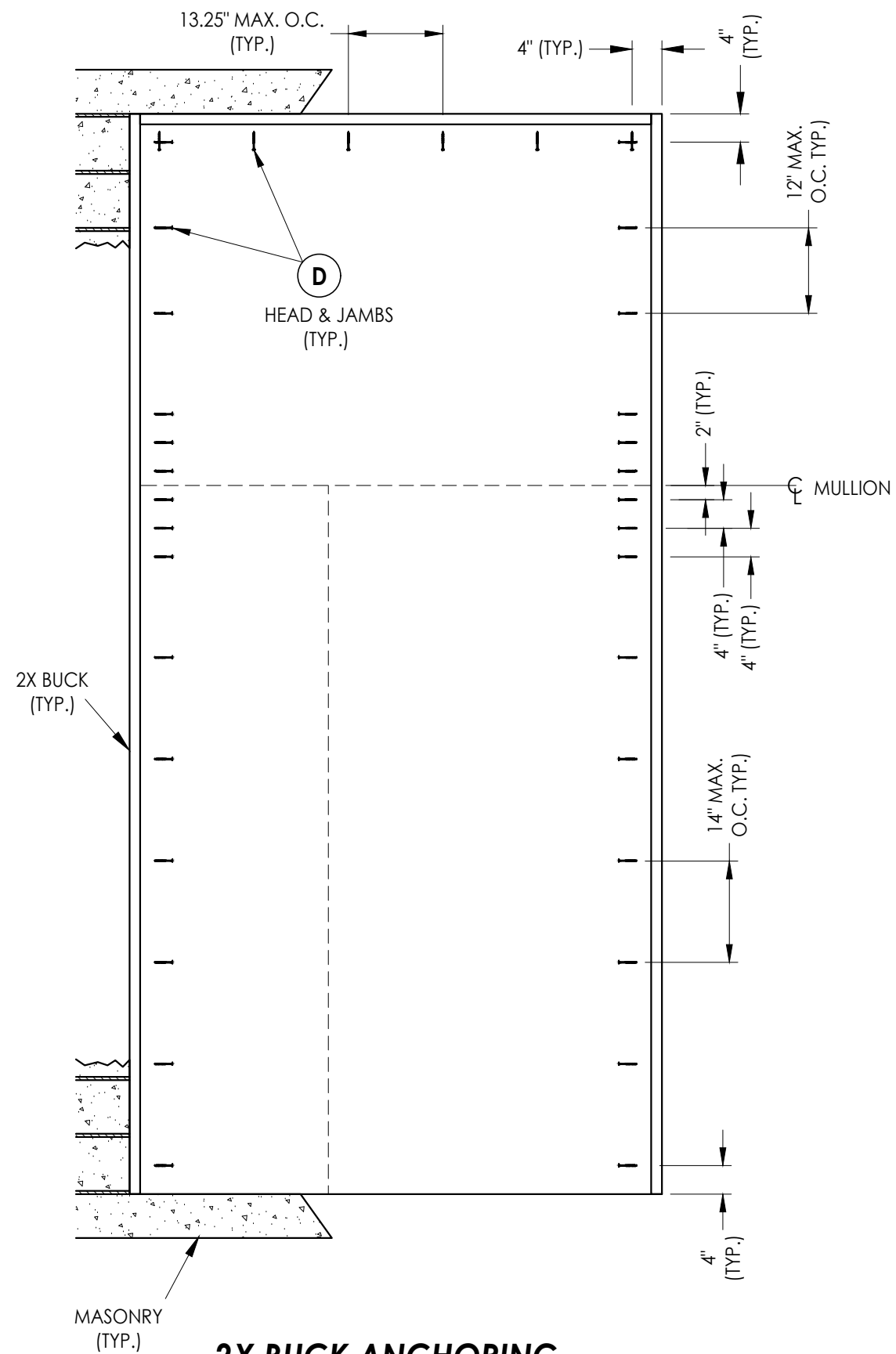
SHEET 9 OF 16

1. Item H located 6" from each end (2 total).





2X BUCK ANCHORING
O/X



2X BUCK ANCHORING

[illegible]

Documents Prepared By:
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P.E. No. 43409

