

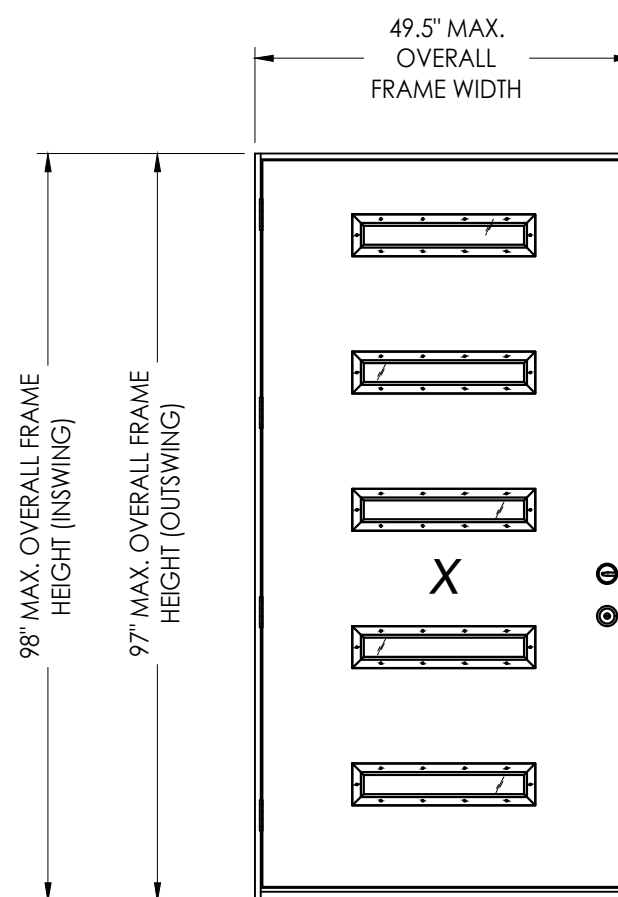


5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOORS
SINGLE
INSWING
"NON-IMPACT"

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 of the FBC.
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.

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

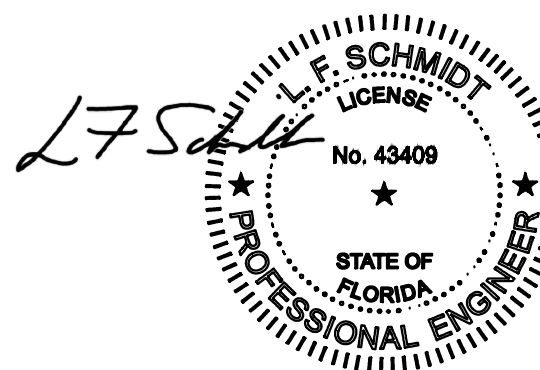


CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) IN SWING	
		POSITIVE	NEGATIVE
X	49.5" x 98.0"	+40.0	-45.0

Digitally signed by
Lyndon F Schmidt
Date: 2026.04.16
13:19:23 -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

RAI BUILDING CONSULTANTS, INC.

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

[illegible]

DATE: 4/07/26

SCALE: N.T.S.

