

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany

Series N Fiberglass Door

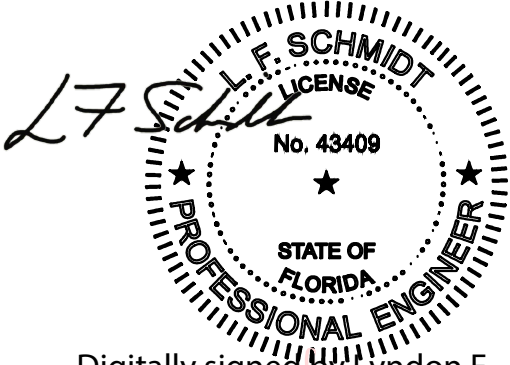
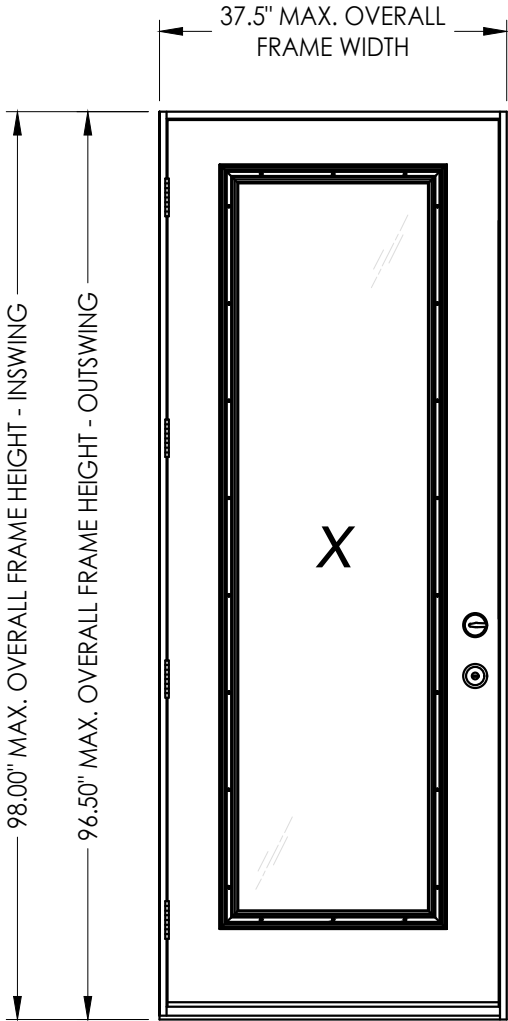
INSWING / OUTSWING

"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations (using sill Items #30 & 34) meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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2	Door panel details and glazing detail
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5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck and frame anchoring
9	Bill of materials & components



Digitally signed by Lyndon F Schmidt
Date: 2026.08.03 08:27:40 -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

SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.50" x 98.0"	+47.0	-47.0
OUTSWING	37.50" x 96.5"	+47.0	-47.0