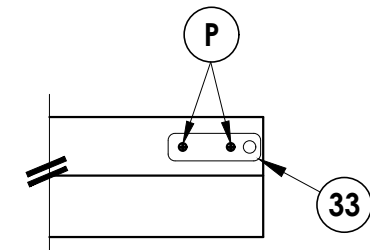
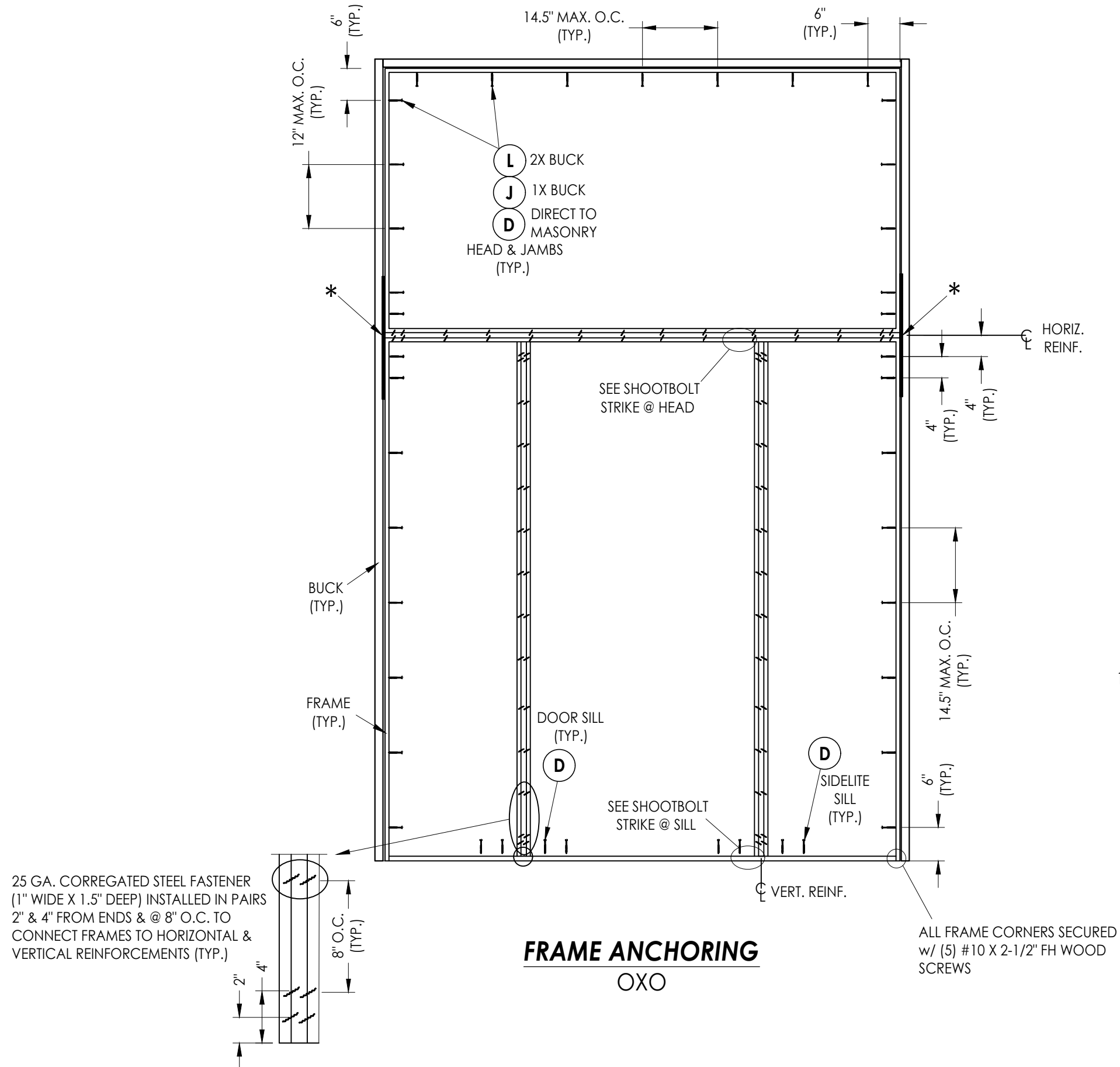
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

SHEET 12 OF 16

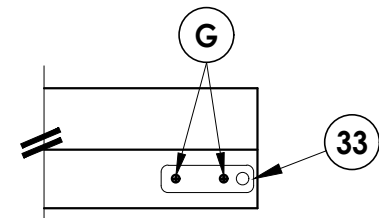
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
BUCK ANCHORING
(0/0X0)

[illegible]



SHOOTBOLT STRIKE @ HEAD
1" X 3-3/8" STEEL PLATE (0.10" THICK)



SHOOTBOLT STRIKE @ SILL
1" X 3-3/8" STEEL PLATE (0.10" THICK)

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: INTEGRITY ARCH. MILLWORK
WOOD DOOR

ASSEMBLY:
FRAME ANCHORING
(O/OXO)

[illegible]