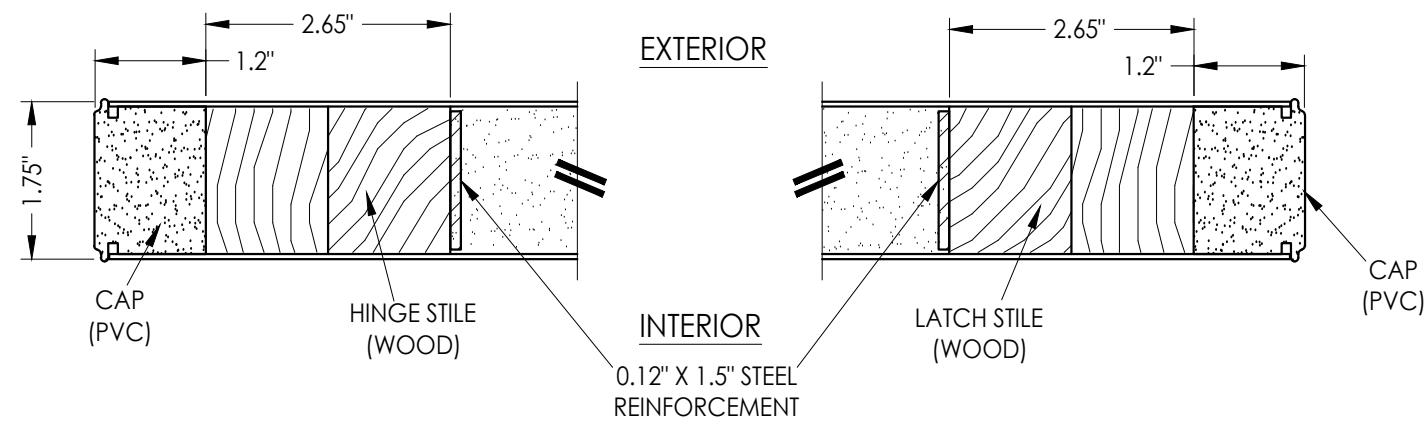
DWG. BY: LFS

CHK. BY: RW

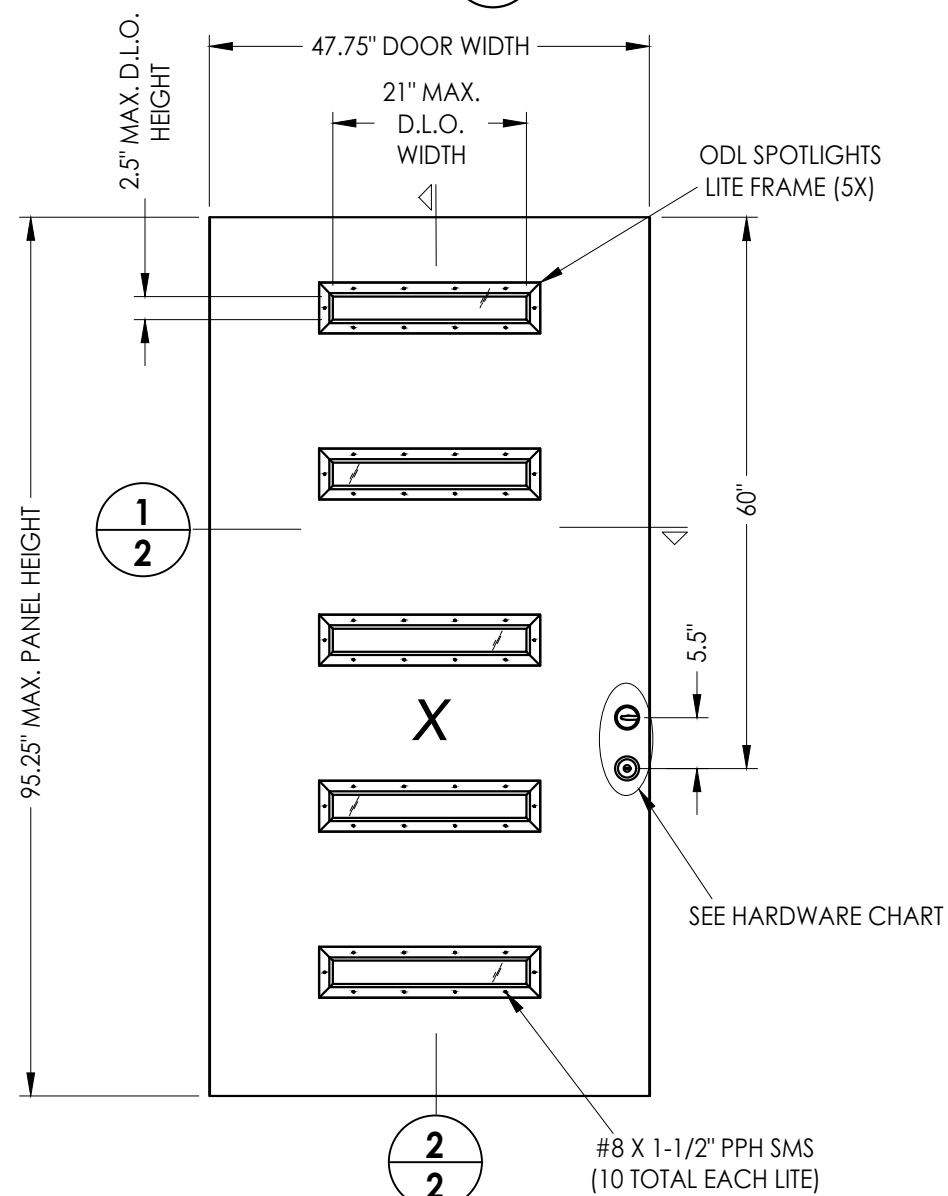
DRAWING NO.:

