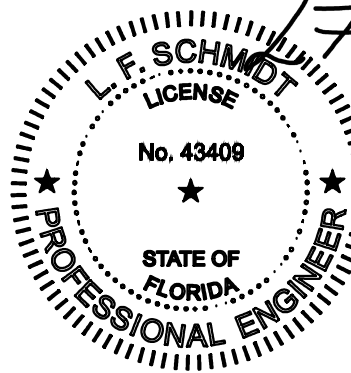
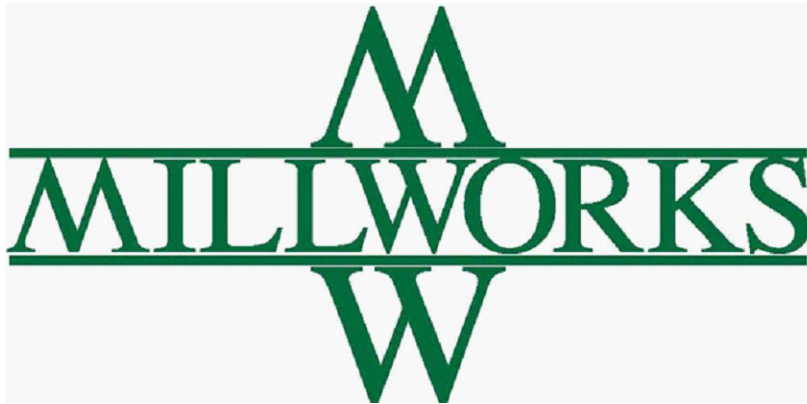
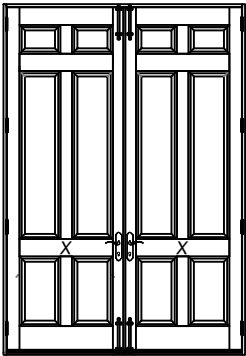




Digitally signed by Lyndon F Schmidt
Date: 2024.02.28 07:16:54 -05'00'

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.

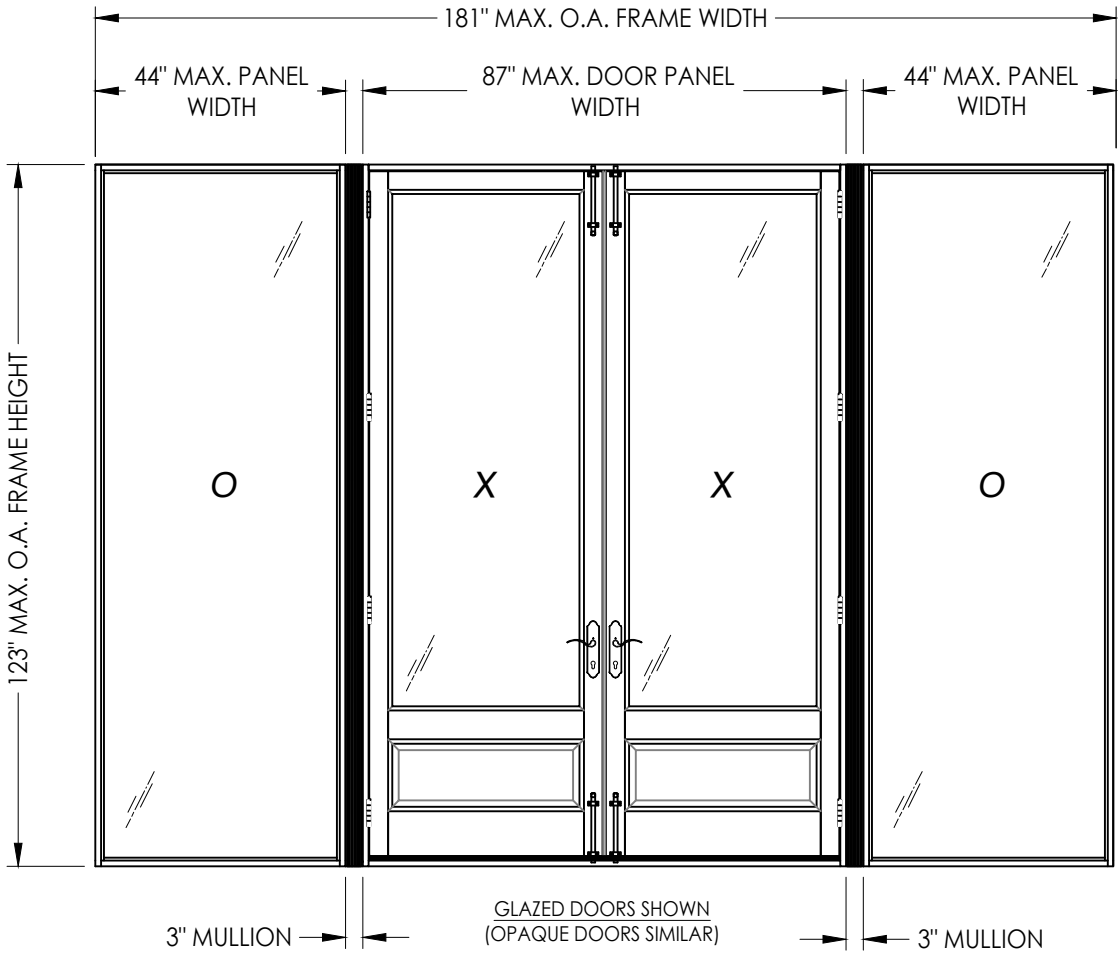
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



**OPAQUE or GLAZED WOOD ENTRY DOOR
DOUBLE w/ or w/out SIDELITES
INSWING
"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 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 E1996 & 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.



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
XX	87.0" x 123.0"	+50.0	-50.0
OX XO	181.0" x 123.0"	+50.0	-50.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal & Vertical Cross Sections
9	Buck Anchoring
10	Frame Anchoring & Hardware Details
11	Bill of Materials & Components

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

MW MILLWORKS
WOOD DOOR

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

NO.

