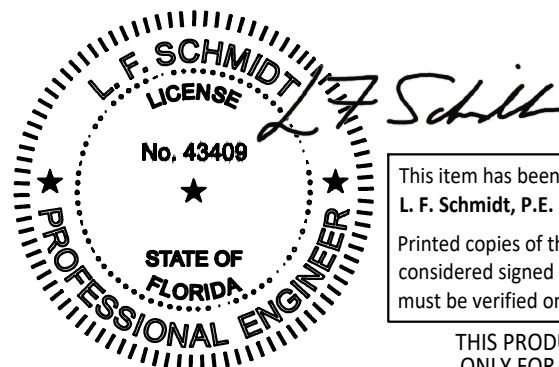


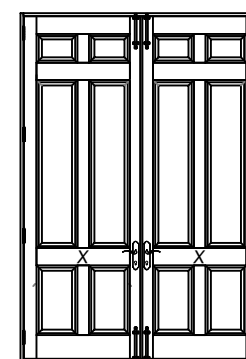


Digitally signed by
Lyndon F Schmidt
Date: 2026.07.20
13:19:34 -04'00'

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

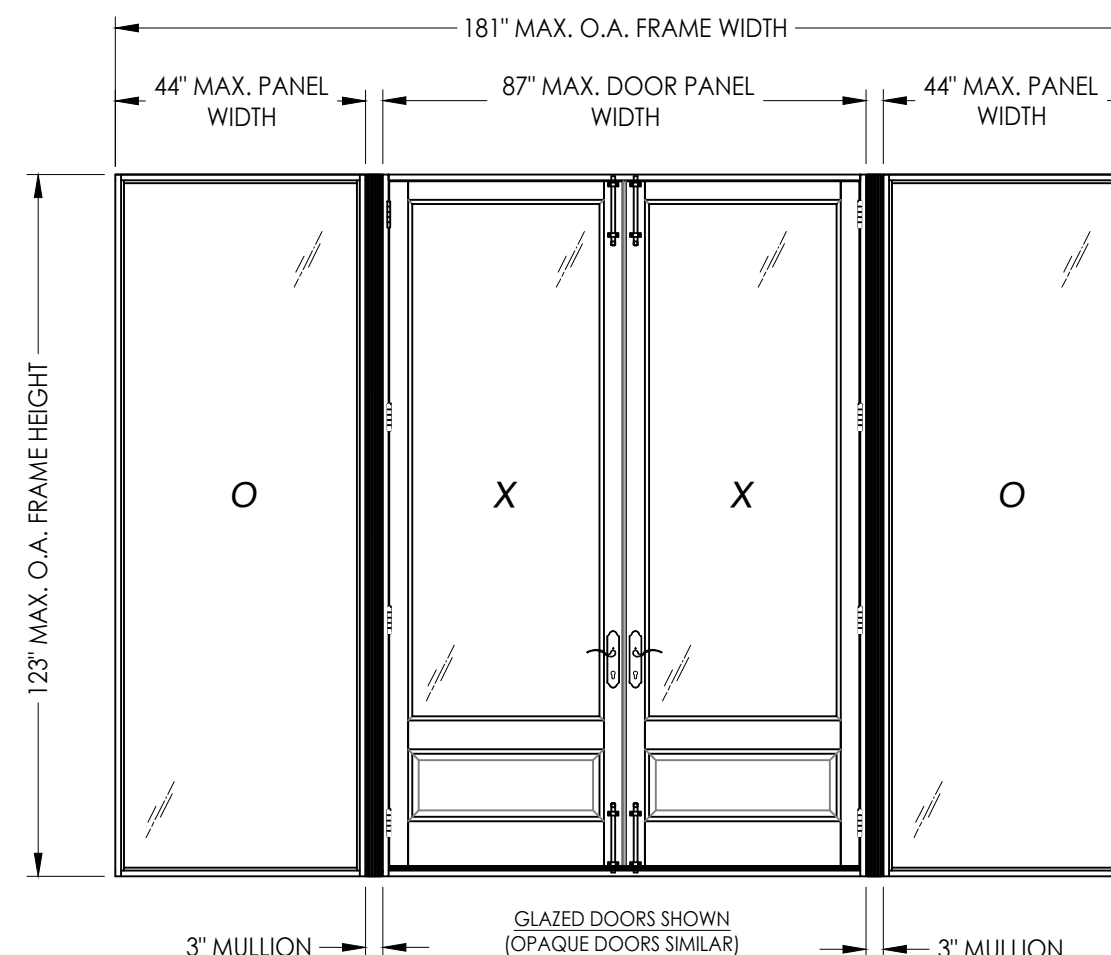


OPAQUE or GLAZED WOOD ENTRY DOOR
DOUBLE w/ or w/out SIDELITES
 INSWING
 "IMPACT"

GENERAL NOTES

1. 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).
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 includes Wind Zone 3 as defined in ASTM E1996.
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	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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF, IN SWING	
		POSITIVE	NEGATIVE
XX	87.0" x 123.0"	+50.0	-50.0
OXXO	181.0" x 123.0"	+50.0	-50.0

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

PRODUCT: MW MILLWORKS
WOOD DOOR

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

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

[illegible]

DATE: 1/23/24

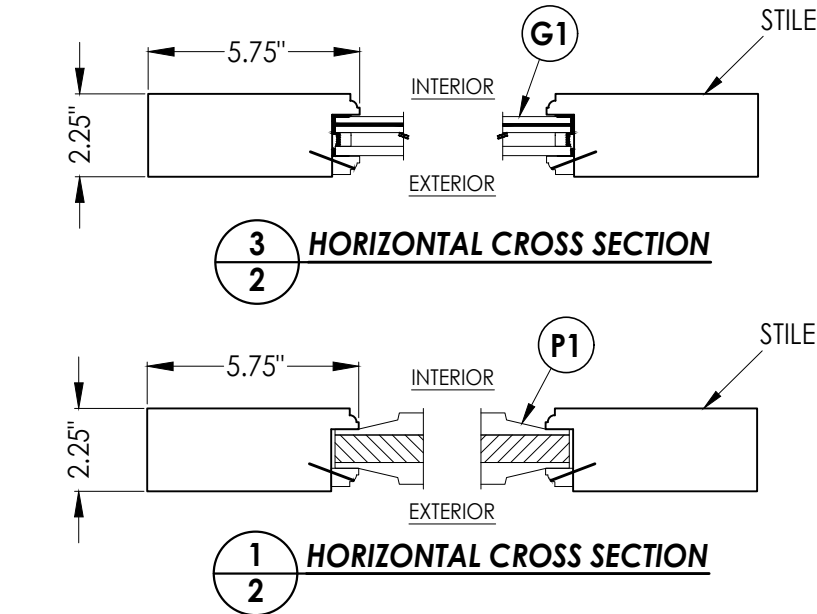
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DWG. BY: *LFS*

