

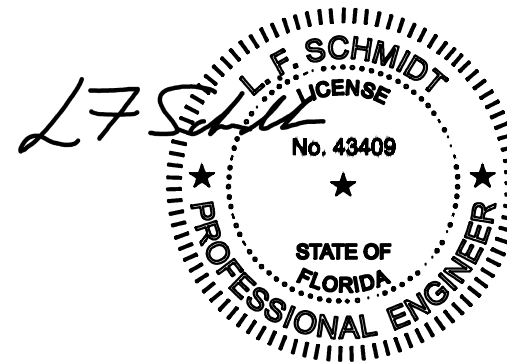


GLAZED FIBERGLASS ENTRY DOORS
SINGLE
INSWING
"NON-IMPACT"

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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 ("J" Door)
3	Door Panel Details ("L" Door)
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Buck & Frame Anchoring
8	Bill of Materials & Components

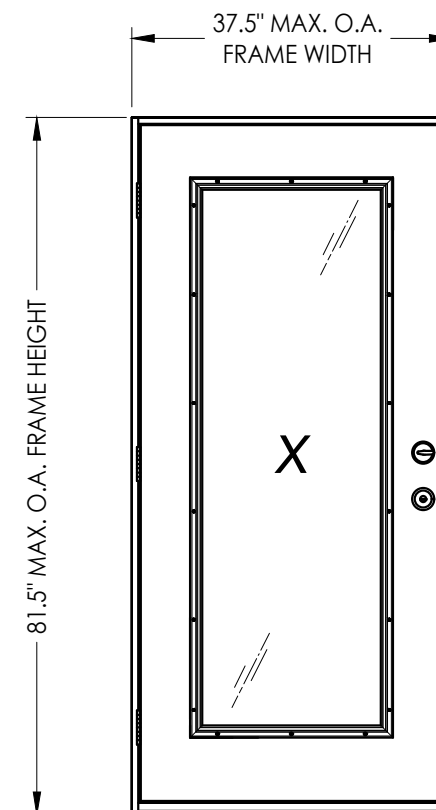


Digitally signed by
Lyndon F Schmidt
Date: 2024.06.25
08:43:21 -04'00'

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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.5" x 81.5"	+45.0	-45.0

