

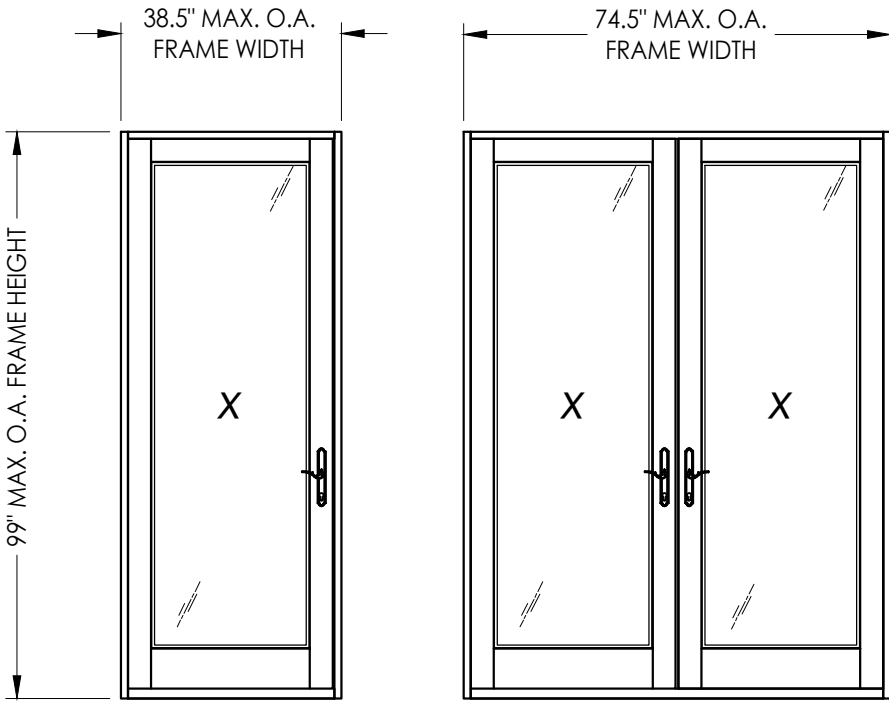


GLAZED WOOD ENTRY DOOR
SINGLE or DOUBLE
INSWING
"IMPACT"

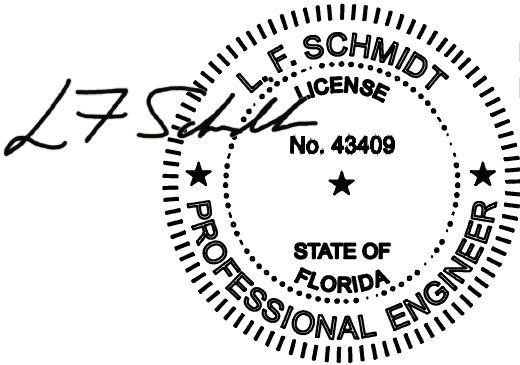
GENERAL NOTES

- 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	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Buck Anchoring
8	Frame Anchoring & Hardware Details
9	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	38.5" x 99.0"	+50.0	-50.0
XX	74.5" x 99.0"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.20 11:08:31 -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

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

UPSTATE DOOR
WOOD DOOR

DATE: 3/05/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46620.4

SHEET 1 OF 9

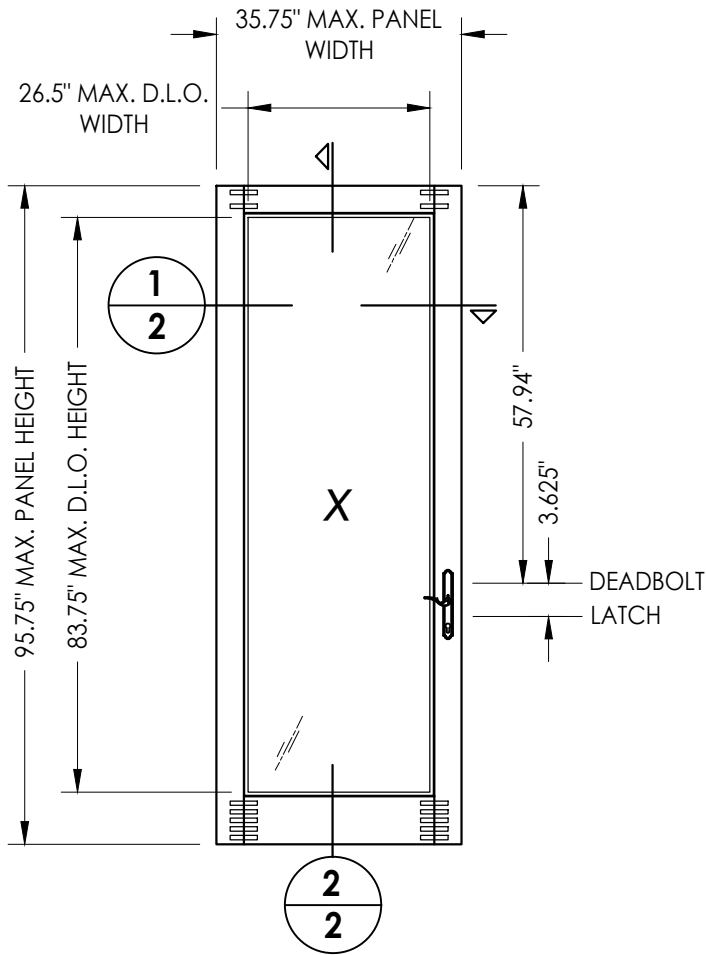
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