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

PLASTPRO INC
FIBERGLASS DOOR

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

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15220.11

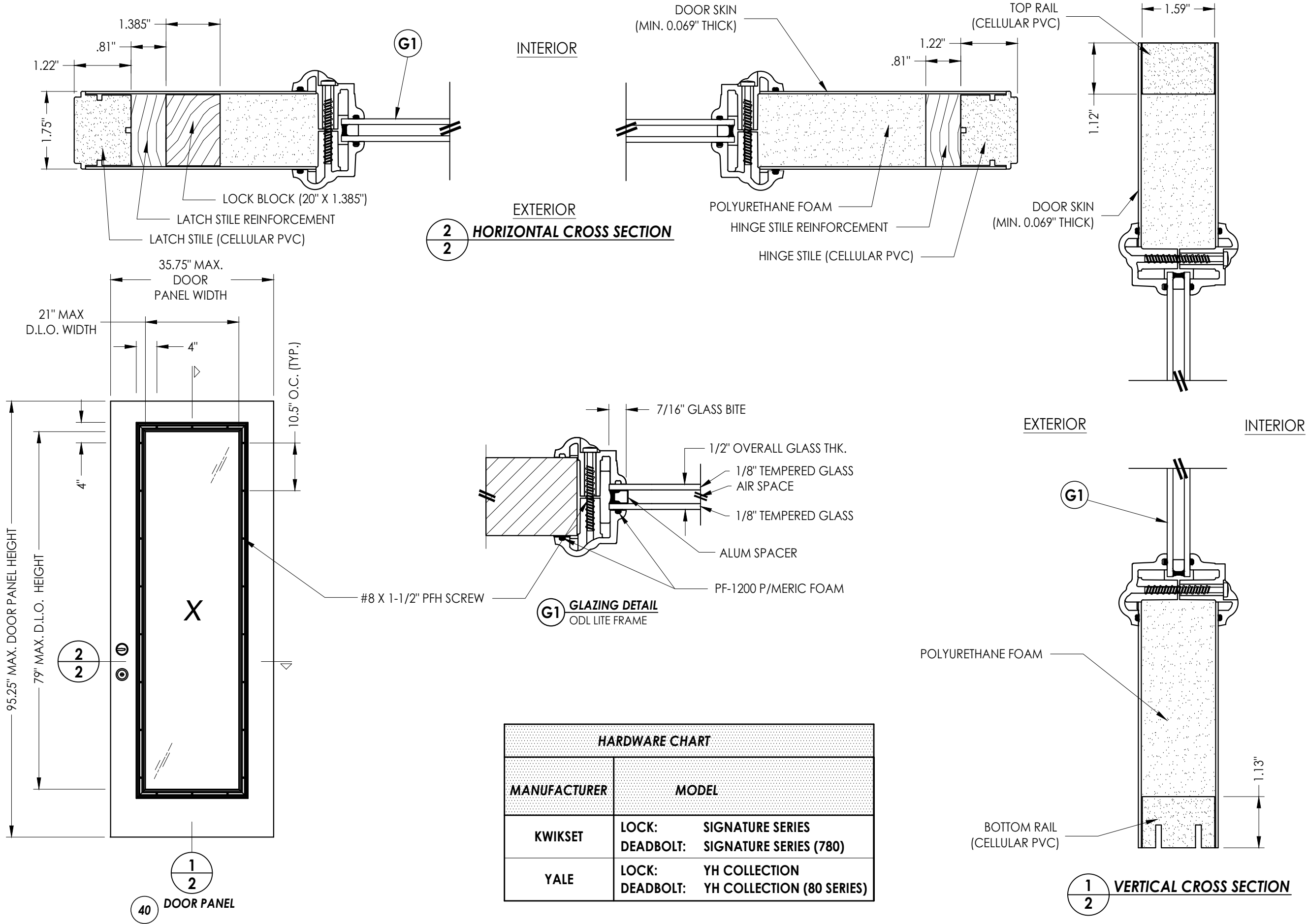
SHEET 1 OF 9

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

REVISIONS

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

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS
AND GLAZING DETAIL

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

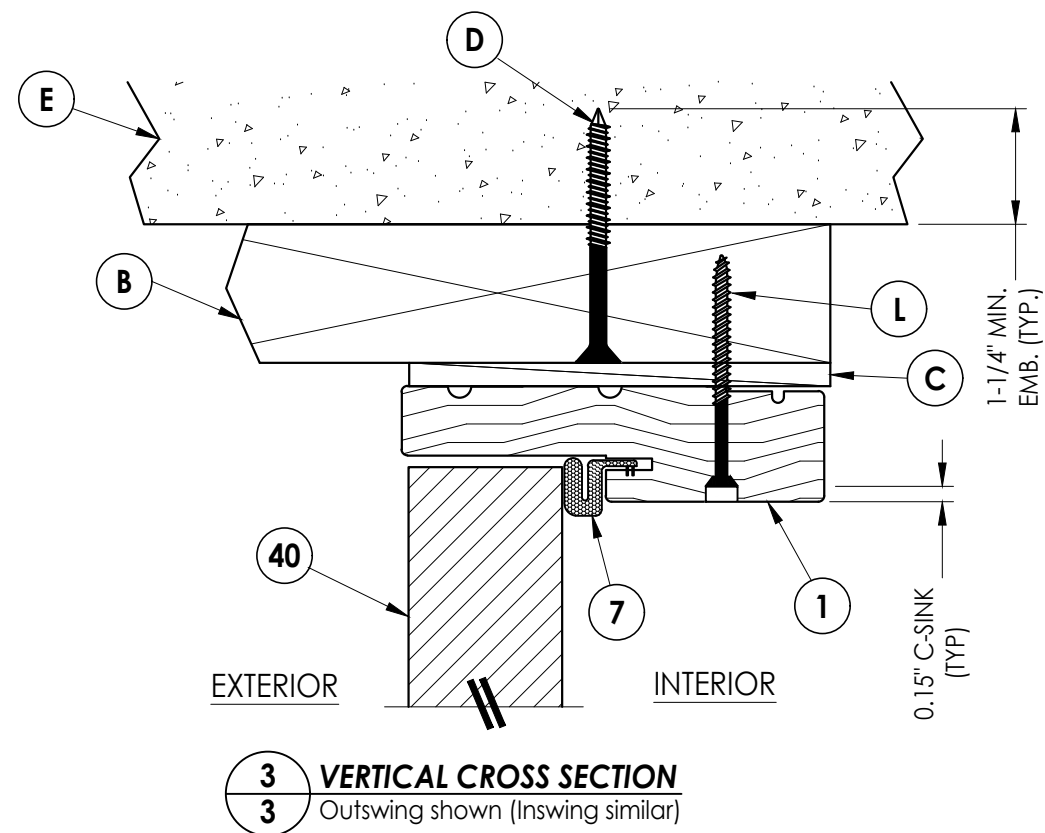
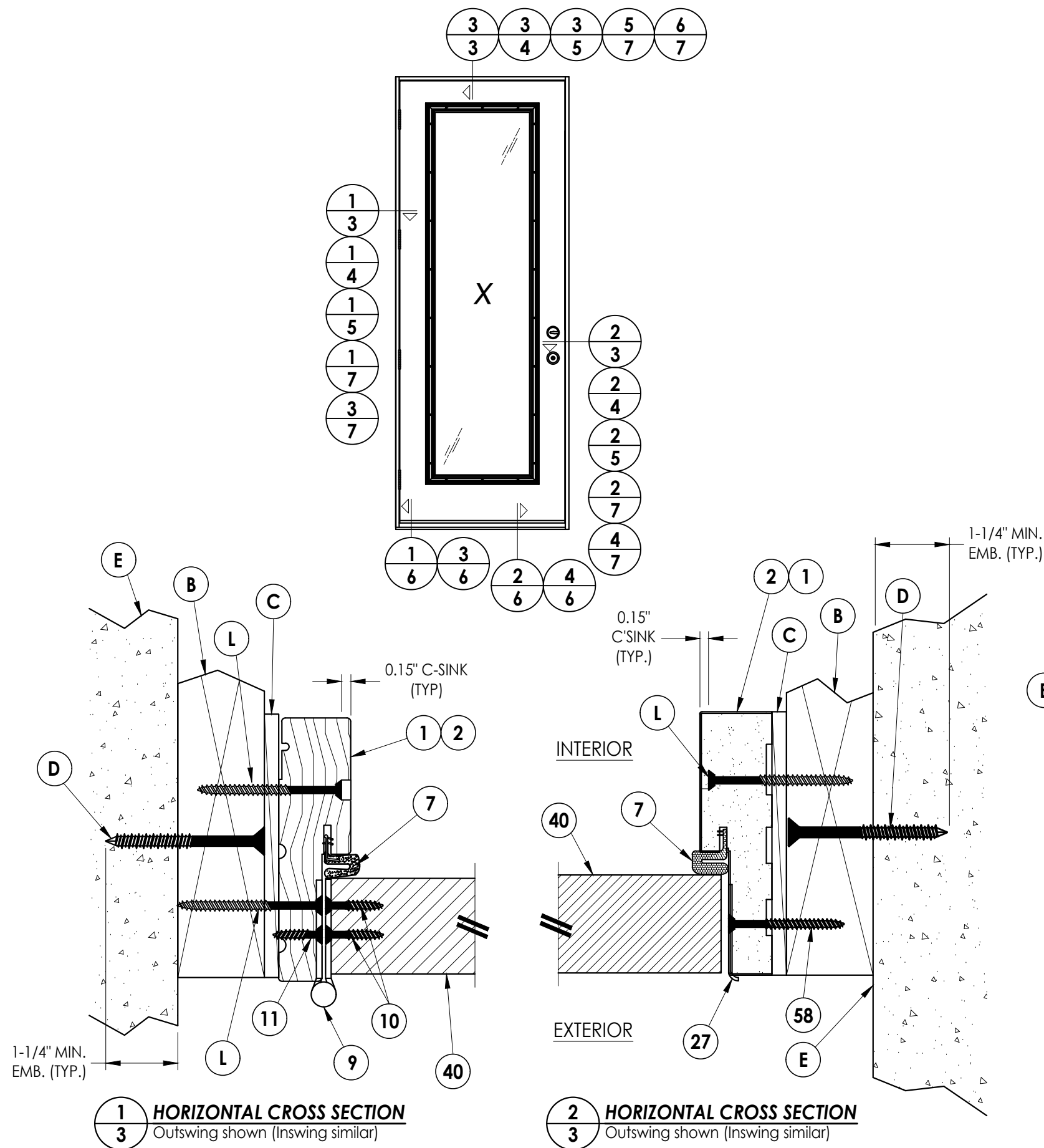
CHK. BY: LFS