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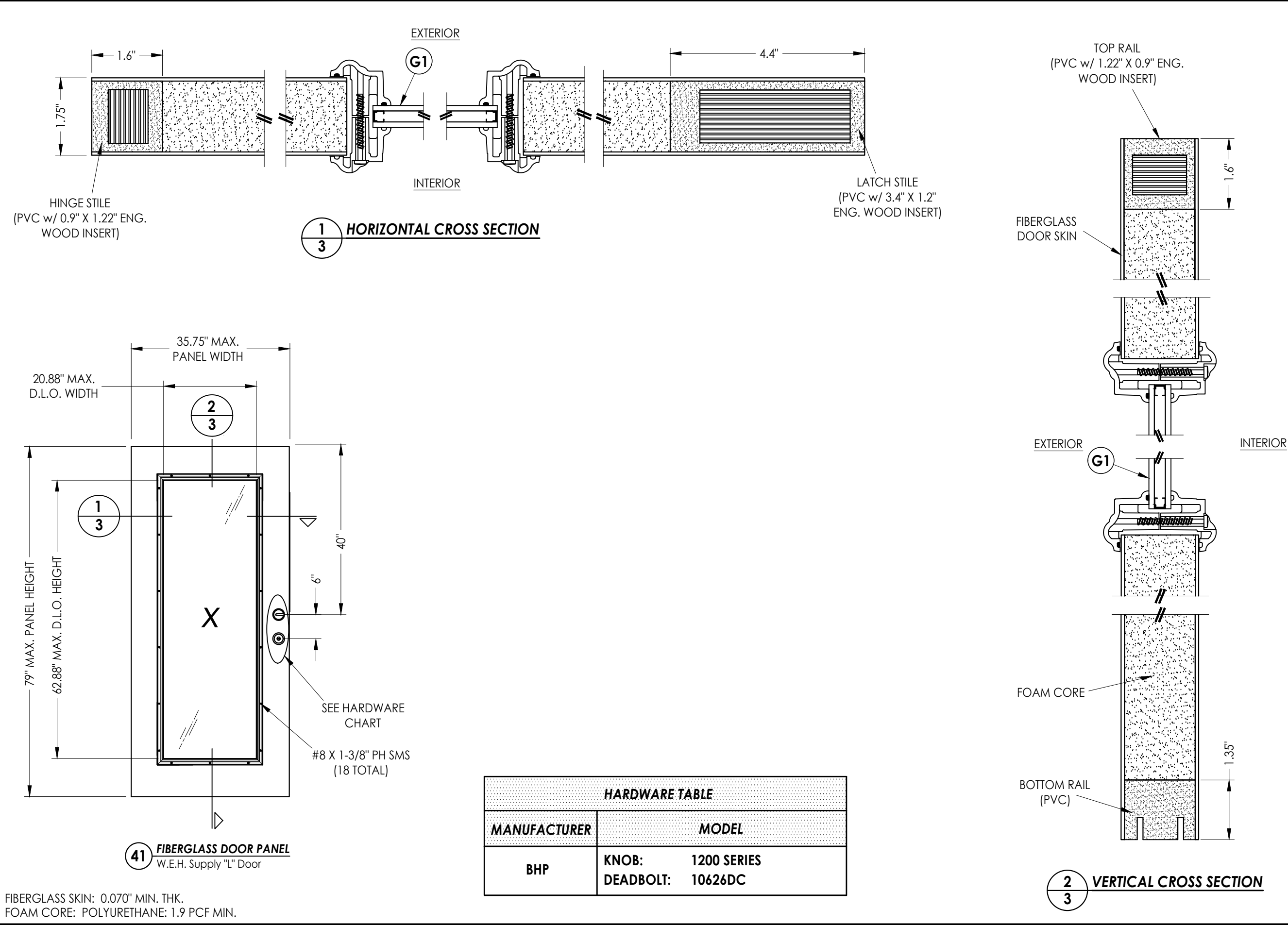
Technical drawings of the door assembly showing hinge stile, lock block, and latch stile with dimensions and labels.

Labels and Dimensions:

- HINGE STILE (WOOD)
- 1.75"
- 1.35"
- EXTERIOR
- G1
- INTERIOR
- 2.75"
- 1.35"
- LOCK BLOCK (WOOD - 18" LONG)
- LATCH STILE (WOOD)

