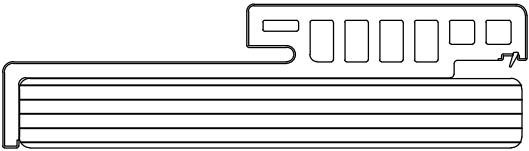


"FusionFrame" Door Jamb
INSWING / OUTSWING
"IMPACT"

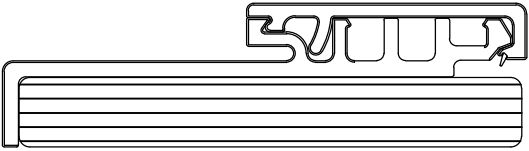
GENERAL NOTES

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 4 as defined in ASTM E1996.
4. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an impact approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval.
5. The design pressure of the assembly shall be the lesser of the design pressure for the door jamb shown in this approval or the design pressure of the door assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the door assembly approval used in conjunction with this approval.
7. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
8. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

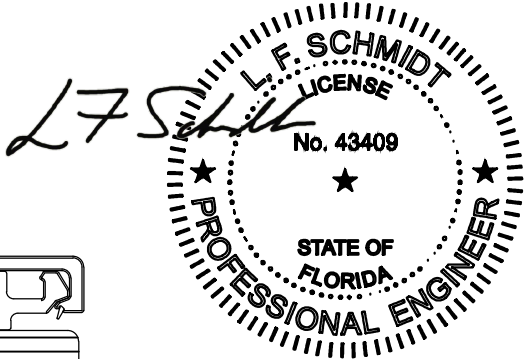
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Elevations
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Buck Anchoring
7	Frame Anchoring & Hardware Details
8	Bill of Materials & Components



HEAD or SIDE JAMB
(1-PIECE)



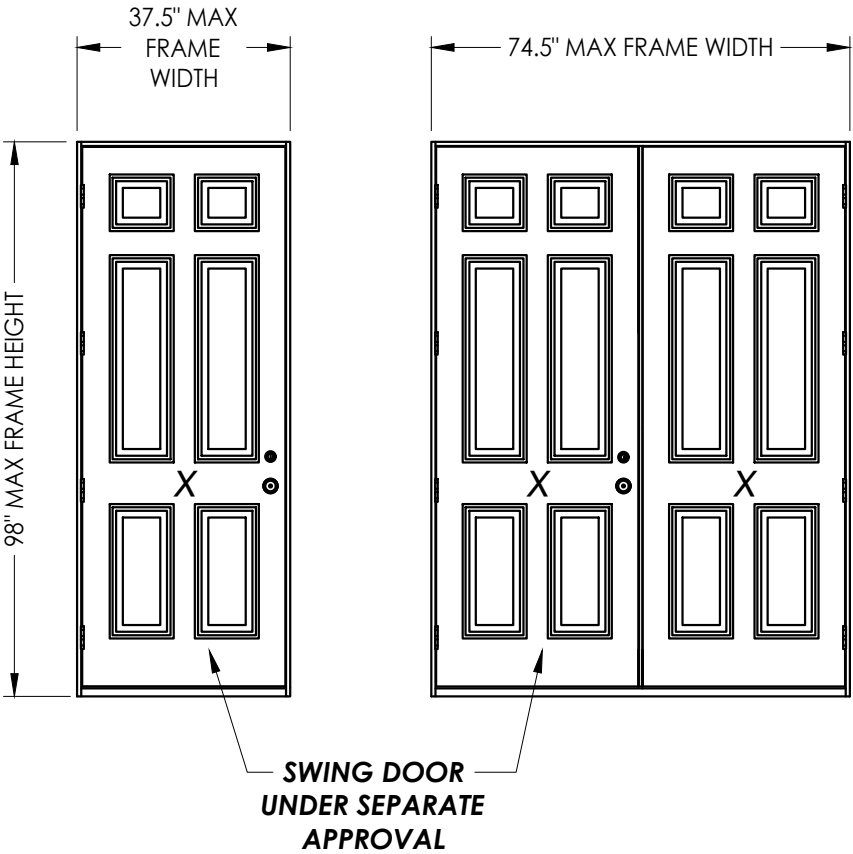
SIDE JAMB
(2-PIECE)



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.17 11:28:22 -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		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 98.0"	+60.0	-65.0	+60.0	-60.0
XX	74.5" x 98.0"	+50.0	-50.0	+50.0	-50.0

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

ENDURA COMPONENTS

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

7/02/26
4

UPDATE TO 9TH ED. (2026) FBC

LFS

7/06/23
3

UPDATE TO 8TH ED. (2023) FBC

LFS

8/03/20
2

UPDATE TO 7TH ED. (2020) FBC

LFS

8/12/19
1

REVISE DESIGN PRESSURES

LFS

NO.