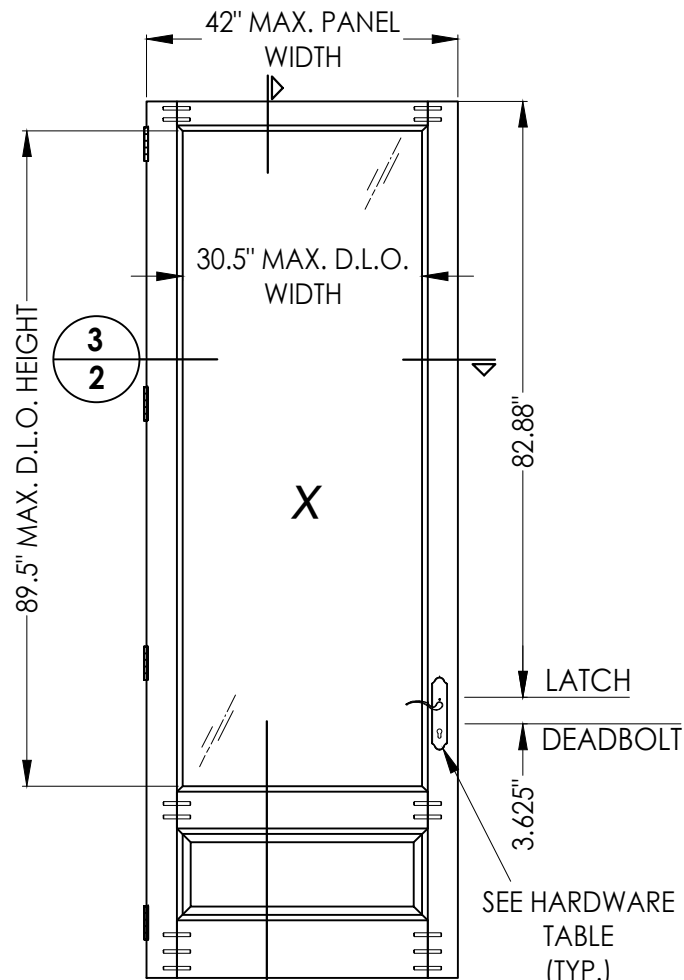
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DRAWING NO.:
FL-41636.6

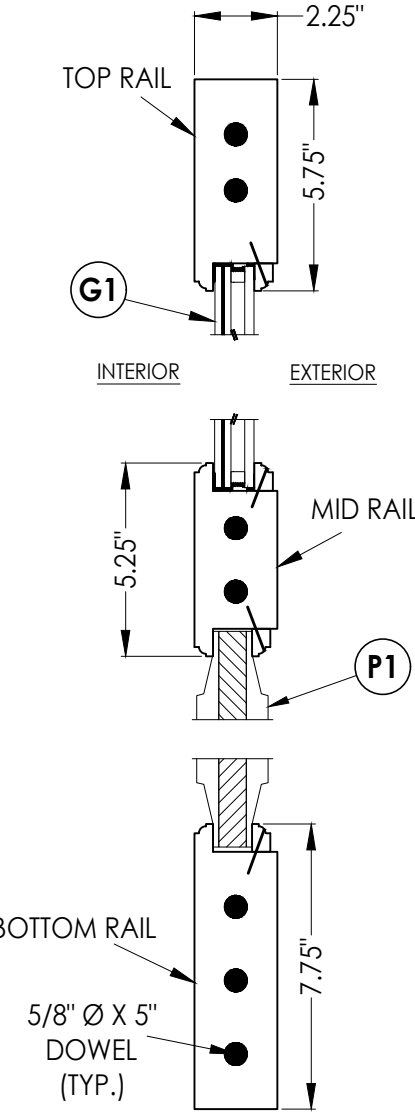
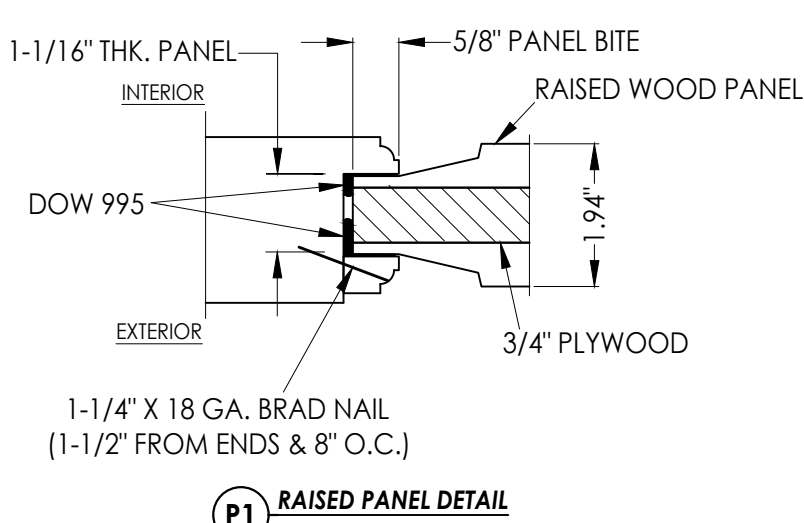
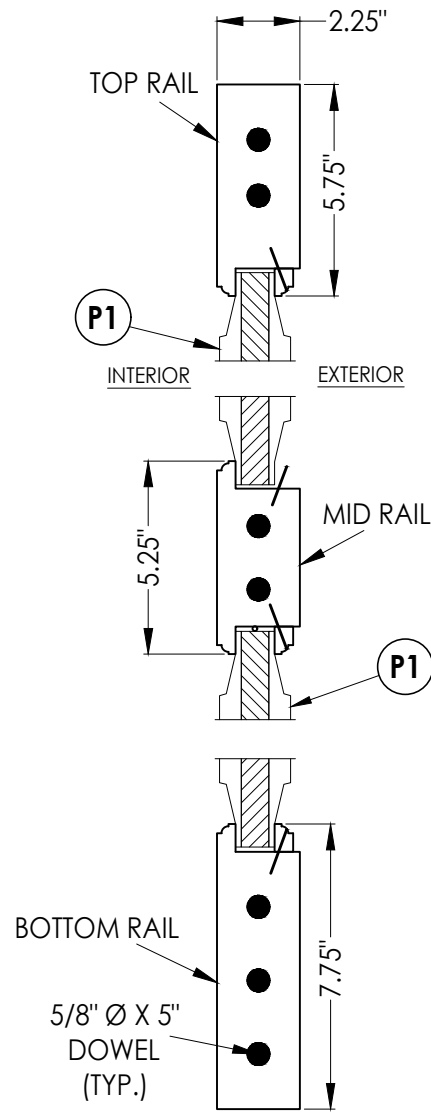
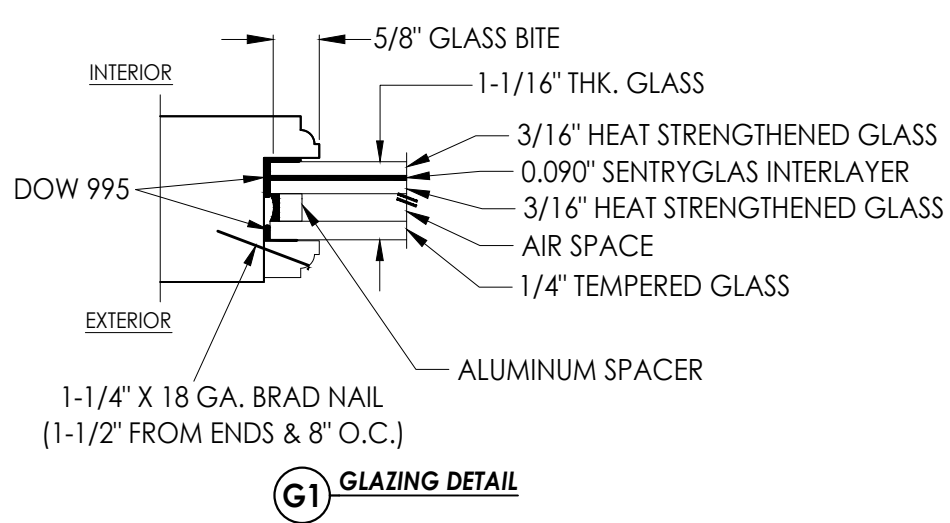
SHEET 1 OF 11