DRAWING NO.: FL-15220.11

SHEET 2 OF 9

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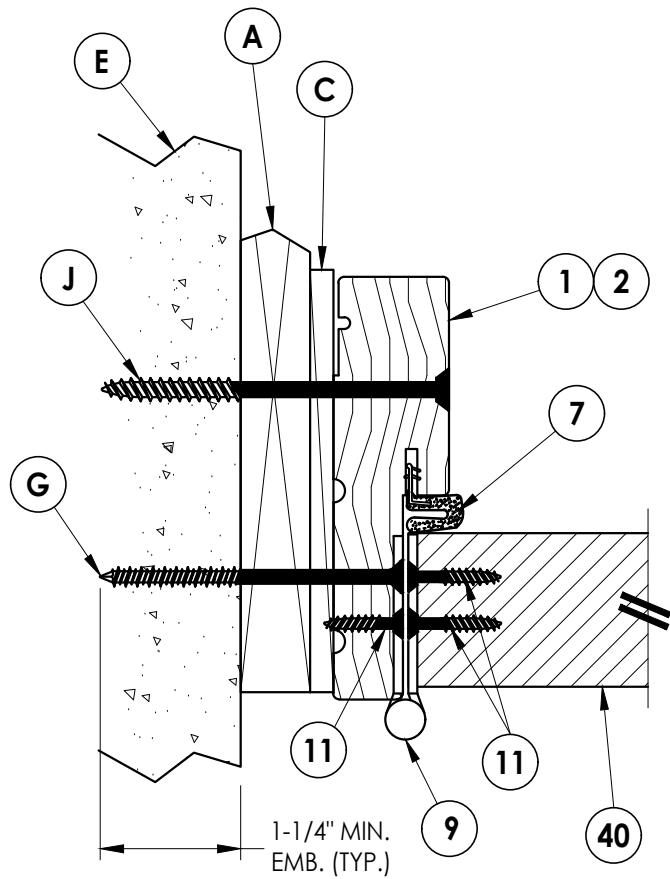
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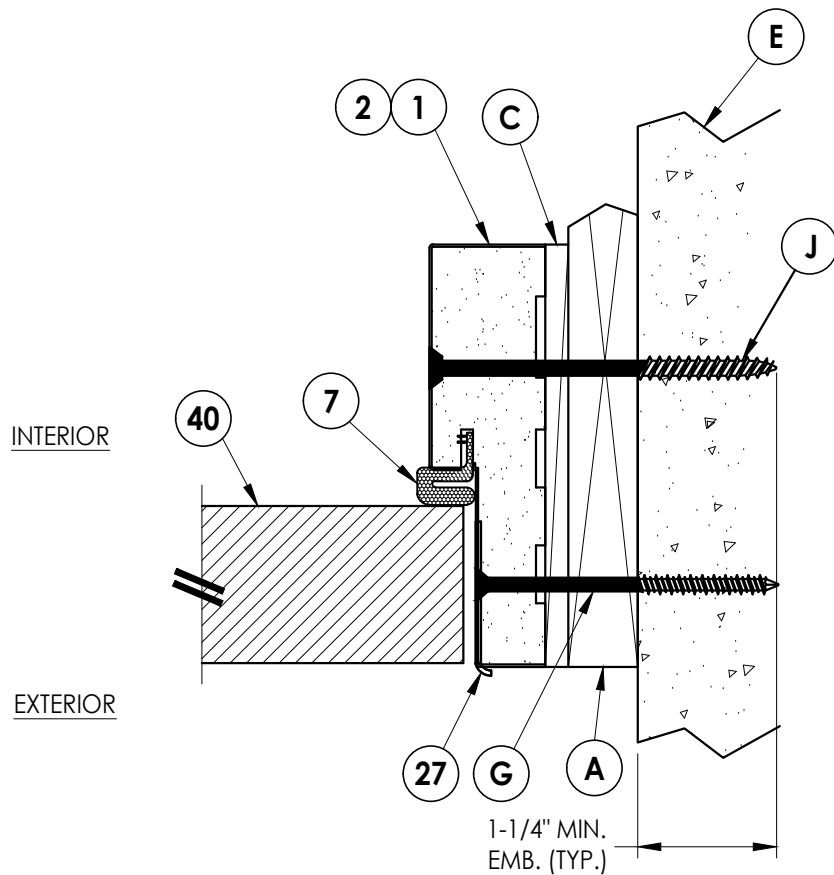
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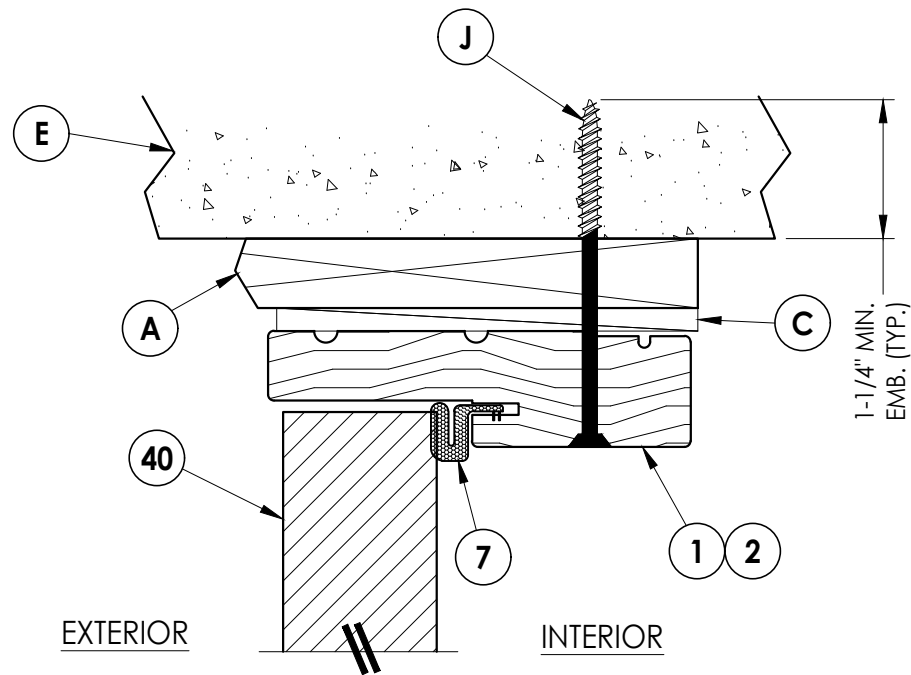
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1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