FL-48162.2

SHEET 1 OF 7

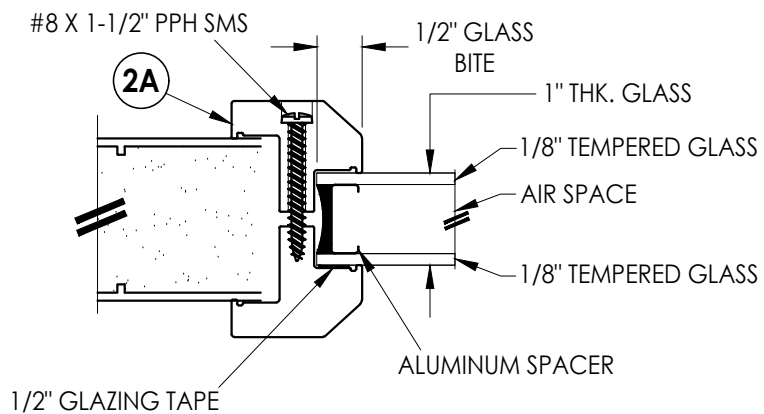


1 HORIZONTAL CROSS SECTION

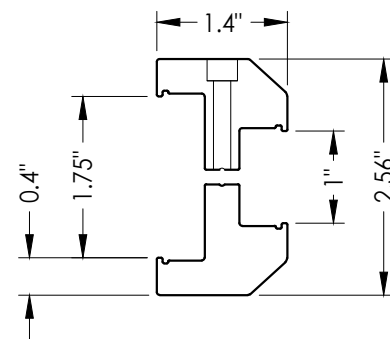


40 PLASTPRO DOOR PANEL

FIBERGLASS SKIN: 0.075" MIN. THK.
CORE MATERIAL: POLYURETHANE FOAM

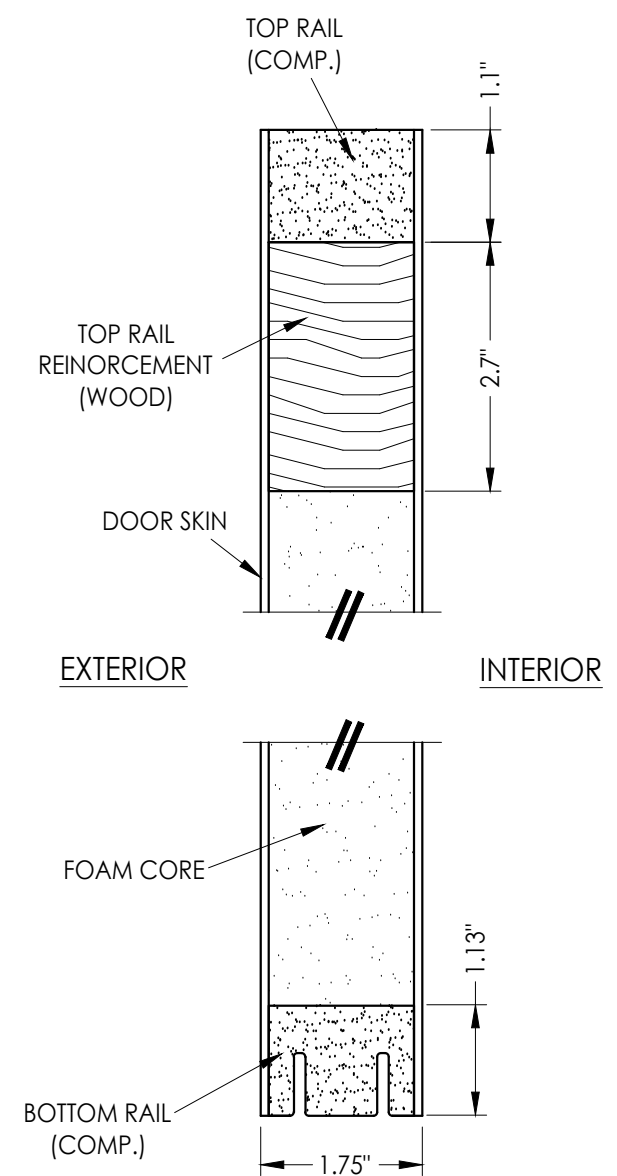


G1 GLAZING DETAIL



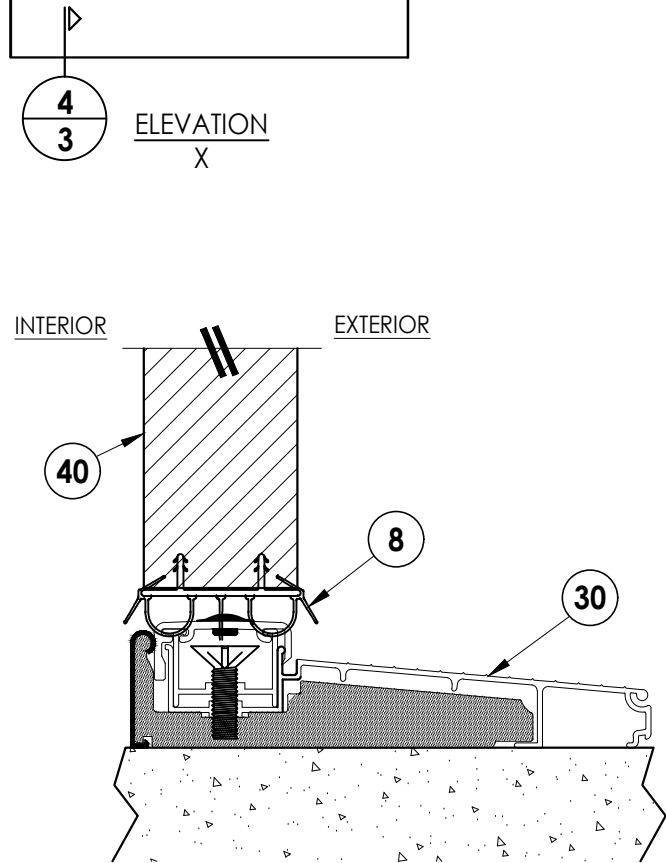
2A SPOTLIGHTS LITE FRAME
PVC

HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F-SERIES (F51) DEADBOLT: B-SERIES (B60)