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:
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: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

[illegible]

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

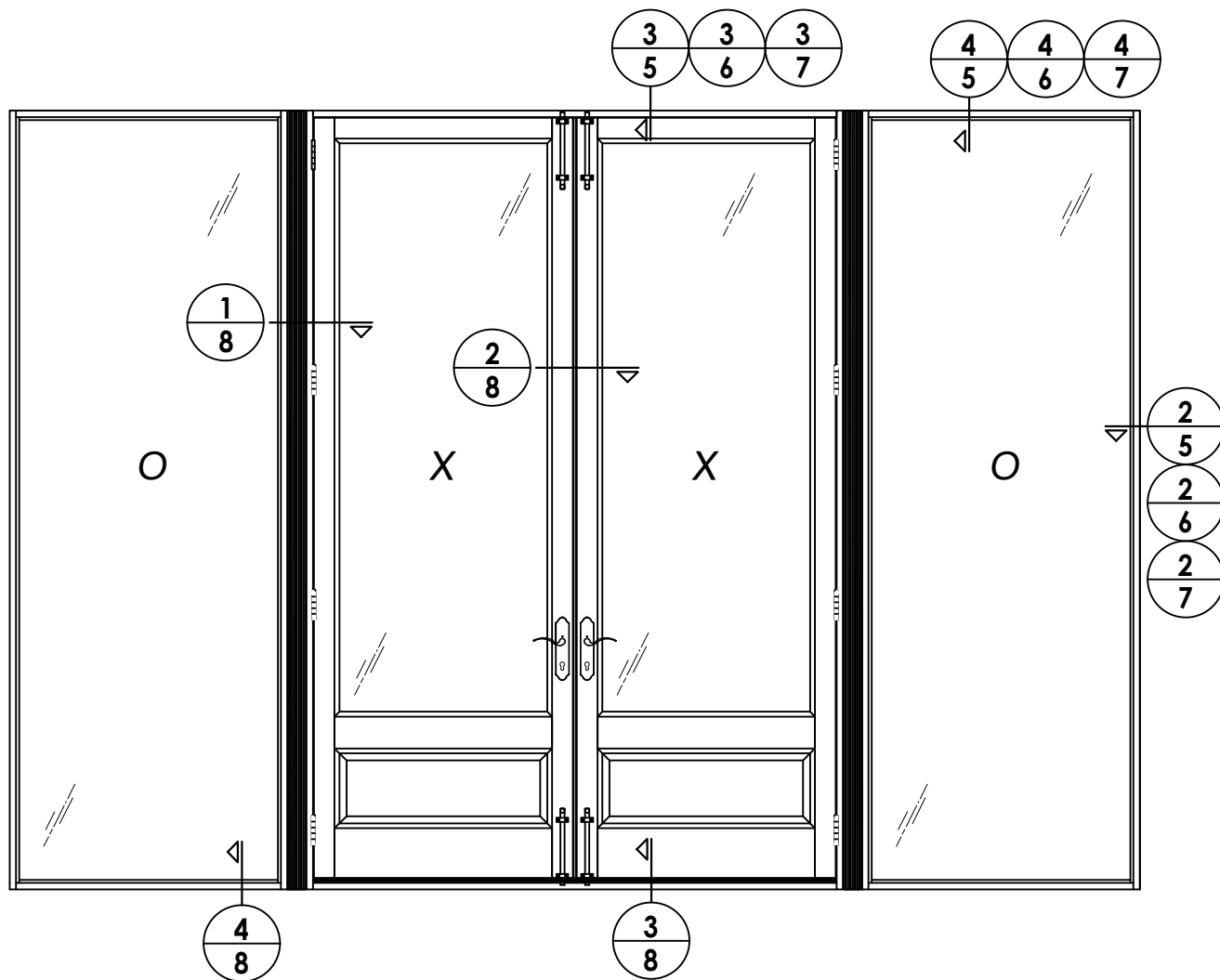
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DRAWING NO.:

FL-41636.6

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

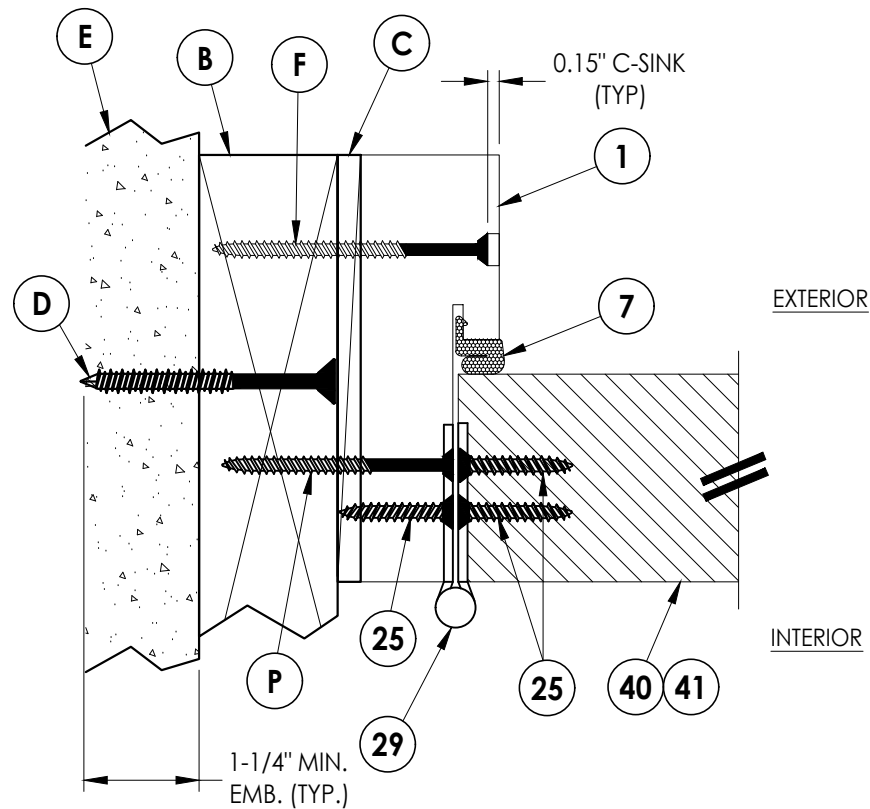
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SHEET 4 OF 11