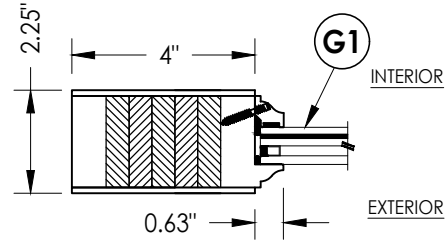
7/01/26 UPDATE TO 9TH ED. (2026) FBC

REVISIONS

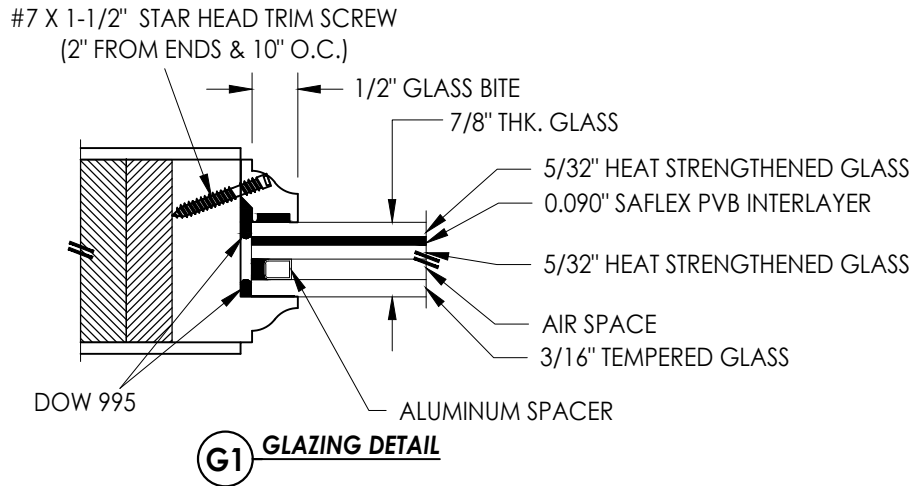
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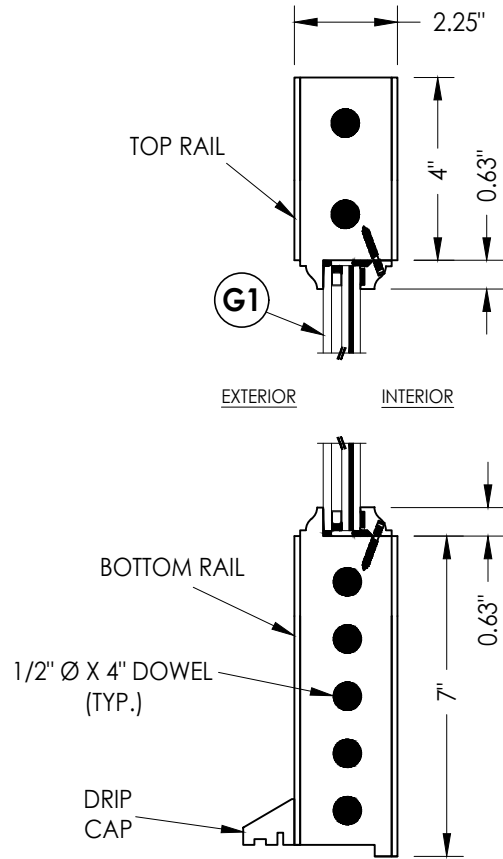
40 GLAZED DOOR PANEL
UPSTATE DOOR



1 HORIZONTAL CROSS SECTION
2



HARDWARE TABLE	
MANUFACTURER	MODEL
GU	MULTIPOINT HARDWARE: ACTIVE : TONGUE/SHOOTBOLT INACTIVE: SHOOTBOLT



2 VERTICAL CROSS SECTION
2

WOOD PANEL COMPONENTS:
AFRICAN MAHOGANY: (G = 0.50)

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: UPSTATE DOOR
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 3/05/24

SCALE: N.T.S.