DATE

BY

REVISIONS

DATE: 1/31/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

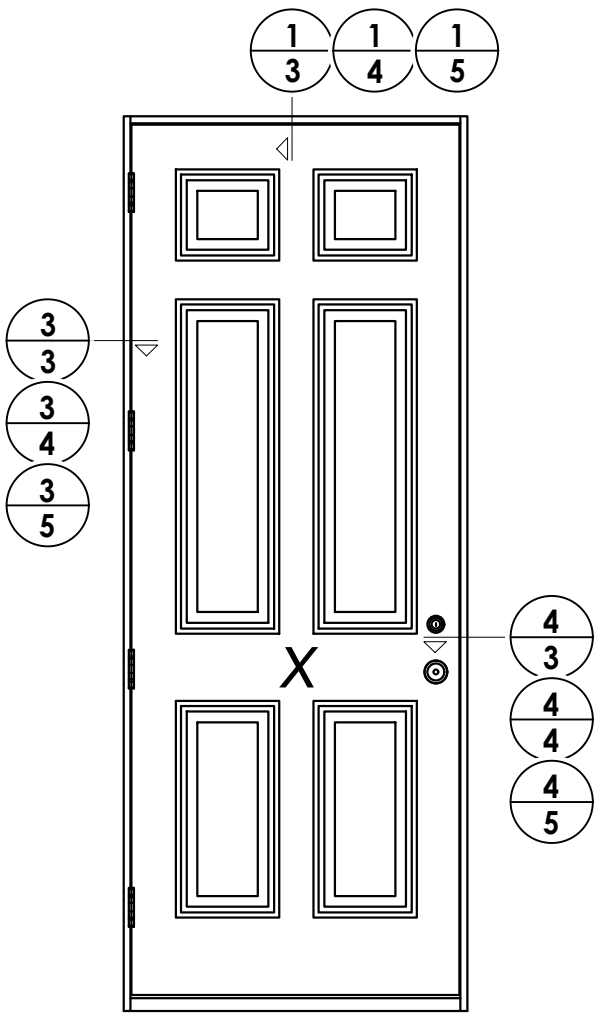
DRAWING NO.: FL-25610.7

SHEET 1 OF 8

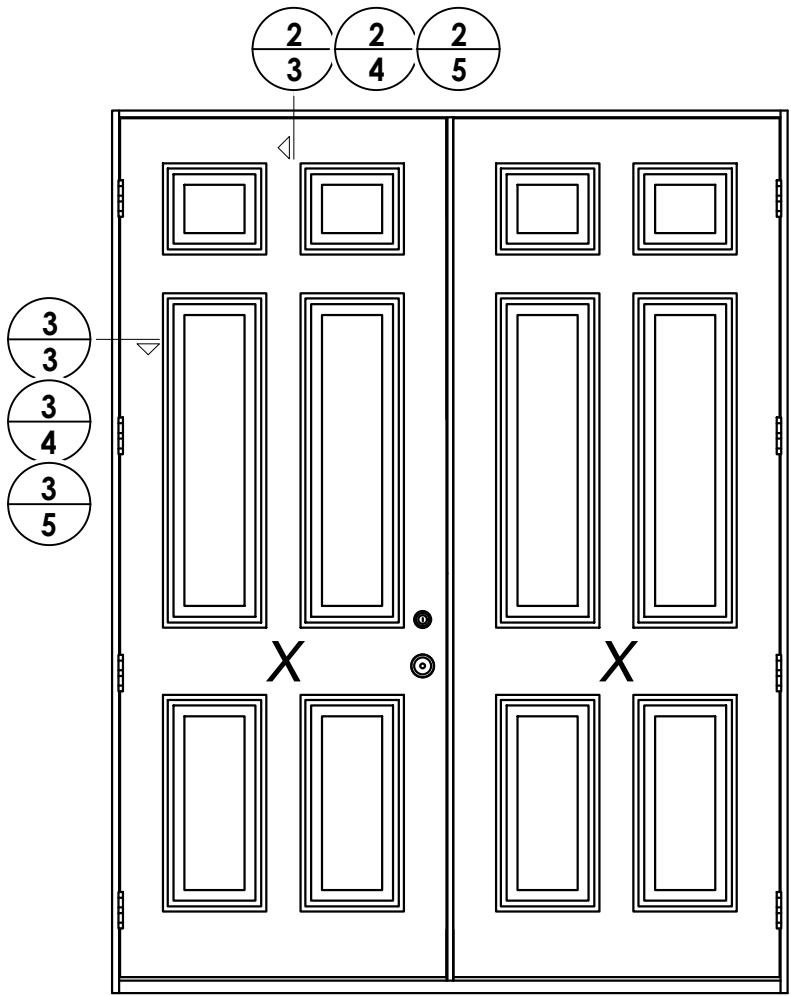
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SINGLE DOOR ELEVATION



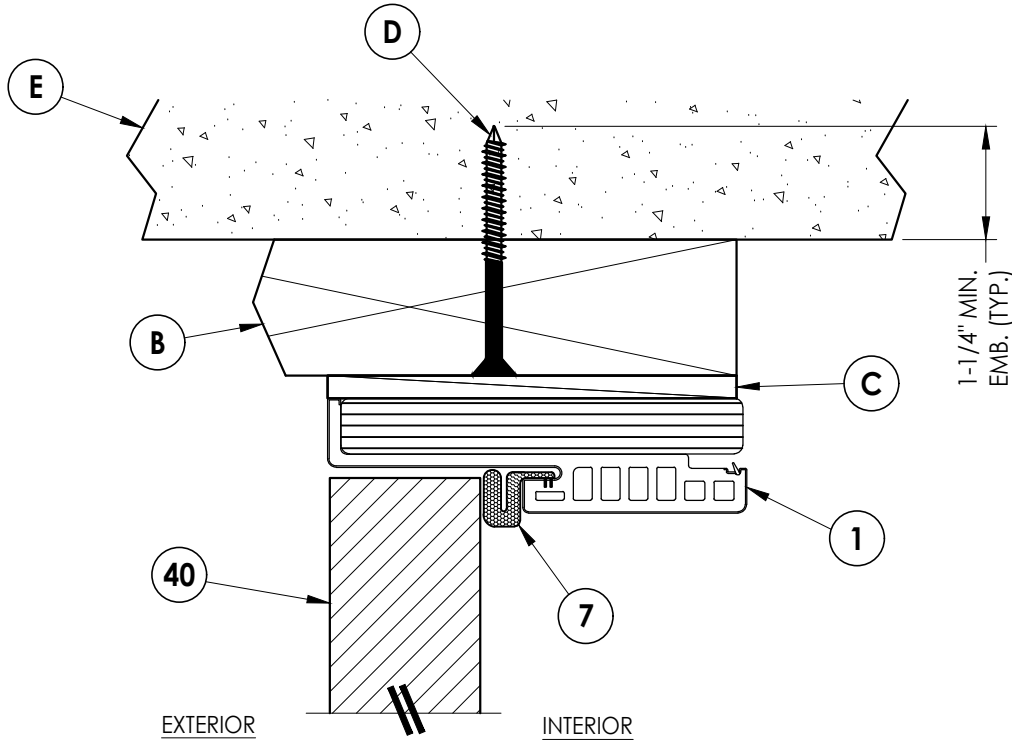
DOUBLE DOOR ELEVATION

DATE: 1/31/19	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-25610.7	
SHEET 2	OF 8