DATE

BY

REVISIONS

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

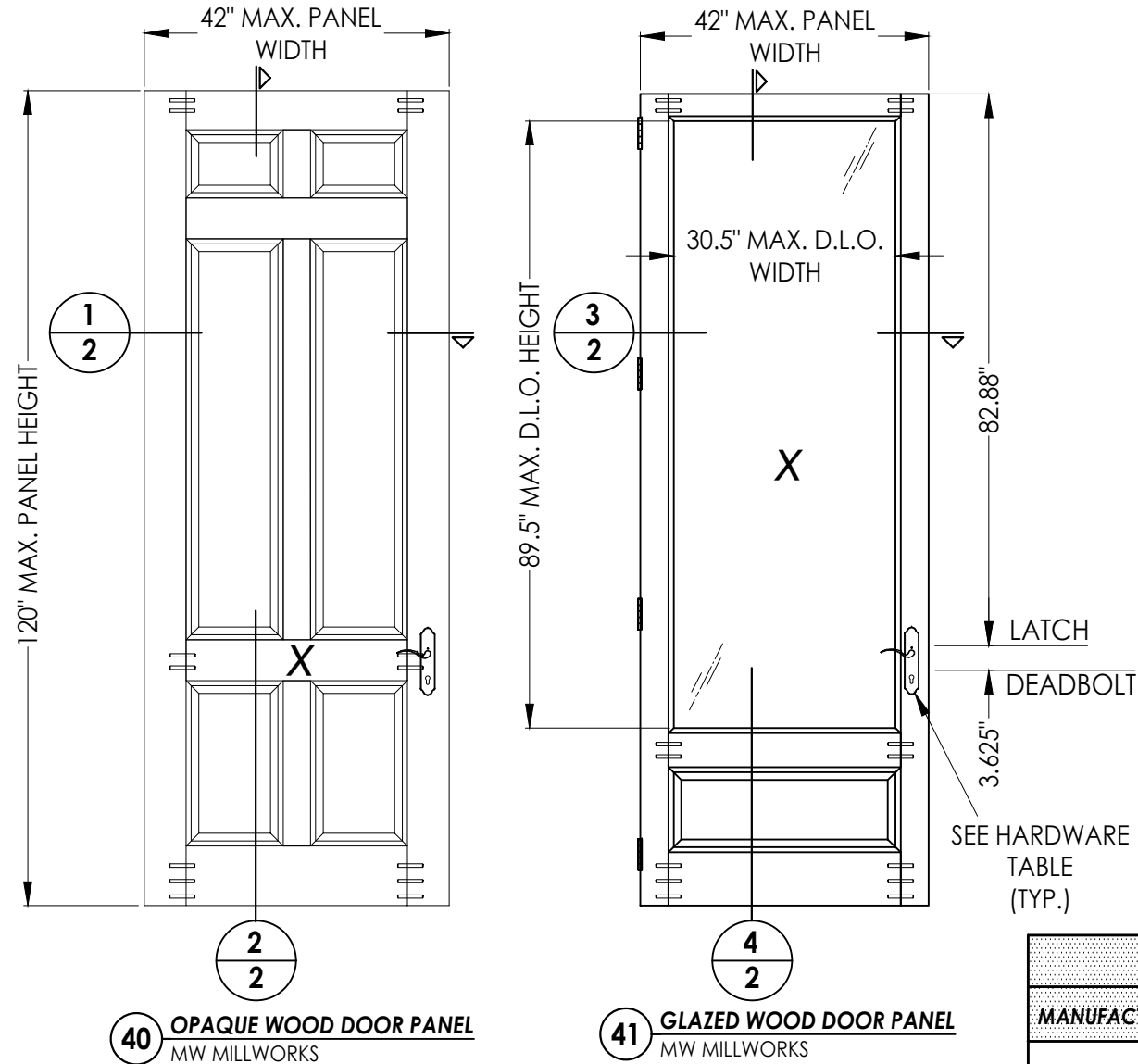
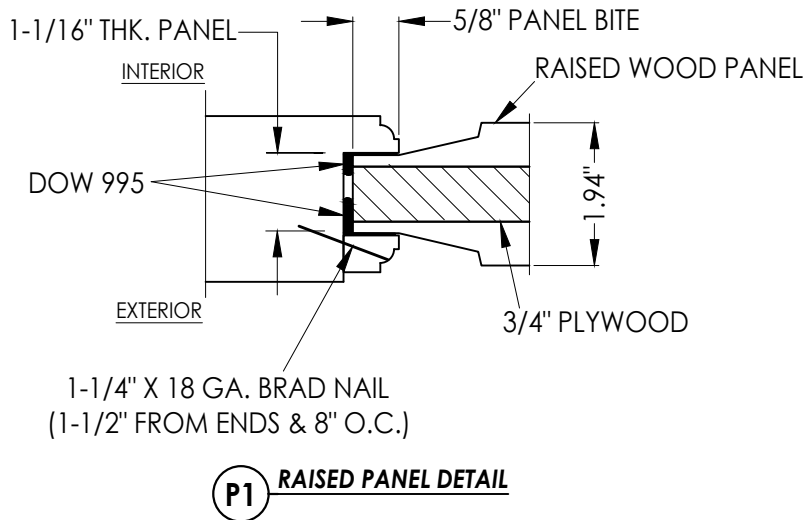
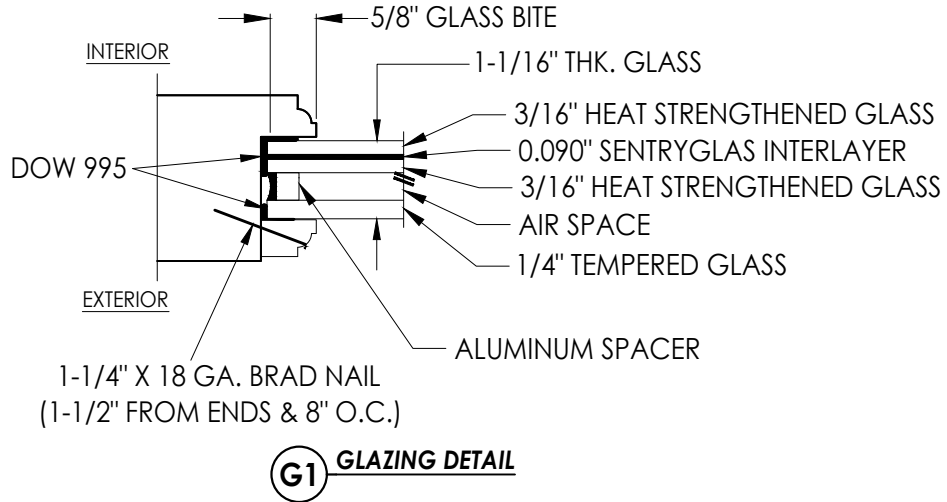
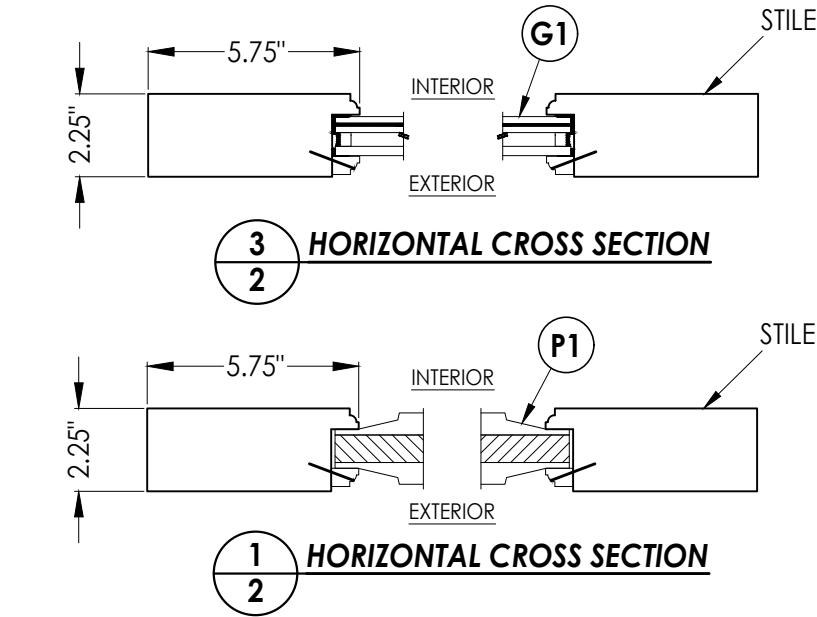
DRAWING NO.: FL-41636.6

SHEET 1 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

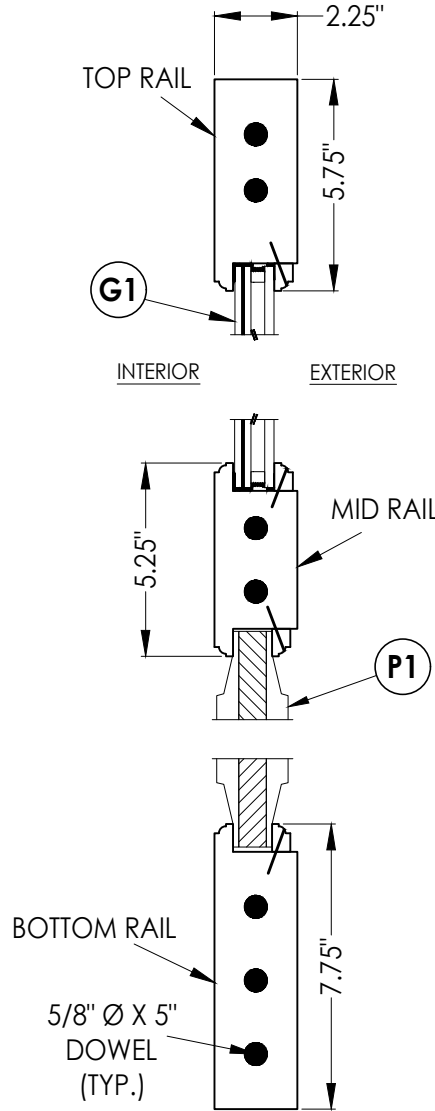
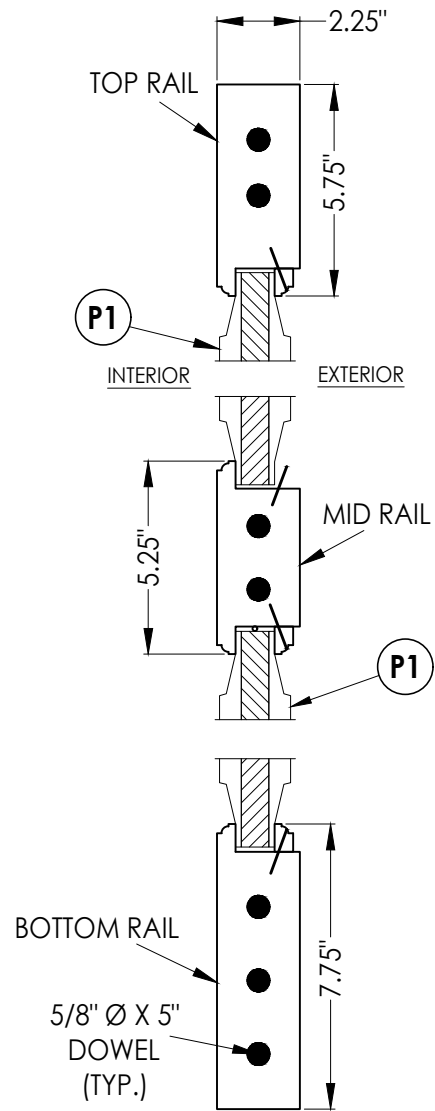
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WOOD DOOR COMPONENTS:
POPLAR: (G = 0.43)

HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	HLS 9000 SERIES MULTIPOINT HARDWARE: ACTIVE : TONGUE/SHOOTBOLT (6 PT.) INACTIVE: SHOOTBOLT (2 PT.)



Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS

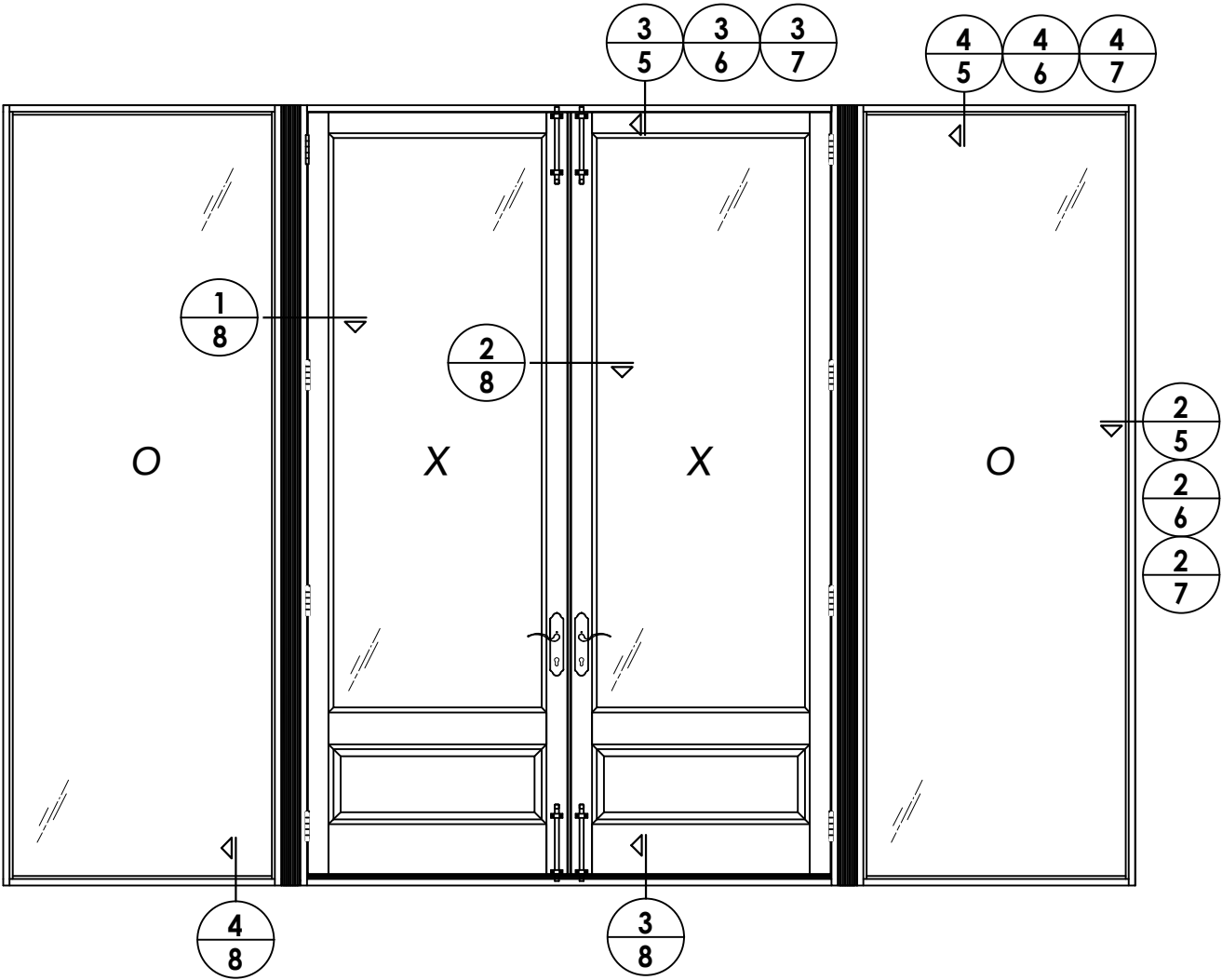
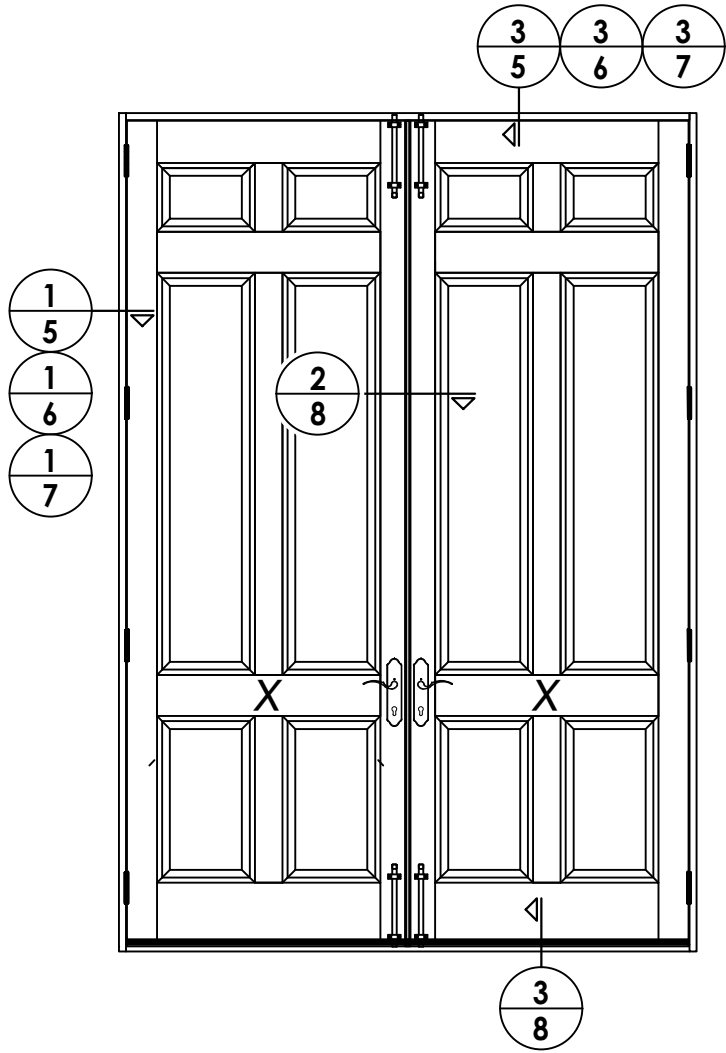
DATE: 1/23/24
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CHK. BY: RW
DRAWING NO.: FL-41636.6
SHEET 2 OF 11

[illegible]

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NOTE: OPAQUE & GLAZED DOORS MAY BE INTERCHANGED
IN ALL CONFIGURATIONS SHOWN

DATE: 1/23/24	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: FL-41636.6	
SHEET 4	OF 11

PRODUCT: MW MILLWORKS WOOD DOOR	PART OR ASSEMBLY: ELEVATIONS	NO.	DATE	BY

Documents Prepared By:
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P.E. No. 43409


BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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Technical drawing of a window assembly cross-section, showing the interior and exterior views. The drawing includes callouts 1 through 41, indicating various components and dimensions. The interior view is on the left, and the exterior view is on the right. The drawing shows a window frame (1) with a sash (2) and a weatherstripping (3). The interior view shows the window frame (1) with a sash (2) and a weatherstripping (3). The exterior view shows the window frame (1) with a sash (2) and a weatherstripping (3). The drawing includes a dimension line indicating a minimum depth of 1-1/4 inches for the exterior wall (EMB. (TYP.)).