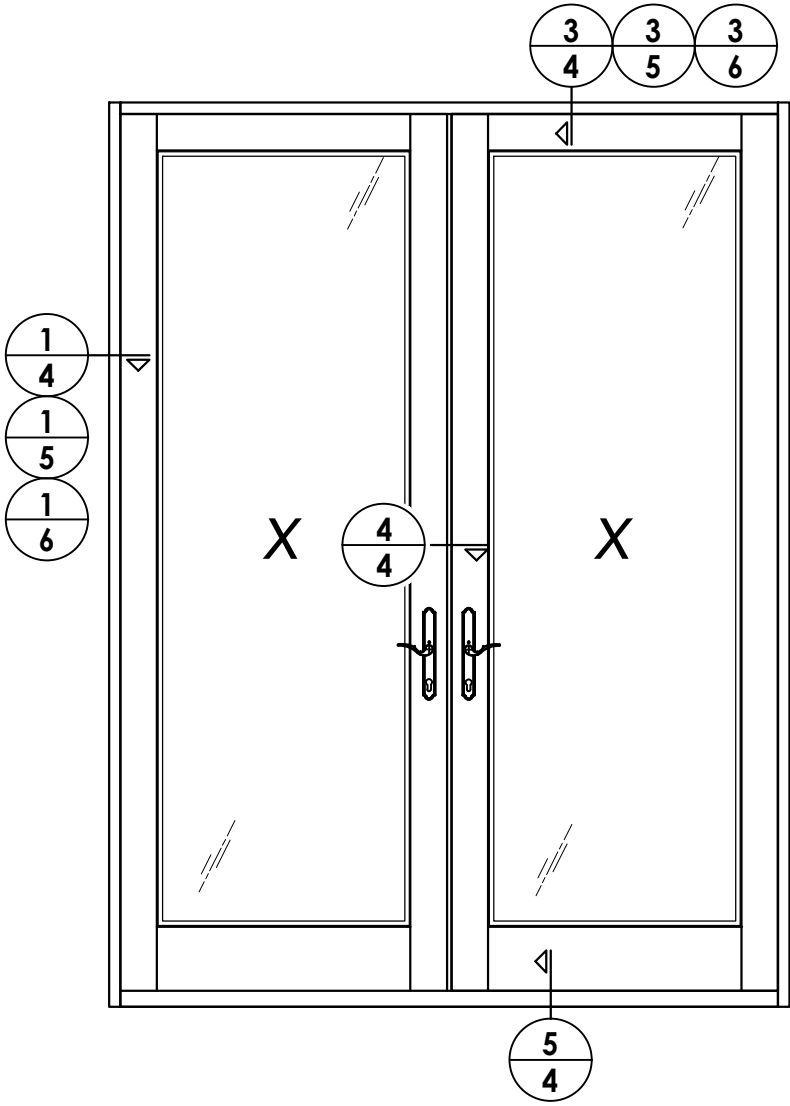
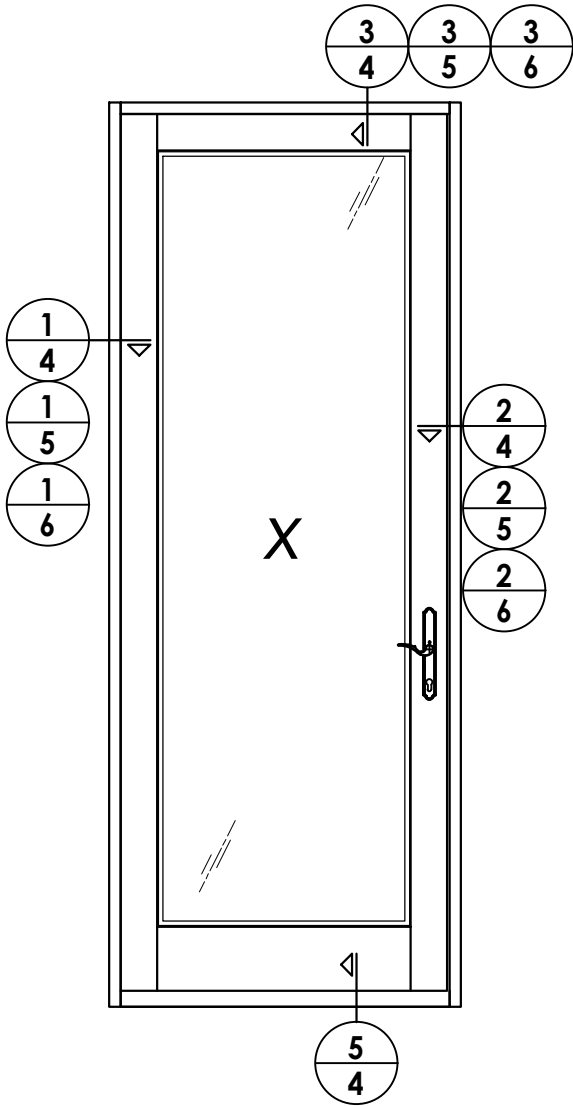
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CHK. BY: RW

DRAWING NO.:

FL-46620.4

SHEET 2 OF 9

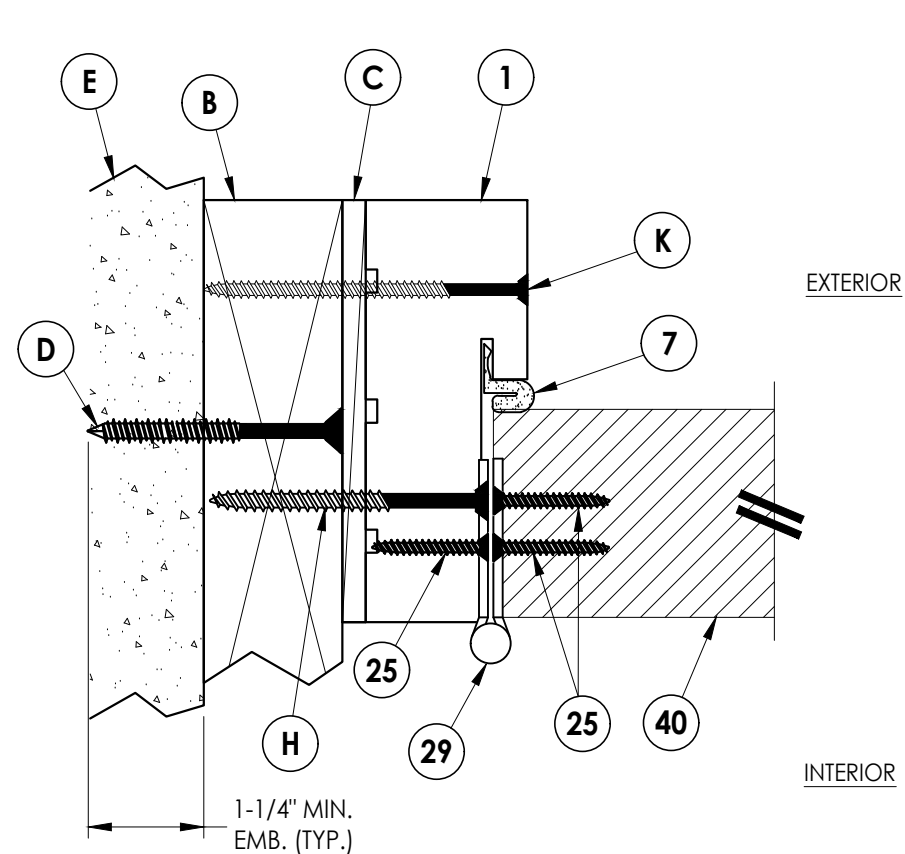


DATE: 3/05/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-46620.4
SHEET 3 OF 9

