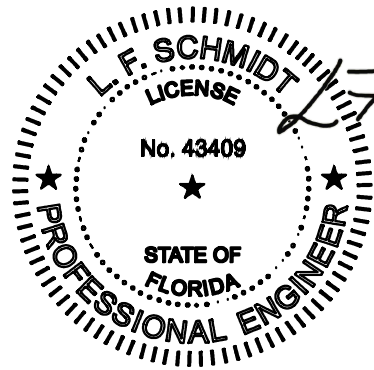
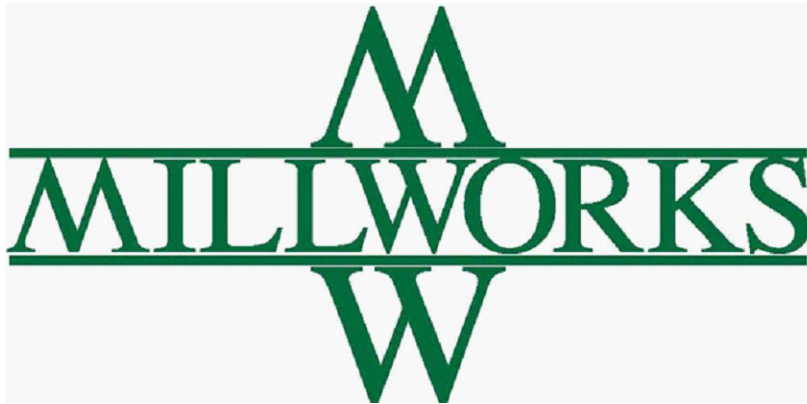
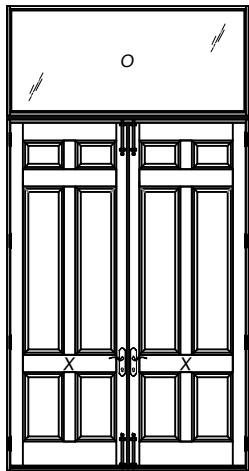




Digitally signed by Lyndon F Schmidt
Date: 2026.07.20 13:20:51 -04'00'

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

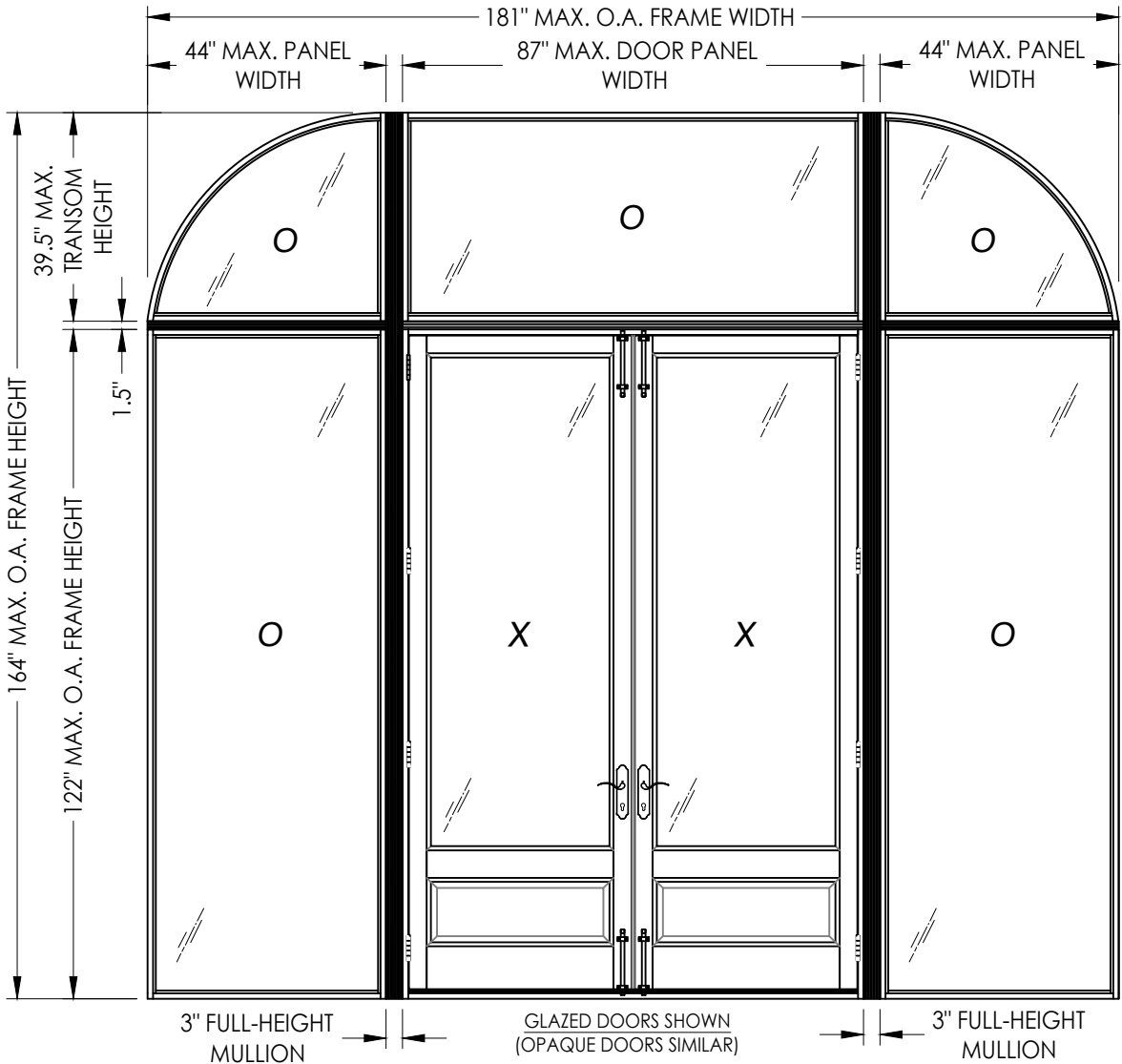


OPAQUE or GLAZED WOOD ENTRY DOOR
DOUBLE w/ or w/out SIDELITES & TRANSOM

INSWING
"IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 9th Edition (2026) 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 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 includes Wind Zone 3 as defined in ASTM E1996.
- 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.



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
O/XX	87.0" x 164.0"	+50.0	-50.0
OOO/OXXO	181.0" x 164.0"	+50.0	-50.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite & Transom 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	Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring & Hardware Details
12	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