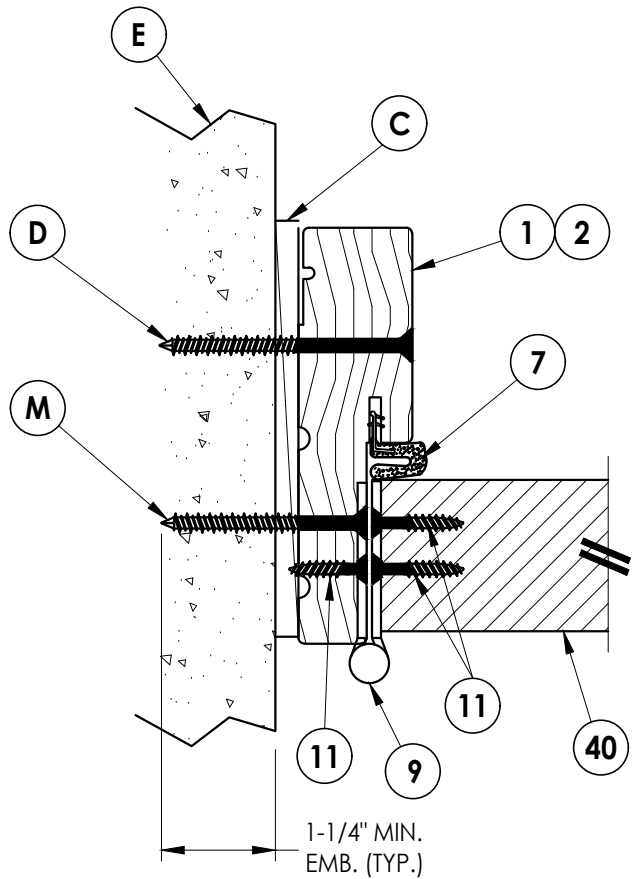


2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



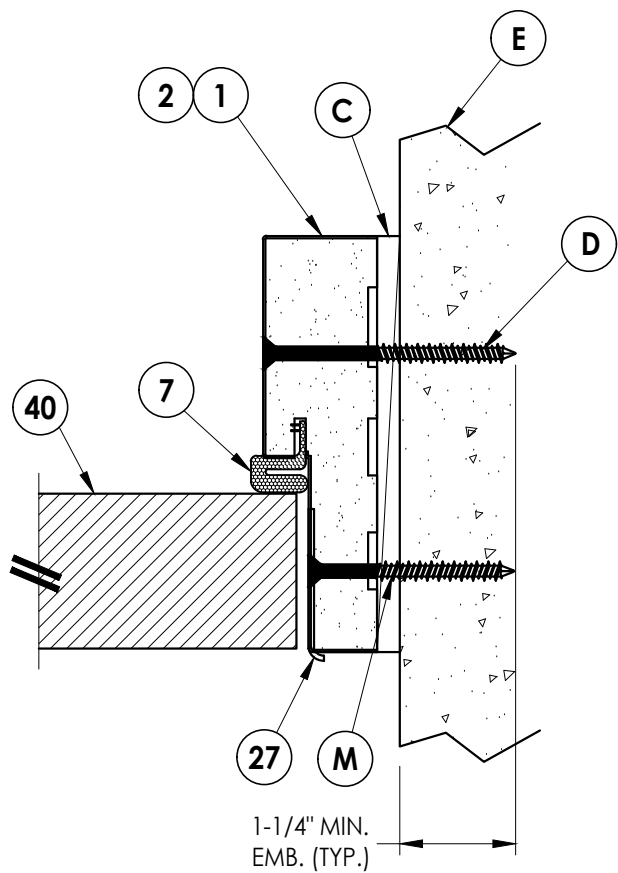
3 **VERTICAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)					
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
5	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	6/28/22	ADD ADA THRESHOLDS		LFS			
NO.	DATE			BY			
				REVISIONS			
DATE: 02/20/12							
SCALE: N.T.S.							
DWG. BY: JK							
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DRAWING NO.: FL-15220.11							
SHEET 4 OF 9							