DATE: 10/29/25

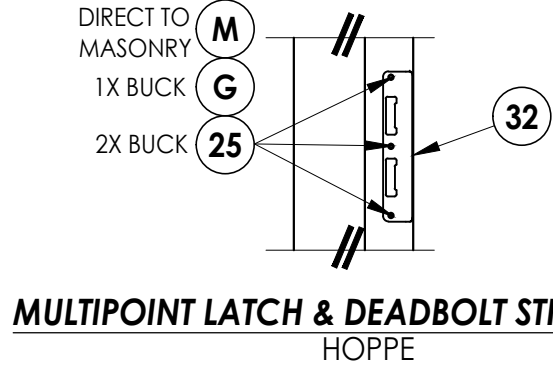
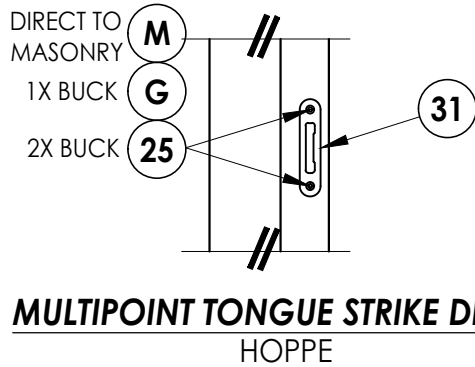
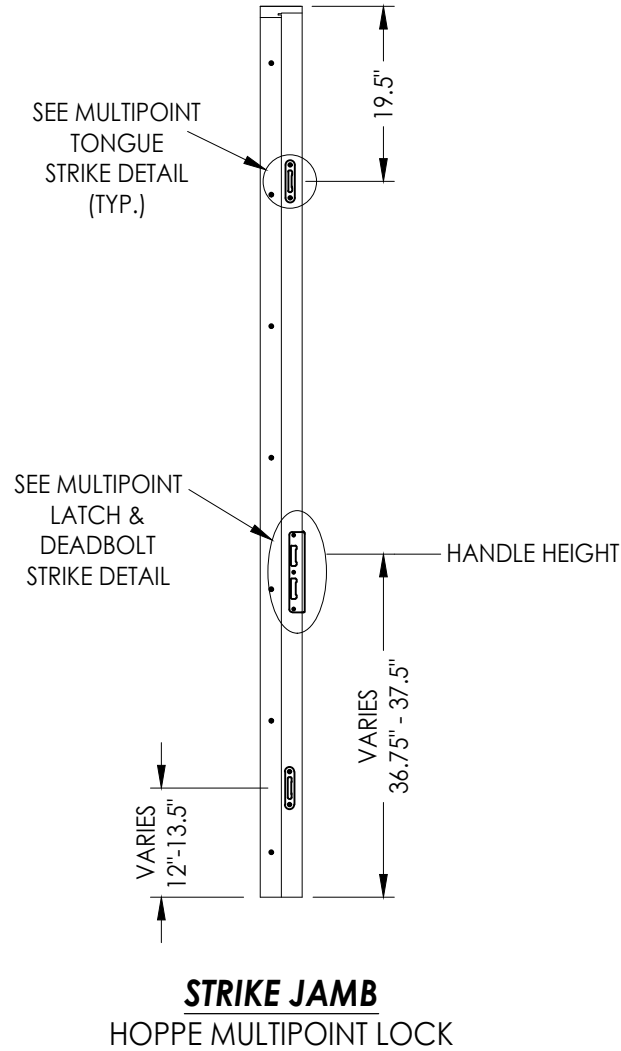
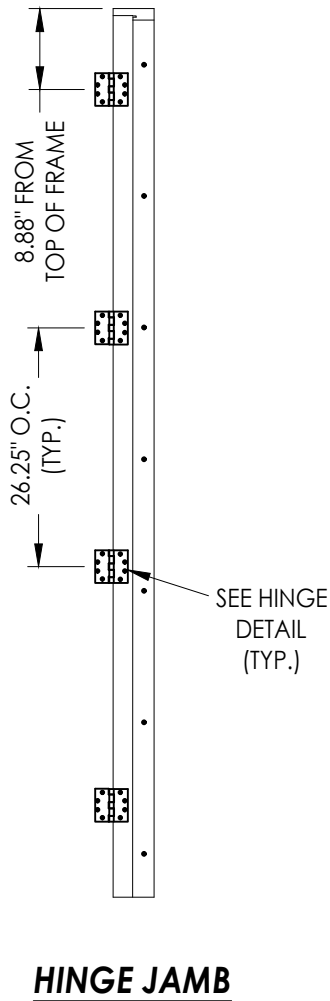
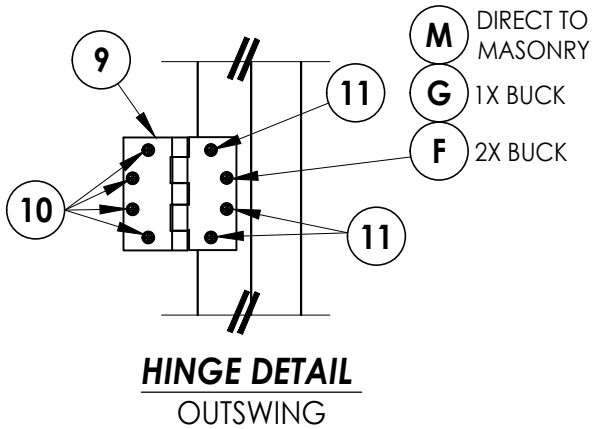
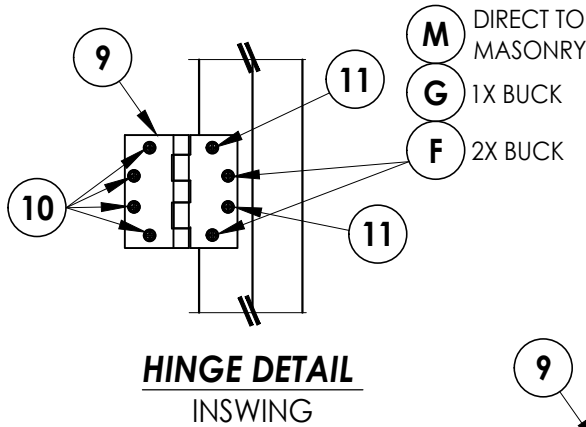
SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-46129.3

