



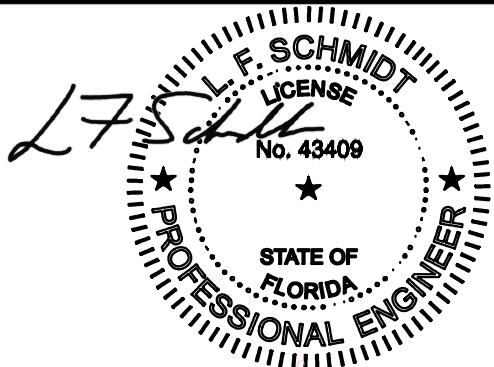
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOUBLE DOOR
w/ or w/out SIDELITES
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. 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.

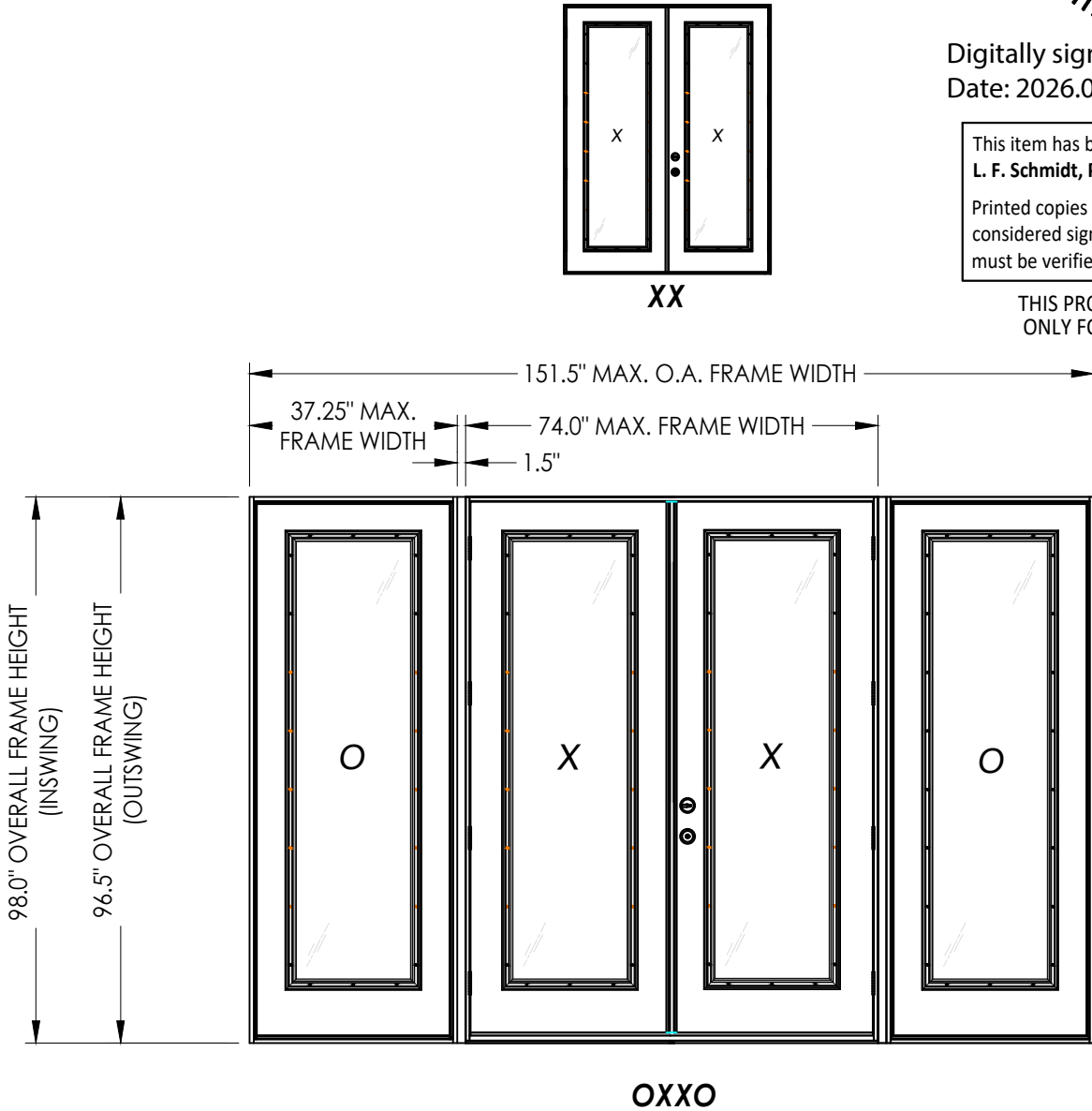
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Astragal details
11	Astragal details
12	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 09:42:11 -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	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74" X 98.0"	20.63" X 78.75"	+45.0	-45.0	+45.0	-45.0
OXXO	151.5" X 98.0"	20.63" X 78.75"	+45.0	-45.0	+45.0	-45.0