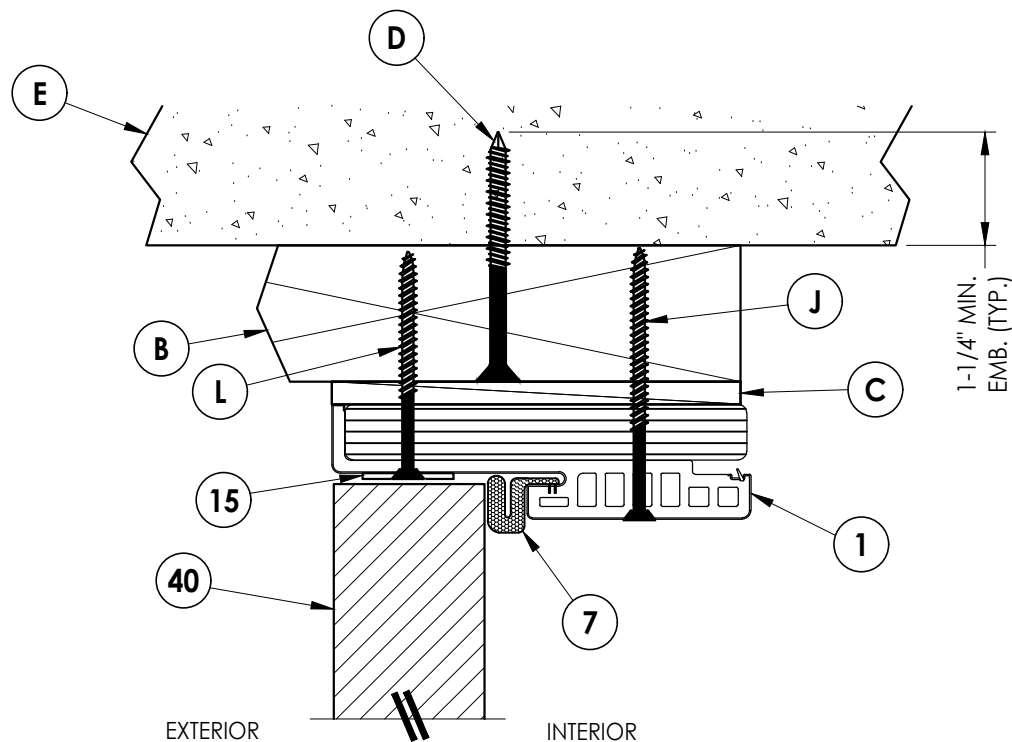
PRODUCT: ENDURA COMPONENTS	
PART OR ASSEMBLY: ELEVATIONS	

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
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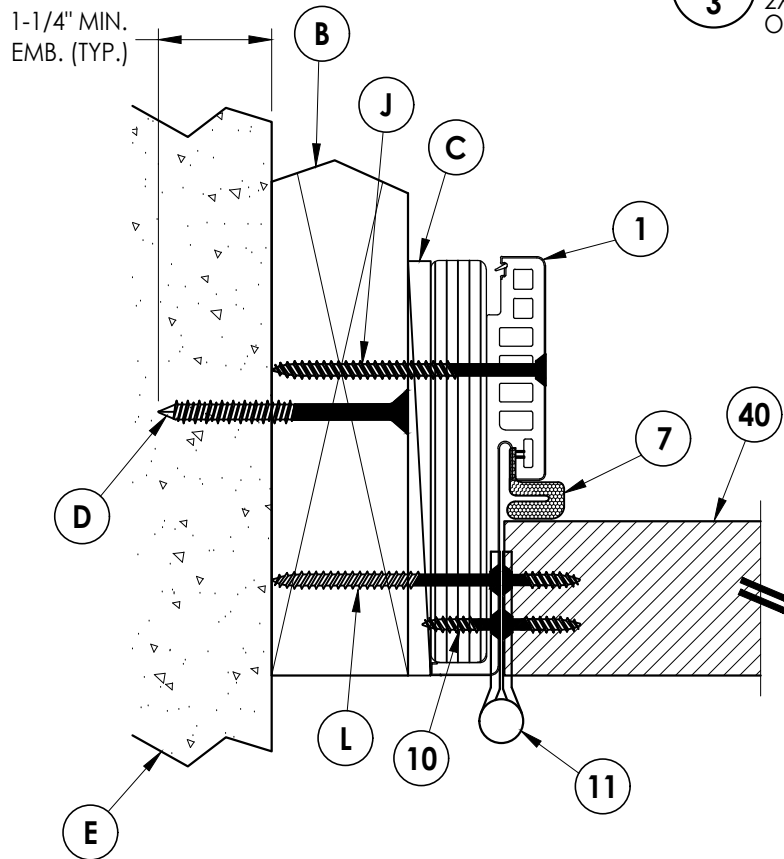
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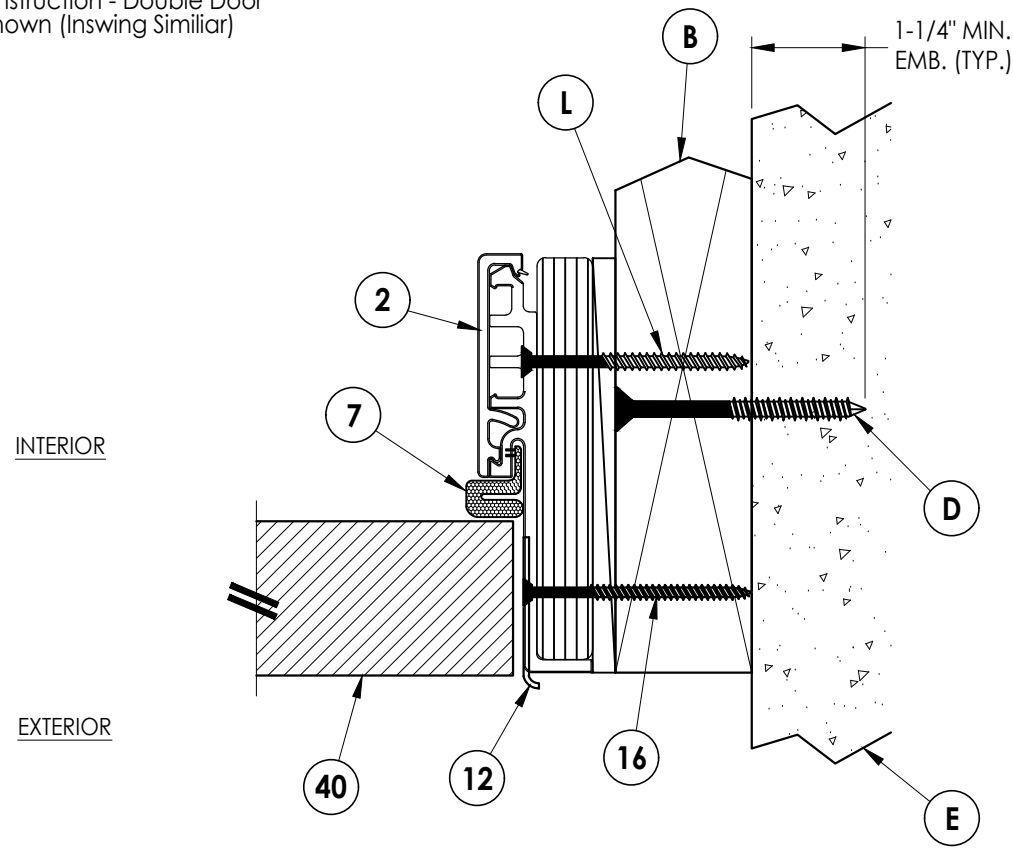
1 **VERTICAL CROSS SECTION**
3 2X Buck Construction - Single Door Only
Outswing Shown (Inswing Similar)