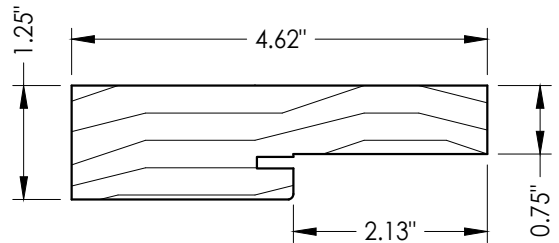


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R ^q W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: INTEGRITY ARCH. MILLWORK WOOD DOOR		PART OR ASSEMBLY: HARDWARE DETAILS	
		NO.	DATE
		REVISIONS	
		BY	
DATE: 10/29/25		SCALE: N.T.S.	
DWG. BY: LFS		CHK. BY: RW	
DRAWING NO.: FL-46129.3		SHEET 15 OF 16	

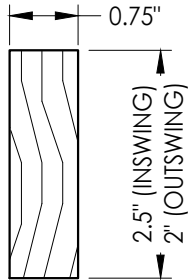
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	5/16" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW 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
16	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
25	#8 X 2-1/2" 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
40	DOOR PANEL	-
50	SIDELITE PANEL	-
60	TRANSOM PANEL	-

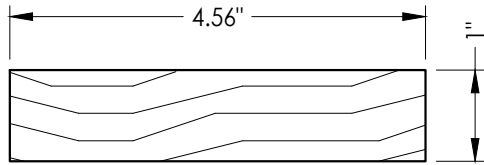
WOOD DOOR COMPONENTS: SAPELE (G = 0.56)



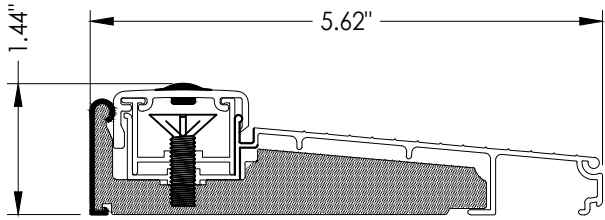
1 WOOD JAMB



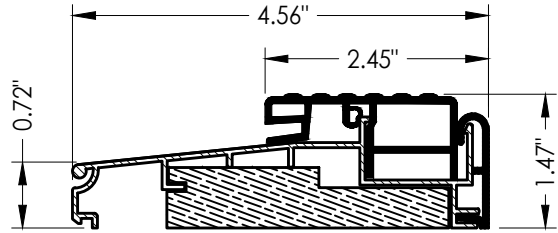
5 WOOD EXTERIOR TRIM



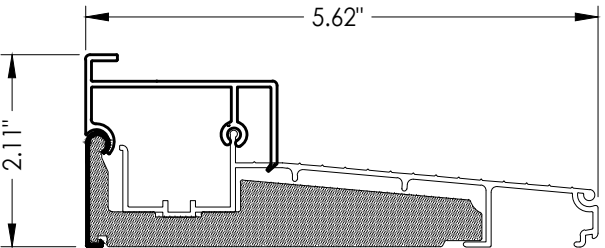
3 WOOD REINFORCEMENT



14 INSWING THRESHOLD
Columbia



15 OUTSWING THRESHOLD
Columbia



16 INSWING THRESHOLD w/ SIDELITE ADAPTER
Columbia

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.

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:
INTEGRITY ARCH. MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS	BY

DATE: 10/29/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46129.3

SHEET 16 OF 16