

1 HORIZONTAL CROSS SECTION

Technical drawing of a vertical rectangular component, showing exterior and interior views with dimensions and labels.

Exterior View (Top):

- Overall width: 1.72"
- Top section height: 0.9"
- Label: **FOAM CORE** (pointing to the central area)
- Break symbol (//) is shown at the bottom.

Interior View (Bottom):

- Overall width: 1.55"
- Bottom section height: 1.36"
- Label: **FIBERGLASS SKIN** (pointing to the outer layer)
- Label: **BOTTOM RAIL (COMP.)** (pointing to the bottom section)
- Break symbol (//) is shown at the top.

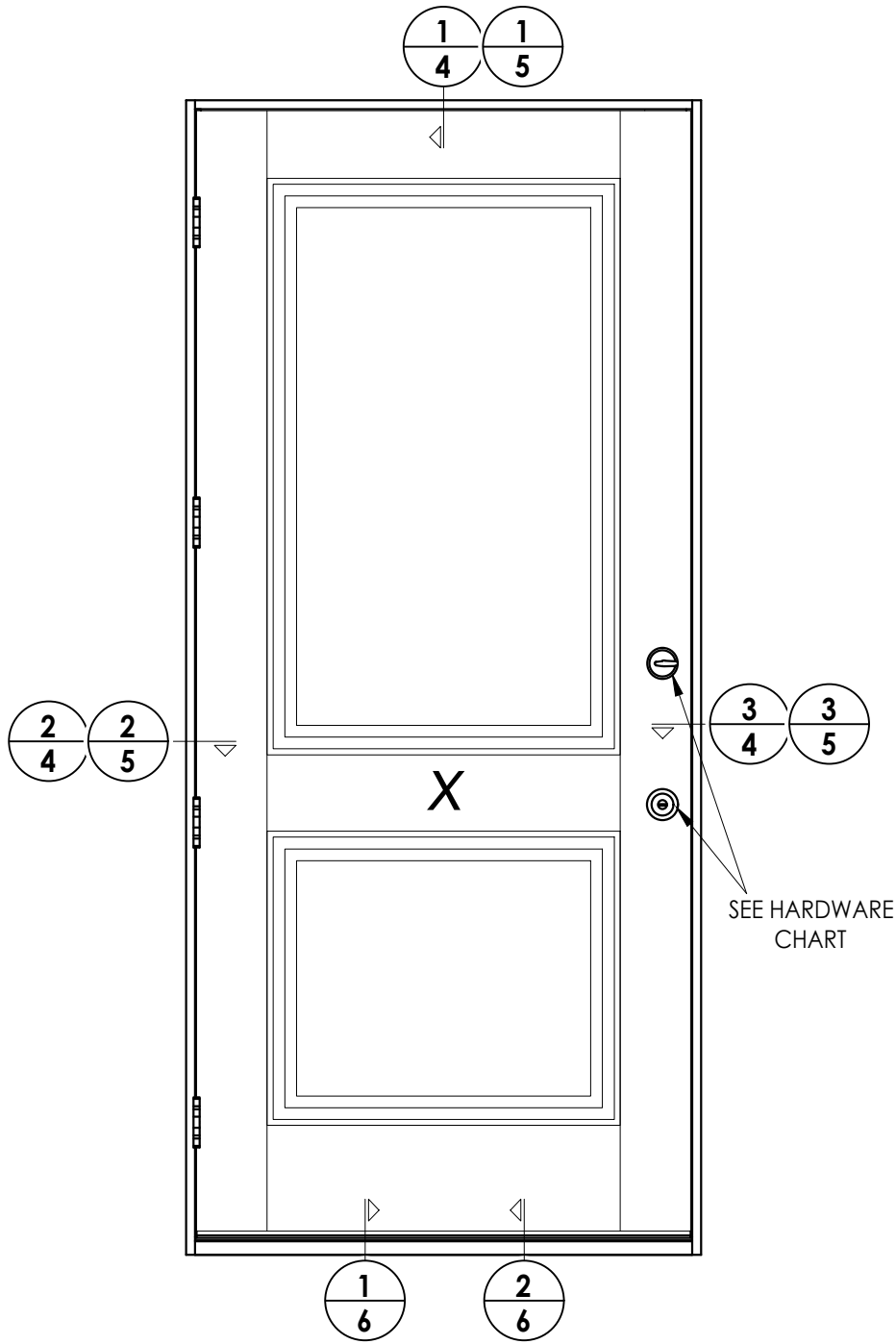
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PRODUCT:	MILLWORK 360 FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS

Documents Prepared By:
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RW
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FBPE Registry No. 9813

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HARDWARE TABLE		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE
PAMEX	Knob: FLU600 Deadbolt: FD261	55 PSF
KWIKSET	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (980)	85 PSF
SCHLAGE	Knob: F51 Deadbolt: B60N	85 PSF
HOPPE	MULTIPOINT: HLS™ ONE (3 pt. Manual Tongue)	85 PSF