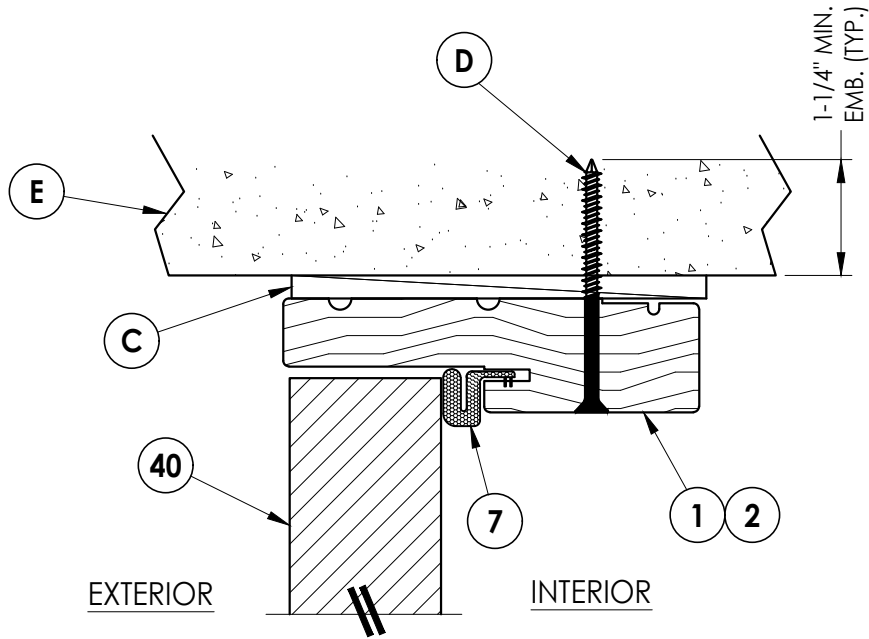


1 **HORIZONTAL CROSS SECTION**
5 Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR
EXTERIOR



2 **HORIZONTAL CROSS SECTION**
5 Shown Direct to Masonry
Outswing shown (Inswing similar)



3 **VERTICAL CROSS SECTION**
5 Shown Direct to Masonry
Outswing shown (Inswing similar)

DATE: 02/20/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15220.11
SHEET 5 OF 9

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLDS LFS
3		
2		
1		

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

Documents Prepared By:
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1 6 VERTICAL CROSS SECTION Outswing configuration

2 **VERTICAL CROSS SECTION**
6 Inswing configuration

3 **VERTICAL CROSS SECTION**
6 ADA Outswing configuration

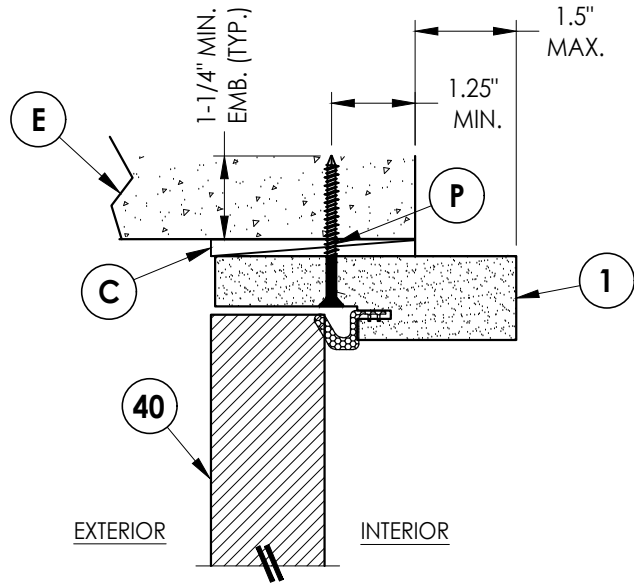
4 **VERTICAL CROSS SECTION**
6 ADA Inswing configuration