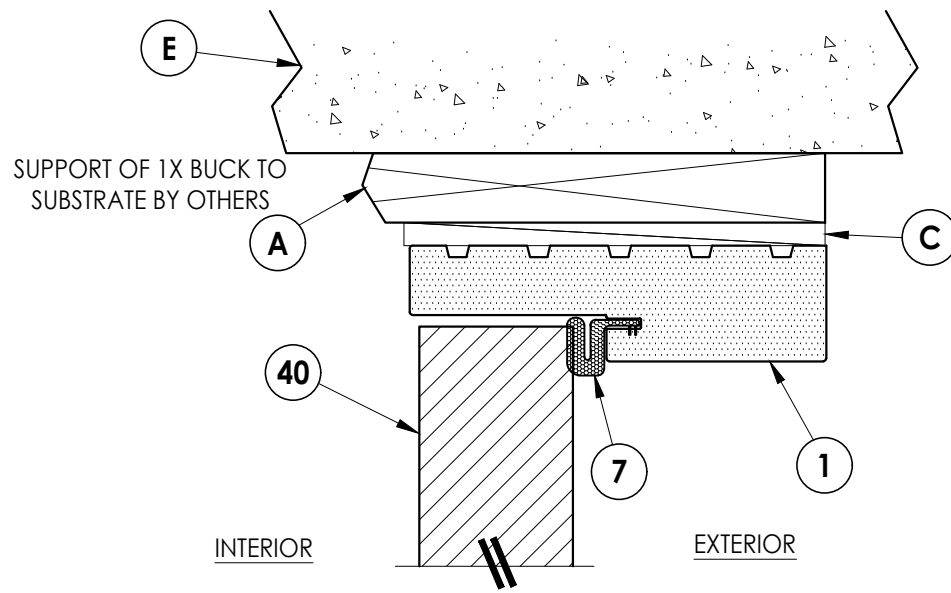


2 VERTICAL CROSS SECTION
2

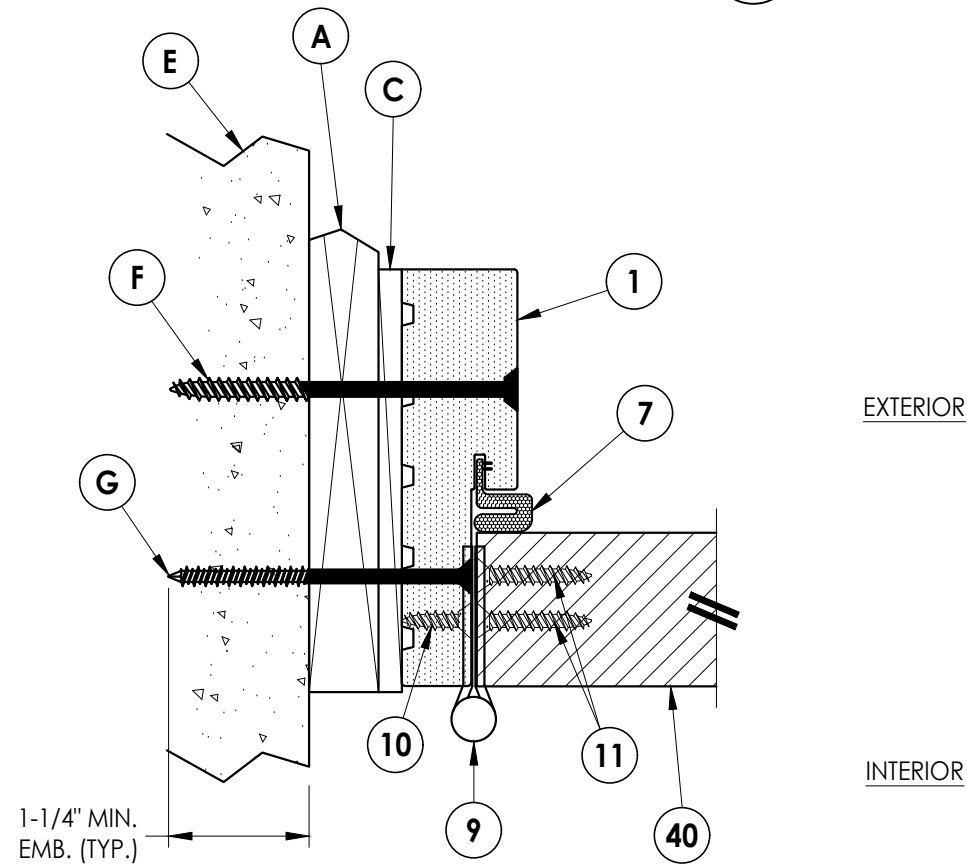
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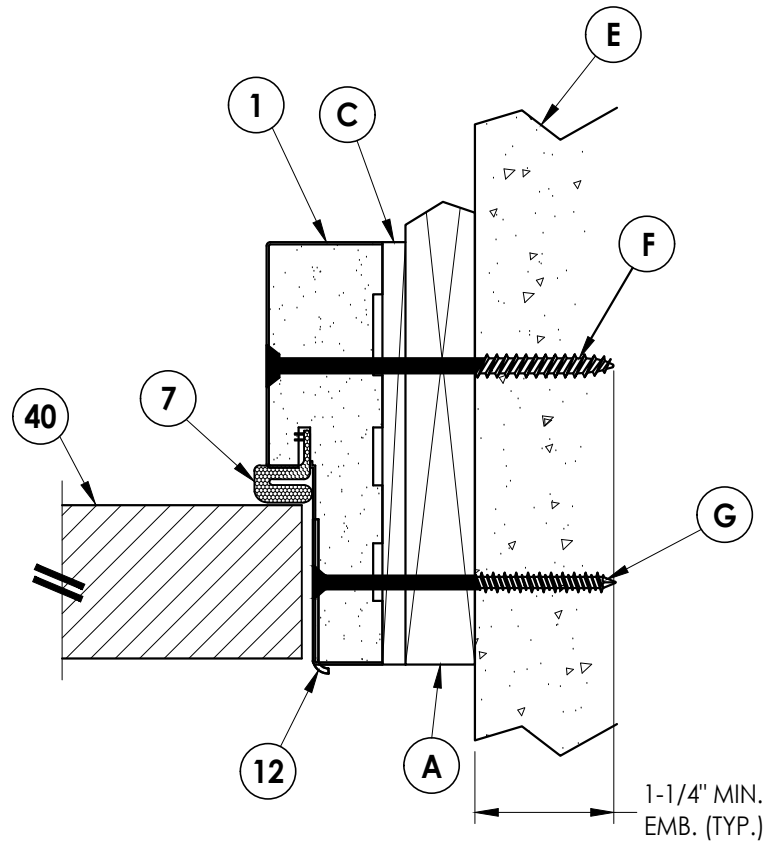
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3 VERTICAL CROSS SECTION
4 Shown w/ 1X Buck