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MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATION

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-29241.3

SHEET 3 OF 9

REVISIONS

NO.	DATE	BY
3	8/12/26	LFS
2	8/08/23	LFS
1	9/21/20	LFS

UPDATE TO 9TH ED. (2026) FBC

UPDATE TO 8TH ED. (2023) FBC

UPDATE TO 7TH ED. (2020) FBC

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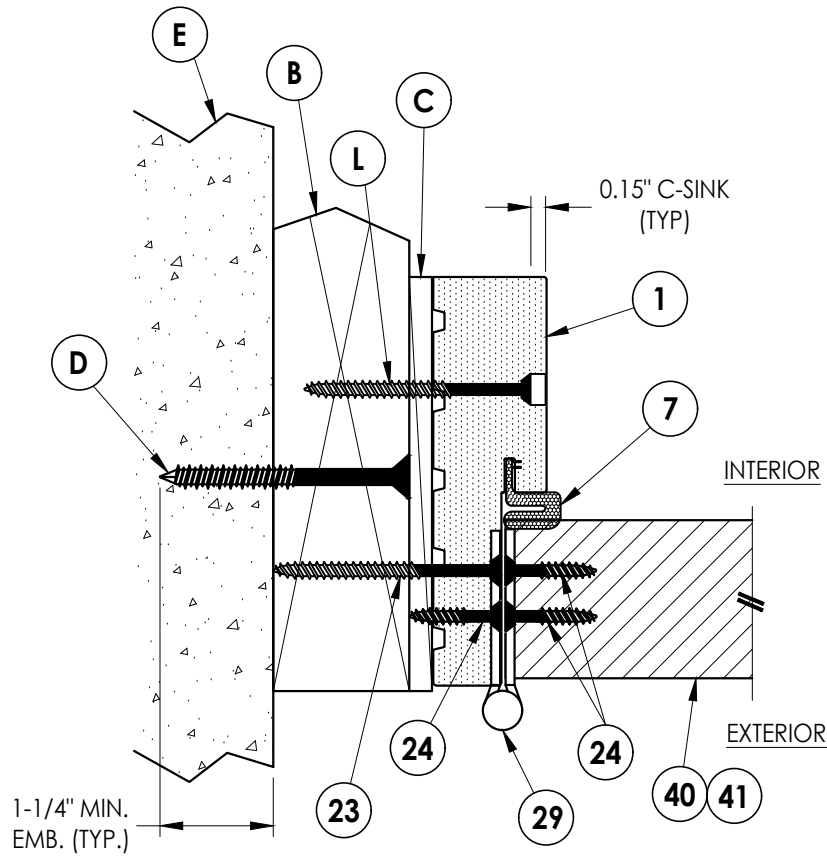
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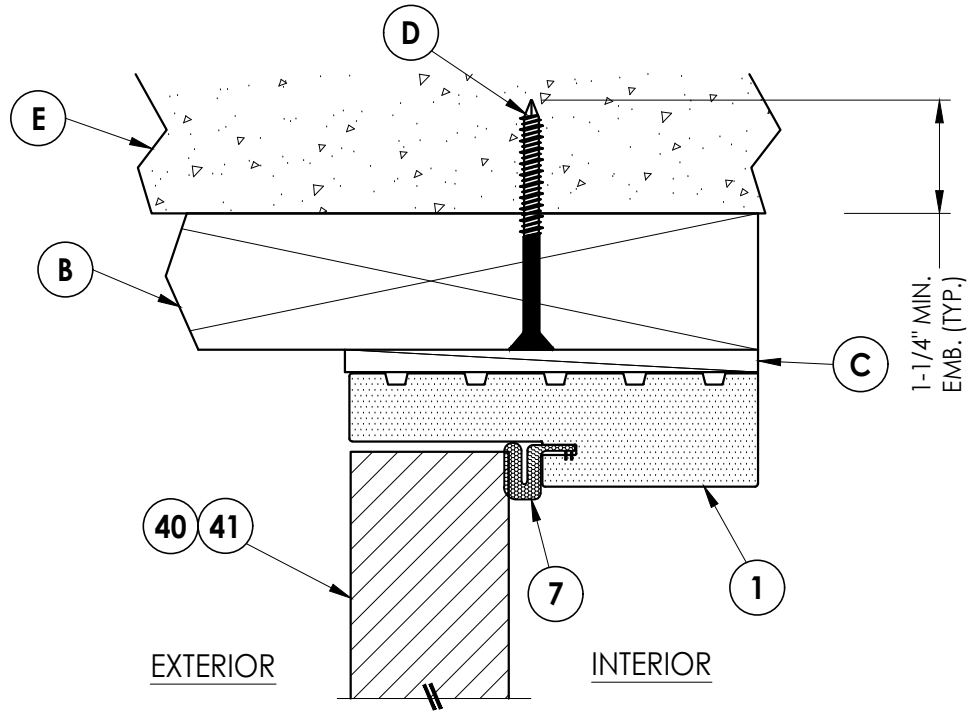
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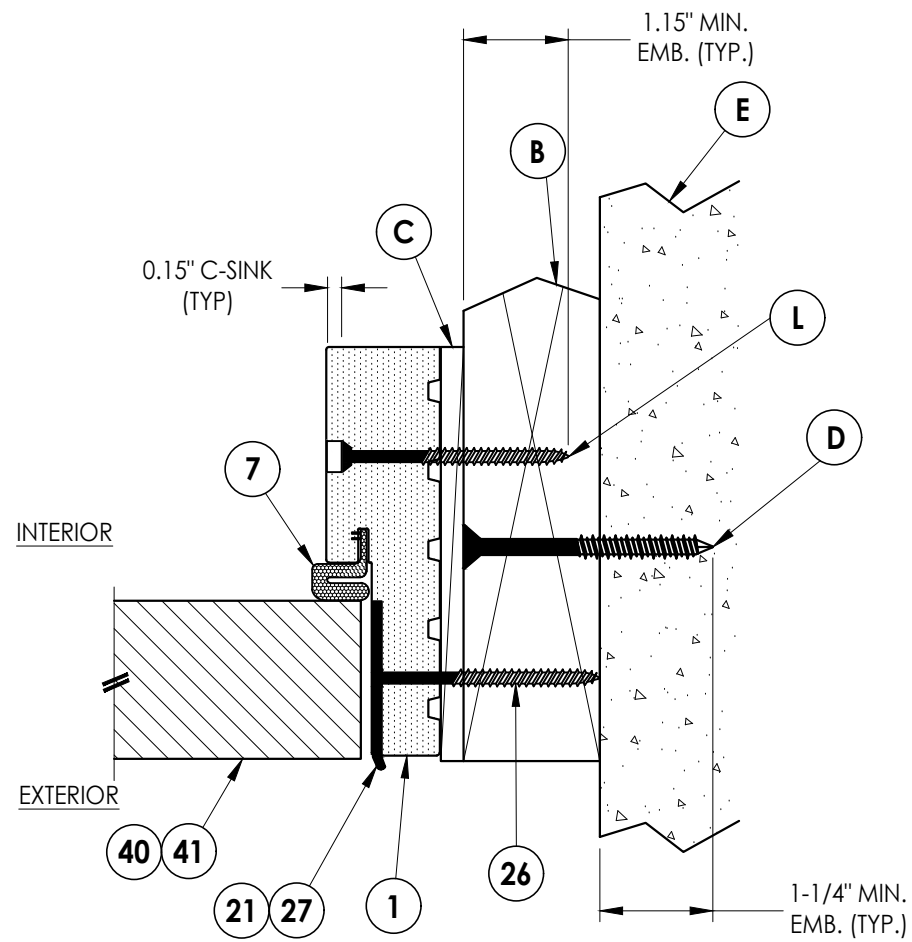