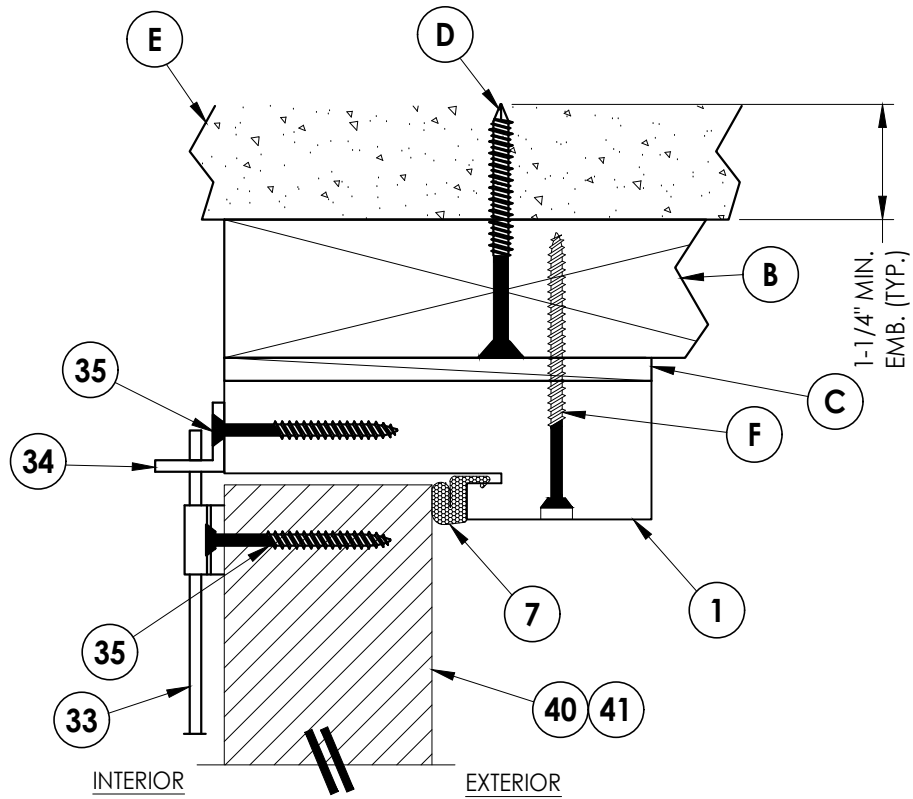
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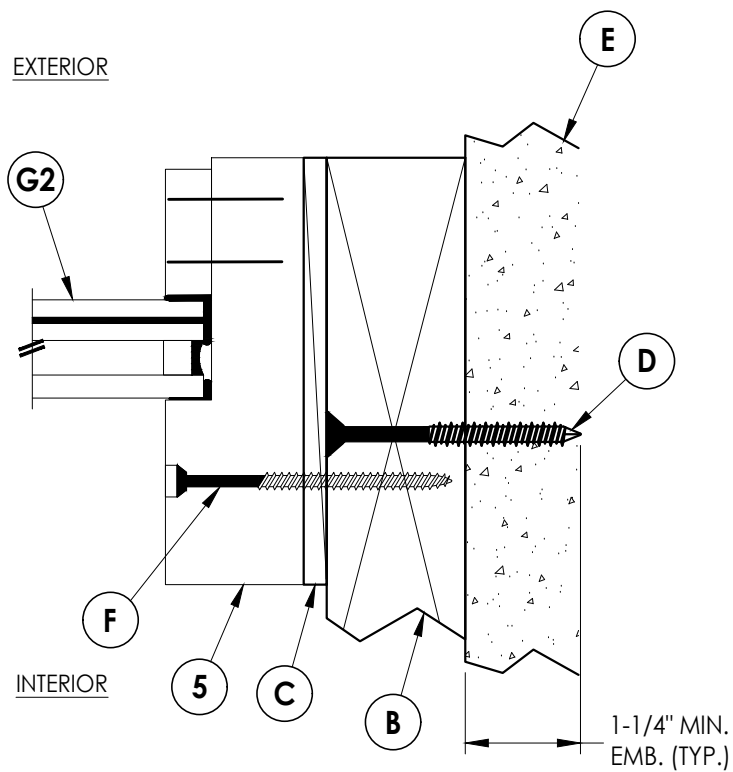
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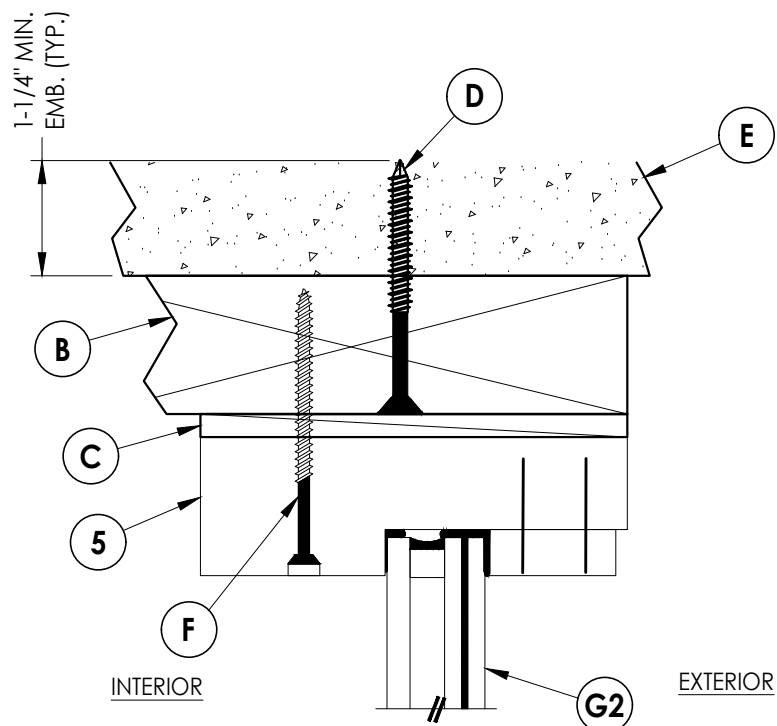
1 5 **HORIZONTAL CROSS SECTION** 2X Buck Construction