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41636.7

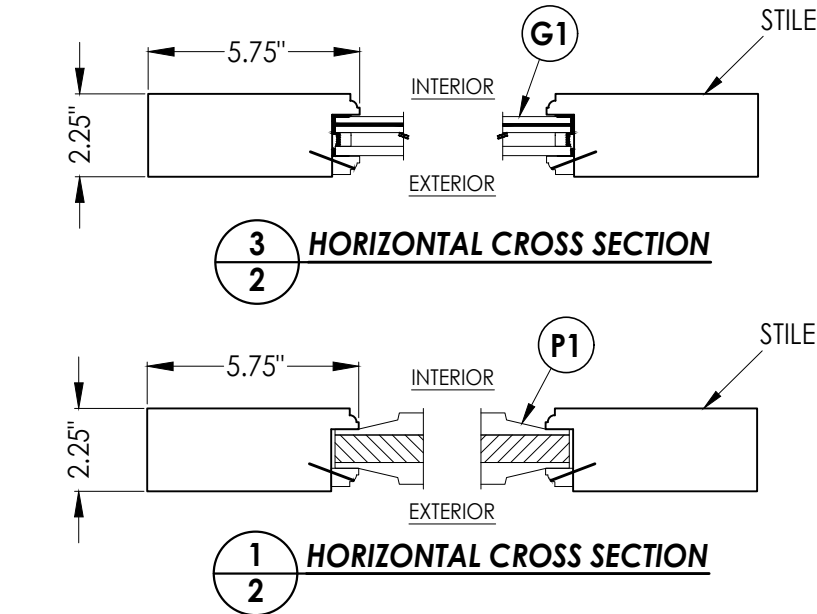
SHEET 1 OF 12

1 7/01/26 UPDATE TO 9TH ED. (2026) FBC

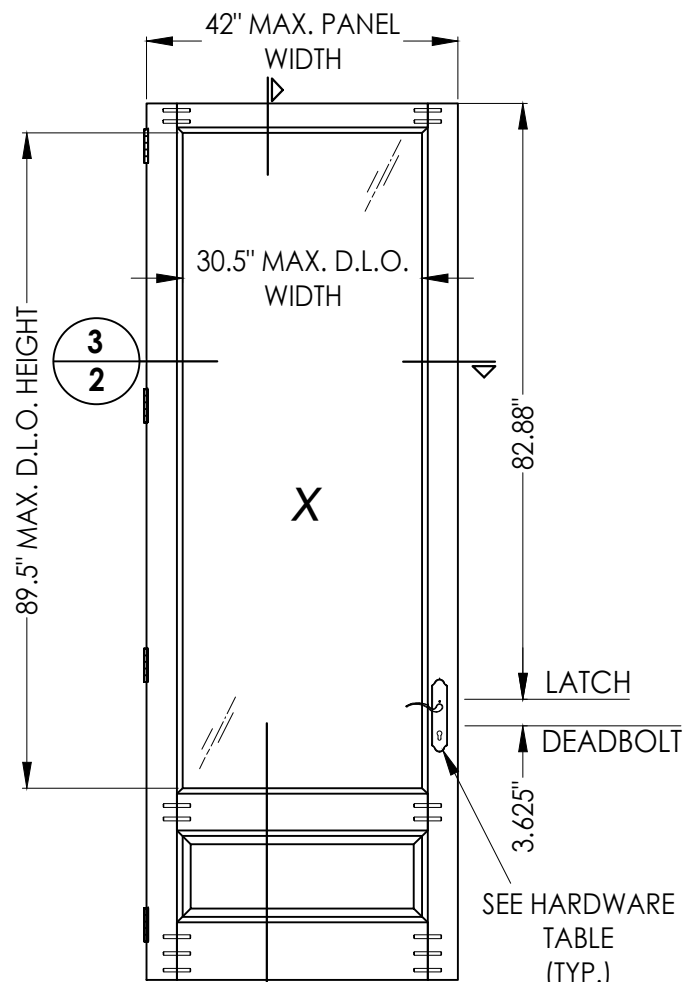
NO. DATE

REVISIONS

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



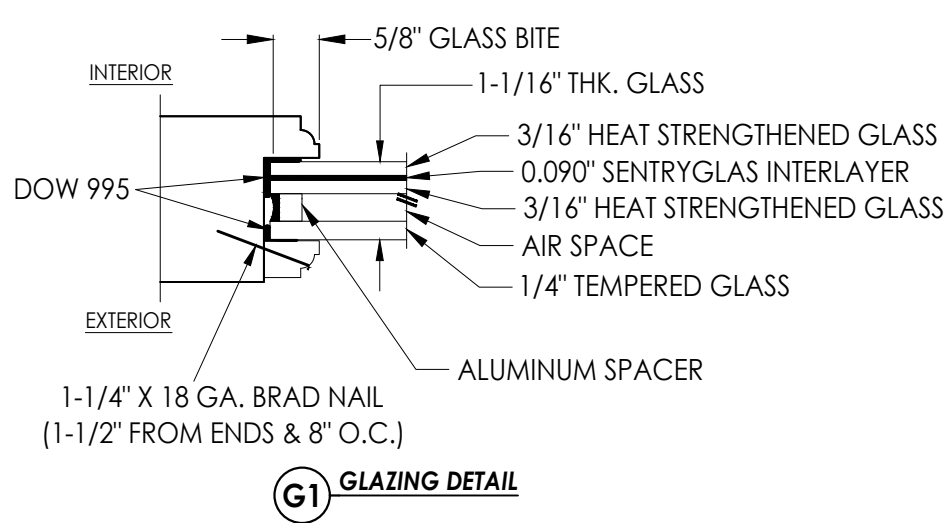
40 **OPAQUE WOOD DOOR PANEL**
MW MILLWORKS



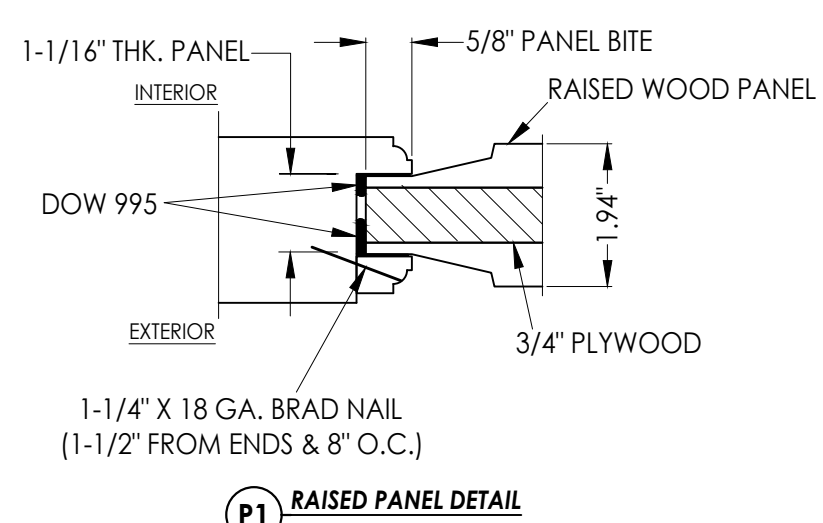
41 GLAZED WOOD DOOR PANEL

MW MILLWORKS

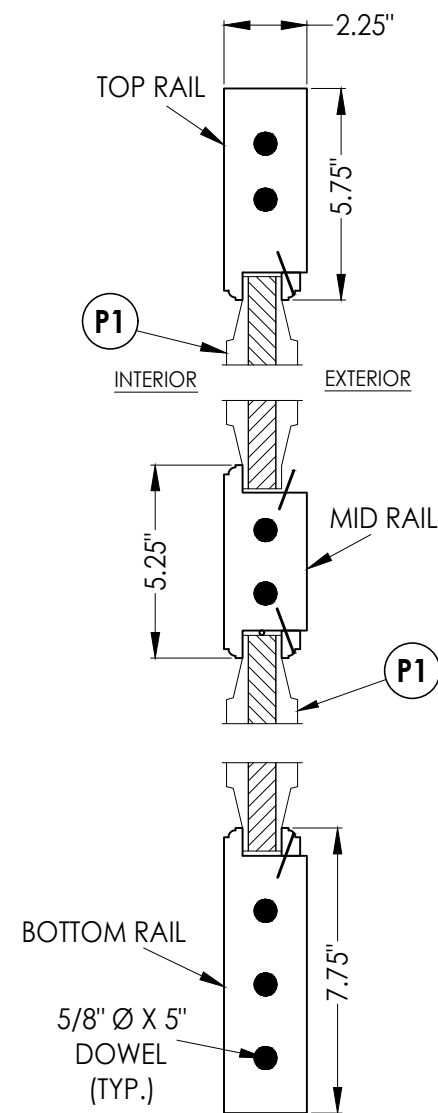
HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	HLS 9000 SERIES MULTIPOINT HARDWARE: ACTIVE : TONGUE/SHOOTBOLT (6 PT.) INACTIVE: SHOOTBOLT (2 PT.)