EXTERIOR

G2

E

D

F

5

C

B

1-1/4" MIN.
EMB. (TYP.)

INTERIOR

This technical drawing illustrates a cross-section of a window assembly. The exterior side is on the left, and the interior side is on the right. The assembly includes a window frame (A), a glass pane (G2), and a weatherstripping seal (B). A drainage channel (C) is located between the frame and the glass. A screw (D) is used to secure the frame to the wall. A dimension line indicates a minimum 1-1/4 inch embedment (EMB.) for the screw. Other callouts include E (pointing to the exterior wall), F (pointing to the interior wall), and 5 (pointing to the frame).

1-1/4" MIN.
EMB. (TYP.)

A

B

C

5

D

E

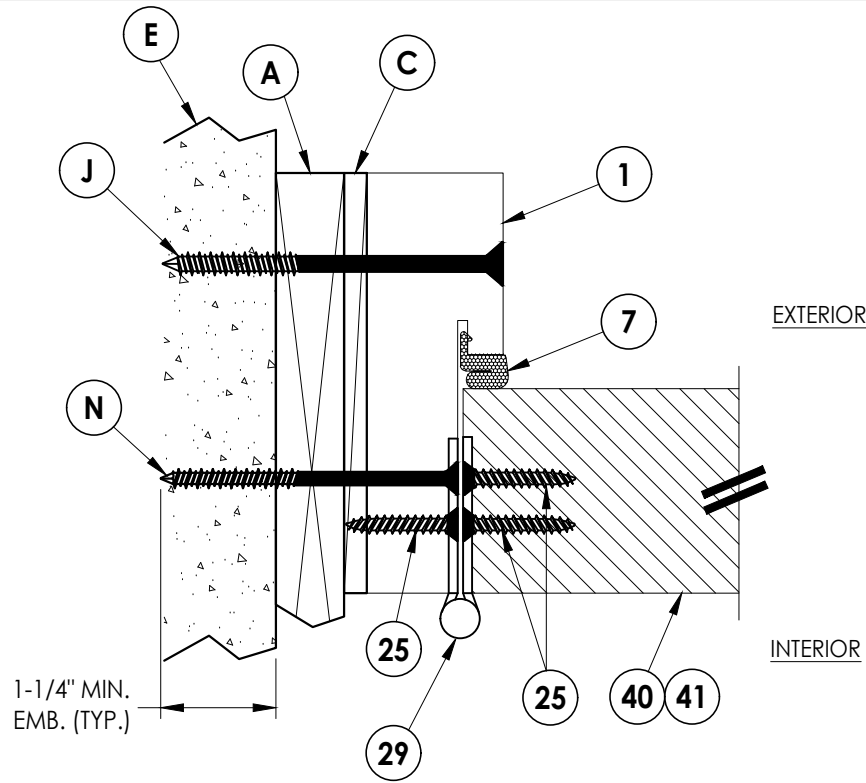
F

G2

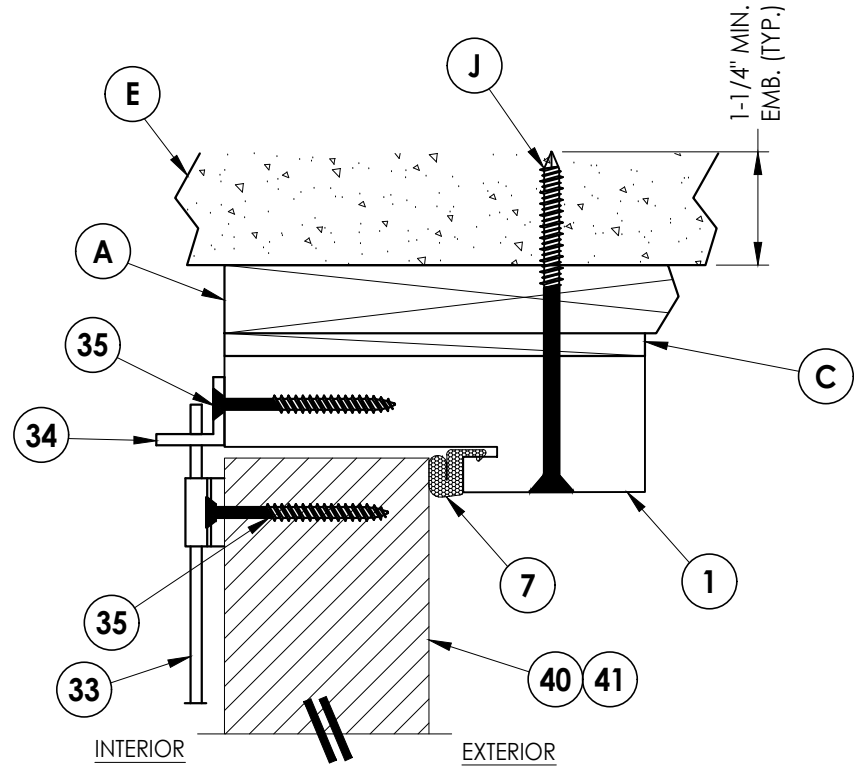
INTERIOR

EXTERIOR

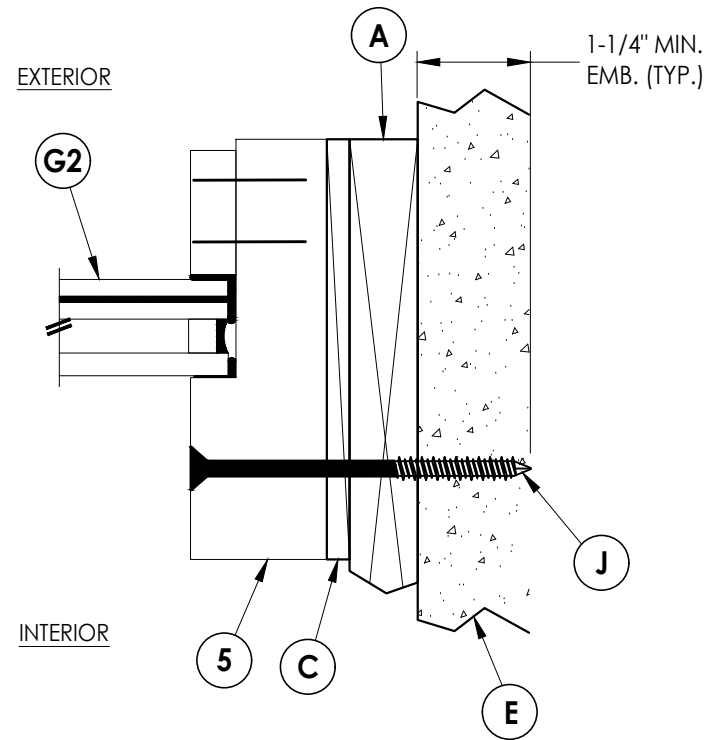
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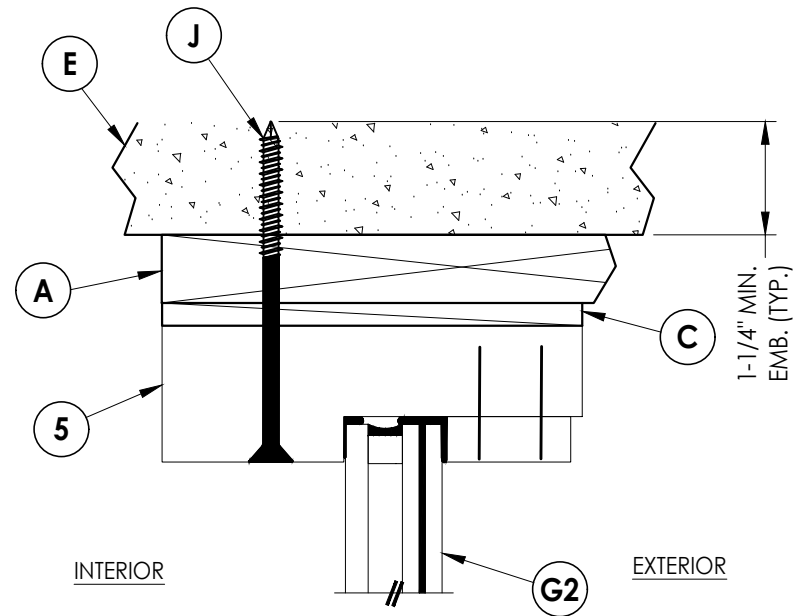
1 6 **HORIZONTAL CROSS SECTION** 1X Buck Construction