1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X Buck

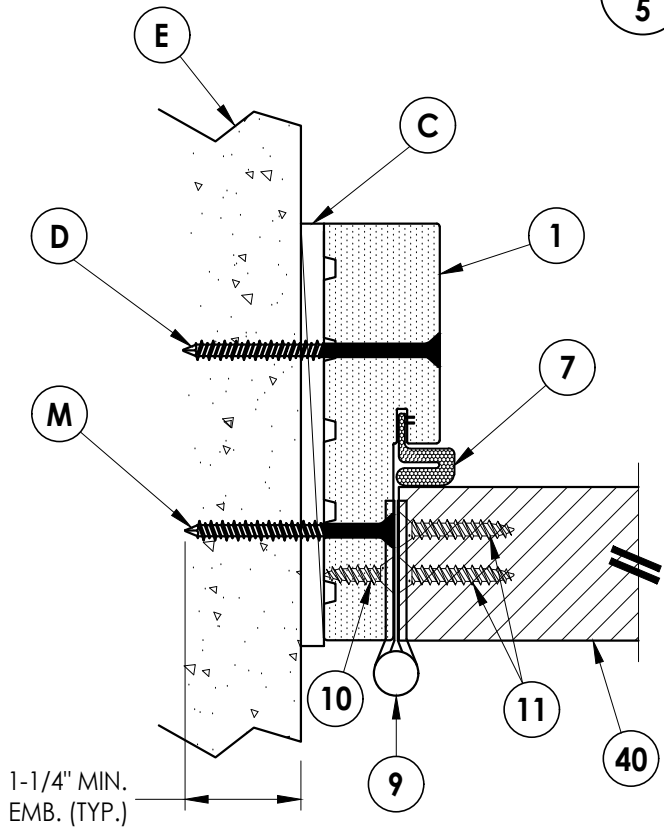


2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X Buck

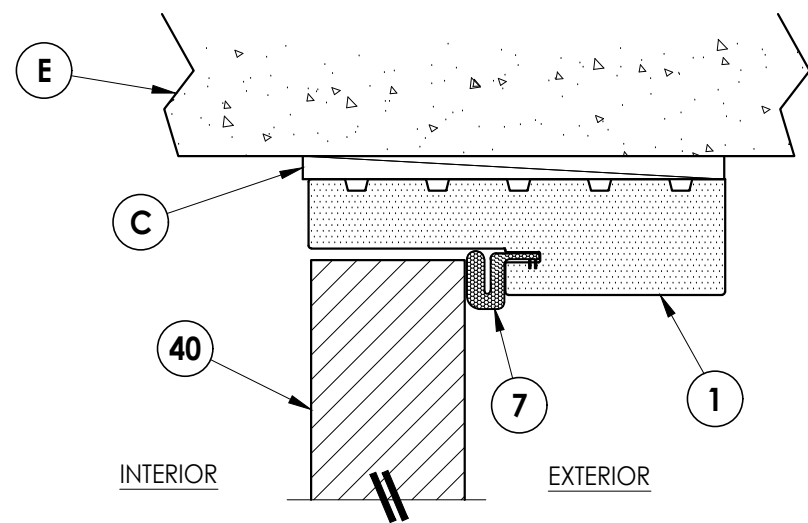
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