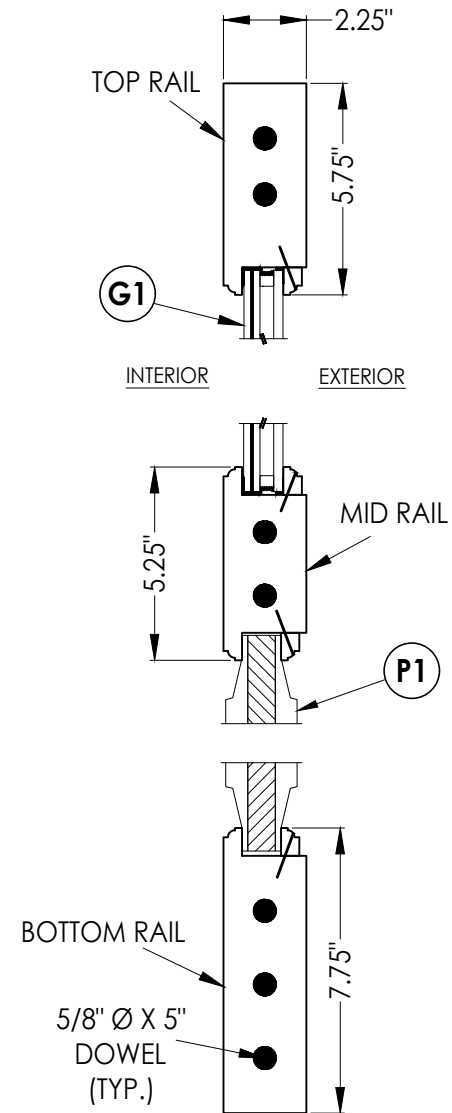
G1 GLAZING DETAIL



P1 RAISED PANEL DETAIL



2 VERTICAL CROSS SECTION
2 OPAQUE PANEL



4 **VERTICAL CROSS SECTION**
2 GLAZED PANEL

Documents Prepared By:
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PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:

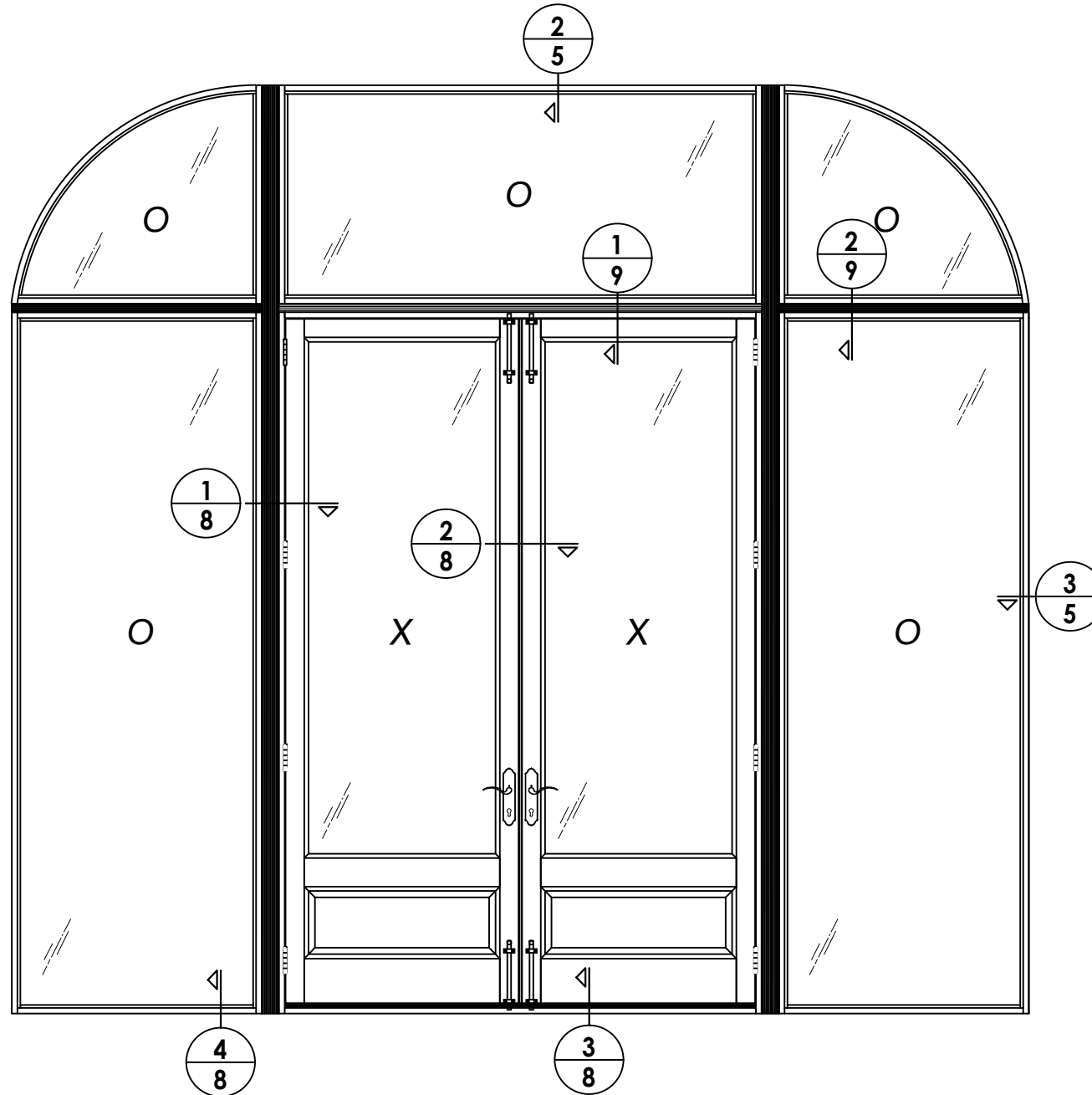
DOOR PANEL DETAILS

[illegible]

[illegible]

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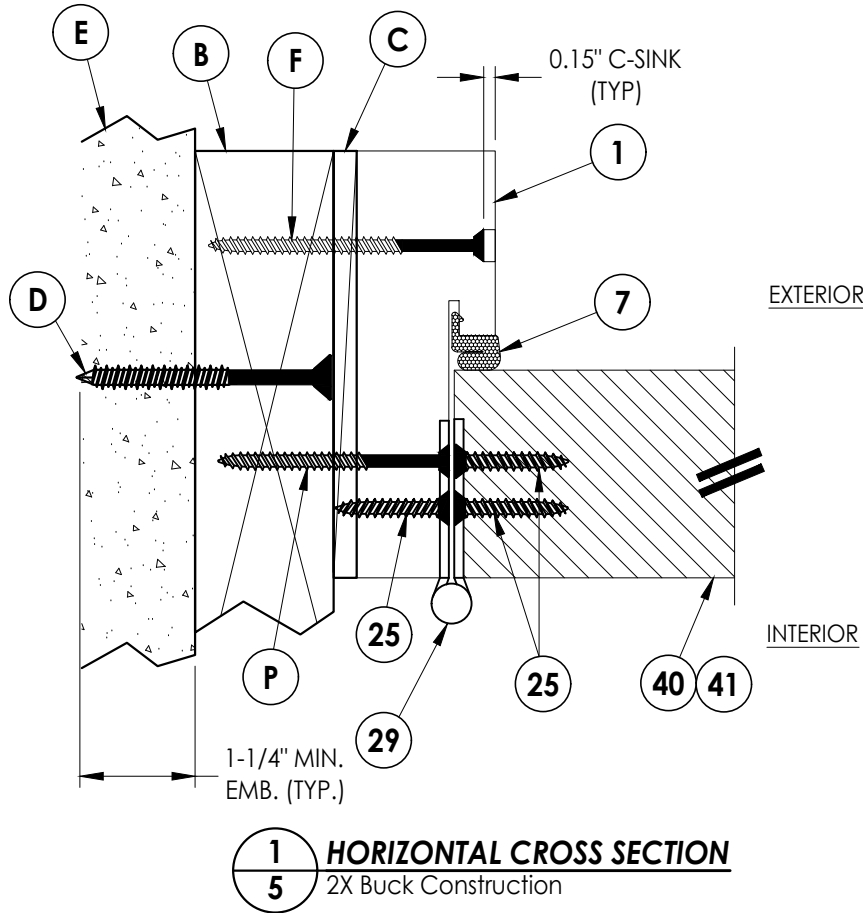
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
NO.	DATE	BY		
REVISIONS				