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

PLASTPRO INC
FIBERGLASS DOOR

7/02/26
UPDATE TO 9TH ED. (2026) FBC

8/22/23
UPDATE TO 8TH ED. (2023) FBC

10/17/22
ADD DLP ASTRAGAL

NO. DATE

REVISIONS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

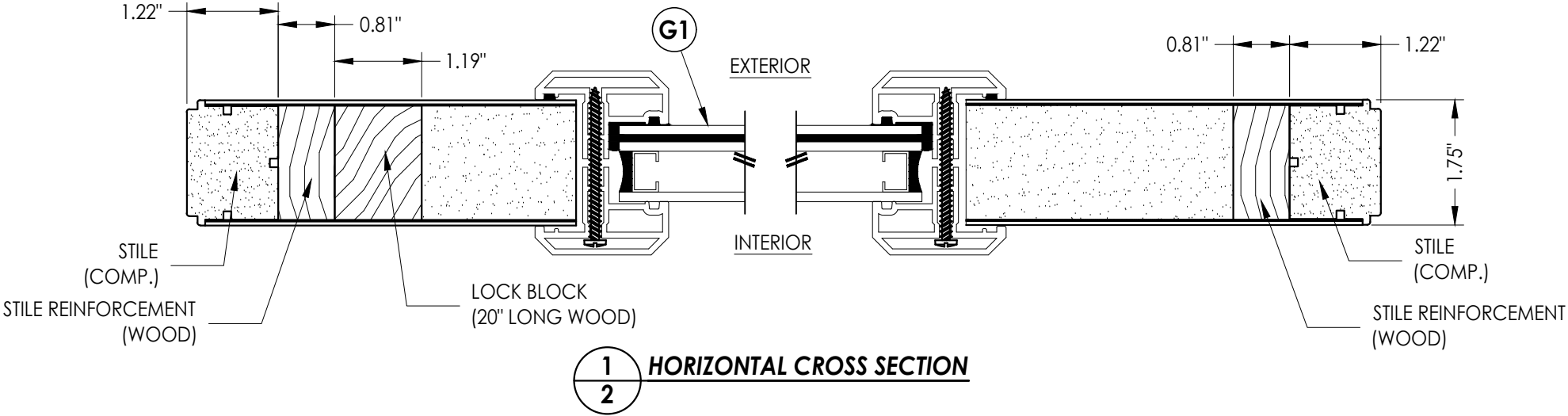
DRAWING NO.: FL-17184.2

SHEET 1 OF 12

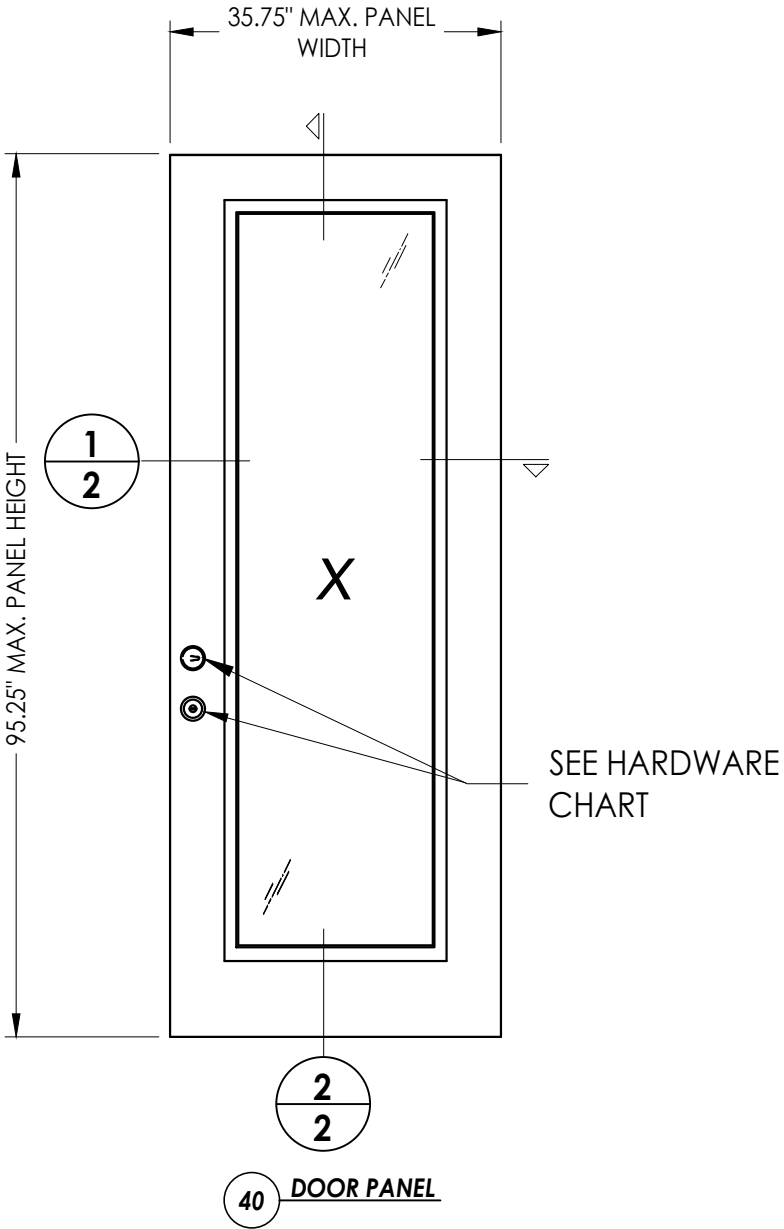
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg

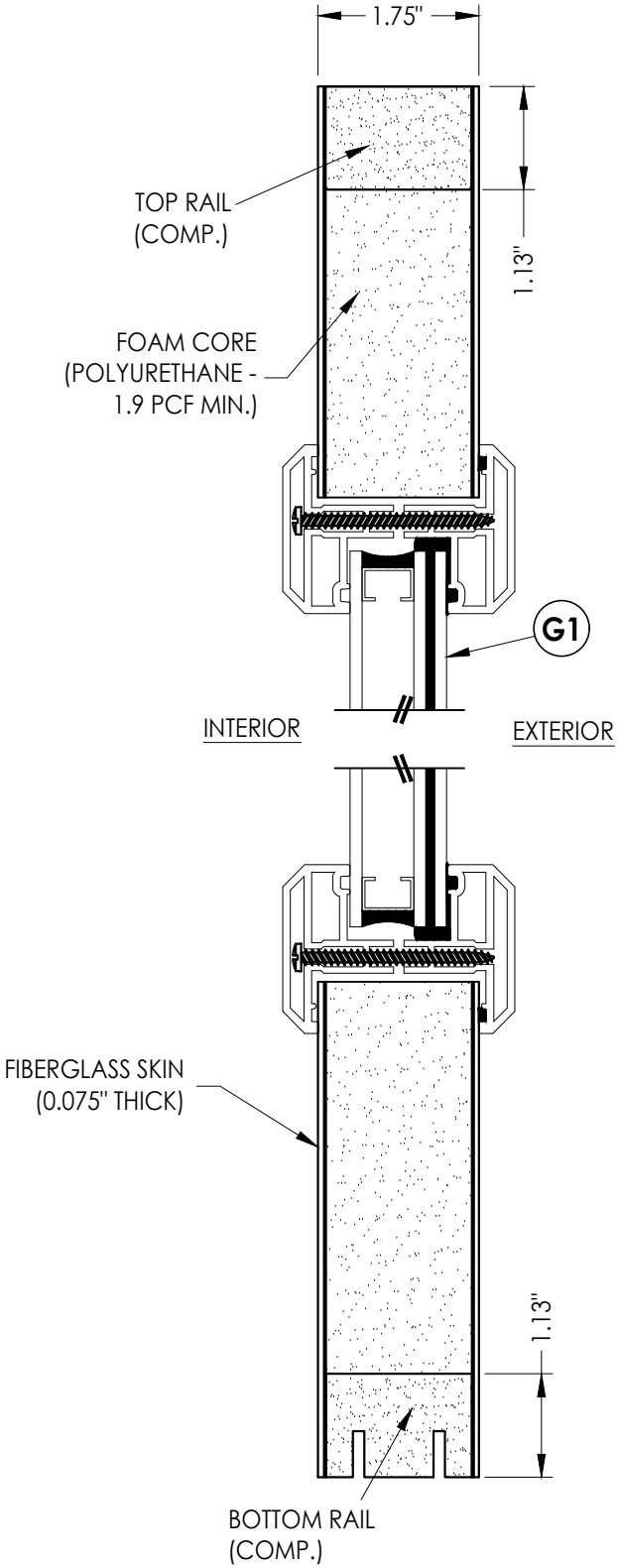


1
2 **HORIZONTAL CROSS SECTION**



2
2
40 **DOOR PANEL**

HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
YALE	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)