2 VERTICAL CROSS SECTION

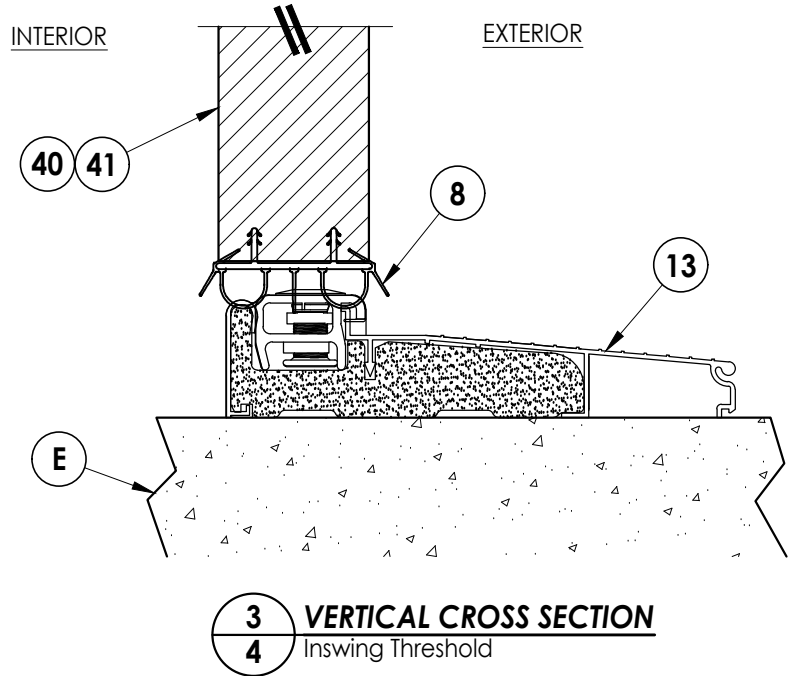
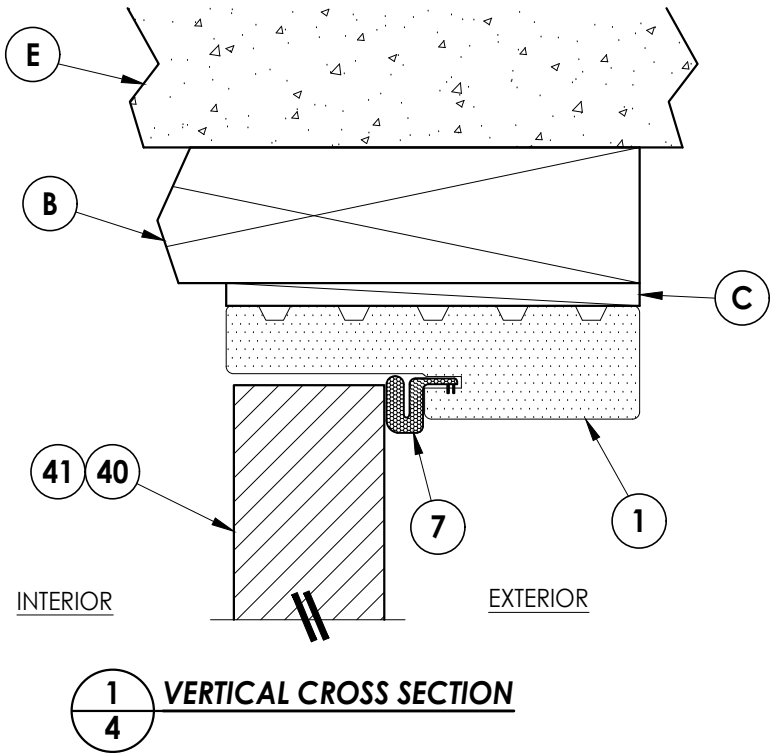
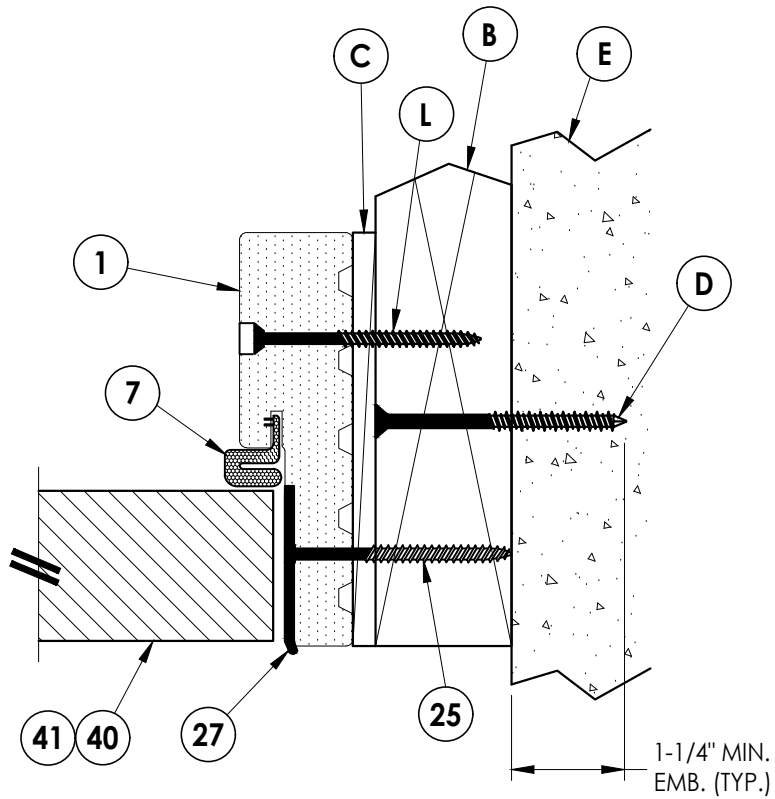
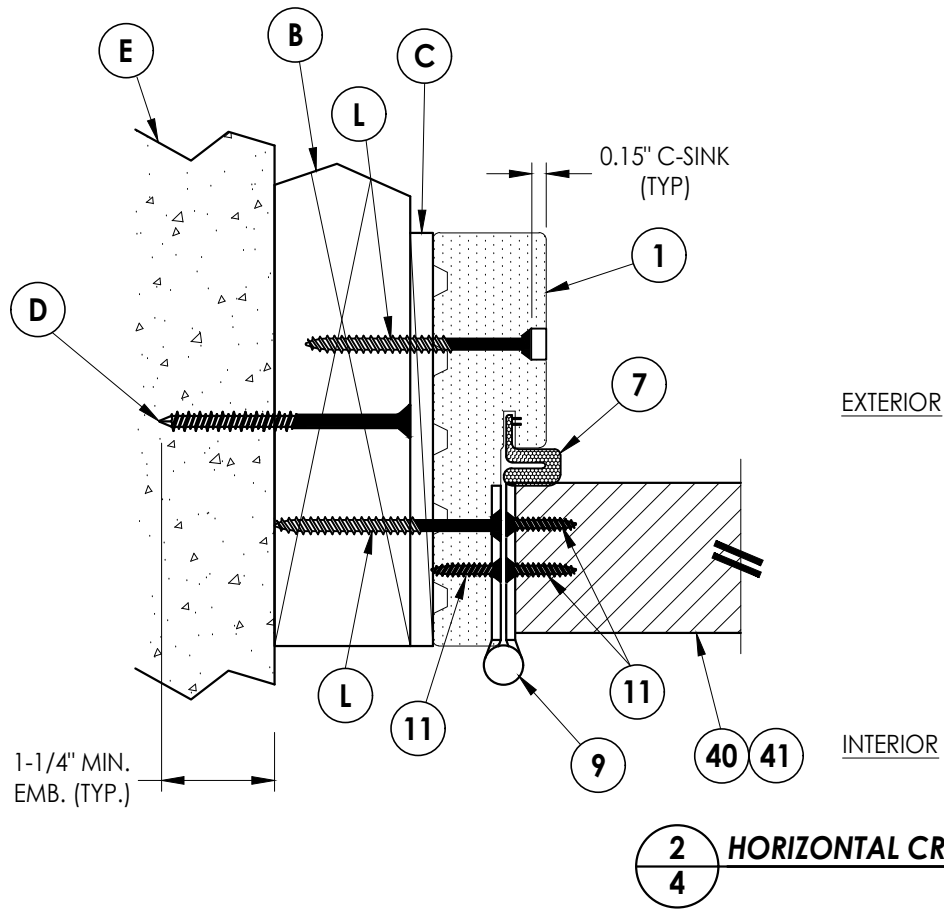