3 VERTICAL CROSS SECTION
6 1X Buck Construction

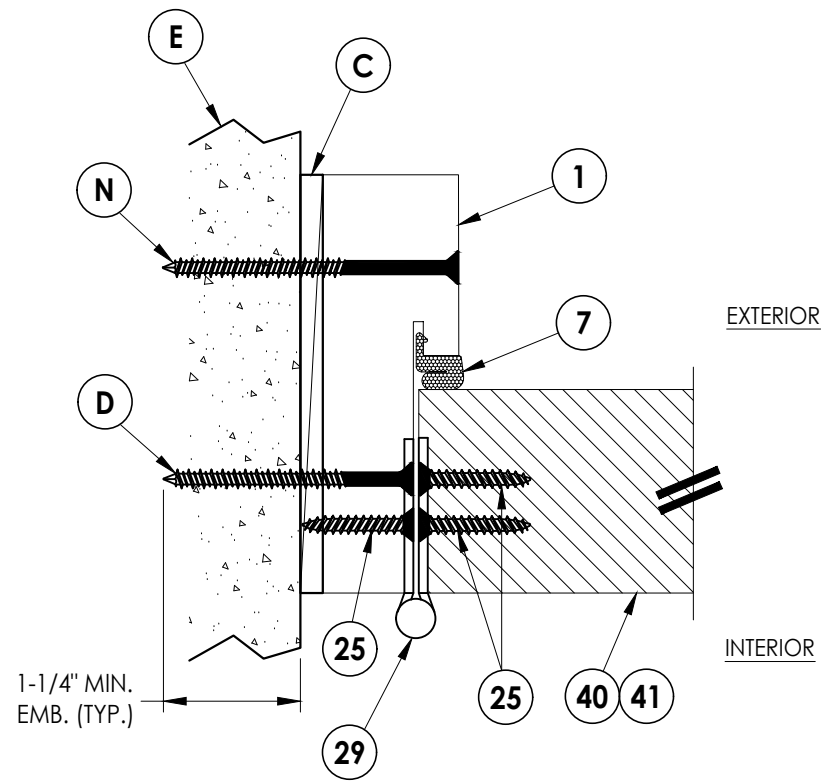


2 **HORIZONTAL CROSS SECTION**
6 1X Buck Construction

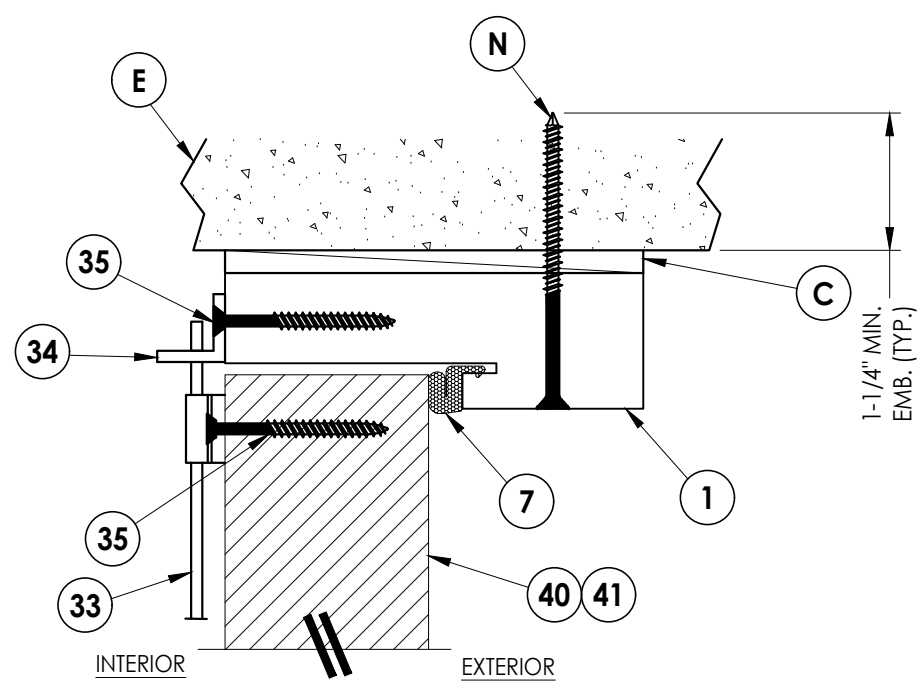


4 VERTICAL CROSS SECTION 6 1X Buck Construction

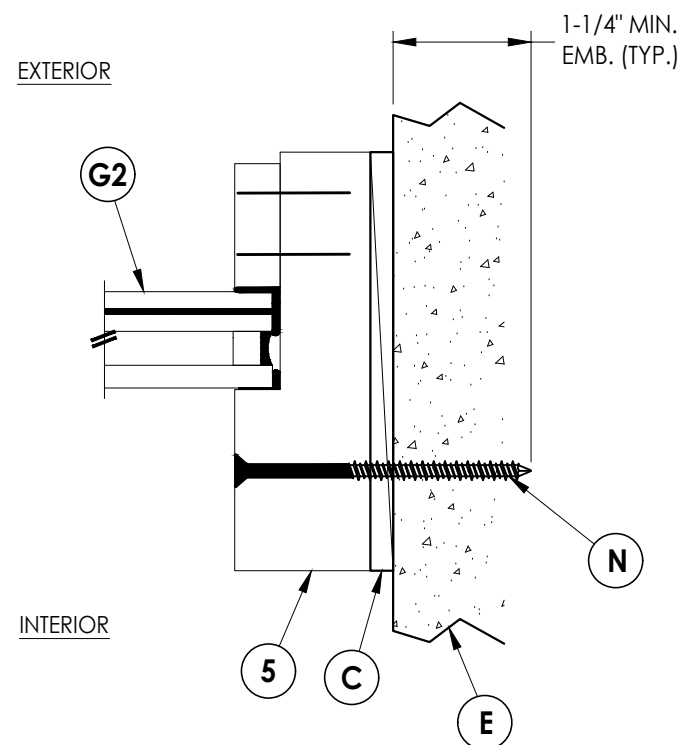
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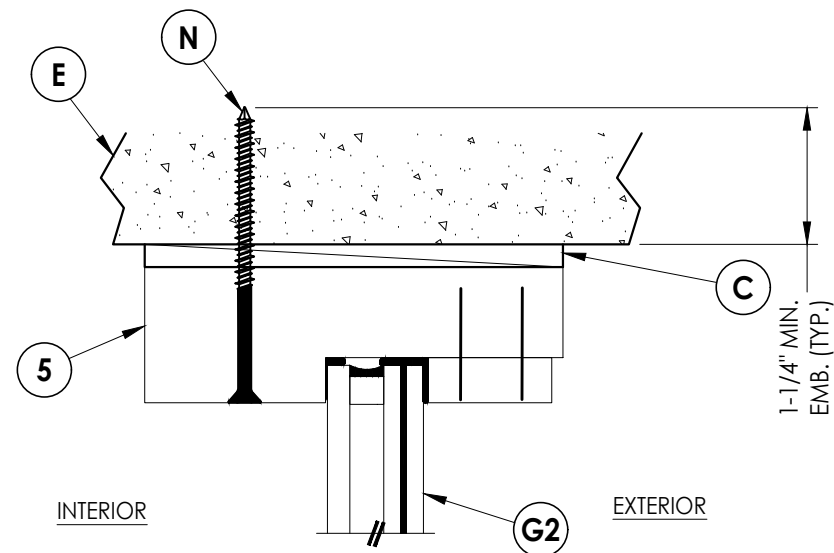
1 7 **HORIZONTAL CROSS SECTION** Shown Direct to Masonry