2 **VERTICAL CROSS SECTION**
3 2X Buck Construction - Double Door
Outswing Shown (Inswing Similar)



3 **HORIZONTAL CROSS SECTION**
3 2X Buck Construction
Outswing Shown (Inswing Similar)



4 **HORIZONTAL CROSS SECTION**
3 2X Buck Construction
Outswing Shown (Inswing Similar)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR
DOOR CONSTRUCTION DETAILS NOT SHOWN, INCLUDING LOCK
HARDWARE, ASTRAGAL, HINGE & THRESHOLD CONNECTIONS.

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

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	7/06/23	UPDATE TO 8TH ED. (2023) FBC
2	8/03/20	UPDATE TO 7TH ED. (2020) FBC
1	8/12/19	REVISE DESIGN PRESSURES
NO.	DATE	BY

DATE: 1/31/19

SCALE: N.T.S.

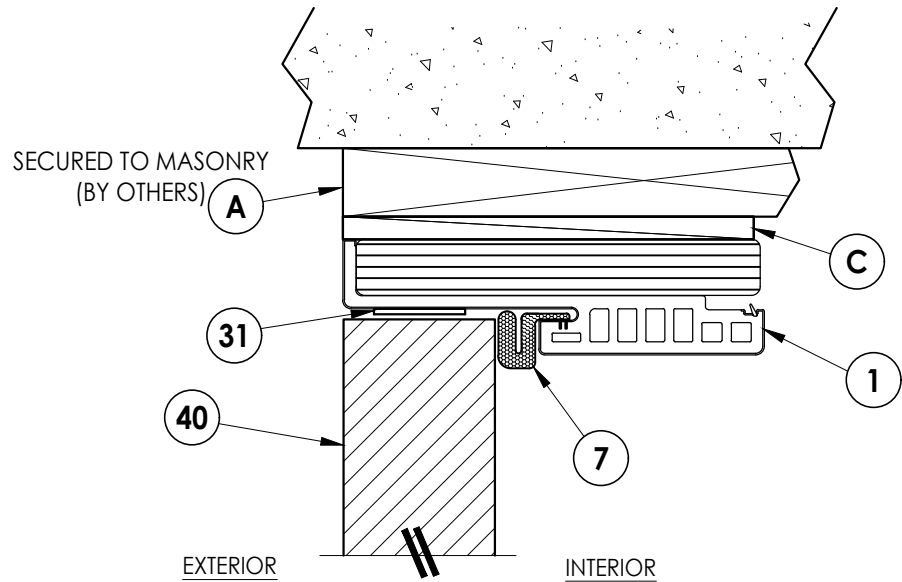
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CHK. BY: LFS

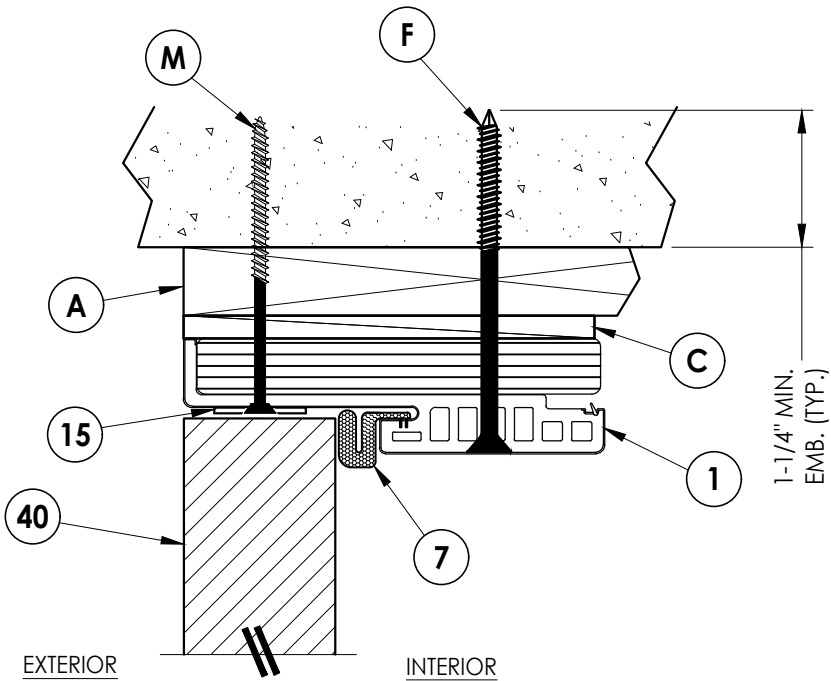
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SHEET 3 OF 8