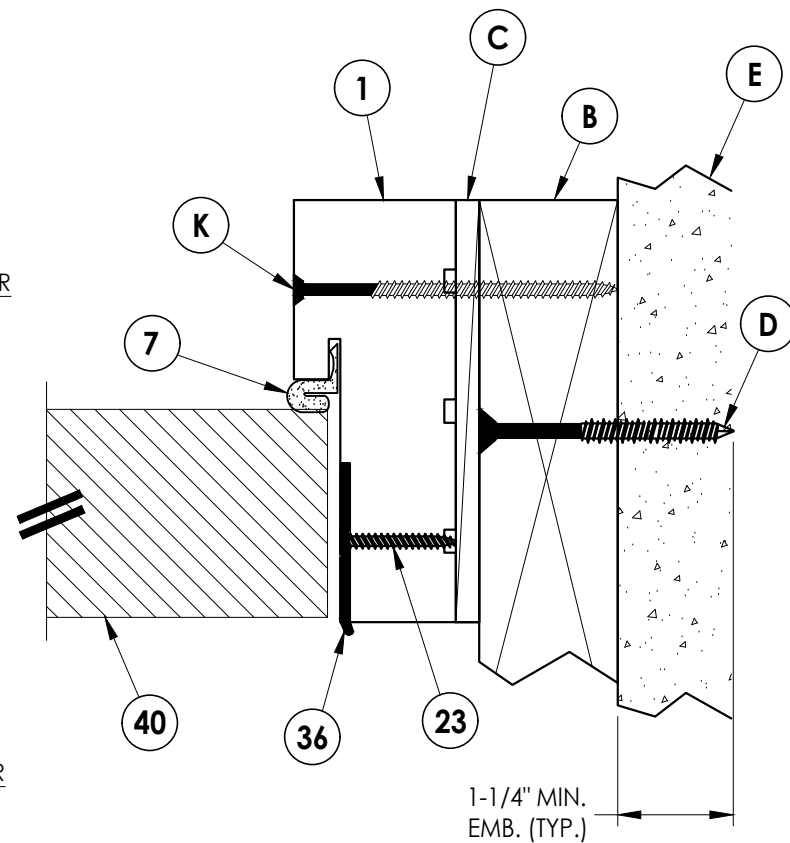
NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

PRODUCT: UPSTATE DOOR
WOOD DOOR
PART OR ASSEMBLY:
ELEVATIONS

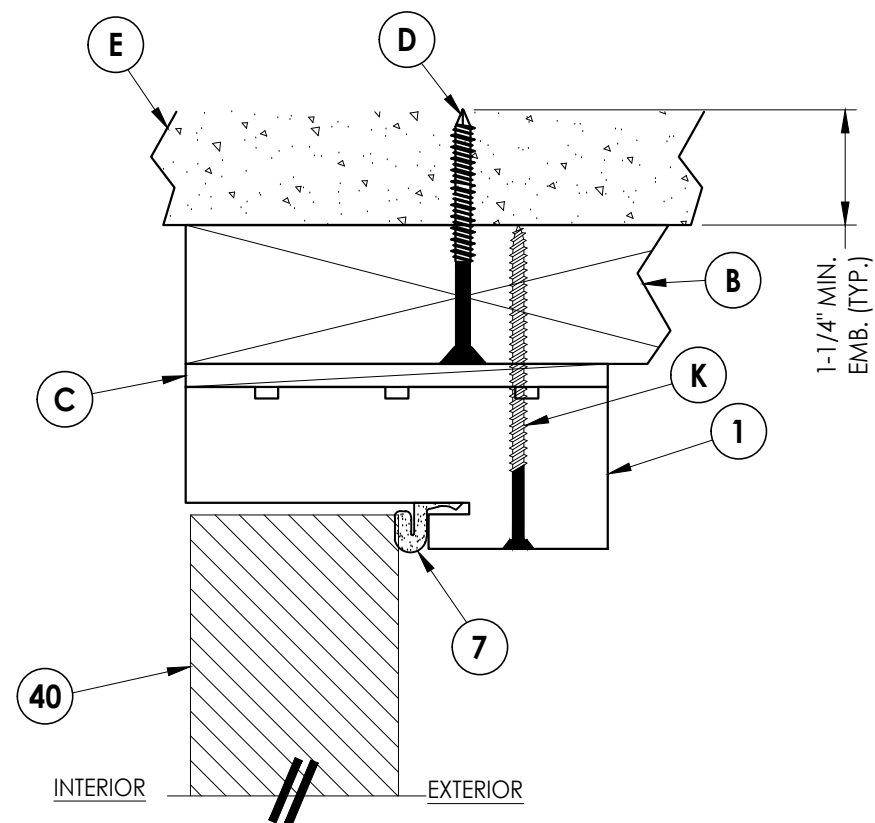
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Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



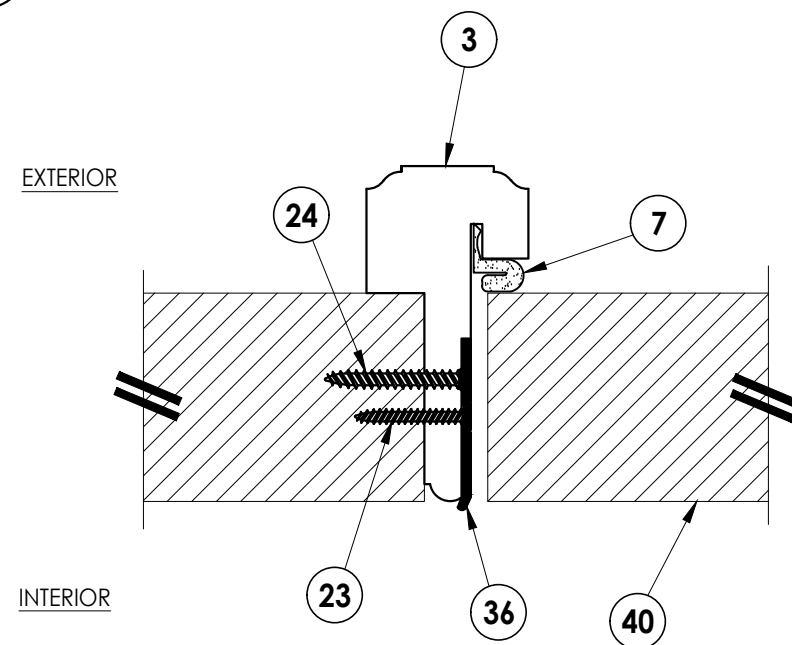
1 4 **HORIZONTAL CROSS SECTION** 2X Buck Construction