2 HORIZONTAL CROSS SECTION

4 Shown w/ 2X Buck
Outswing shown (Inswing similar)



1 **VERTICAL CROSS SECTION**
4 Shown w/ 2X Buck
 Outswing shown (Inswing similar)



3 HORIZONTAL CROSS SECTION
4 Shown w/ 2X Buck
 Outswing shown (Inswing similar)

3	8/12/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
2	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	9/21/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
NO.	DATE				BY
REVISIONS					

DATE: 3/24/20

SCALE: *N.T.S.*

DWG. BY: *TRJ*

CHK. BY: LFS

DRAWING NO.:

FL-29241.3

SHEET 4 OF 9

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PART OR ASSEMBLY:

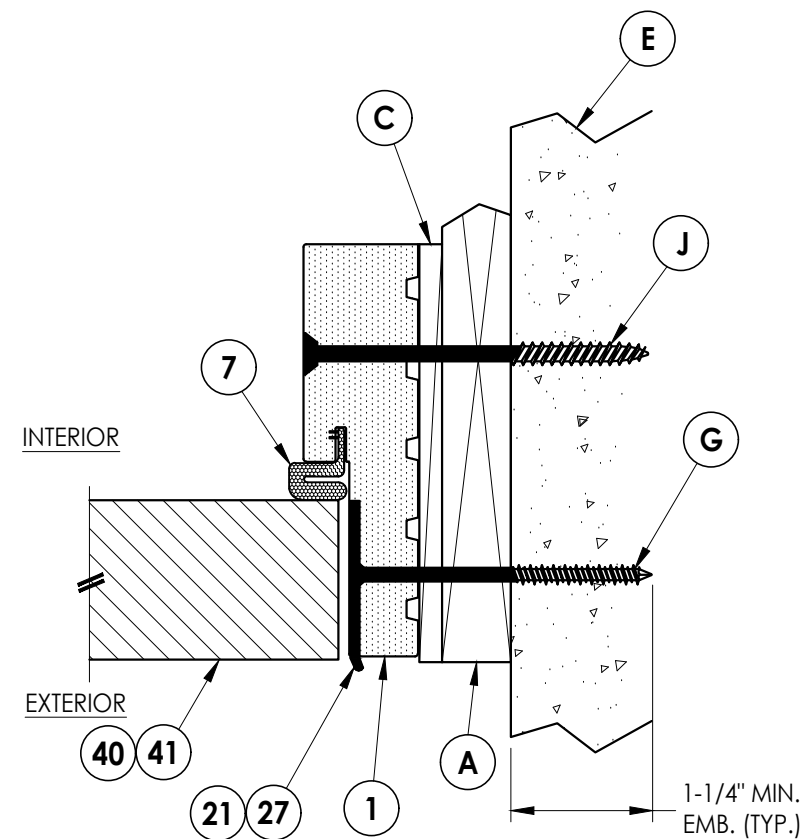
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1X BUCK TO BE SECURED TO MASONRY BY OTHERS

EXTERIOR INTERIOR

The diagram shows a cross-section of a building assembly. From top to bottom, the layers are: a concrete slab with aggregate (labeled E), a thin layer (labeled A), a layer of insulation with a grid of buckles (labeled C), and a masonry wall (labeled 1). A metal fastener (labeled 7) is shown securing the insulation layer to the masonry wall. The exterior side is on the left and the interior side is on the right. A break symbol is shown at the bottom of the masonry wall. Callouts 40 and 41 point to the masonry wall.

1 **VERTICAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)



3 **HORIZONTAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

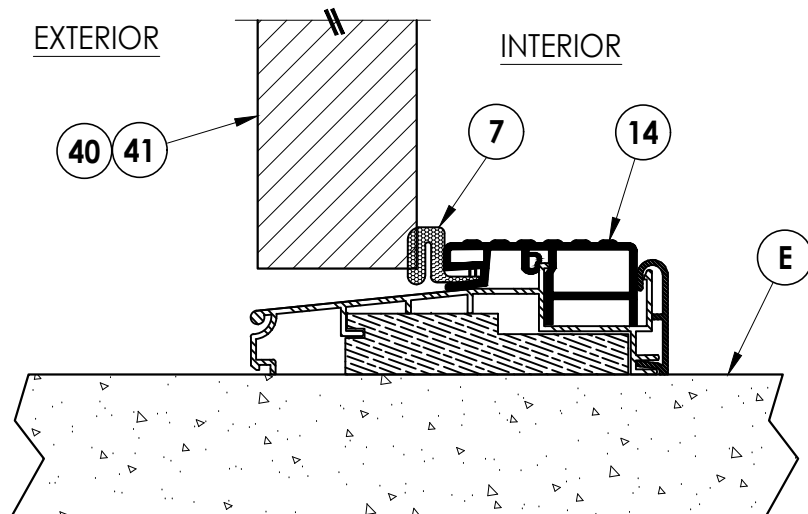
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SHEET	5 OF 9

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1 **VERTICAL CROSS SECTION**
6 Inswing Sill