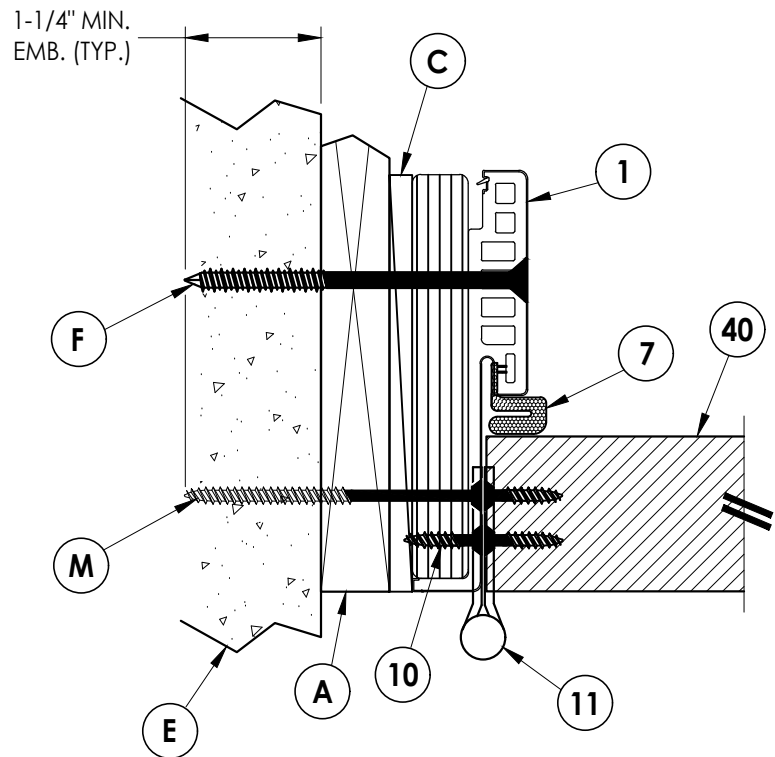
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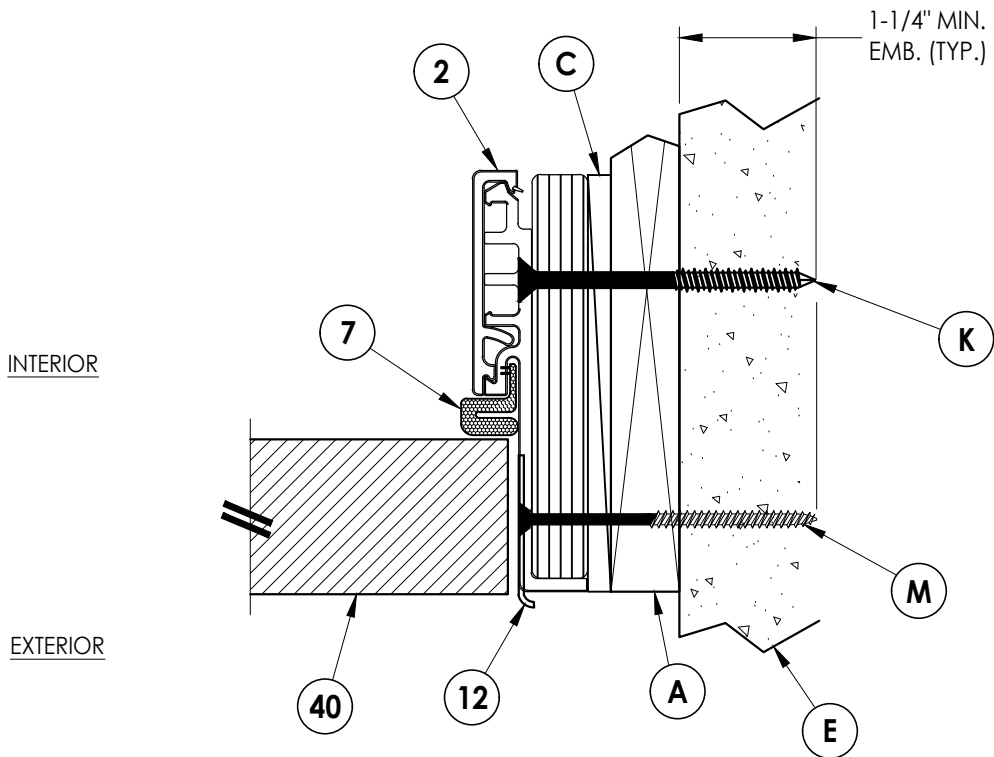
1 **VERTICAL CROSS SECTION**
4 2X Buck Construction - Single Door Only
Outswing Shown (Inswing Similar)



2 **VERTICAL CROSS SECTION**
4 1X Buck Construction - Double Door
Outswing Shown (Inswing Similar)



3 **HORIZONTAL CROSS SECTION**
4 1X Buck Construction
Outswing Shown (Inswing Similar)



4 **HORIZONTAL CROSS SECTION**
4 1X Buck Construction
Outswing Shown (Inswing Similar)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR
DOOR CONSTRUCTION DETAILS NOT SHOWN, INCLUDING LOCK
HARDWARE, ASTRAGAL, HINGE & THRESHOLD CONNECTIONS.

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	ENDURA COMPONENTS	
	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	

NO.	DATE	REVISIONS			
		BY	LFS	FBC	DATE
4	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	8/03/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	8/12/19	REVISE DESIGN PRESSURES			LFS

DATE: 1/31/19

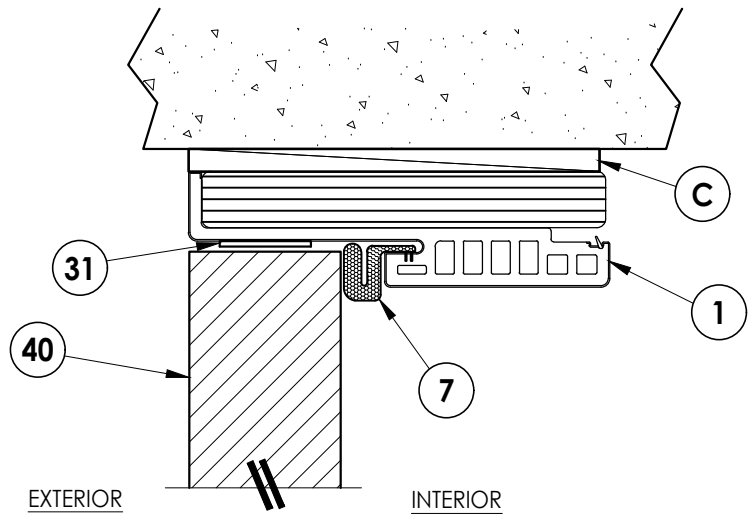
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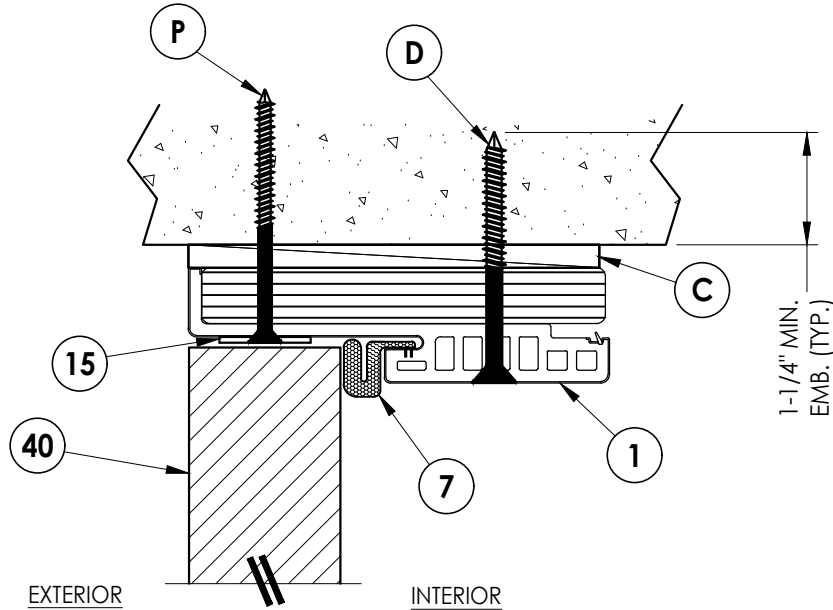
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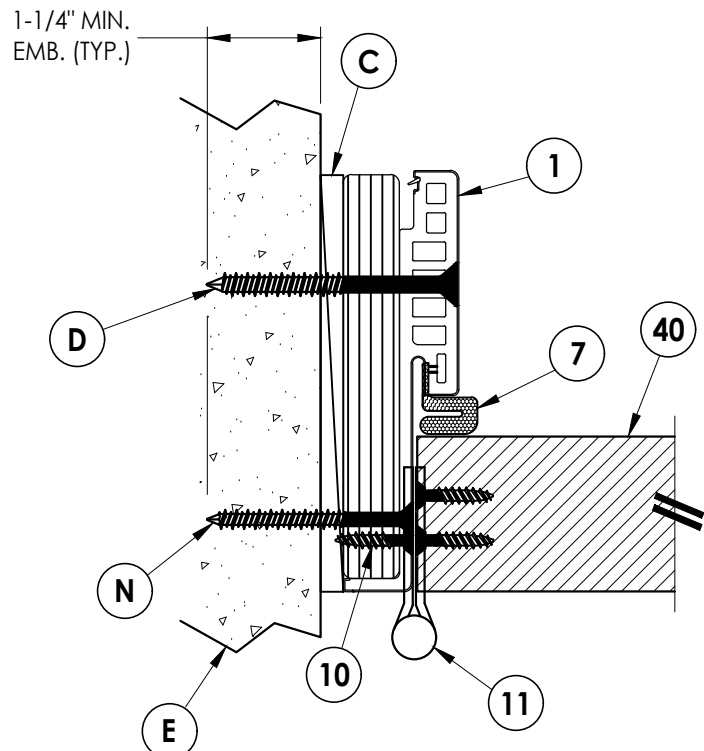
SHEET 4 OF 8