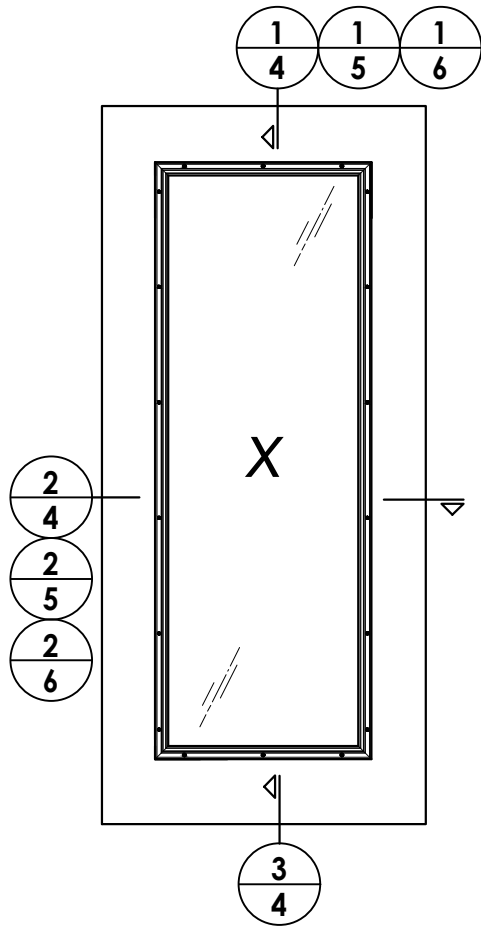
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HARDWARE TABLE		
MANUFACTURER	MODEL	
BHP	KNOB:	1200 SERIES
	DEADBOLT:	10626DC