DATE:	1/23/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41636.7
SHEET	<u>4</u> OF <u>12</u>

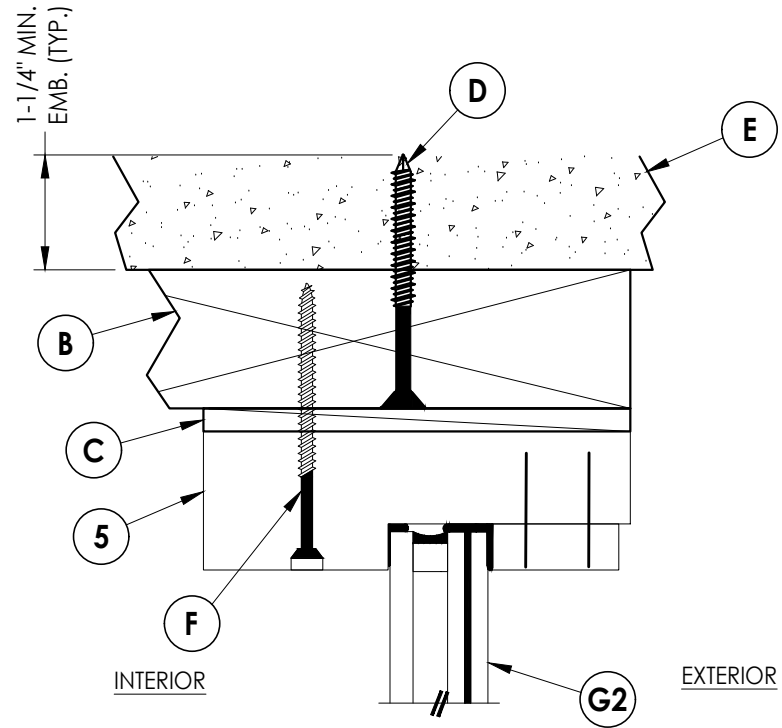
Documents Prepared By:
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P.E. No. 43409

PRODUCT: MW MILLWORKS
WOOD DOOR

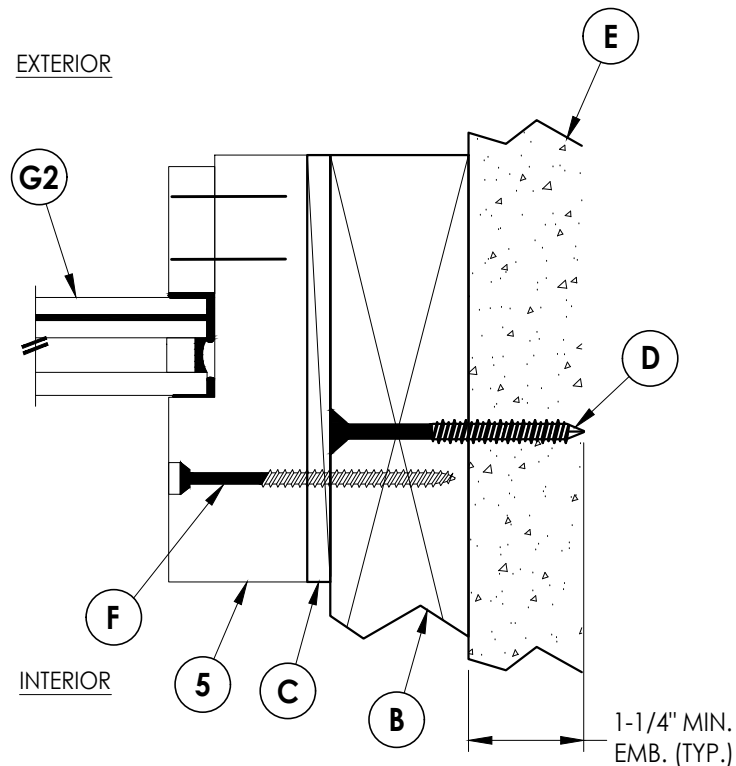
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1 **HORIZONTAL CROSS SECTION**
5 2X Buck Construction



2 **VERTICAL CROSS SECTION**
5 2X Buck Construction



3 HORIZONTAL CROSS SECTION

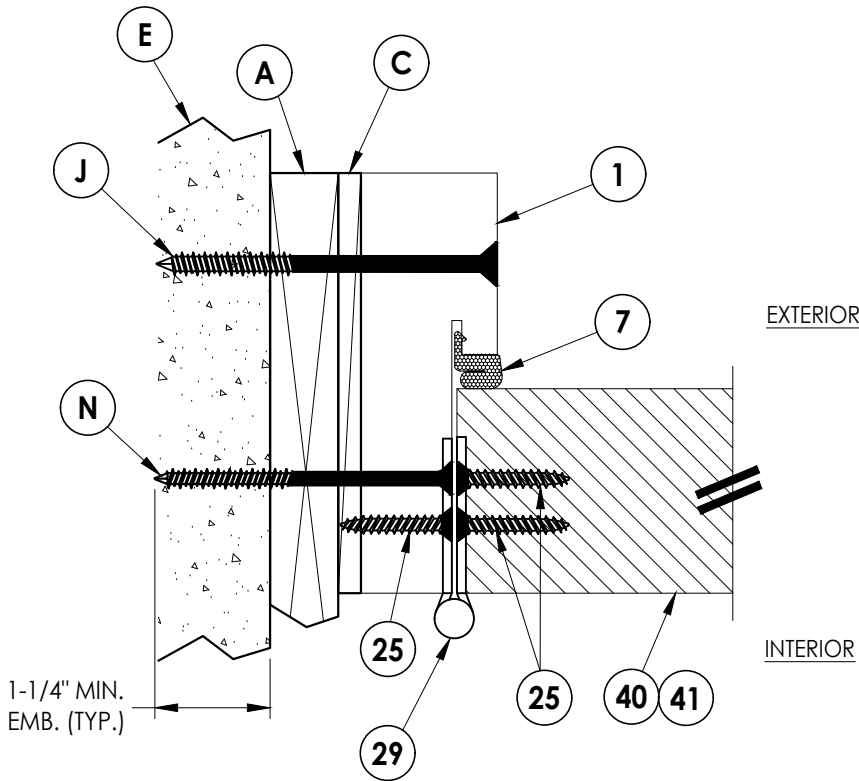
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DATE:	1/23/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41636.7
SHEET	<u>5</u> OF <u>12</u>