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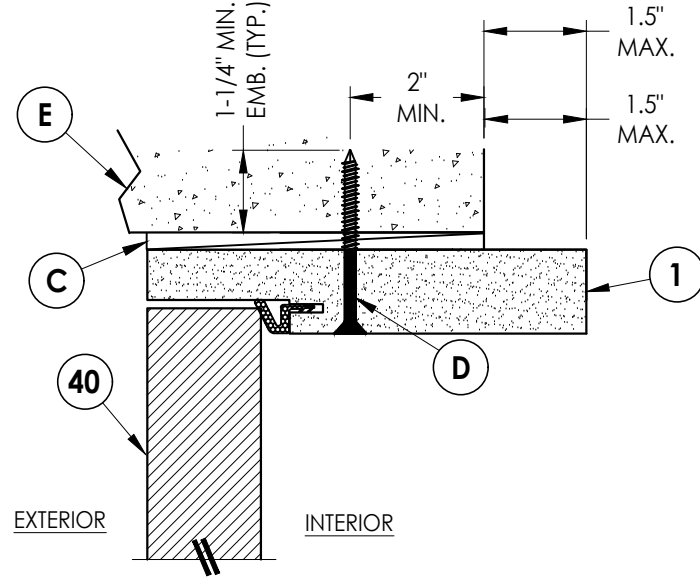
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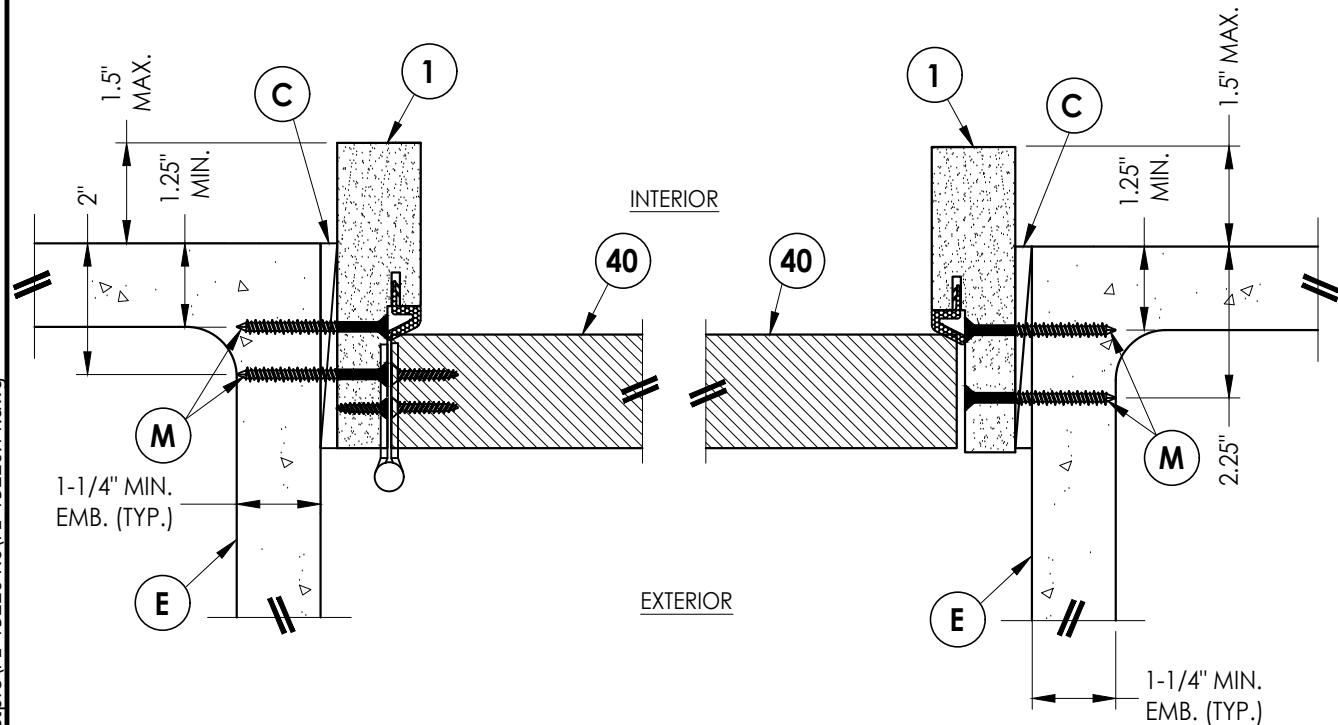
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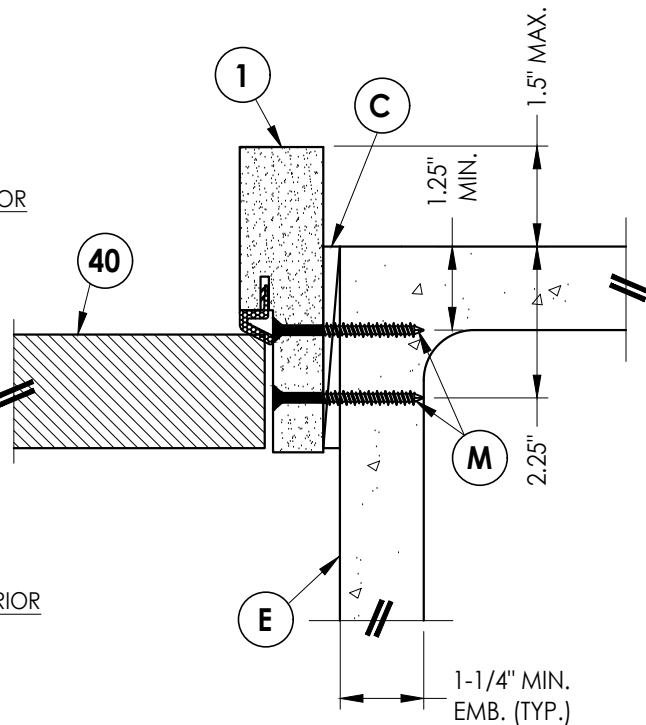
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



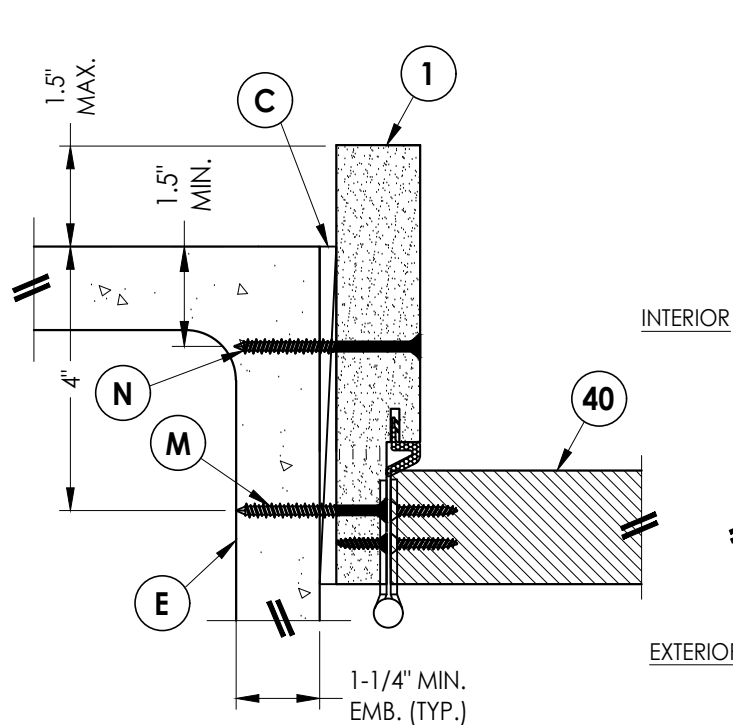
6 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