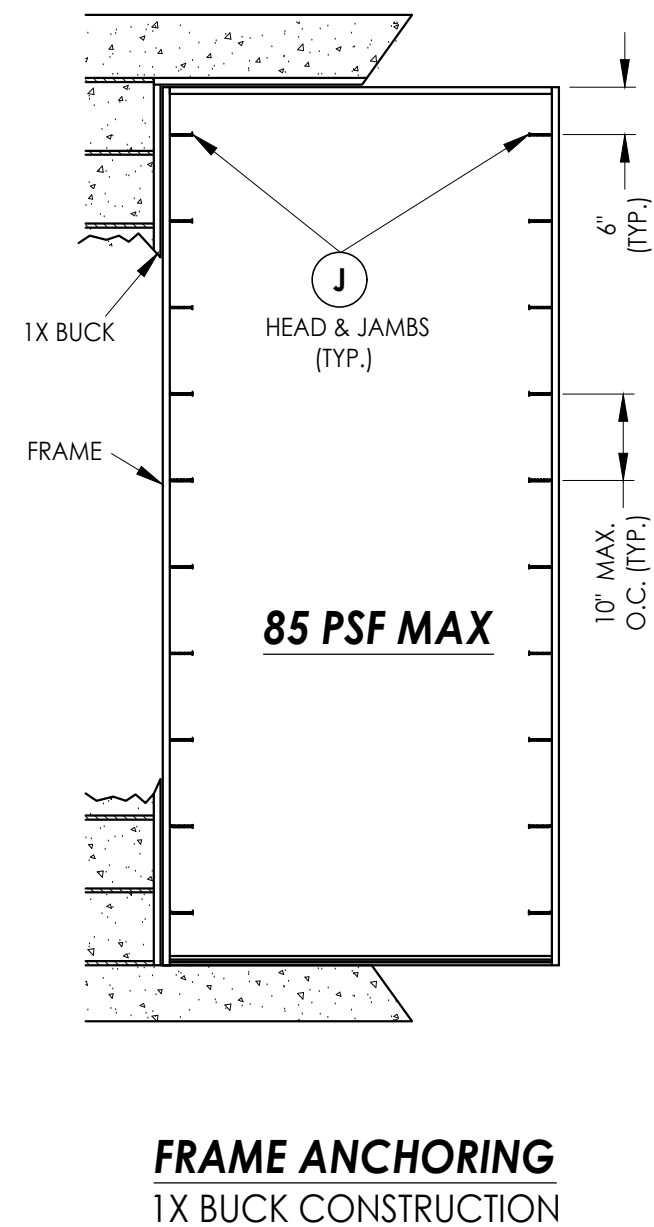
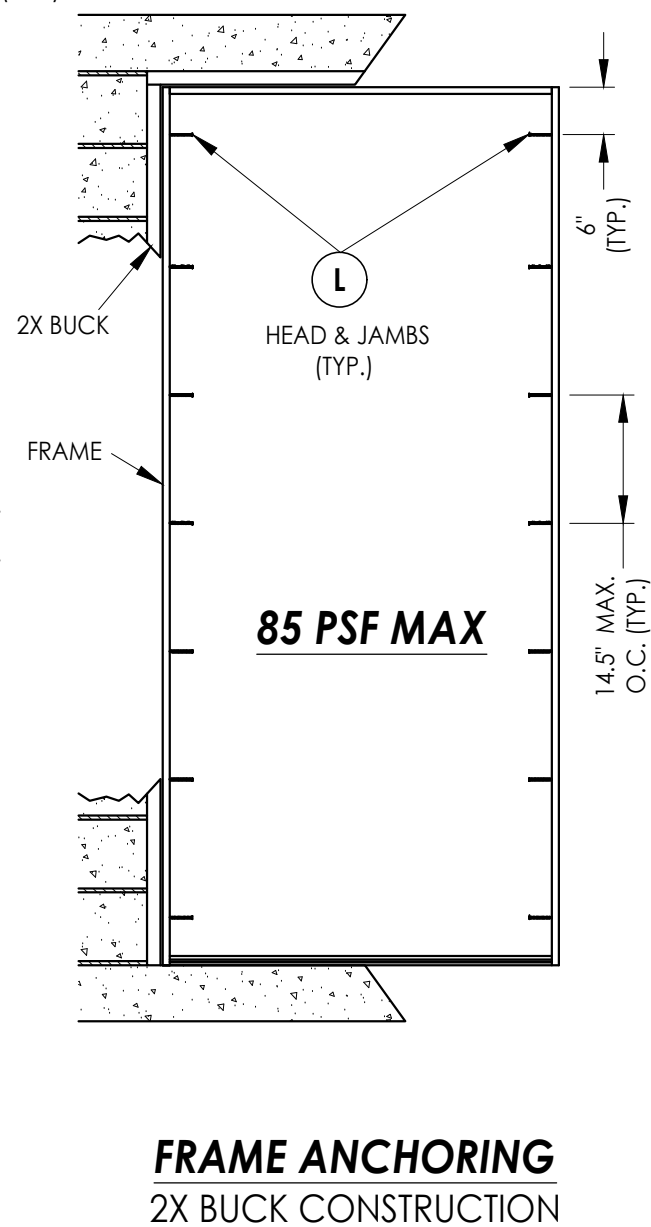
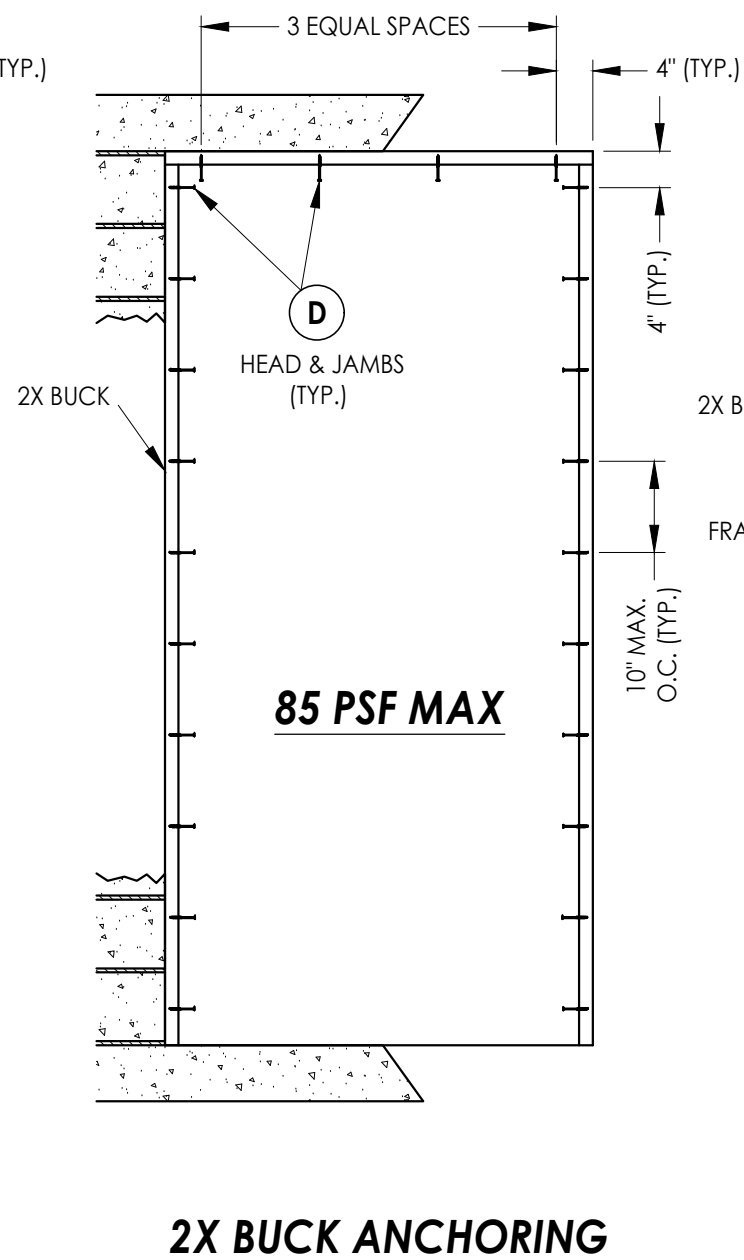