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: W.E.H. SUPPLY, INC. FIBERGLASS DOORS	PART OR ASSEMBLY: DOOR PANEL DETAILS		REVISIONS
	NO.	DATE	
			BY
DATE: 6/18/24			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-46860.2			
SHEET 3 OF 8			

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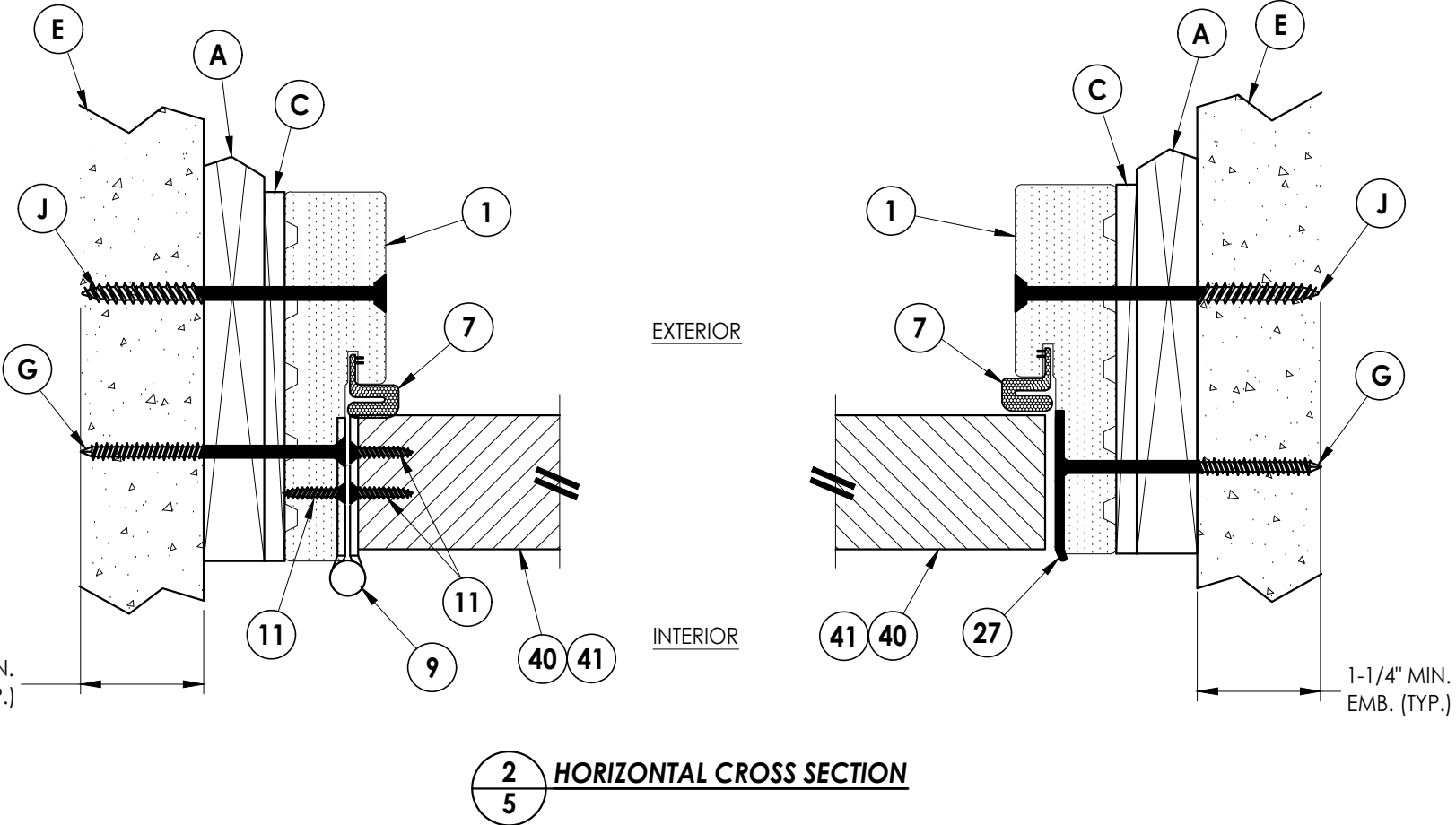
DATE: 6/18/24
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-46860.2
SHEET 4 OF 8