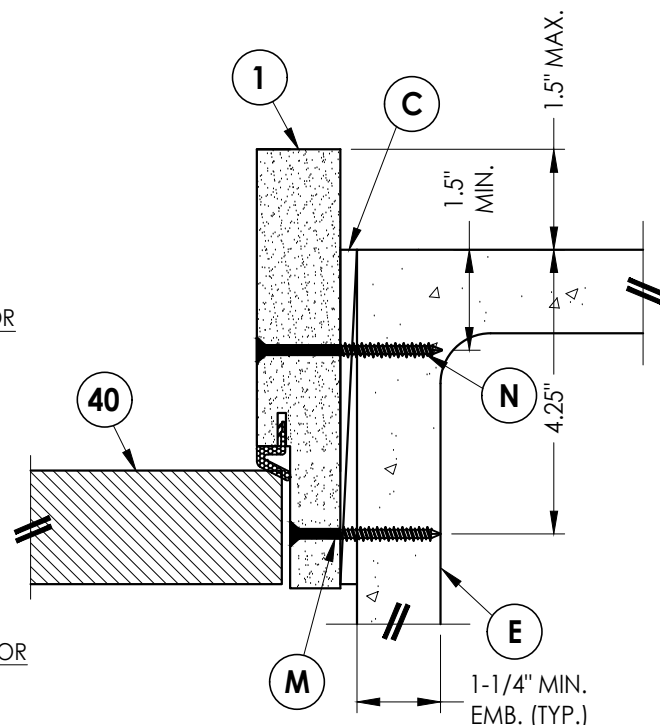
1 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



4 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC
4	6/28/22	ADD ADA THRESHOLDS
3		
2		
1		

DATE: 02/20/12

SCALE: N.T.S.