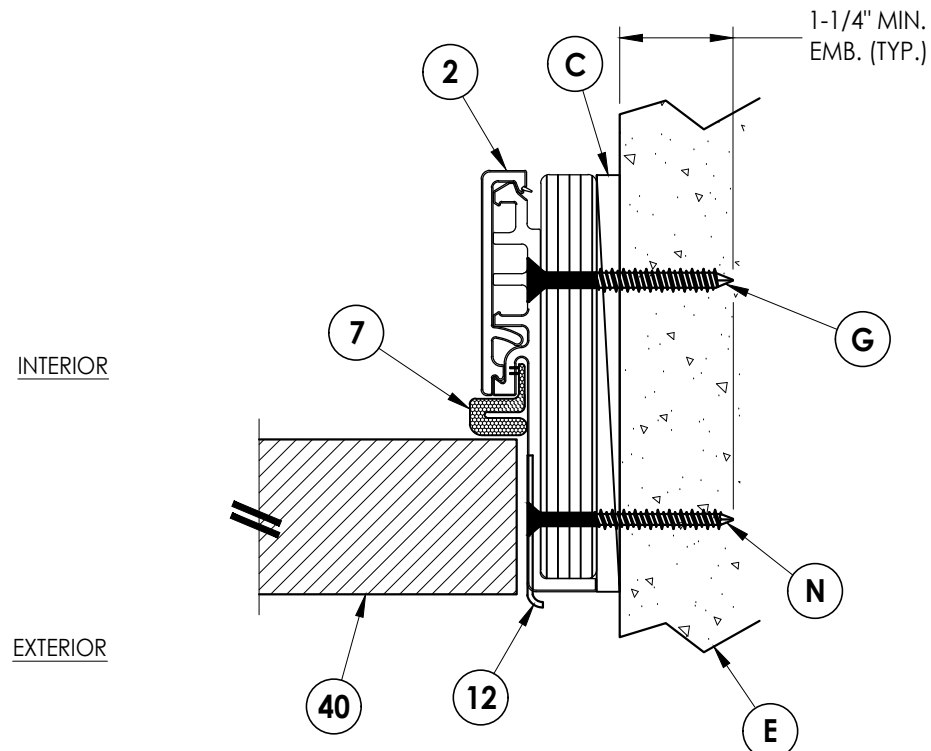
1
5 **VERTICAL CROSS SECTION**
Direct to Masonry - Single Door Only
Outswing Shown (Inswing Similiar)



2
5 **VERTICAL CROSS SECTION**
Direct to Masonry - Double Door
Outswing Shown (Inswing Similiar)



3
5 **HORIZONTAL CROSS SECTION**
Direct to Masonry
Outswing Shown (Inswing Similiar)



4
5 **HORIZONTAL CROSS SECTION**
Direct to Masonry
Outswing Shown (Inswing Similiar)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR
DOOR CONSTRUCTION DETAILS NOT SHOWN, INCLUDING LOCK
HARDWARE, ASTRAGAL, HINGE & THRESHOLD CONNECTIONS.

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

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

PRODUCT: ENDURA COMPONENTS
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	8/03/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	8/12/19	REVISE DESIGN PRESSURES LFS

DATE: 1/31/19

SCALE: N.T.S.