PRODUCT: W.E.H. SUPPLY, INC.
FIBERGLASS DOORS

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

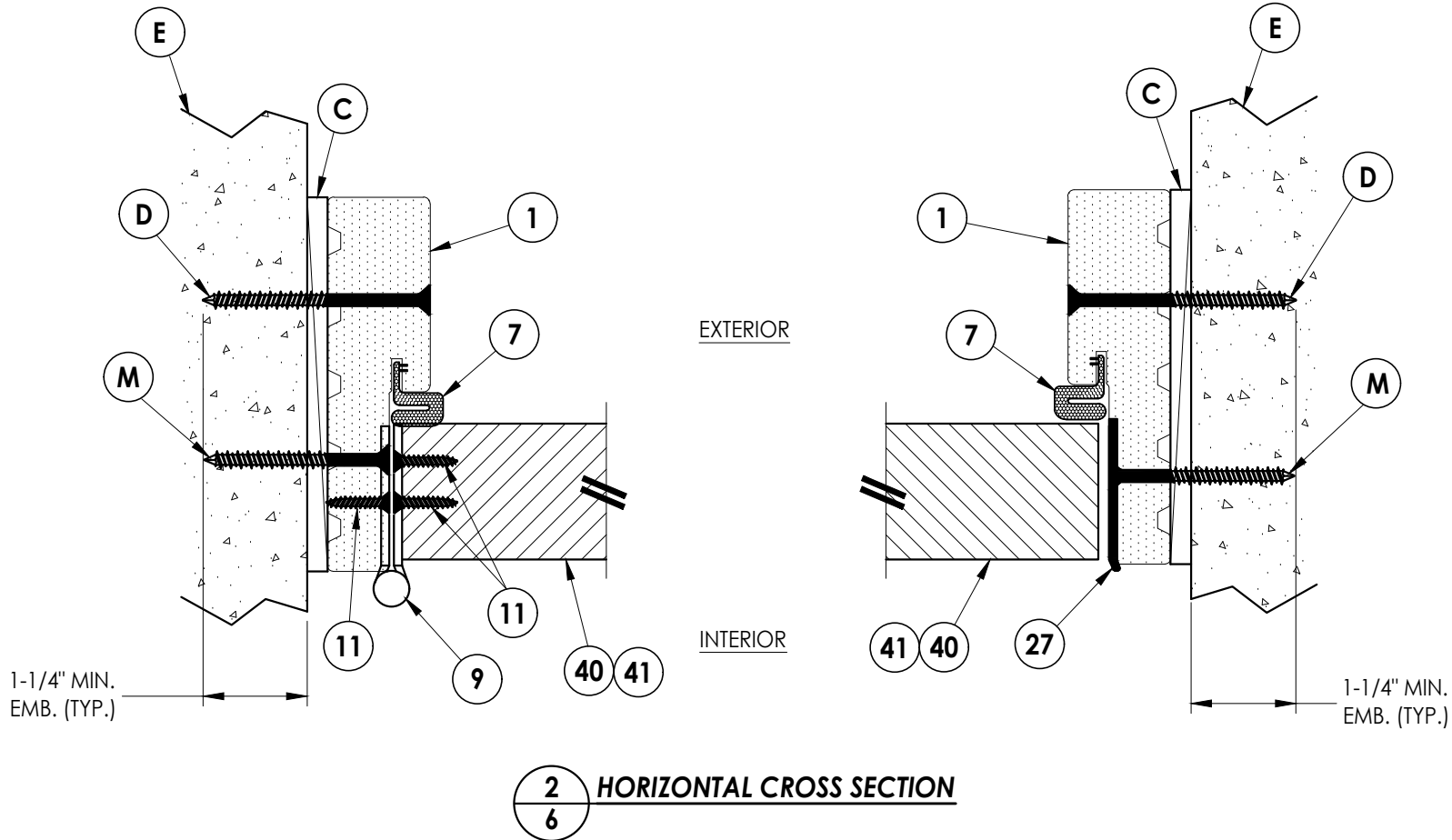
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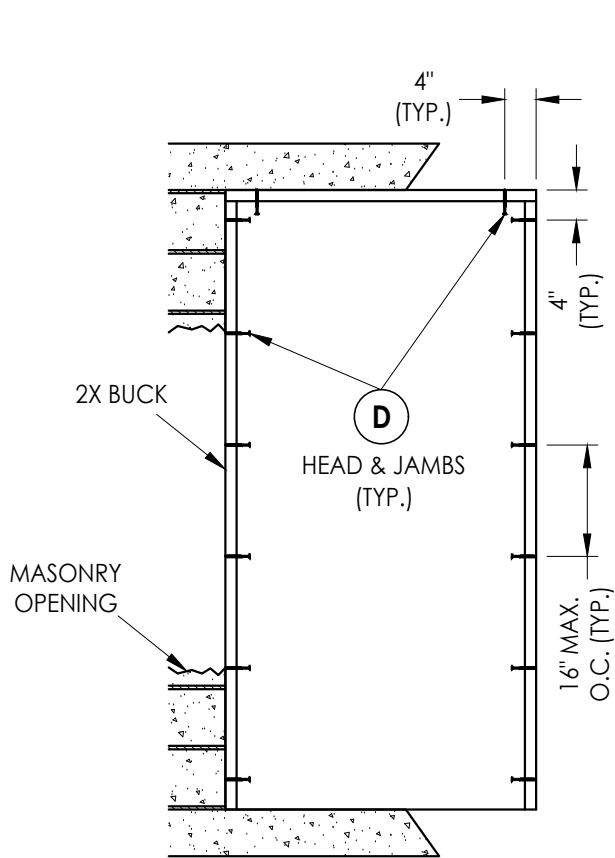