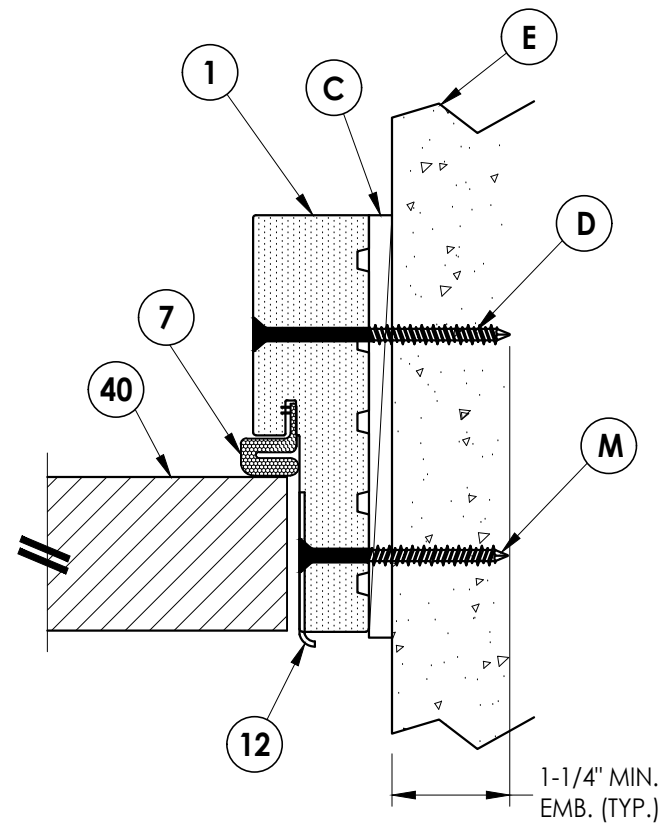
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813



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



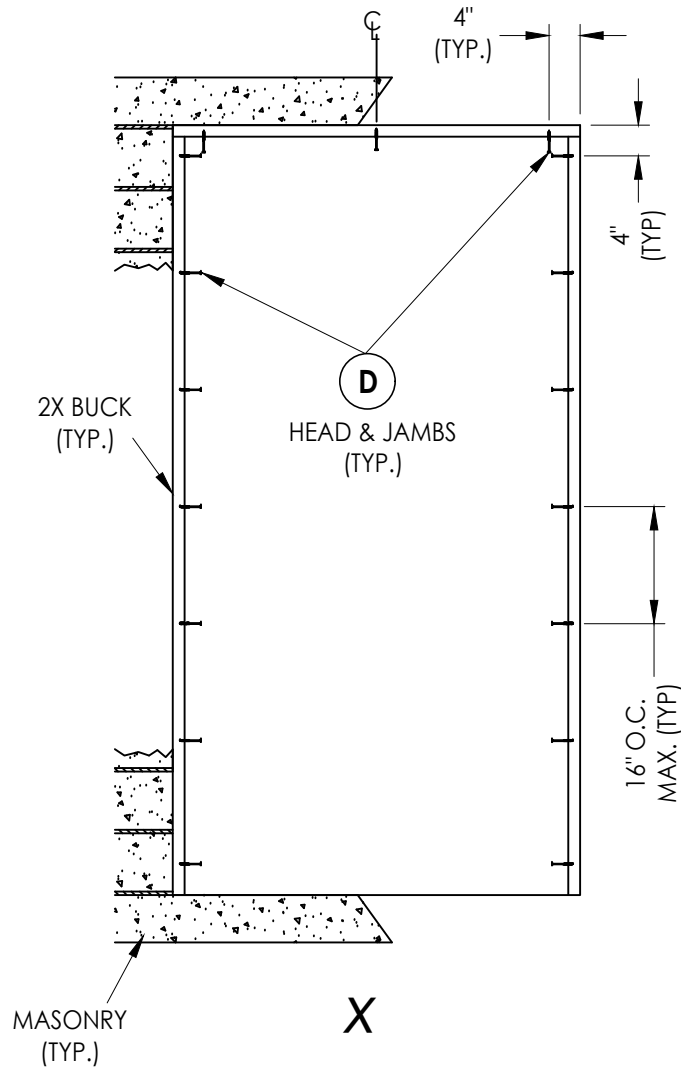
3 VERTICAL CROSS SECTION
5 Shown Direct to Masonry