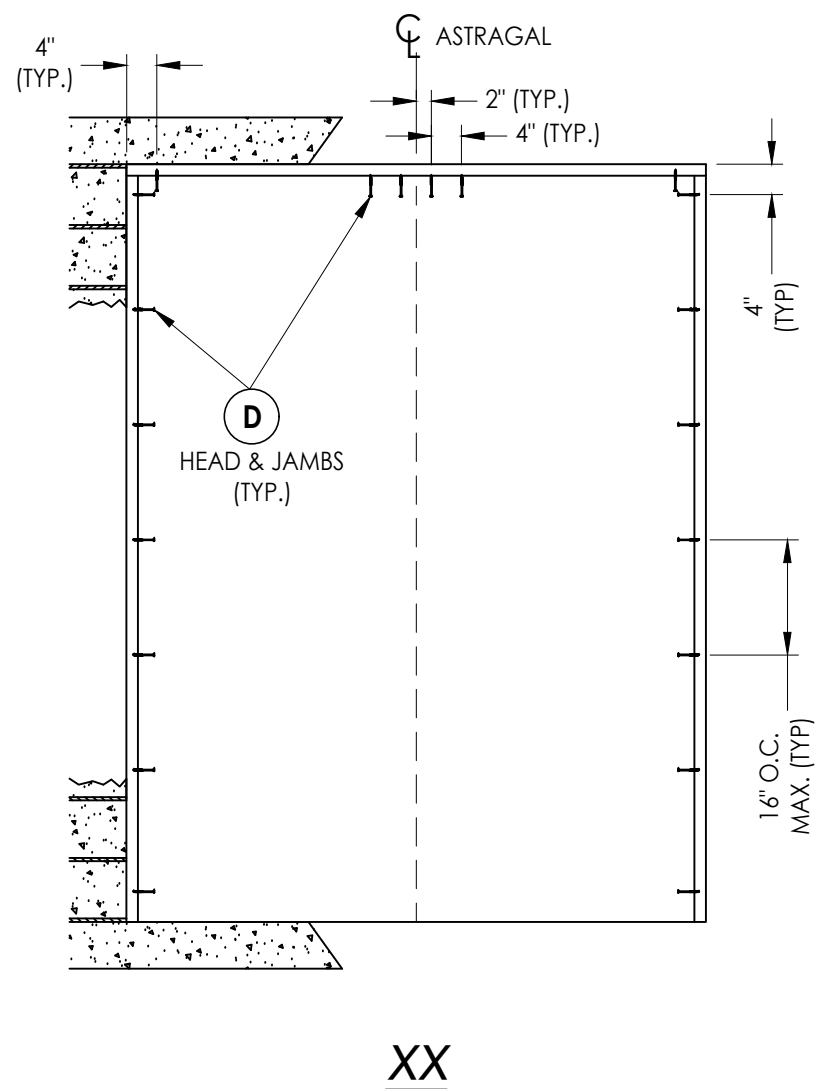
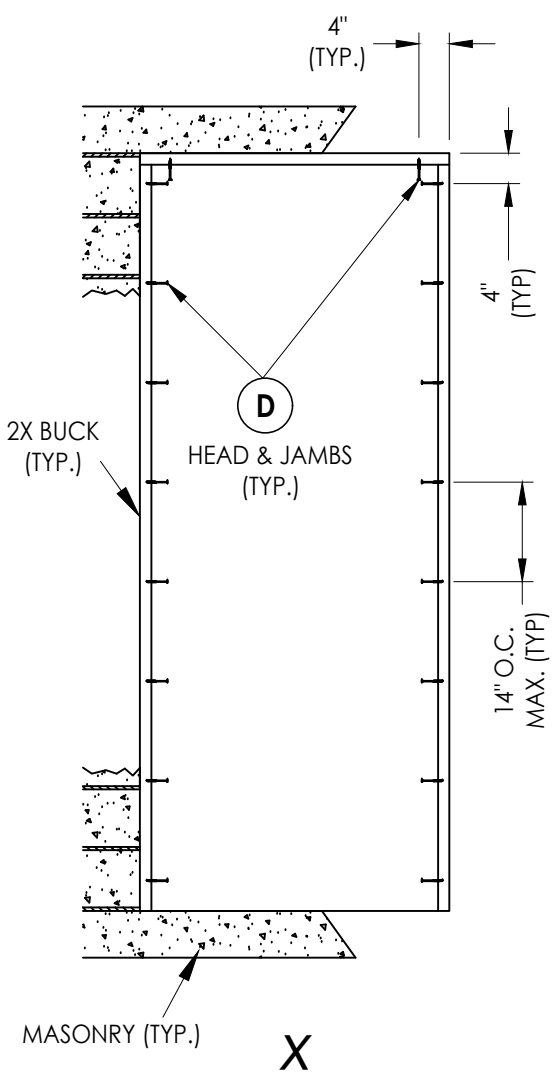
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SHEET 5 OF 8

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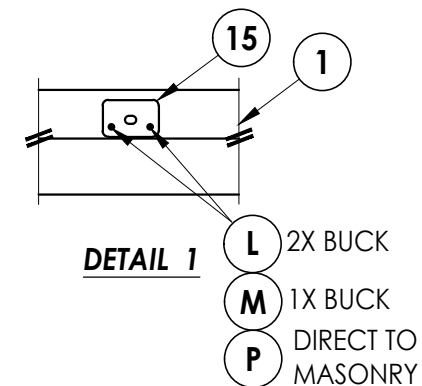
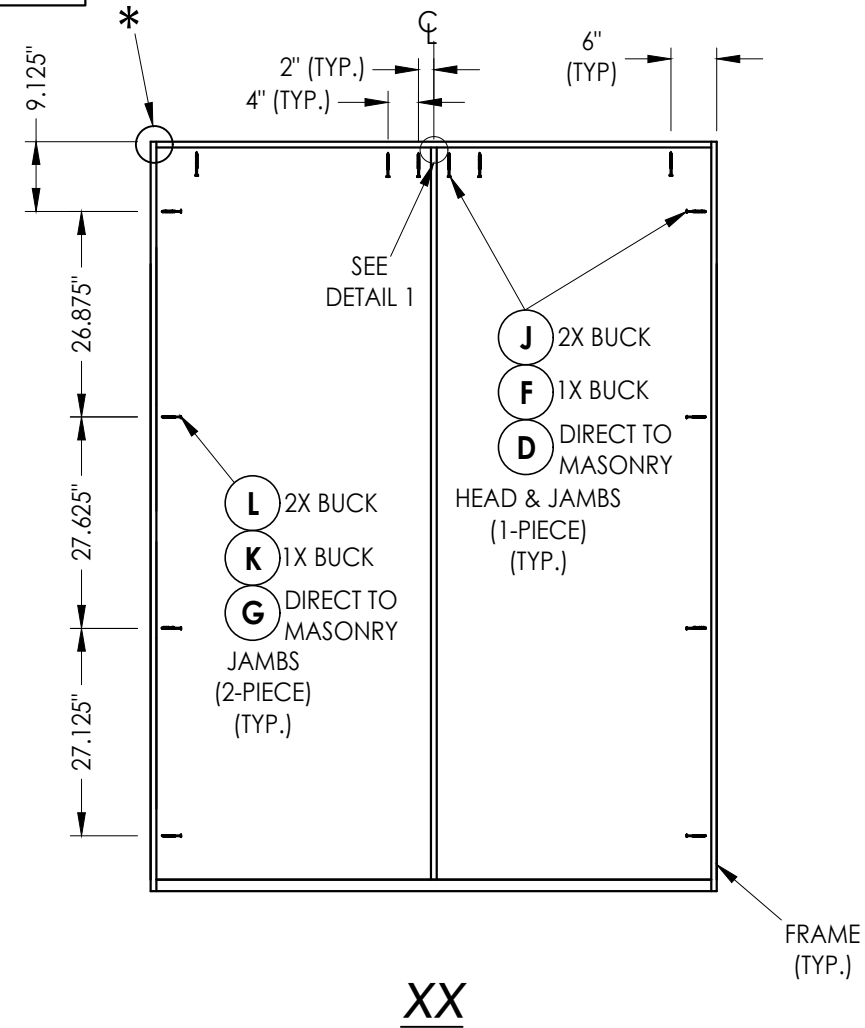