3 VERTICAL CROSS SECTION 5 2X Buck Construction



2 HORIZONTAL CROSS SECTION
5 2X Buck Construction



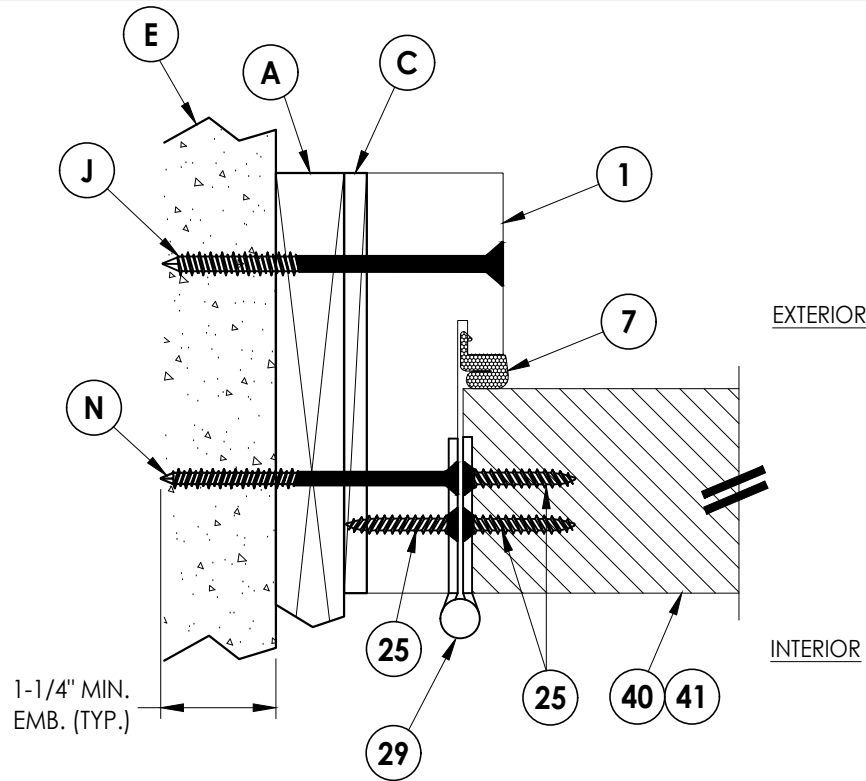
4 VERTICAL CROSS SECTION

5 2X Buck Construction

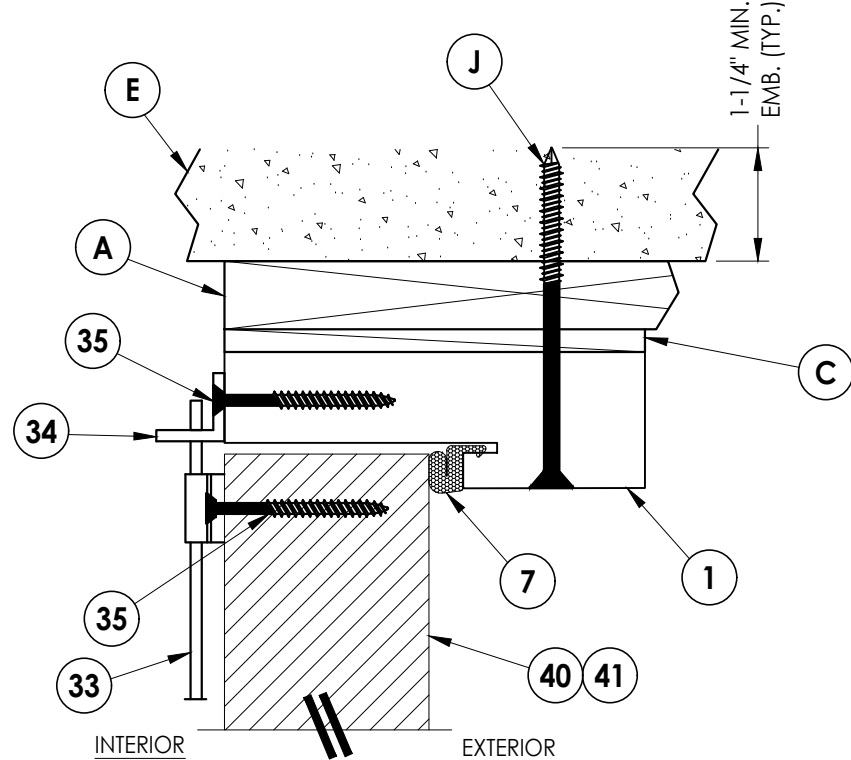
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

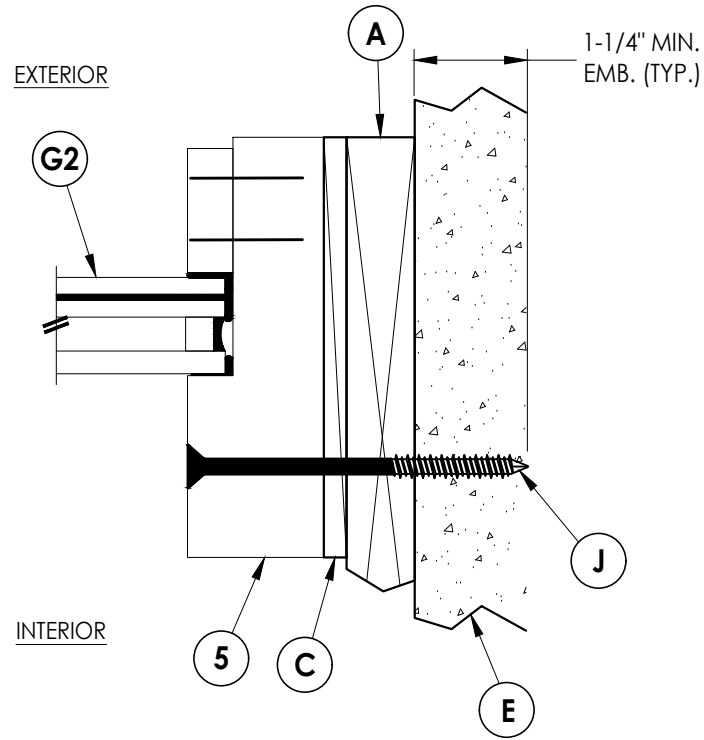
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