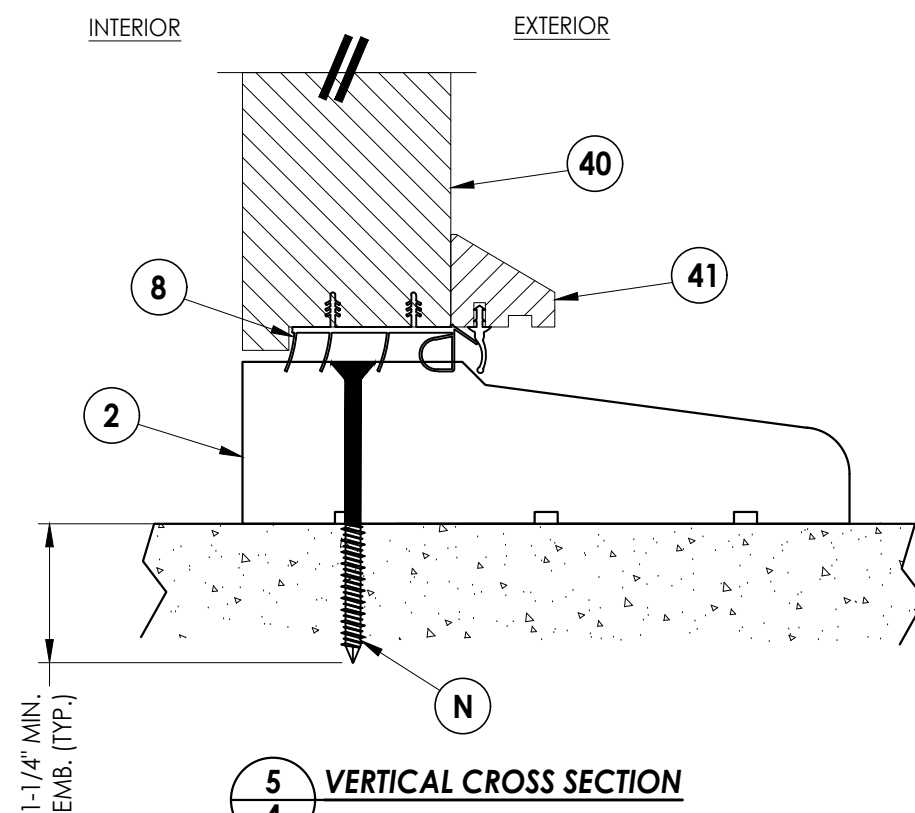
2 **HORIZONTAL CROSS SECTION**
4 2X Buck Construction



3 VERTICAL CROSS SECTION



4 **HORIZONTAL CROSS SECTION**



5 4 VERTICAL CROSS SECTION

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

DATE: 3/05/24

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-46620.4

SHEET 4 OF 9

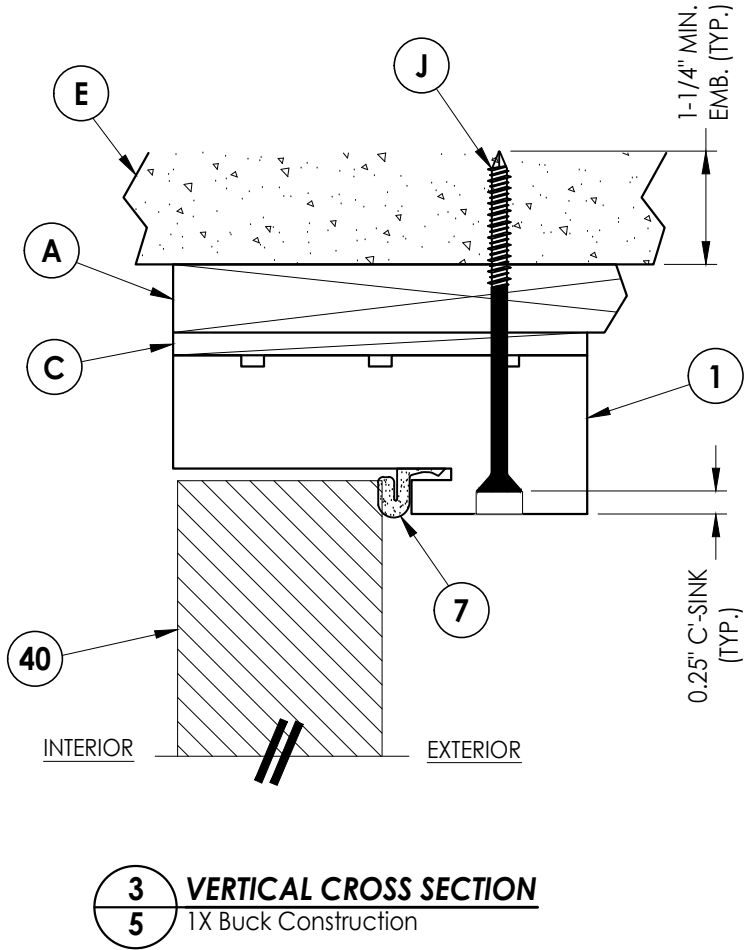
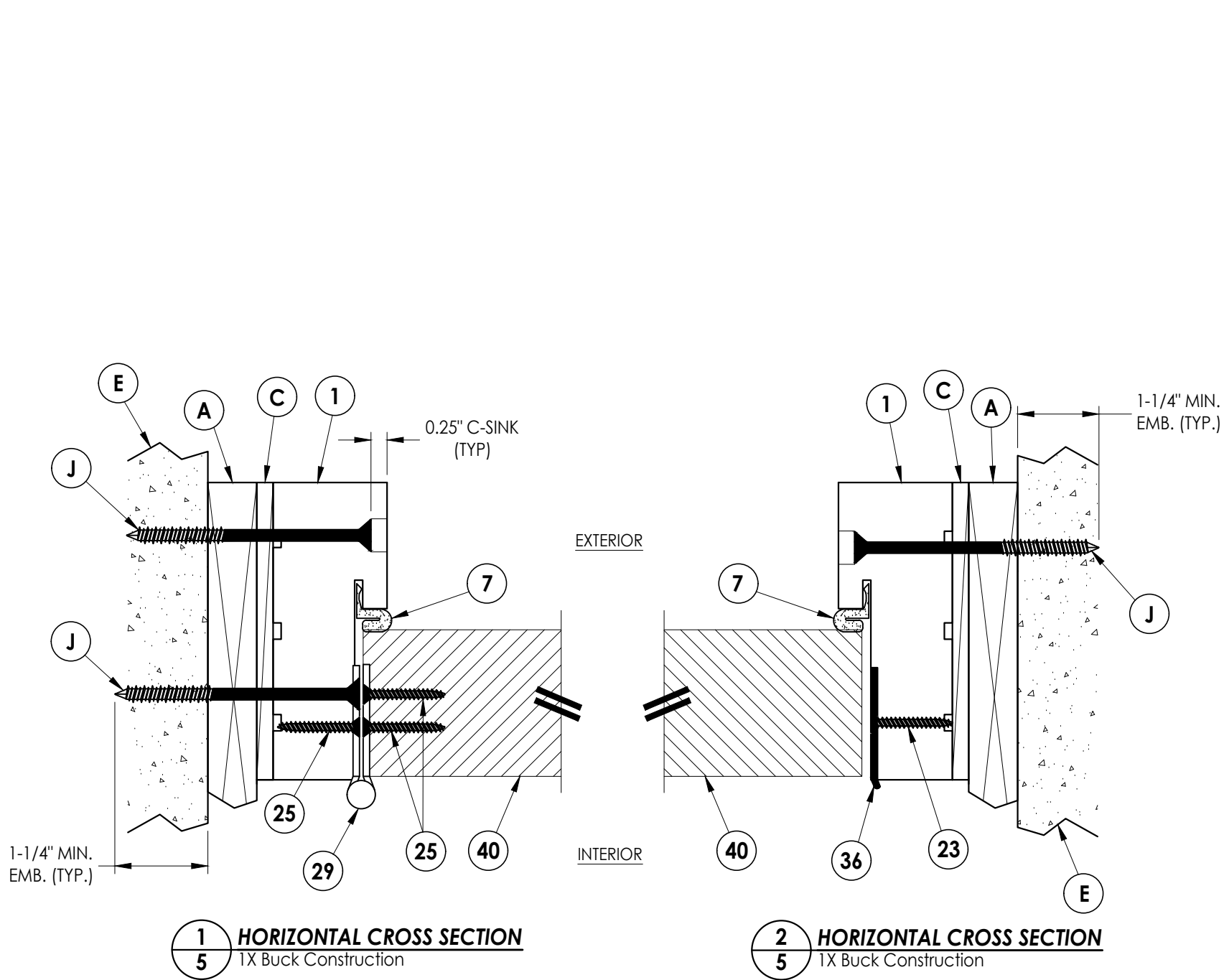
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PAR BUILDING CONSULTANTS, INC.