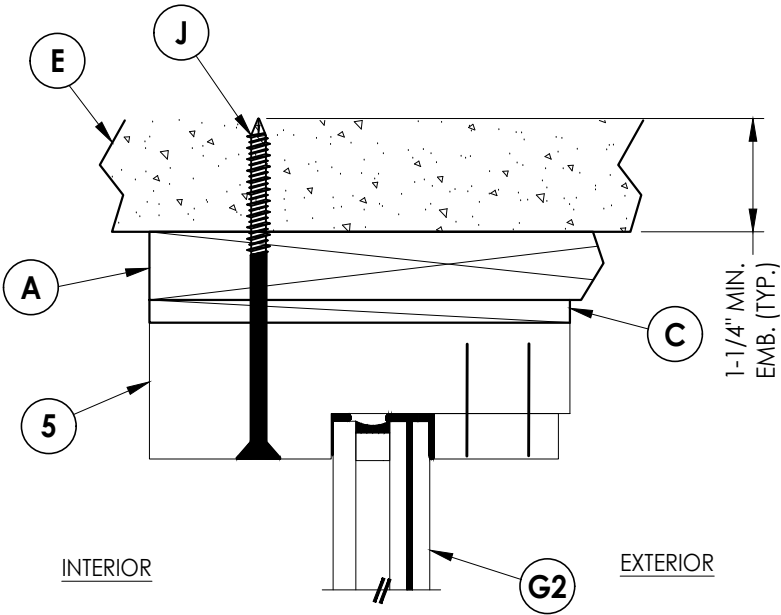
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1
6 **HORIZONTAL CROSS SECTION**
1X Buck Construction
Double Door w/out Sidelites Only



2
6 **VERTICAL CROSS SECTION**
1X Buck Construction
Double Door w/out Sidelites Only

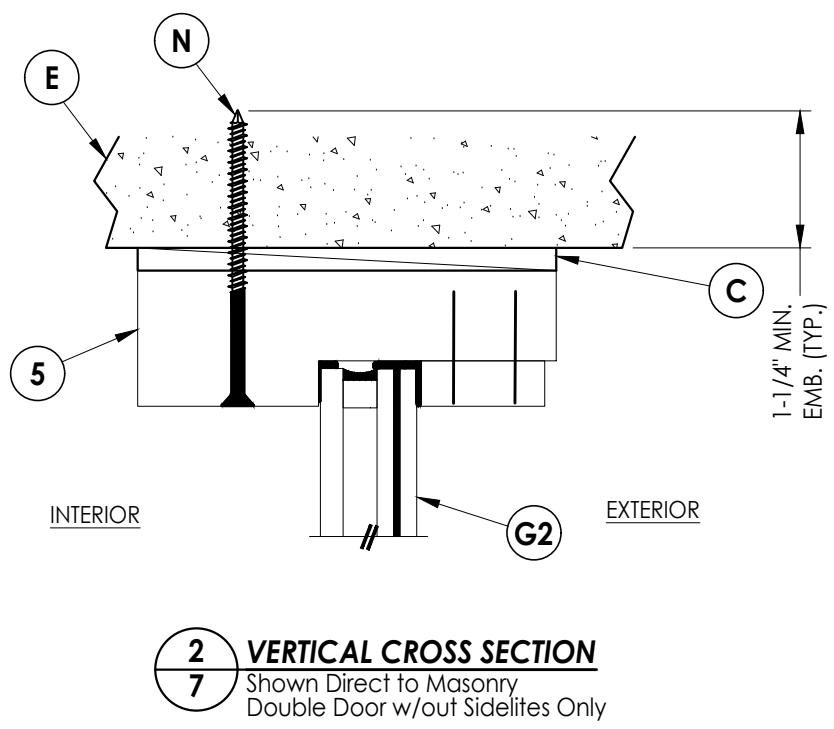
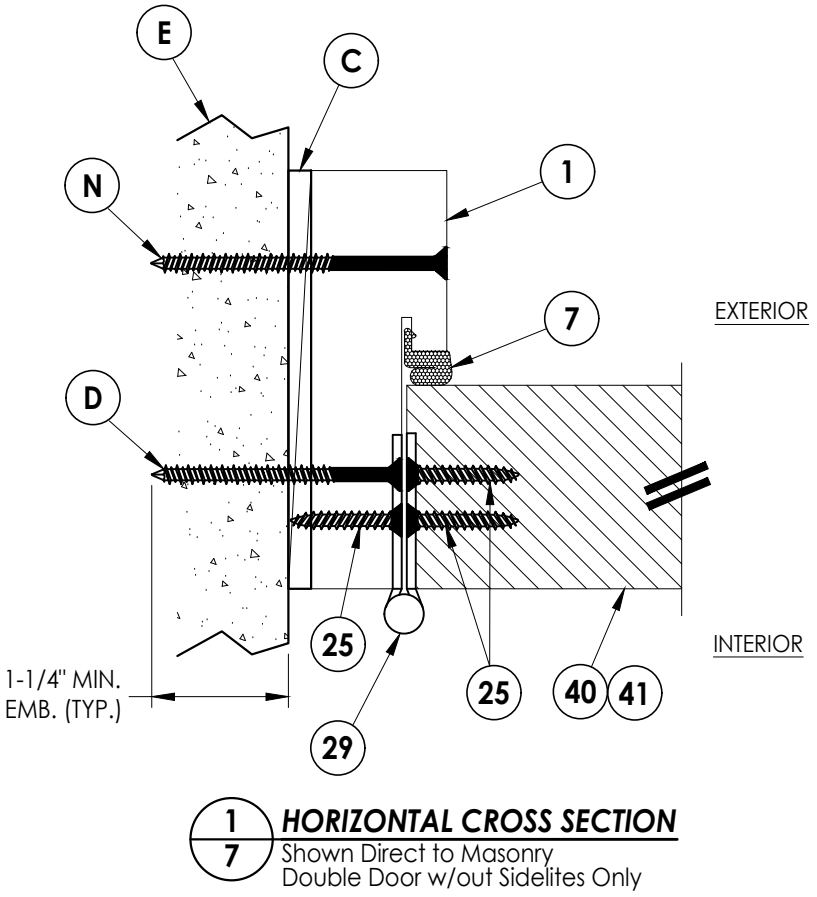
DATE: 1/23/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41636.7
SHEET 6 OF 12

NO.	DATE	DESCRIPTION	BY
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS

PRODUCT:	MW MILLWORKS WOOD DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

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Lyndon F. Schmidt
P.E. No. 43409