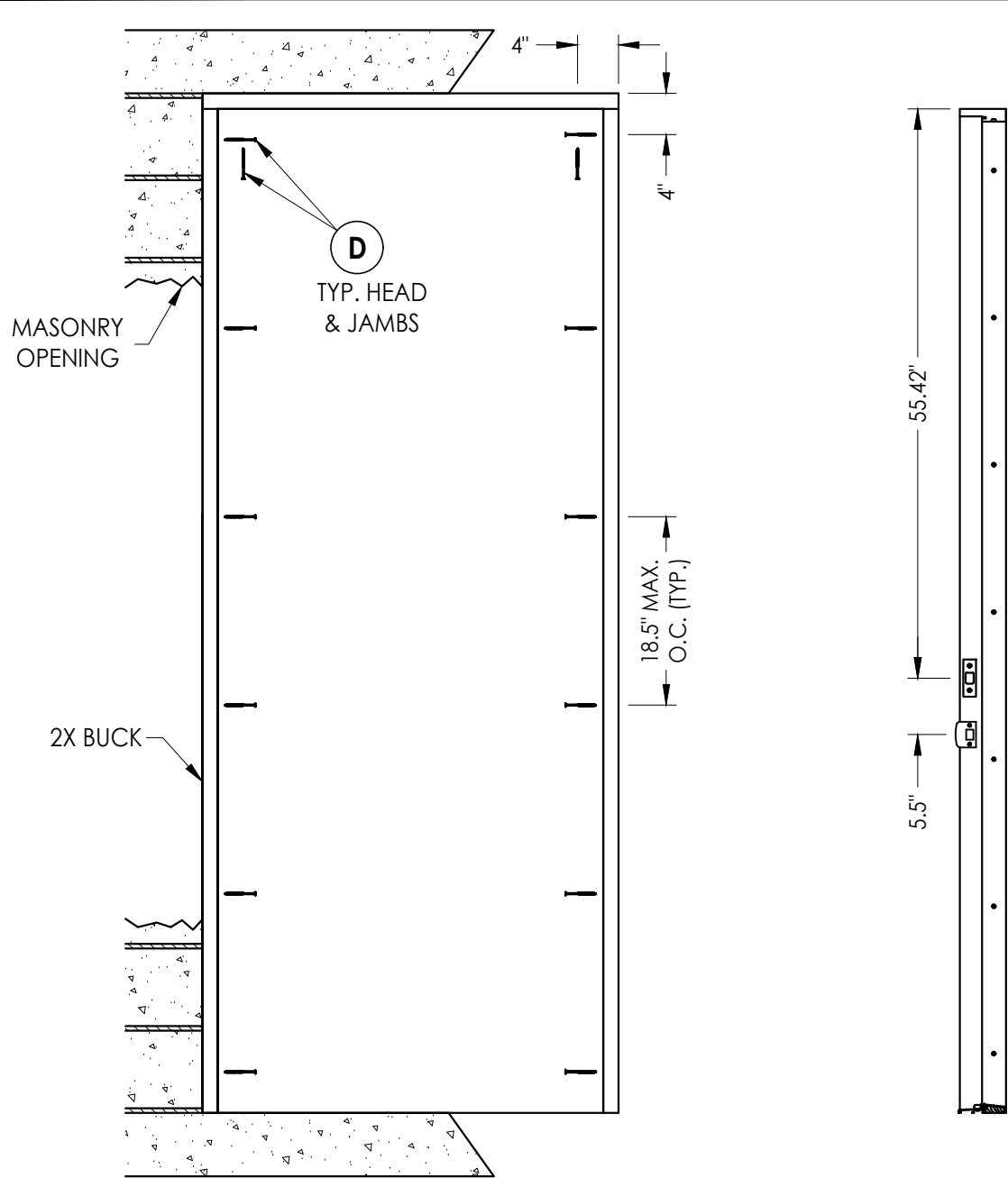
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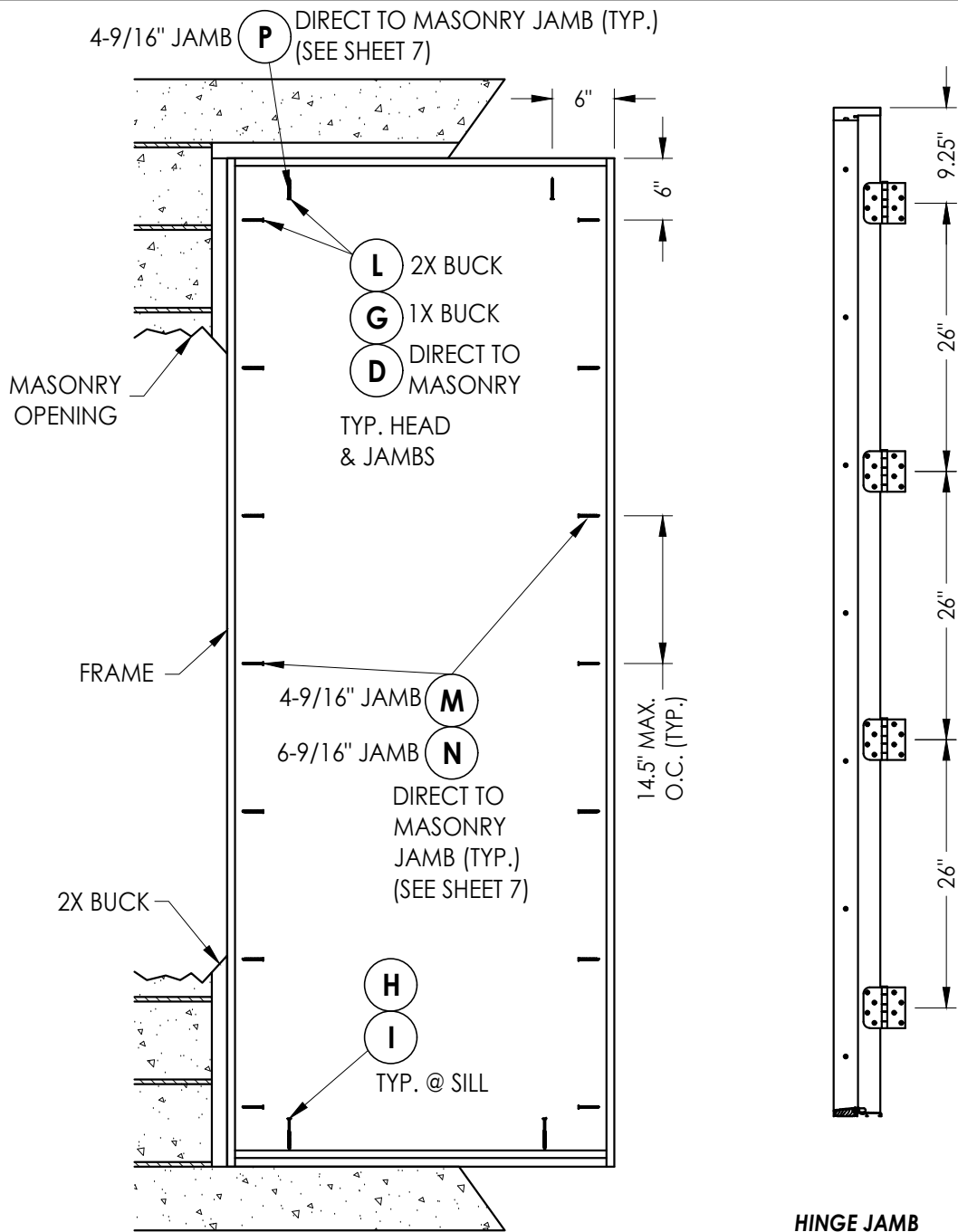
SHEET 7 OF 9

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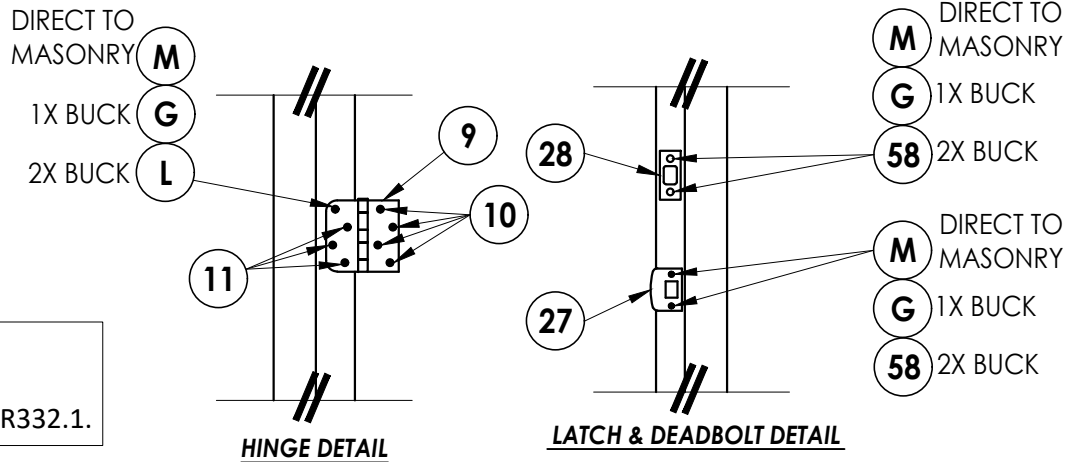
BUCK ANCHORING

STRIKE JAMB



FRAME ANCHORING

HINGE JAMB



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 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.

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FIBERGLASS DOOR

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Phone No.: 813.659.9197
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PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLDS LFS
3		
2		
1		

DATE: 02/20/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15220.11
SHEET 8 OF 9