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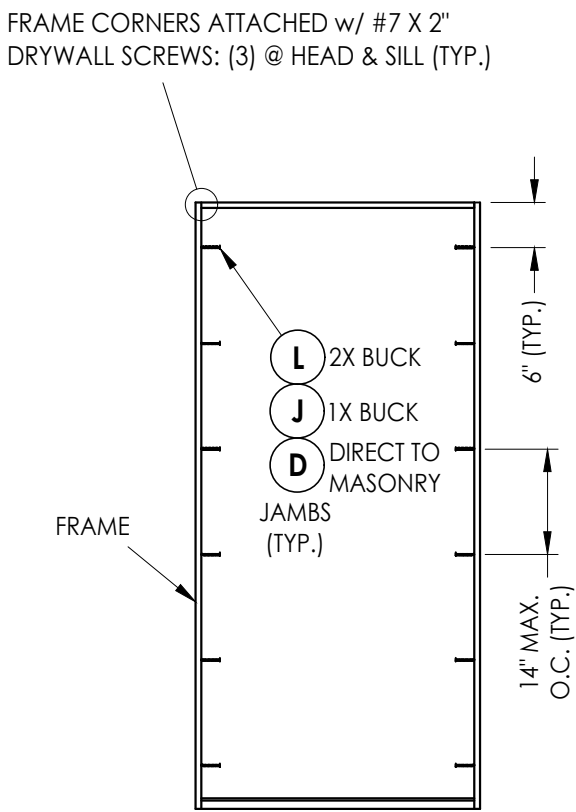
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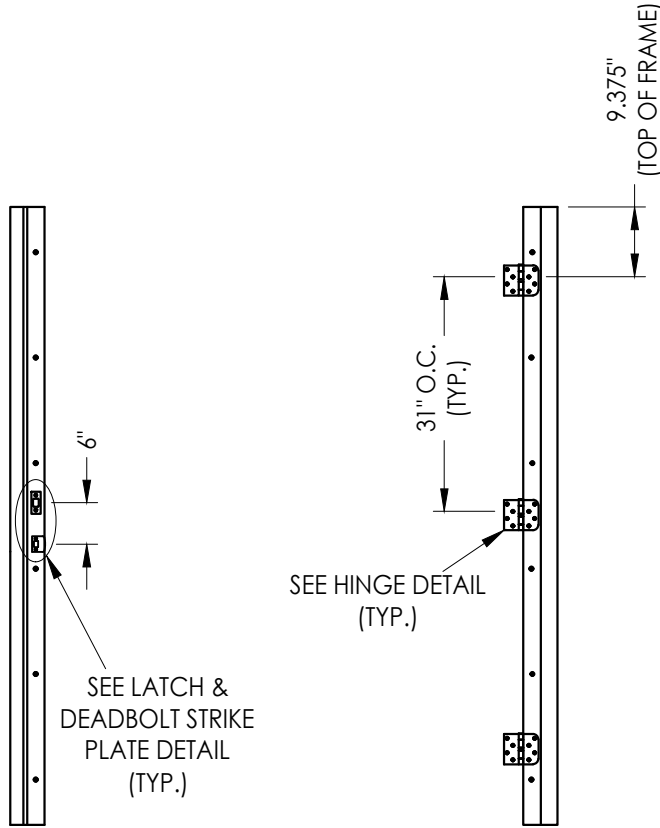
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X
2X BUCK ANCHORING