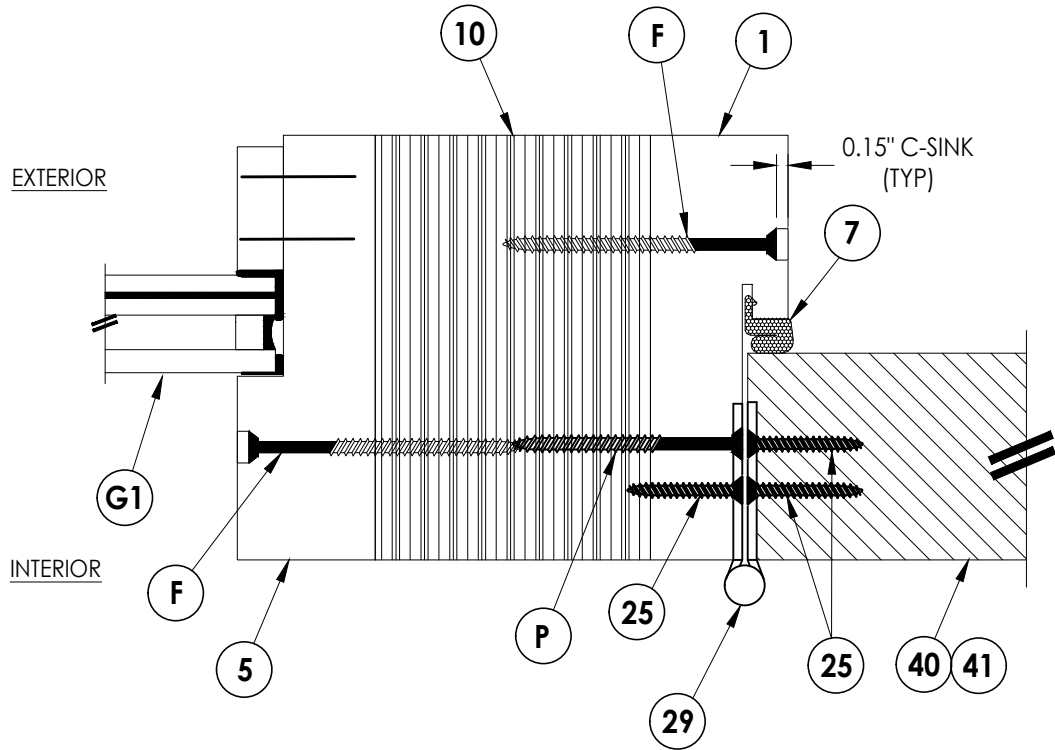
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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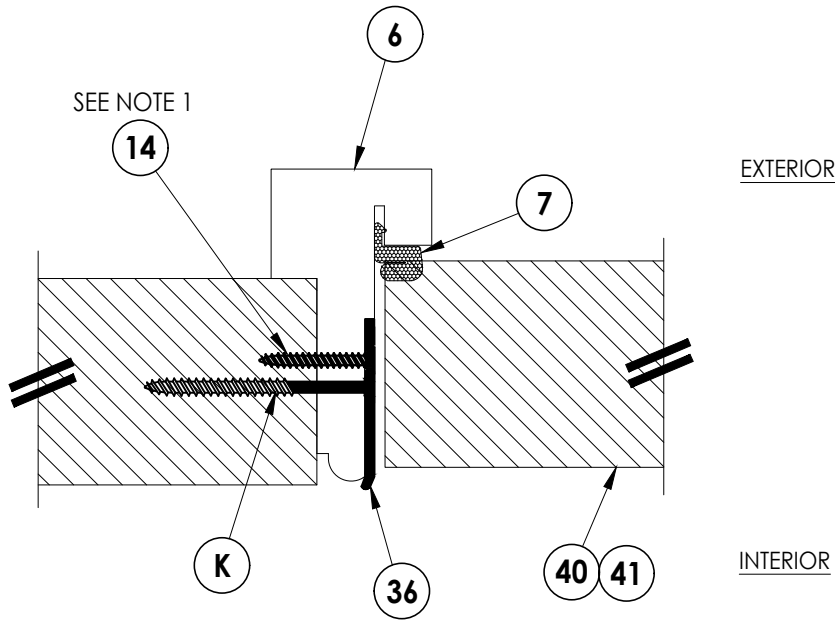
PRODUCT: <u>MW MILLWORKS</u> <u>WOOD DOOR</u>	PART OR ASSEMBLY: <u>HORIZONTAL & VERTICAL CROSS</u> <u>SECTIONS (DIRECT TO MASONRY)</u>
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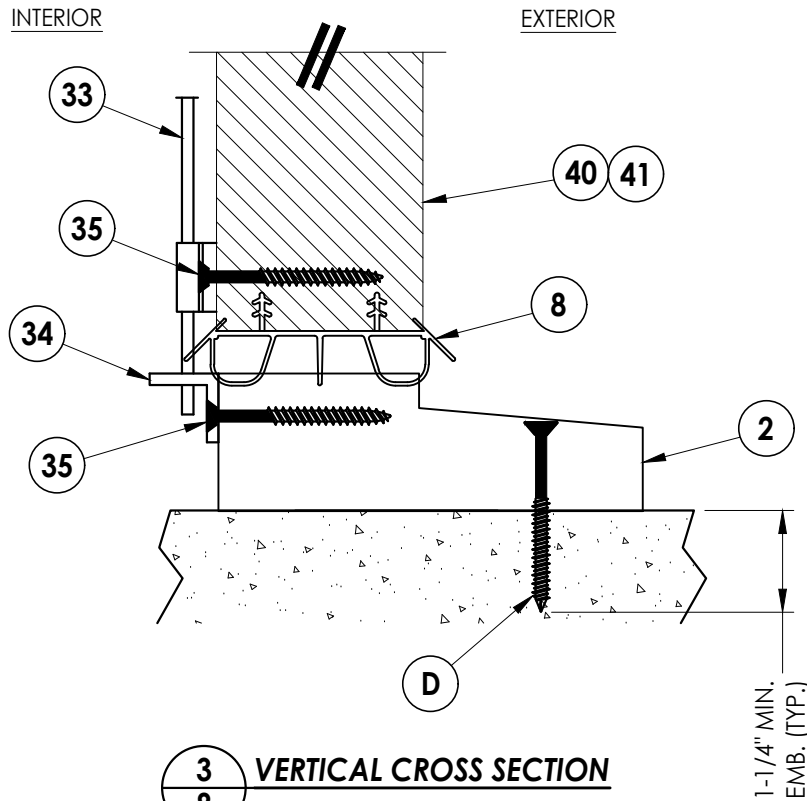


1
8 HORIZONTAL CROSS SECTION

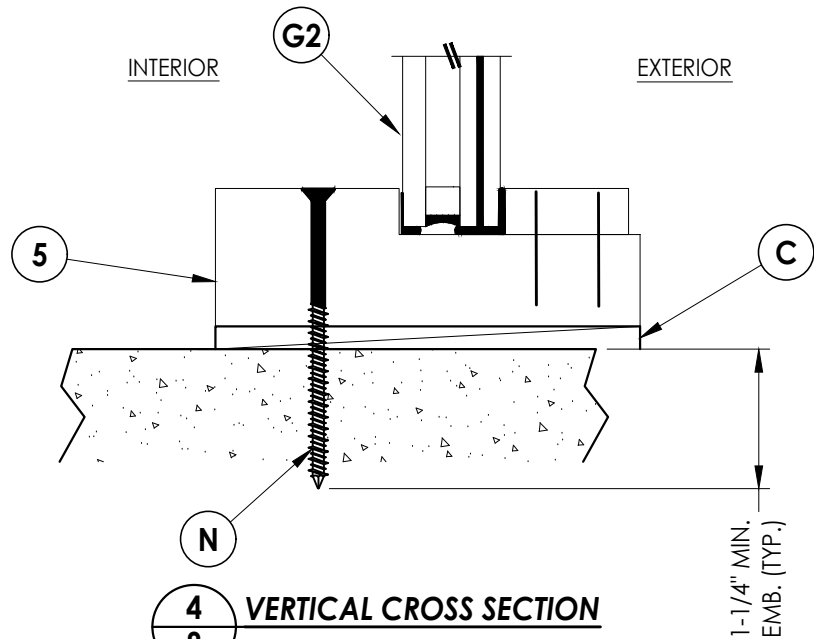


2
8 HORIZONTAL CROSS SECTION

NOTE:
1. ASTRAGAL ASSEMBLY SCREWS) LOCATED 2-1/2" FROM EACH END PLUS 7 MORE SPACED 12"-18" O.C. (9 TOTAL).