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

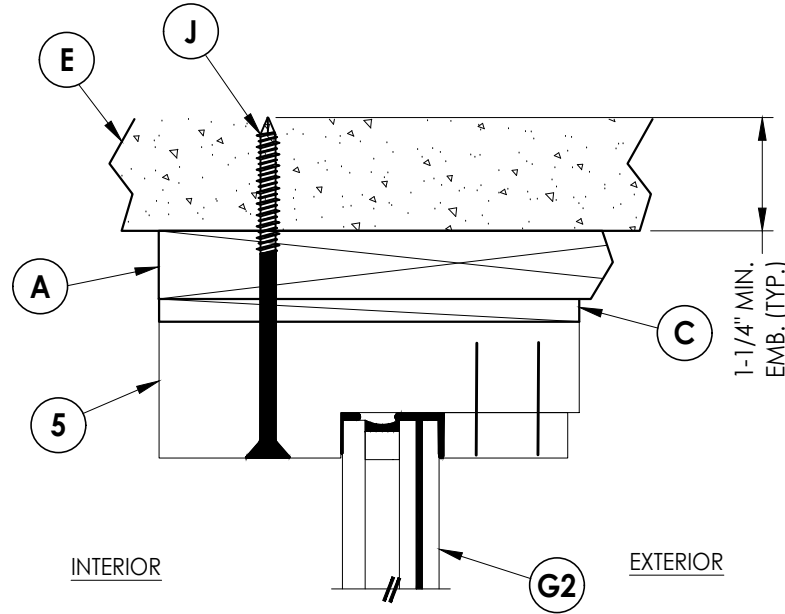


3 **VERTICAL CROSS SECTION**
6 1X Buck Construction



2 HORIZONTAL CROSS SECTION

6 1X Buck Construction



4 VERTICAL CROSS SECTION
6 1X Buck Construction

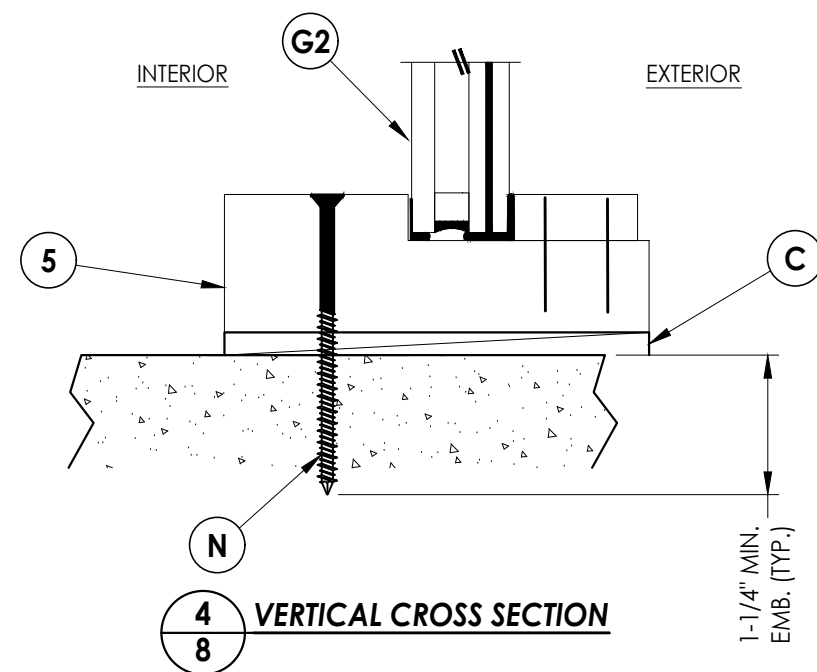
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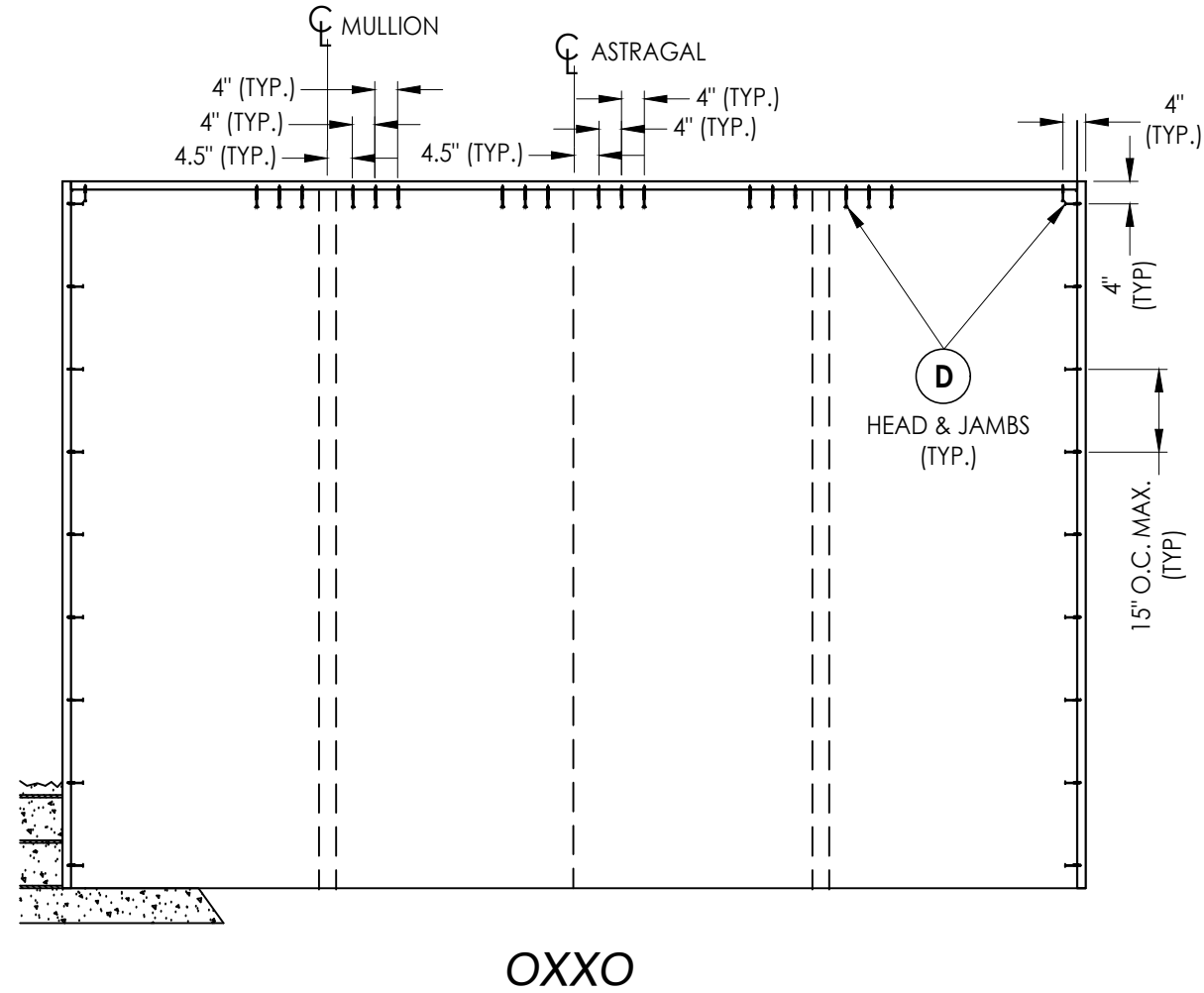
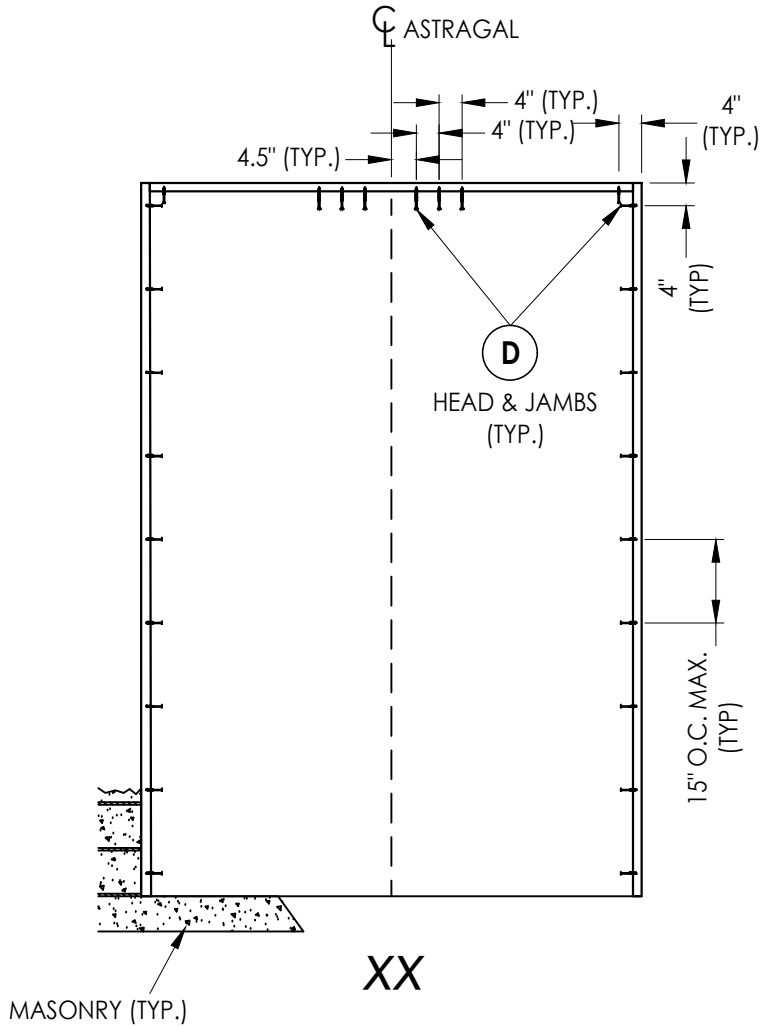
Diagram illustrating the vertical cross section of a door assembly, showing the interior and exterior views. The diagram includes the following components and callouts:

- INTERIOR** (Left side)
- EXTERIOR** (Right side)
- 33**: Interior trim or weatherstripping.
- 34**: Weatherstripping or seal.
- 35**: Door frame or jamb.
- 36**: Door panel.
- 37**: Door handle or knob.
- 38**: Door latch or lock.
- 39**: Door hinge.
- 40**: Exterior frame or jamb.
- 41**: Exterior door panel.
- 8**: Door handle or knob.
- 2**: Door frame or jamb.
- D**: Door hinge.
- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedment depth of the hinge into the concrete foundation.