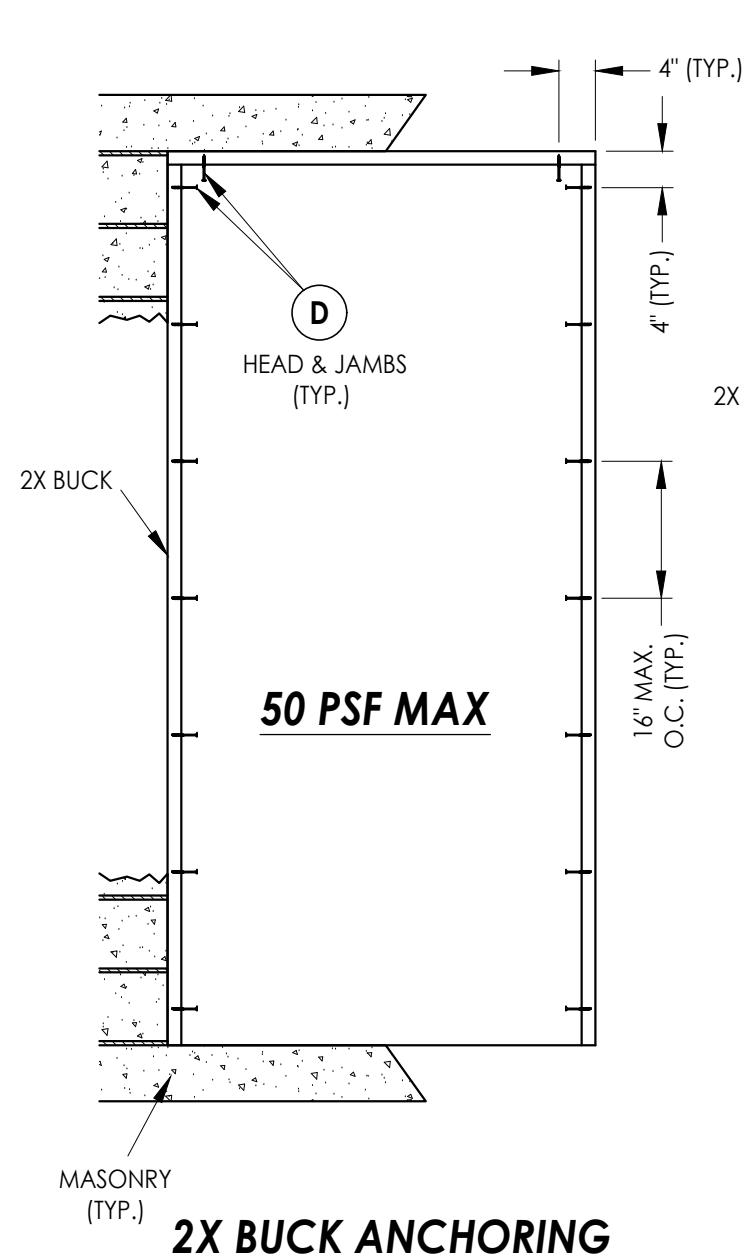
2 **VERTICAL CROSS SECTION**
6 Outswing Sill