3 7 **VERTICAL CROSS SECTION** Shown Direct to Masonry



2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry



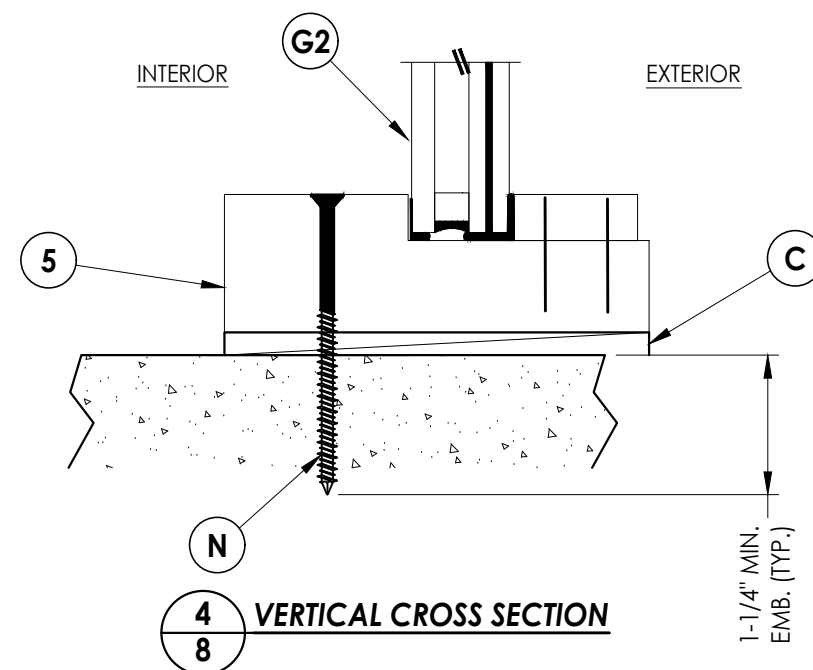
4 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry

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DATE:	1/23/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41636.6
SHEET	<u>7</u> OF <u>11</u>

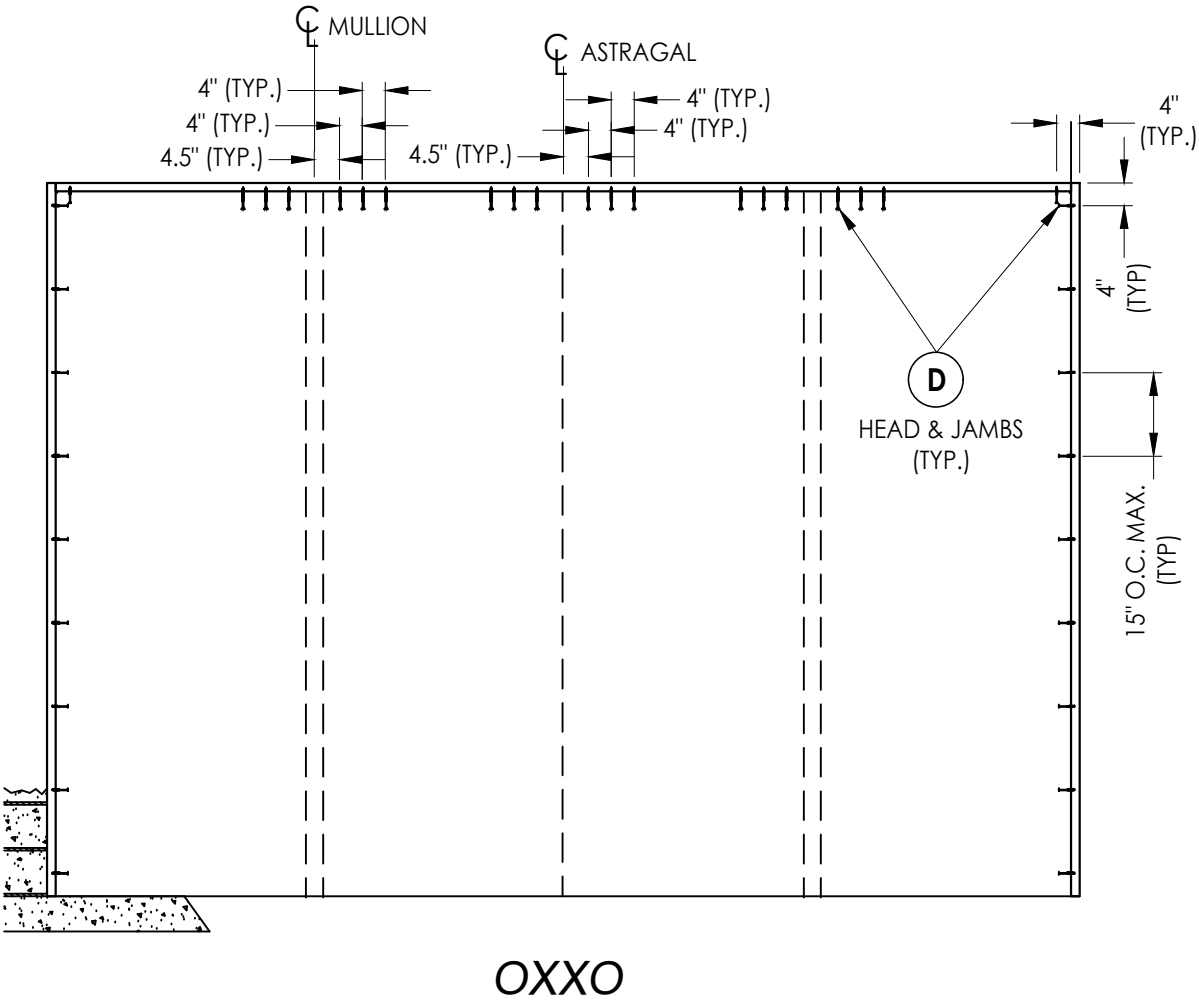
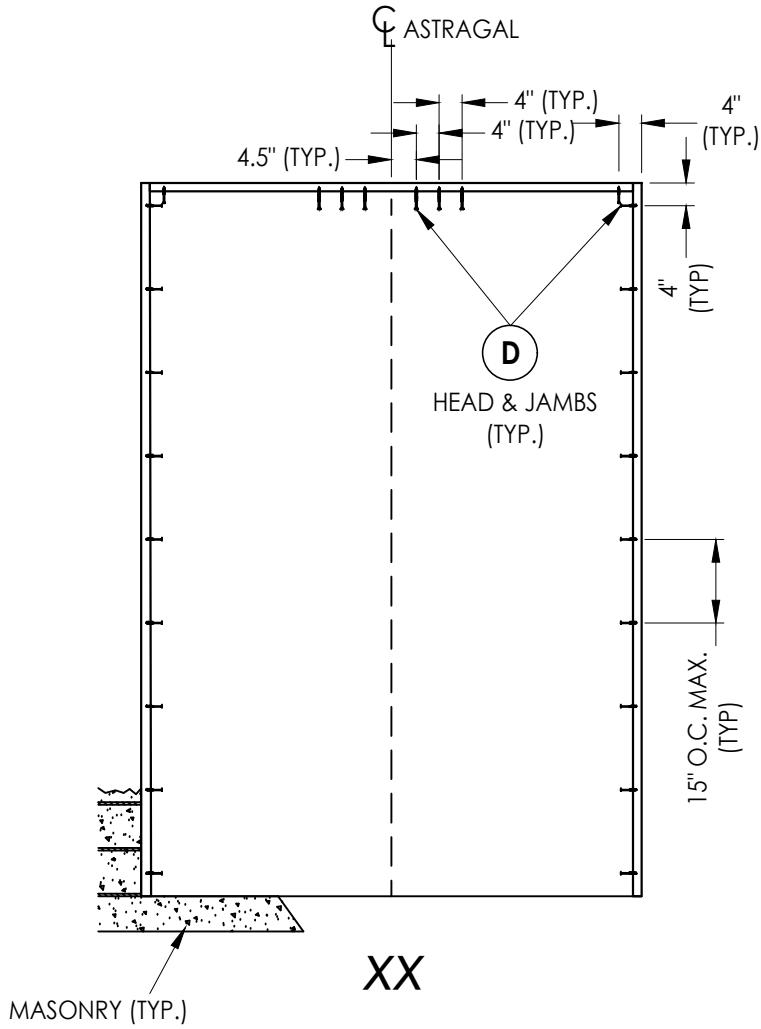
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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[illegible]