3 **VERTICAL CROSS SECTION**
8



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2X BUCK ANCHORING

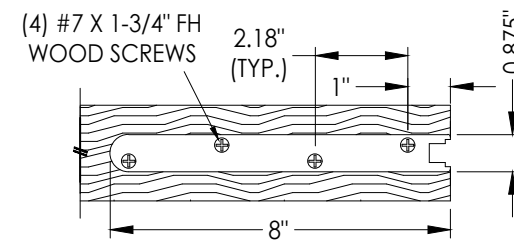
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DWG. BY: LFS		NO.		DATE		FBC		LFS		BY	
CHK. BY: RW		NO.		DATE		FBC		LFS		BY	
DRAWING NO.: FL-41636.6		NO.		DATE		FBC		LFS		BY	
SHEET 9 OF 11		NO.		DATE		FBC		LFS		BY	
REVISIONS		NO.		DATE		FBC		LFS		BY	

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

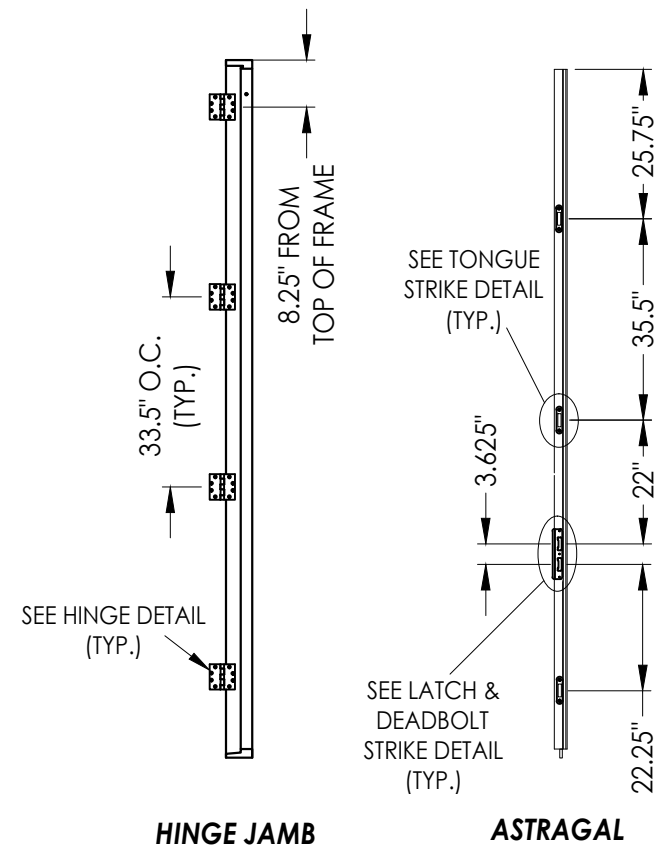
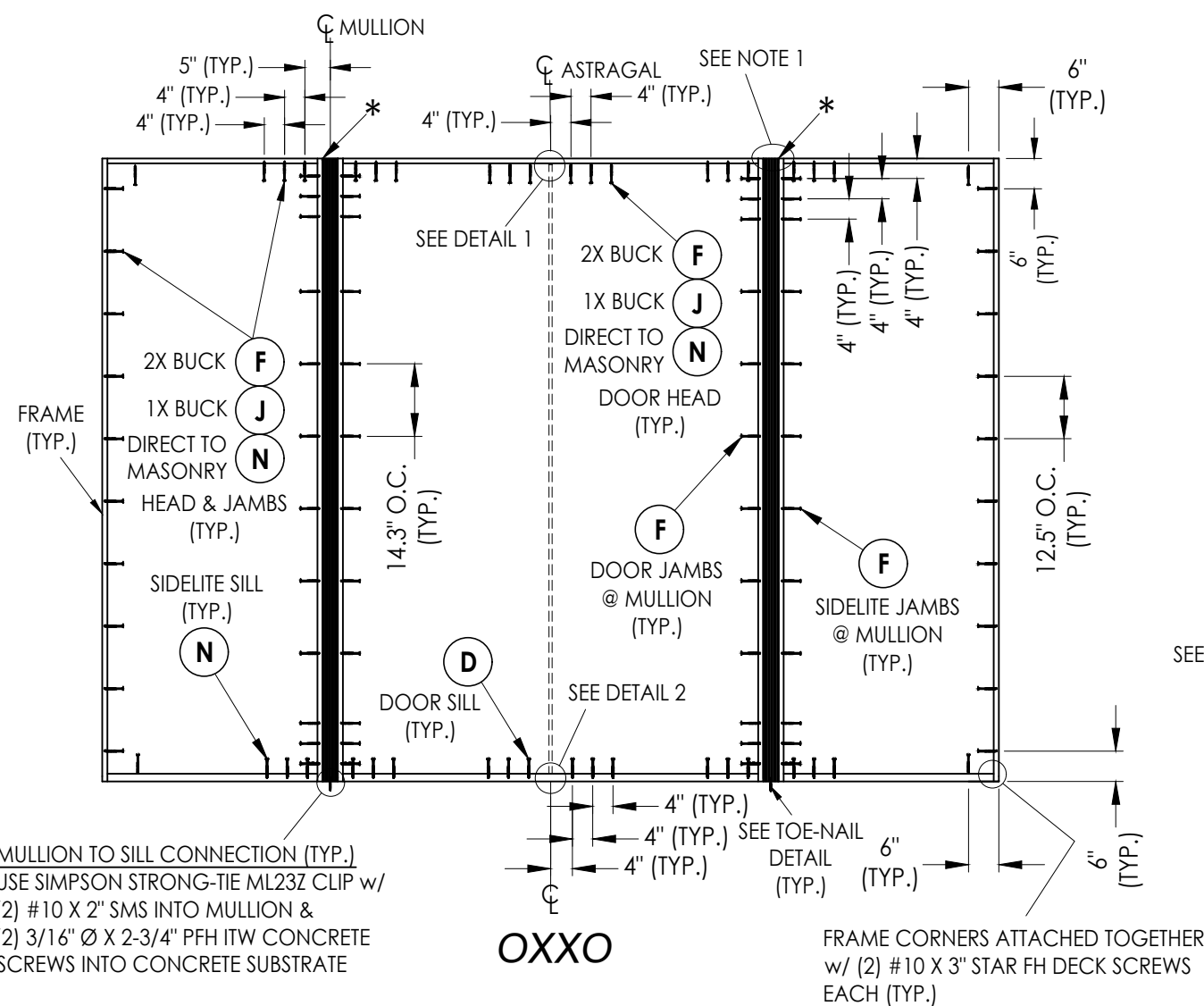
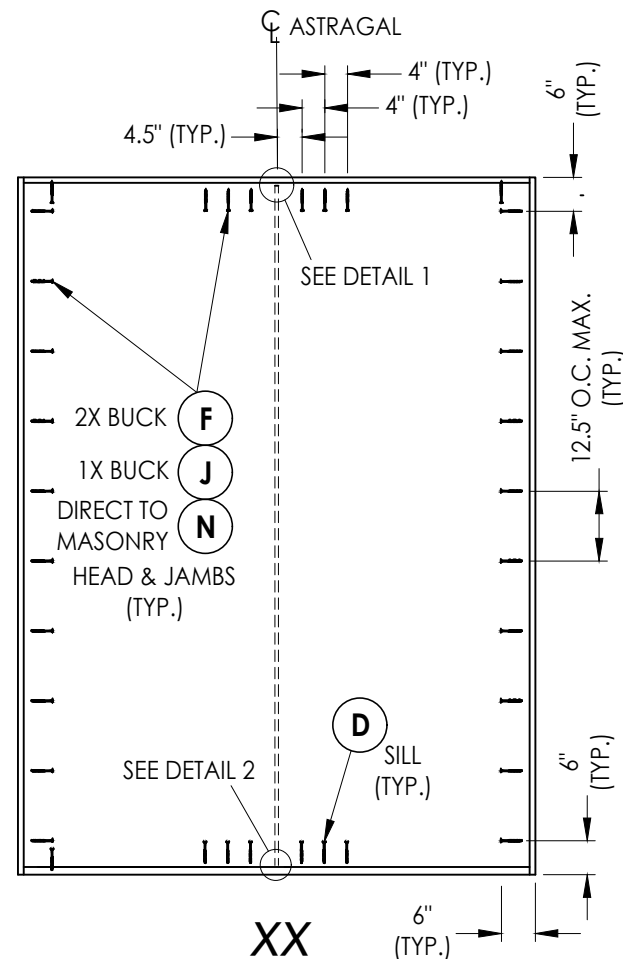
Documents Prepared By:		Lyndon F. Schmidt	
P.E. No. 43409		BUILDING CONSULTANTS, INC.	
P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
FBPE Registry No. 9813		R ^W	