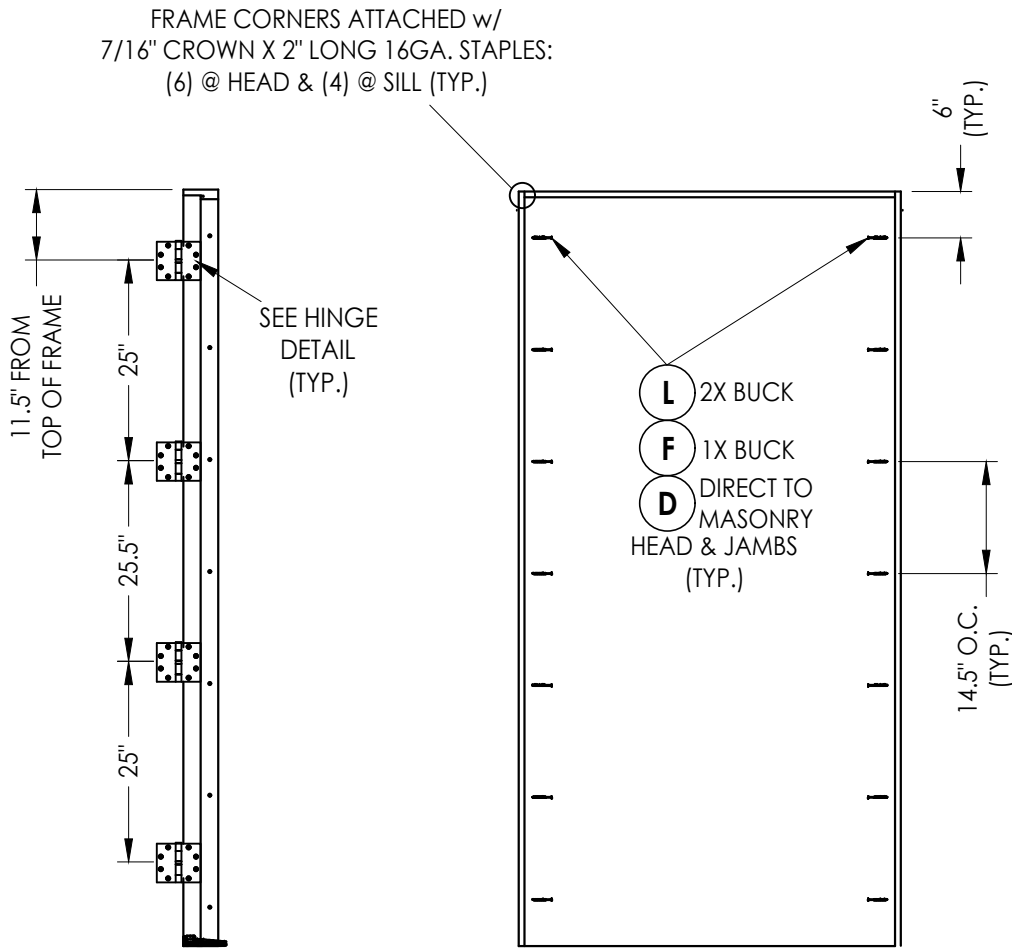
2 **HORIZONTAL CROSS SECTION**
5 Shown Direct to Masonry

DATE:	4/07/26
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-48162.2
SHEET	5 OF 7