3
8 VERTICAL CROSS SECTION



4
8 VERTICAL CROSS SECTION

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PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 11
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41636.7
SHEET 8 OF 12

1. MULLION TO TRANSOM ASSEMBLY SCREWS (2 ROWS)
LOCATED 2" FROM EACH END & 12" O.C. THEREAFTER.

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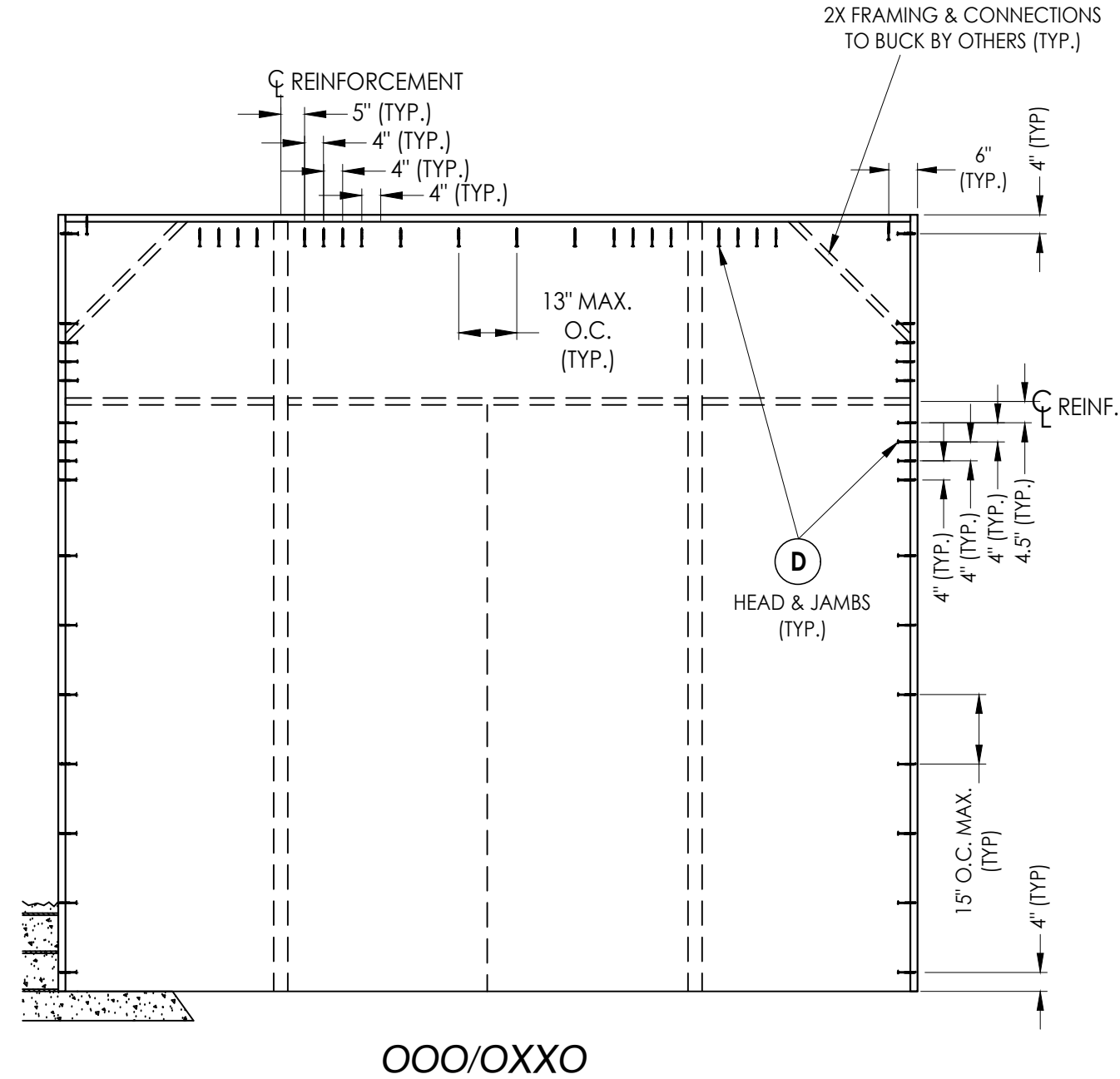
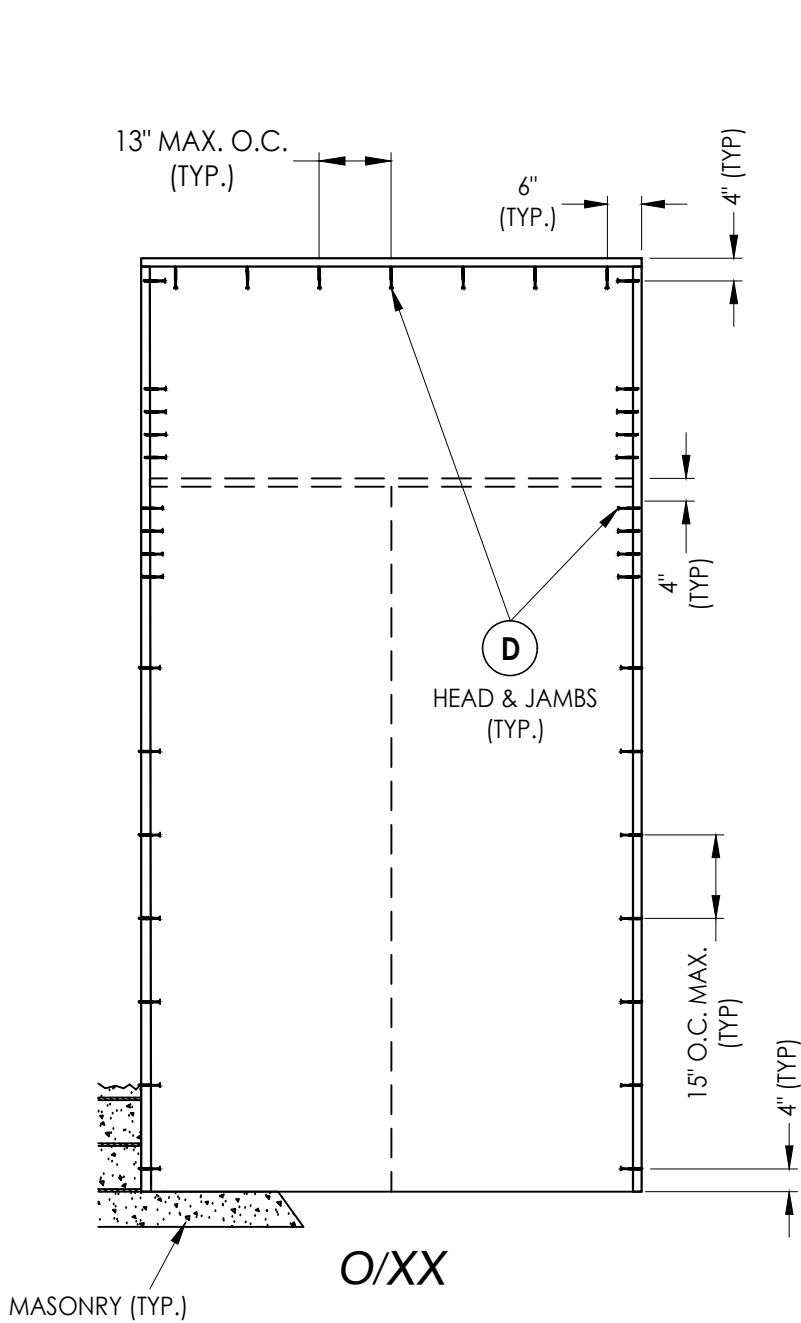
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS**

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2X BUCK ANCHORING

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41636.7

SHEET 10 OF 12

NO.	DATE	DESCRIPTION
1	7/01/26	UPDATE TO 9TH ED. (2026)
		FBC
		LFS
		BY

PRODUCT:	MW MILLWORKS WOOD DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