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

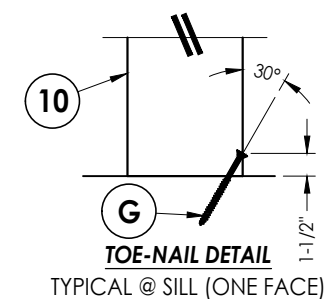
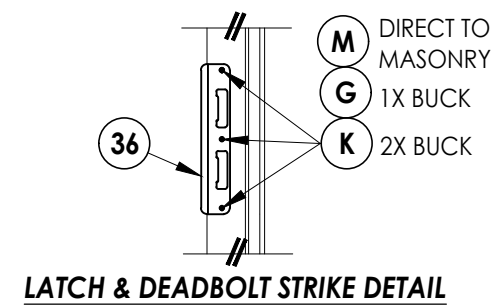
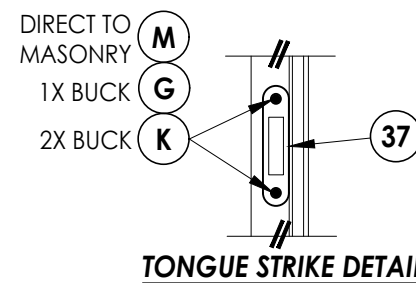
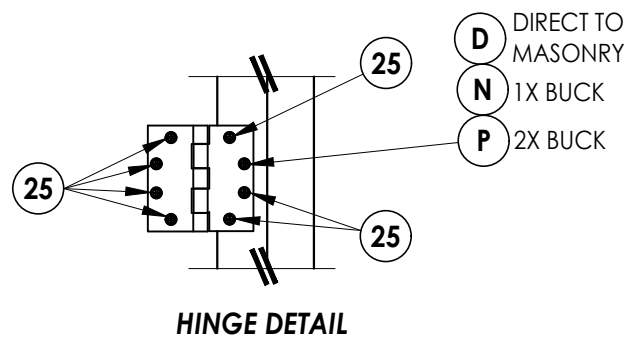
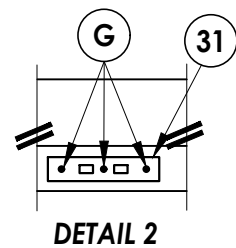
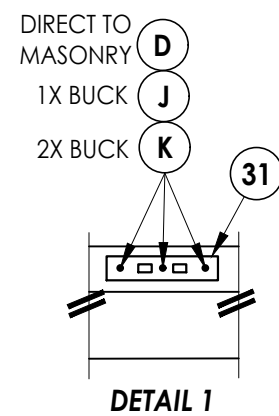
*** MULLION TO HEAD CONNECTION**
USE USP CONNECTORS ML24-TZ CLIP w/
(3) #10 X 2-1/2" SMS INTO MULLION &
(3) #10 X 2-1/2" SMS INTO 2X BUCK OR
(3) 3/16" Ø X 2-3/4" PFH ITW CONCRETE
SCREWS INTO CONCRETE SUBSTRATE.



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



FRAME ANCHORING



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

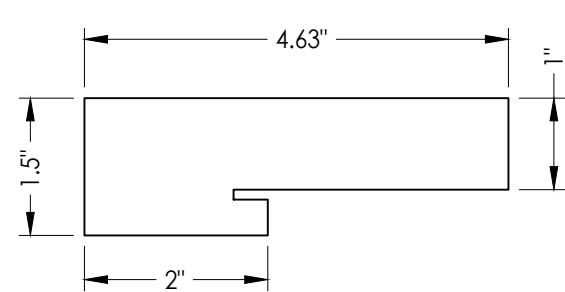
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 1/23/24		PRODUCT: MW MILLWORKS WOOD DOOR	
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41636.6			
SHEET 10 OF 11			
		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
1	7/01/26	UPDATE TO 9TH ED. (2026)	LFS
NO.	DATE		BY
			REVISIONS

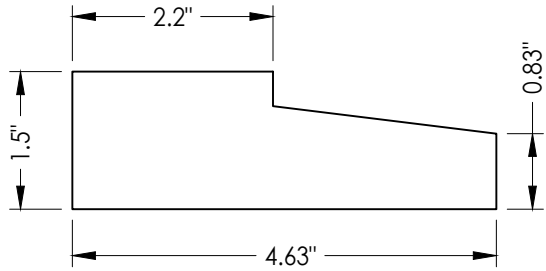
Z:\2023 FBC Drawings\Wood-On dba MW Millworks\FL-41636 R2\FL-41636.6.dwg

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	-

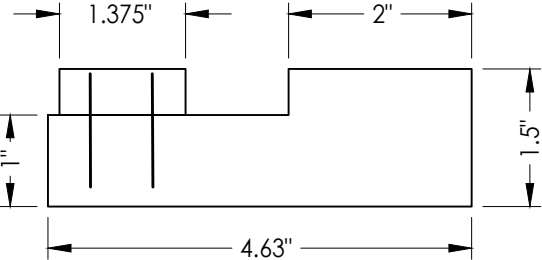
WOOD DOOR FRAME COMPONENTS:
POPLAR: (G = 0.43)



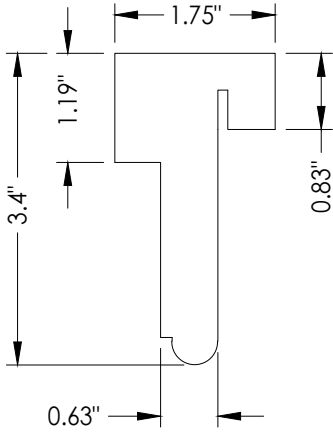
1 WOOD DOOR JAMB



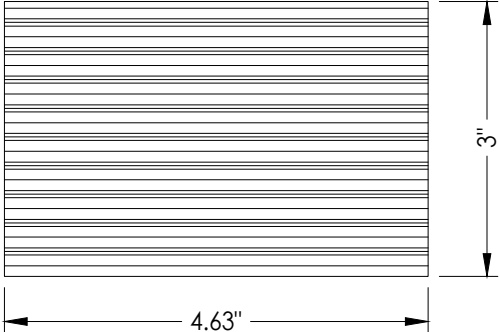
2 WOOD DOOR SILL



5 WOOD DIRECT SET SIDELITE JAMB



6 ASTRAGAL



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

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:
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: MW MILLWORKS
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 1/23/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41636.6

SHEET 11 OF 11