[illegible]

PRODUCT:	MILLWORK 360 FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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NOTE:

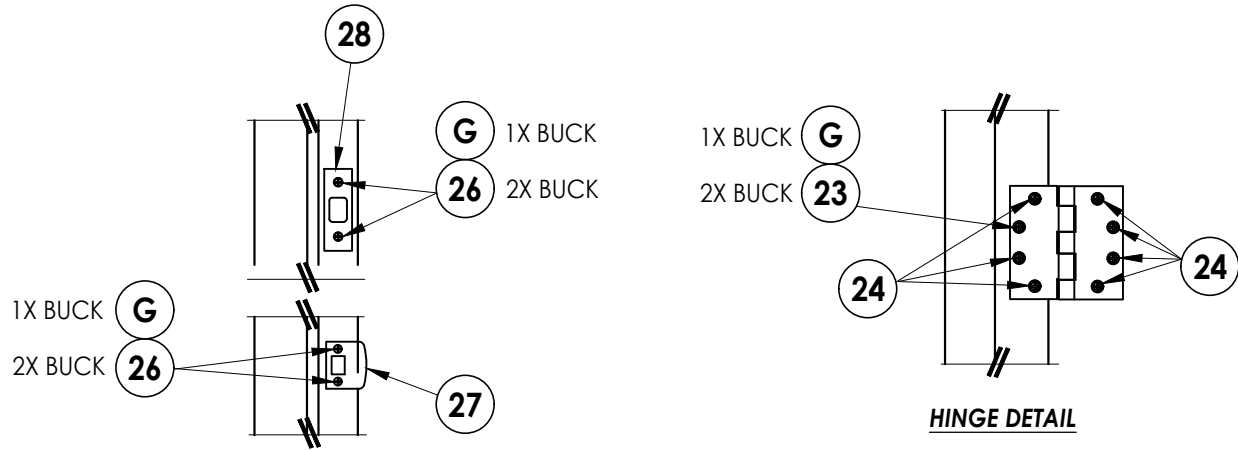
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ HEAD & SILL.

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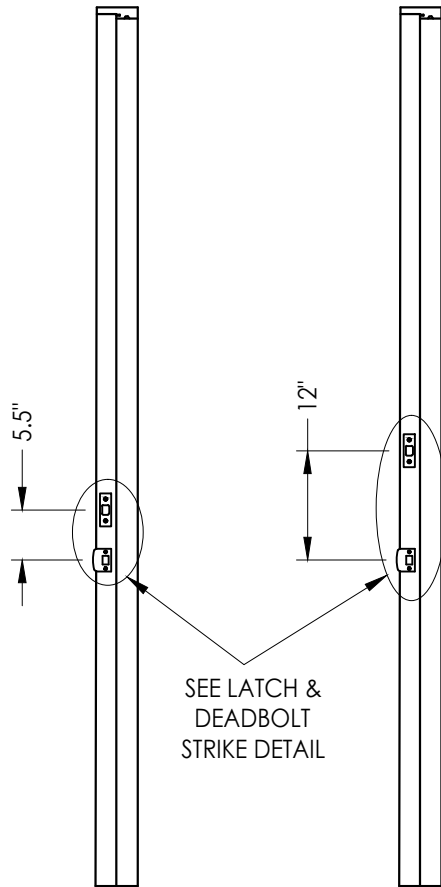
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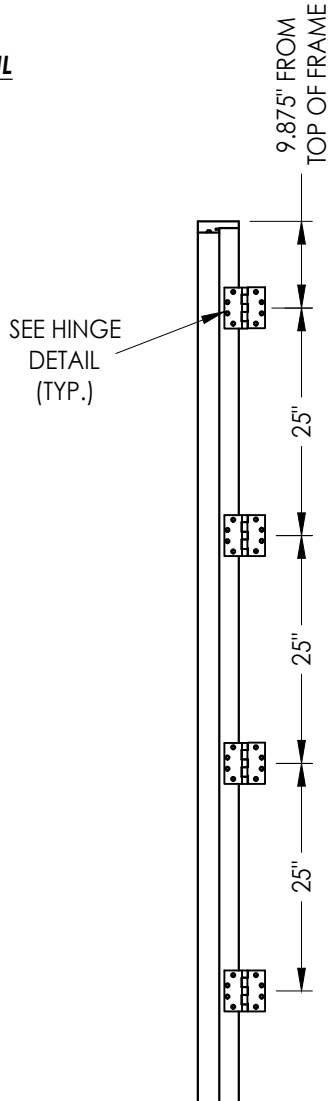