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2X BUCK ANCHORING

[illegible]

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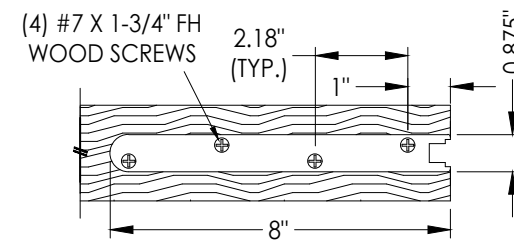
MW MILLWORKS
WOOD DOOR

ASSEMBLY:
BUCK ANCHORING

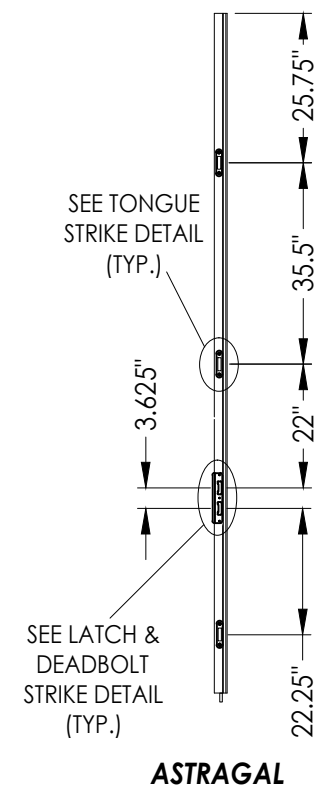
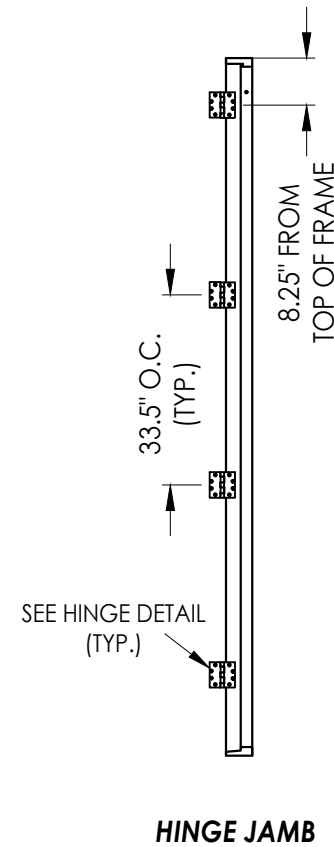
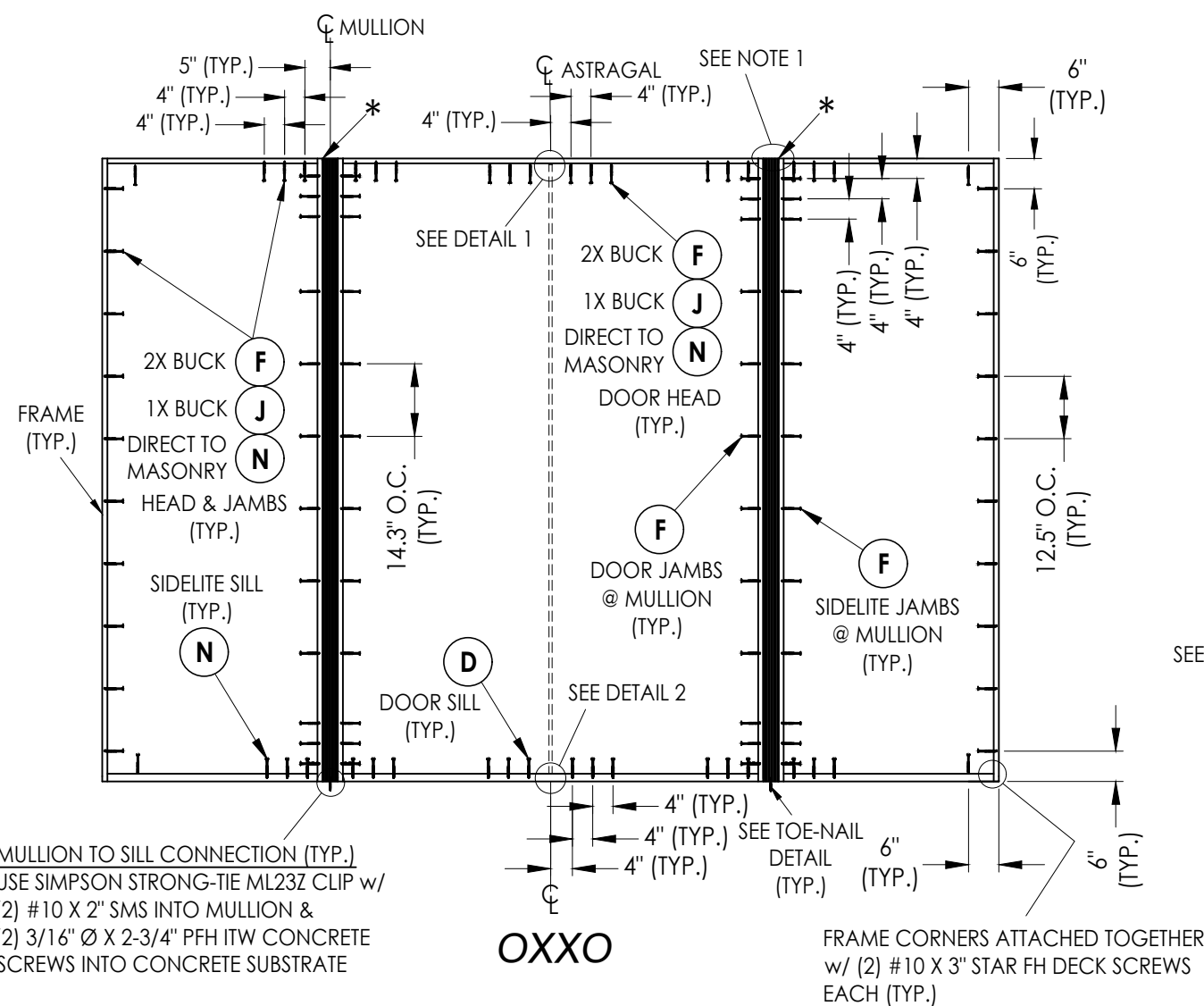
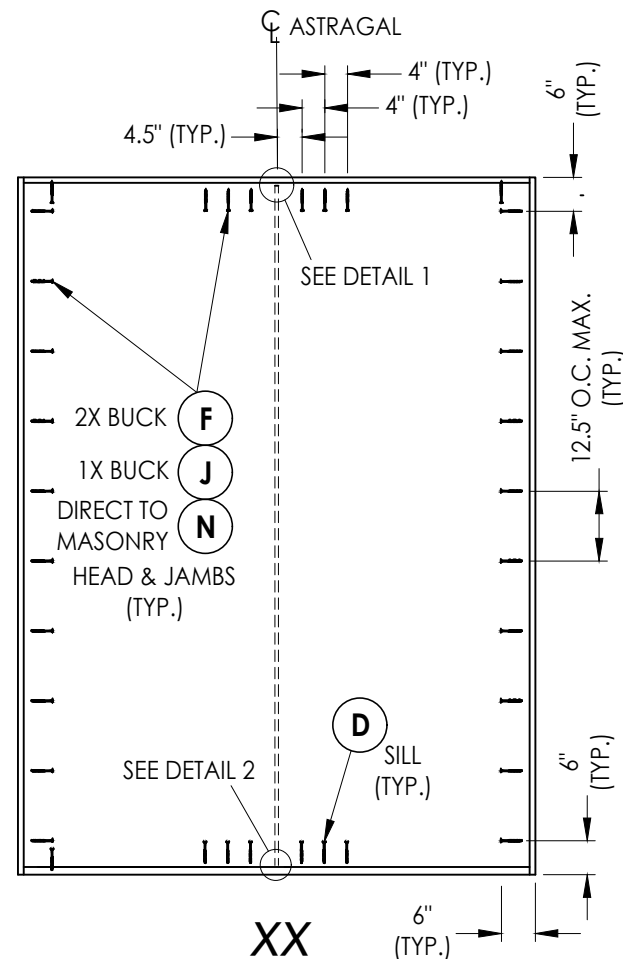
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