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

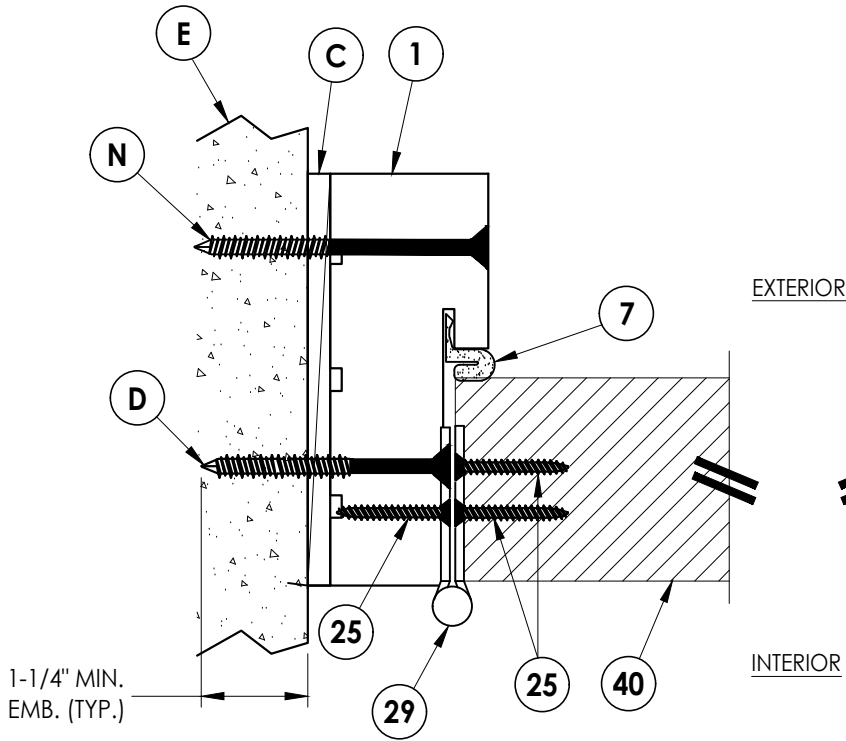
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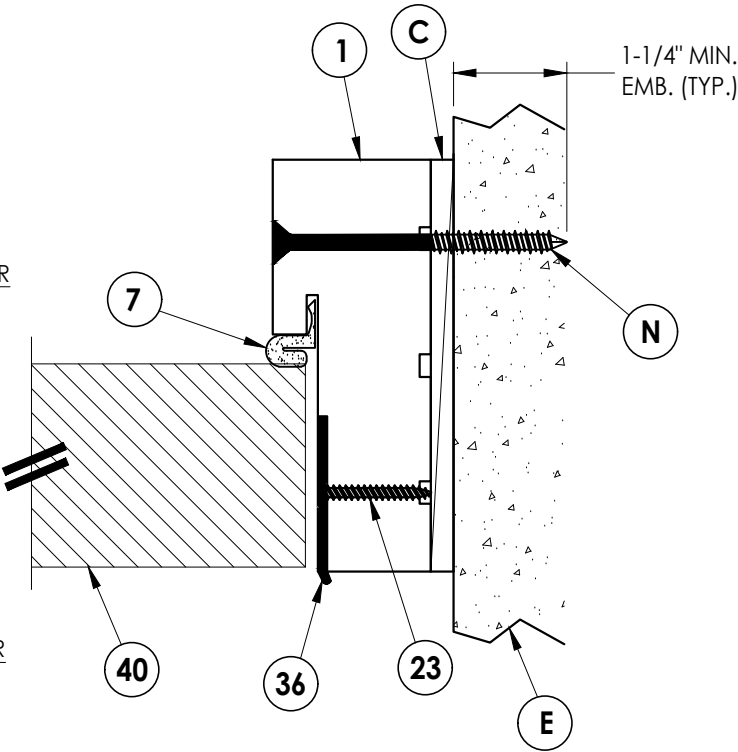