LATCH & DEADBOLT DETAIL

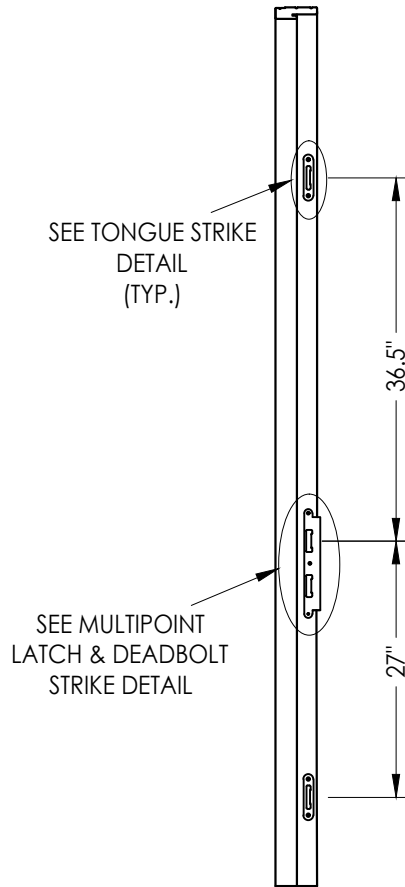
HINGE DETAIL



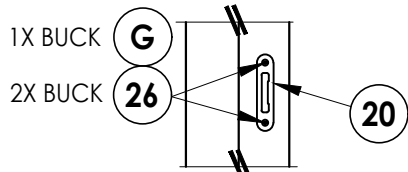
STRIKE JAMB
Latch and Deadbolt



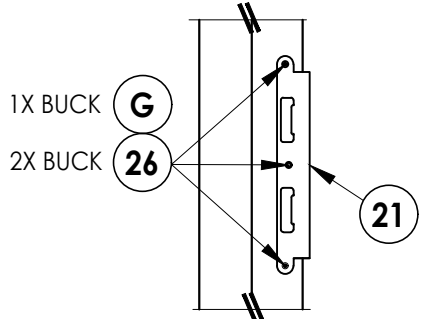
HINGE JAMB



STRIKE JAMB
Multipoint Lock



TONGUE STRIKE DETAIL



MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL

LATCH & DEADBOLT HARDWARE DETAILS

MULTIPOINT LOCK HARDWARE DETAILS

DATE: 3/24/20

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.: FL-29241.3

SHEET 8 OF 9

REVISIONS			
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3	8/12/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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PRODUCT:	MILLWORK 360 FIBERGLASS DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

Documents Prepared By:
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 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
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
13	INSWING ADJUSTABLE THRESHOLD	ALUM/COMP
14	OUTSWING BUMP THRESHOLD	ALUM/COMP
20	MULTIPOINT TONGUE STRIKE PLATE	STEEL
21	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
24	#12 X 1" PFH WOOD SCREW	STEEL
26	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4.5" X 4.5" HINGE	STEEL
40	DOOR PANEL	-
41	DOOR PANEL	-

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:

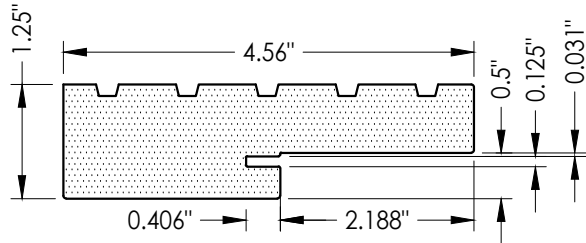
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

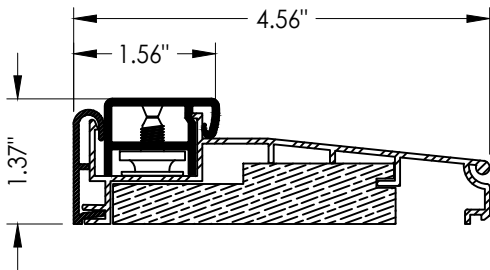
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

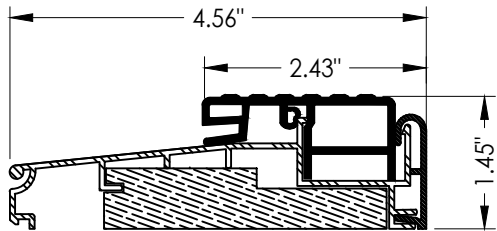
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



1 COMPOSITE JAMB
WORLDWIDE



13 INSWING THRESHOLD
WORLDWIDE



14 OUTSWING THRESHOLD
WORLDWIDE

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RW

PRODUCT:
MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC
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