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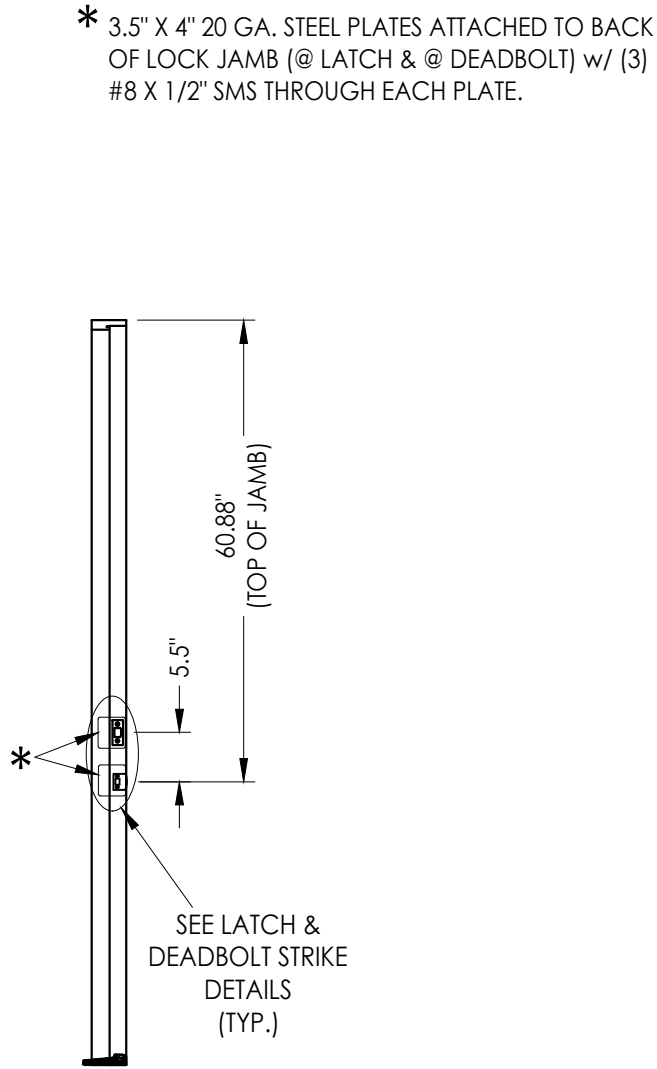


2X BUCK ANCHORING

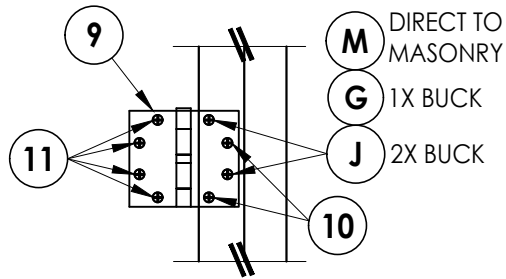


HINGE JAMB

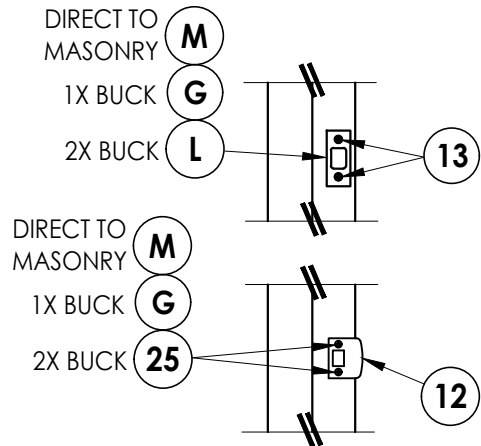
FRAME ANCHORING



STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT STRIKE PLATE DETAILS

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		BUCK & FRAME ANCHORING	
		NO.	DATE
		BY	

DATE:	4/07/26
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-48162.2
SHEET	6 OF 7

Documents Prepared By:
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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
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	#12 X 2-1/2" PFH SMS	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE JMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4-1/2" X 4-1/2" HINGE	STEEL
10	#12 X 3/4" PFH SMS	STEEL
11	#12 X 1-1/4" PFH SMS	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
30	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL	-

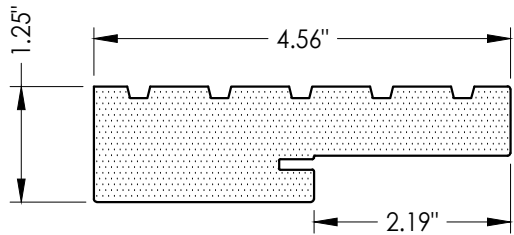
CONCRETE ANCHOR NOTES:

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:

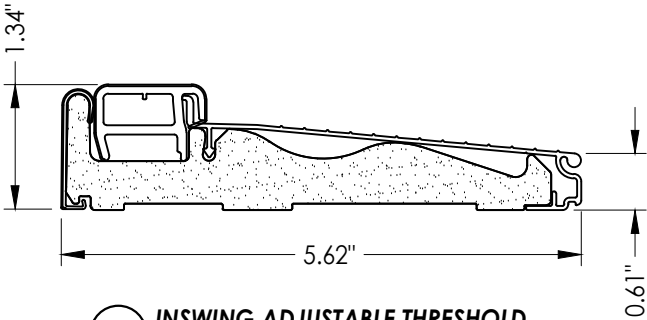
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"

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.



1 COMPOSITE JAMB
WORLDWIDE 4EVER



30 INSWING ADJUSTABLE THRESHOLD

[illegible]