2X BUCK ANCHORING

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR
DOOR CONSTRUCTION DETAILS NOT SHOWN, INCLUDING LOCK
HARDWARE, ASTRAGAL, HINGE & THRESHOLD CONNECTIONS.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: ENDURA COMPONENTS		PART OR ASSEMBLY: BUCK ANCHORING	
DATE: 1/31/19		NO.		DATE	
SCALE: N.T.S.		NO.		DATE	
DWG. BY: RW		NO.		DATE	
CHK. BY: LFS		NO.		DATE	
DRAWING NO.: FL-25610.7		NO.		DATE	
SHEET 6 OF 8		NO.		DATE	
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		NO.		DATE	

JAMB NOTE:
THE "FusionFrame" 1-PIECE JAMB MAY BE INSTALLED @ THE HEAD OR SIDE JAMB. THE 2-PIECE JAMB MAY BE INSTALLED @ THE SIDE JAMBS ONLY.



NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR
DOOR CONSTRUCTION DETAILS NOT SHOWN, INCLUDING LOCK
HARDWARE, ASTRAGAL, HINGE & THRESHOLD CONNECTIONS.

[illegible]

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

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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 (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	#10 X 3" PFH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	3/16" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
1	HEAD/SIDE JAMB (1-PIECE) (ENDURA "FusionFrame")	COMP/LVL
2	SIDE JAMB (2-PIECE) (ENDURA "FusionFrame")	COMP/LVL
7	WEATHERSTRIP	FOAM
10	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
15	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL
16	#12 X 2-1/2" PFH WOOD SCREW	STEEL
17	#8 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL (BY OTHERS - SEE GENERAL NOTE 5, SHEET 1)	-

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.

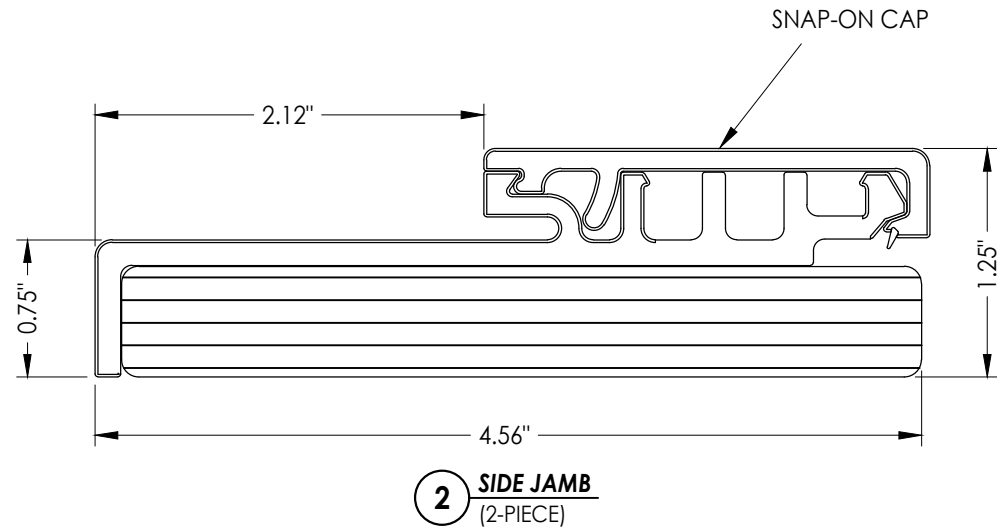
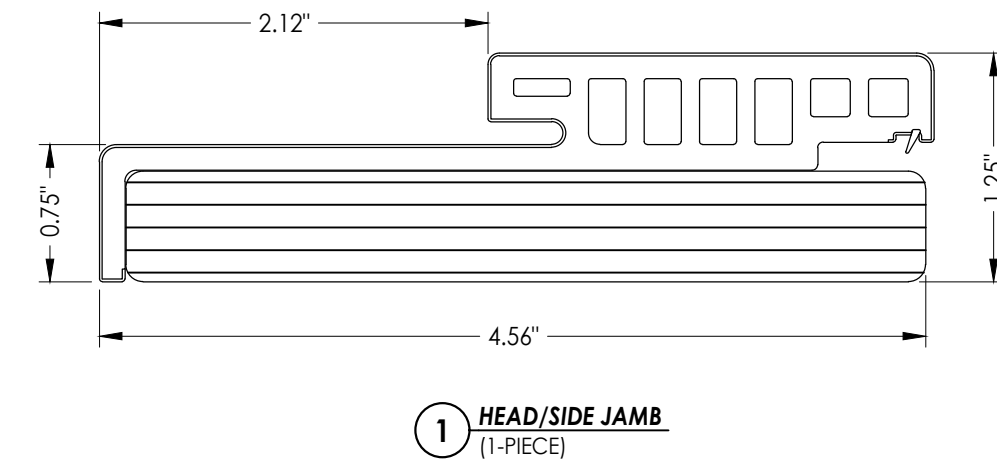
CONCRETE ANCHOR NOTES:

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 TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	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.



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409						ENDURA COMPONENTS PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS						4 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS 3 7/06/23 UPDATE TO 8TH ED. (2023) FBC LFS 2 8/03/20 UPDATE TO 7TH ED. (2020) FBC LFS 1 8/12/19 REVISE DESIGN PRESSURES LFS BY NO. DATE REVISIONS					
DATE: 1/31/19																	
SCALE: N.T.S.																	
DWG. BY: RW																	
CHK. BY: LFS																	
DRAWING NO.: FL-25610.7																	
SHEET 8 OF 8																	