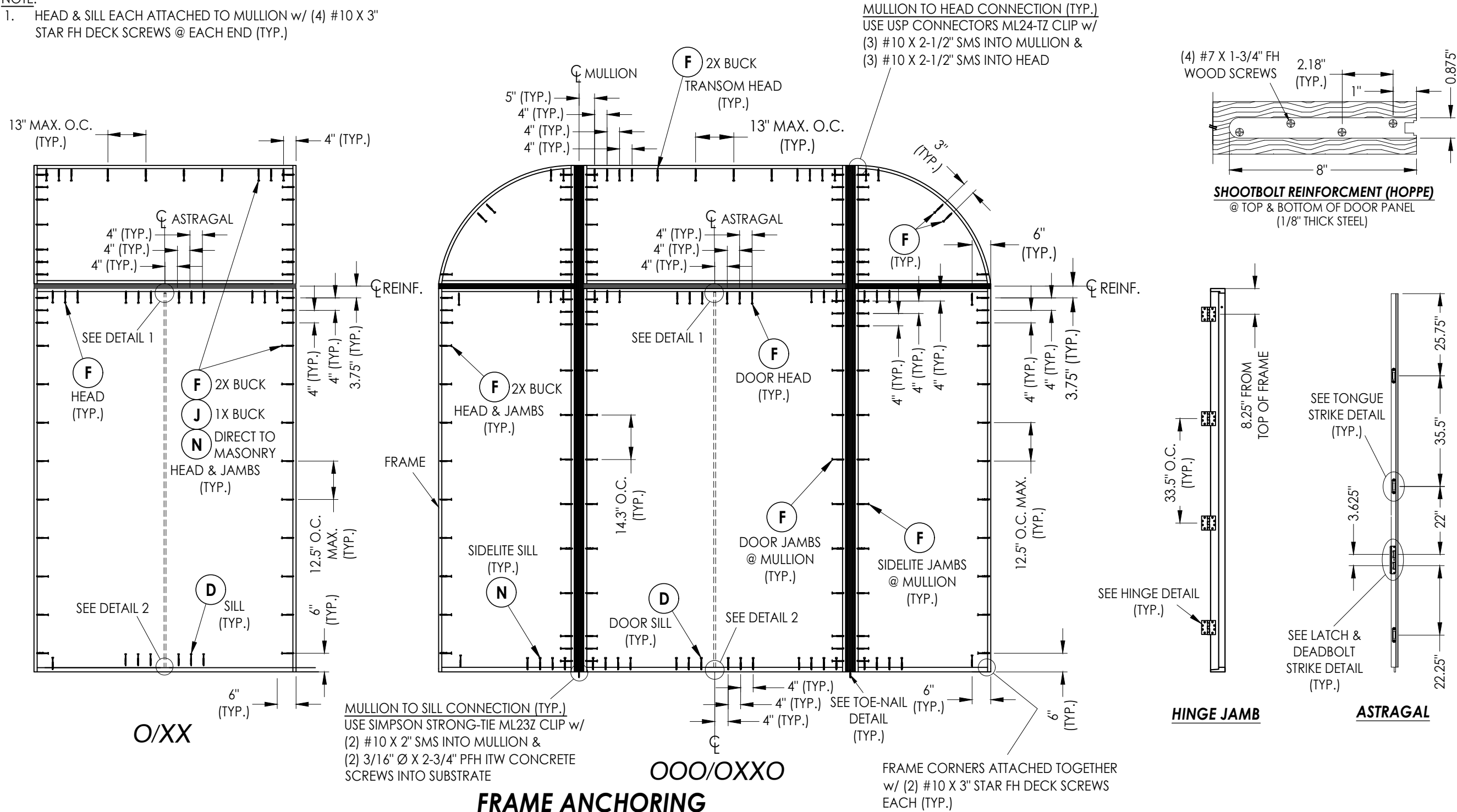
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NOTE:
1. HEAD & SILL EACH ATTACHED TO MULLION w/ (4) #10 X 3" STAR FH DECK SCREWS @ EACH END (TYP.)



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Phone No.: 813.659.9197

FBPE Registry No. 9813

RW

PRODUCT:

MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:

FRAME ANCHORING
& HARDWARE DETAILS

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-41636.7

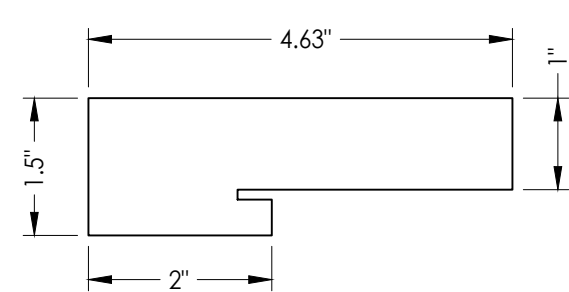
SHEET 11 OF 12

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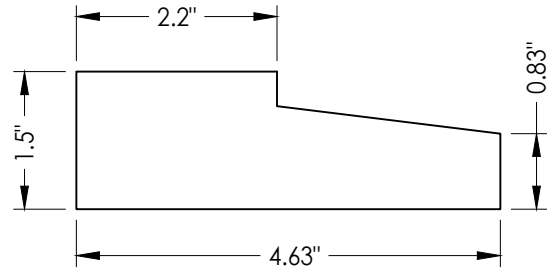
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) 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
11	MULLION LVL REINFORCEMENT	LVL
14	#8 X 1-14" 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	-

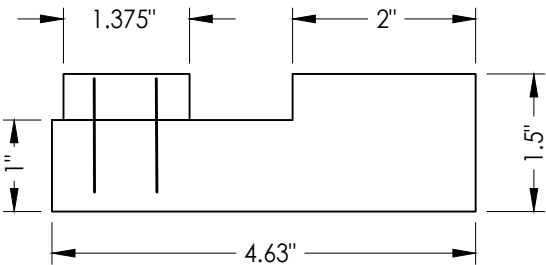
WOOD DOOR FRAME COMPONENTS:
POPLAR: (G = 0.43)



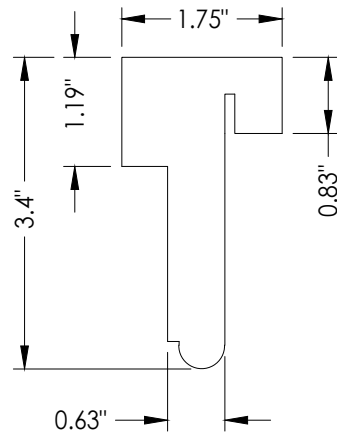
1 WOOD DOOR JAMB



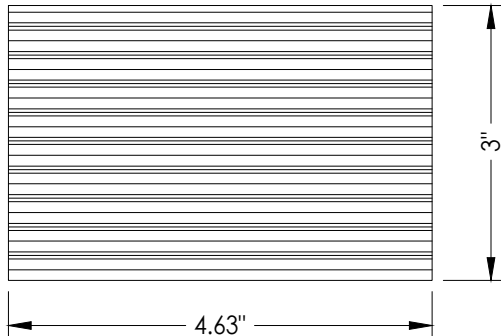
2 WOOD DOOR SILL



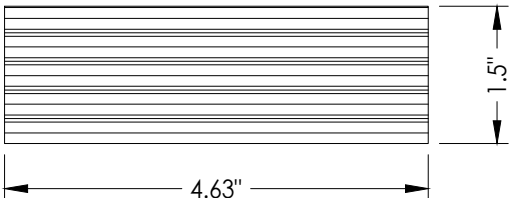
5 WOOD DIRECT SET SIDELITE JAMB



6 ASTRAGAL



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



11 MULLION LVL REINFORCEMENT
VERSA-LAM® 2.1E 3100 LVL
HORIZONTAL

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

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SHEET 12 OF 12