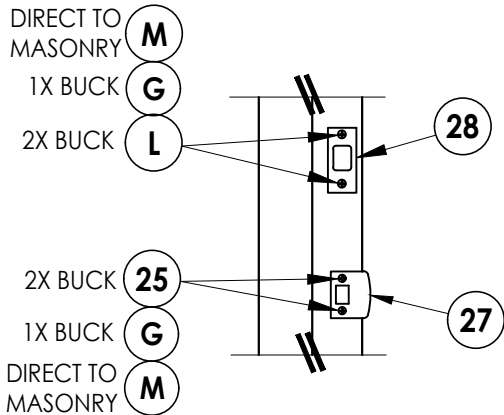


X
FRAME ANCHORING

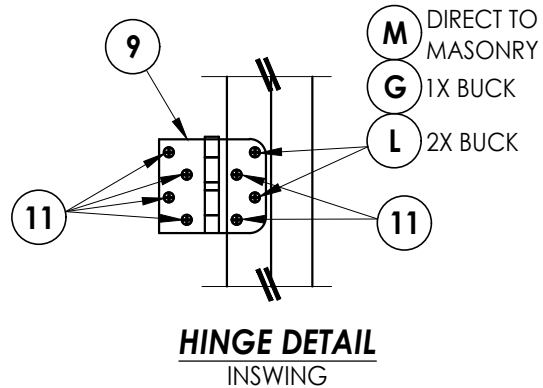


STRIKE JAMB

HINGE JAMB



LATCH & DEADBOLT STRIKE PLATE DETAILS



HARDWARE DETAILS

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PRODUCT: W.E.H. SUPPLY, INC. FIBERGLASS DOORS				PART OR ASSEMBLY: BUCK & FRAME ANCHORING			

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
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
13	INSWING THRESHOLD	ALUM/COMP
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
40	"J" DOOR PANEL	-
41	"L" DOOR PANEL	-

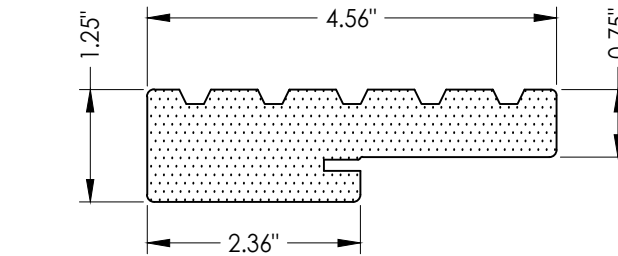
CONCRETE ANCHOR NOTES:

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:

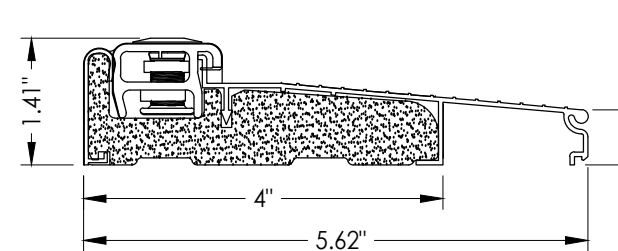
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.



1 COMPOSITE JAMB
W.E.H. Supply



13 INSWING THRESHOLD

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