1. HEAD & SILL EACH ATTACHED TO MULLION w/ (4) #10 X 3" STAR FH DECK SCREWS @ EACH END (TYP.)

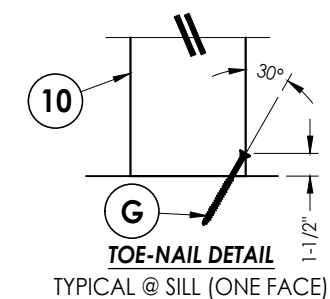
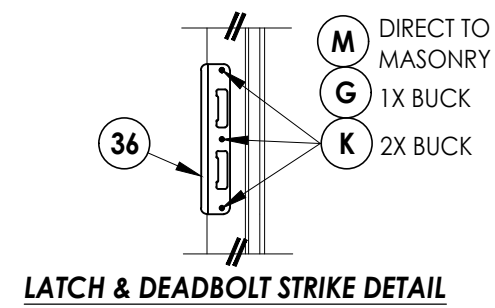
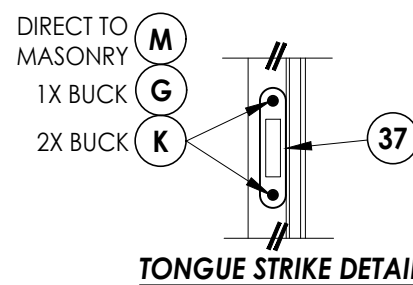
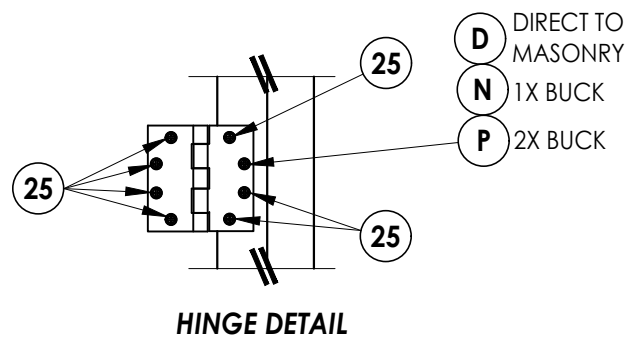
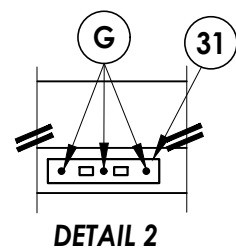
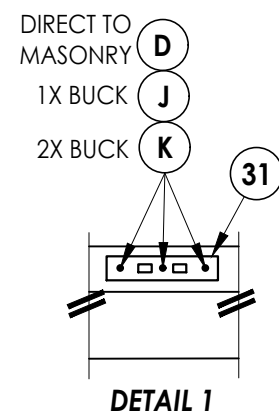
*** MULLION TO HEAD CONNECTION**
USE USP CONNECTORS ML24-TZ CLIP w/
(3) #10 X 2-1/2" SMS INTO MULLION &
(3) #10 X 2-1/2" SMS INTO 2X BUCK OR
(3) 3/16" Ø X 2-3/4" PFH ITW CONCRETE
SCREWS INTO CONCRETE SUBSTRATE.



SHOOTBOLT REINFORCMENT (HOPPE)
@ TOP & BOTTOM OF DOOR PANEL
(1/8" THICK STEEL)



FRAME ANCHORING



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

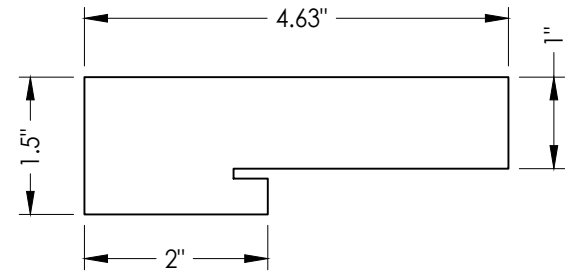
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 1/23/24		PRODUCT: MW MILLWORKS WOOD DOOR	
SCALE: N.T.S.		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
DWG. BY: LFS	NO. DATE	BY	REVISIONS
CHK. BY: RW			
DRAWING NO.: FL-41636.6			
SHEET 10 OF 11			

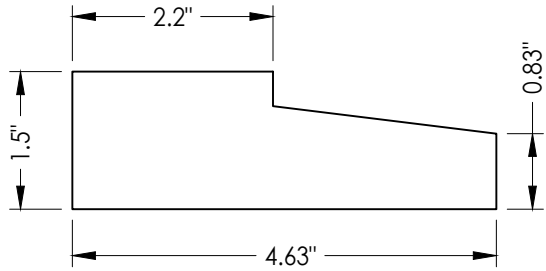
Z:\2023 FBC Drawings\Wood-On dba MW Millworks\FL-41636 R2\FL-41636.6.dwg

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 3" PFH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
N	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
P	#12 X 2-1/2" PFH WOOD SCREW	STEEL
1	DOOR JAMB	WOOD
2	DOOR SILL	WOOD
5	DIRECT SET SIDELITE JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
10	MULLION LVL REINFORCEMENT	LVL
14	#8 X 1-1/4" FH SMS	STEEL
23	#7 X 1-1/4" PFH WOOD SCREW	STEEL
25	#12 X 1-1/4" PFH WOOD SCREW	STEEL
29	4.5" X 4.5" HINGE	STEEL
31	SHOOTBOLT STRIKE PLATE	STEEL
32	#8 X 3/4" PFH WOOD SCREW	STEEL
33	IVES SURFACE BOLT (SB453 - 12")	STEEL
34	IVES SURFACE BOLT STRIKE PLATE	STEEL
35	#10 X 2" PFH SMS	STEEL
36	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
37	MULTIPOINT TONGUE STRIKE PLATE	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

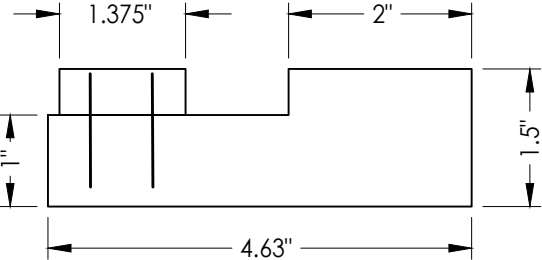
WOOD DOOR FRAME COMPONENTS:
POPLAR: (G = 0.43)



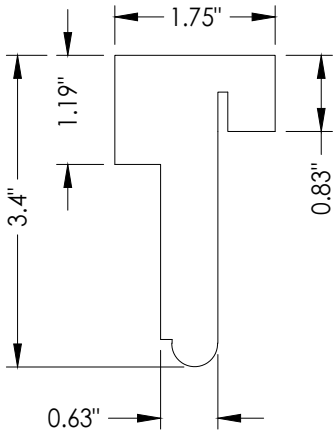
1 WOOD DOOR JAMB



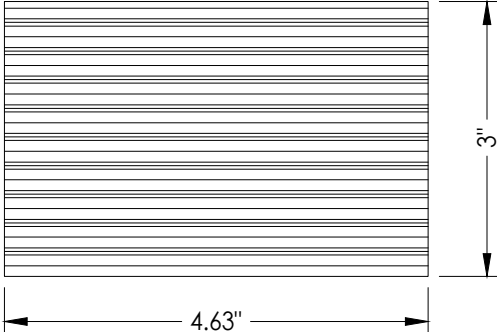
2 WOOD DOOR SILL



5 WOOD DIRECT SET SIDELITE JAMB



6 ASTRAGAL



10 MULLION LVL REINFORCEMENT
VERSA-LAM® 2.1E 3100 LVL
VERTICAL - FULL HEIGHT

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"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	3"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	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
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

REVISIONS	
NO.	DATE

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41636.6

SHEET 11 OF 11