DATE: 3/05/24				SHEET 5 OF 9	
SCALE: N.T.S.				DRAWING NO.: FL-46620.4	
DWG. BY: LFS				CHK. BY: RW	
1 7/01/26 UPDATE TO 9TH ED. (2026) FBC				REVISIONS	
NO. DATE				BY	
LFS				LFS	
PRODUCT: UPSTATE DOOR WOOD DOOR				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
Documents Prepared 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	

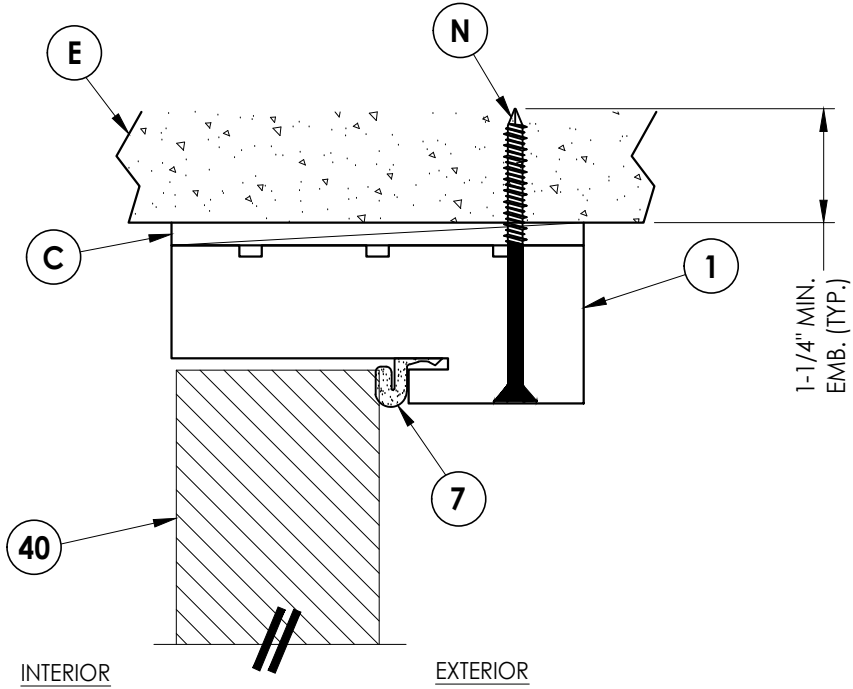
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1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry



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



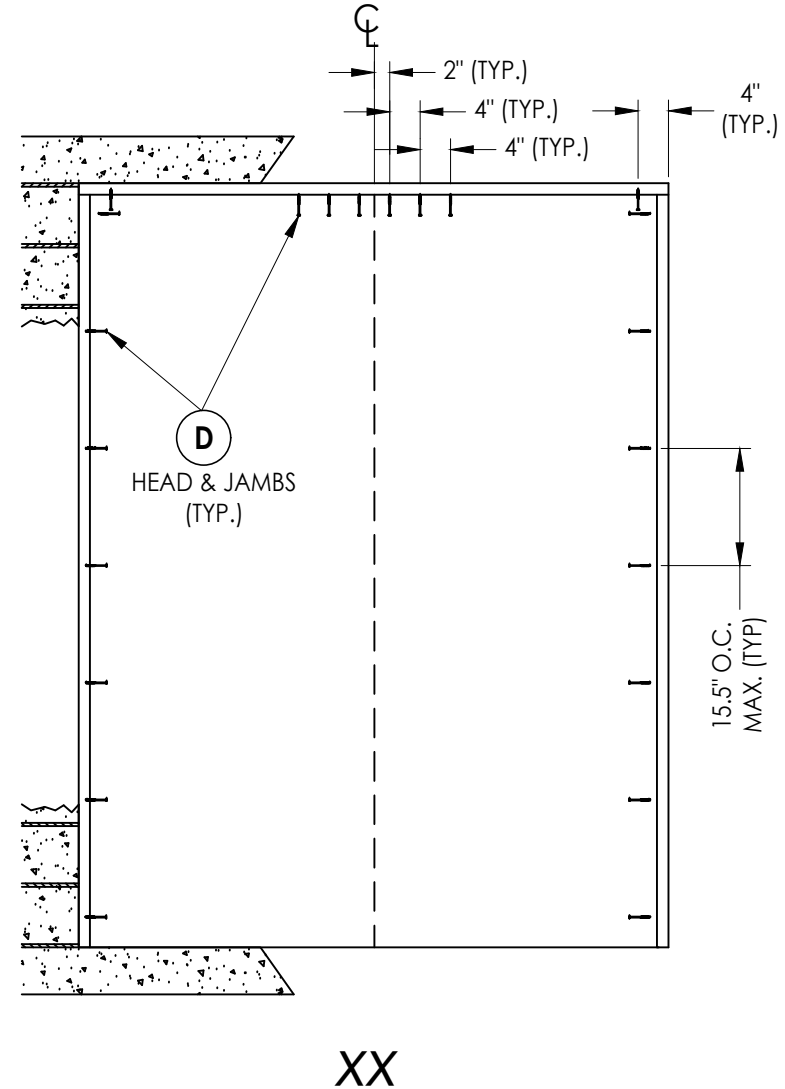
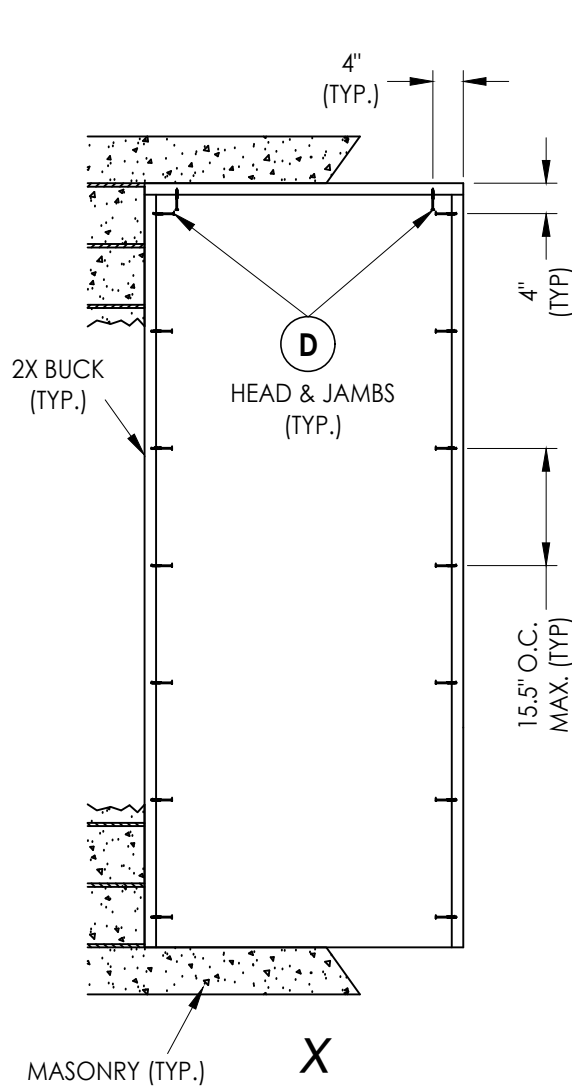
3
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry

DATE:	3/05/24	
SCALE:	N.T.S.	
DWG. BY:	LFS	
CHK. BY:	RW	
DRAWING NO.:	FL-46620.4	
SHEET	6	OF 9

PRODUCT:	UPSTATE DOOR WOOD DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

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



2X BUCK ANCHORING

DATE: 3/05/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46620.4

SHEET 7 OF 9

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

PRODUCT:	UPSTATE DOOR WOOD DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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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 CONFORMING TO ASTM C90	CONCRETE
H	#12 X 3" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 3-1/2" STAR FH DECK SCREW	STEEL
N	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
P	#10 X 2-1/2" PFH SMS	STEEL
Q	3/16" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
R	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
1	DOOR JAMB	WOOD
2	DOOR SILL	WOOD
3	ASTRAGAL	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
23	#8 X 1" PFH WOOD SCREW	STEEL
24	#12 X 1-1/2" PFH WOOD SCREW	STEEL
25	#12 X 1-1/4" PFH WOOD SCREW	STEEL
29	4.5" X 4.5" HINGE	BRASS
31	SHOOTBOLT STRIKE PLATE (1" X 4" X 0.075")	STEEL
36	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
37	MULTIPOINT TONGUE STRIKE PLATE	STEEL
40	DOOR PANEL	WOOD
41	DOOR DRIP CAP w/ SWEEP	WOOD/VINYL

WOOD DOOR FRAME COMPONENTS:
AFRICAN MAHOGANY: (G = 0.50)

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.

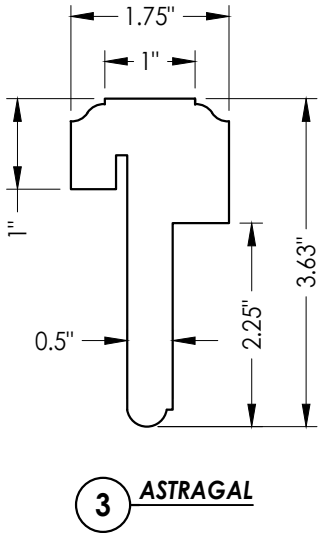
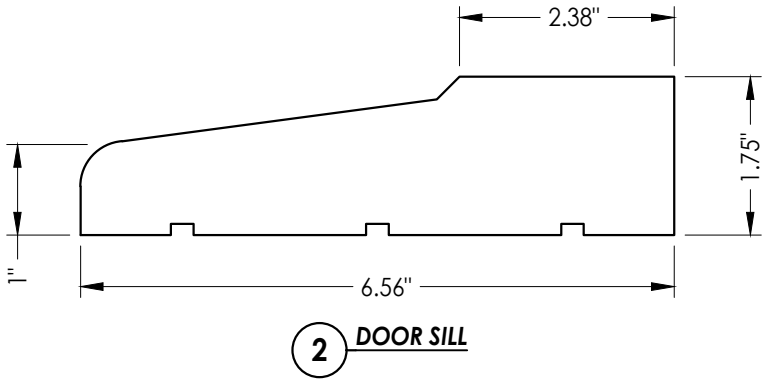
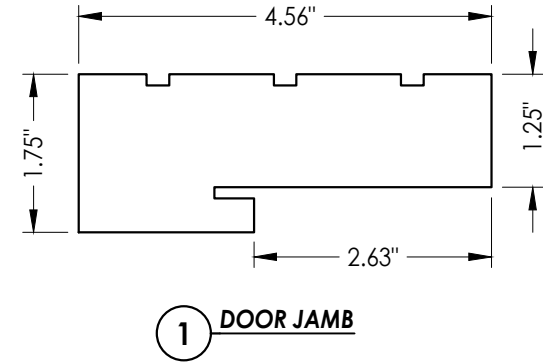
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]