SCHLAGE	KNOB:	"F" SERIES (F10)
	DEADBOLT:	"B" SERIES (B60/62)



2
2 **VERTICAL CROSS SECTION**

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

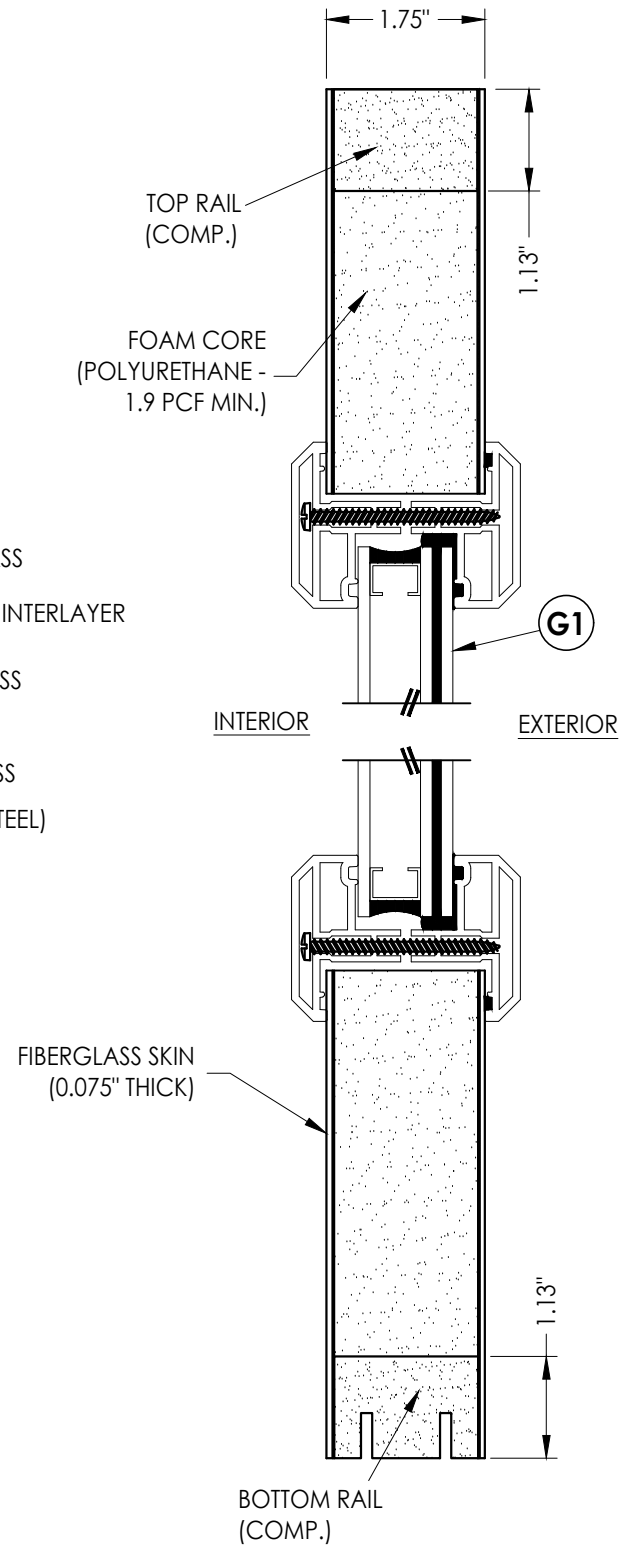
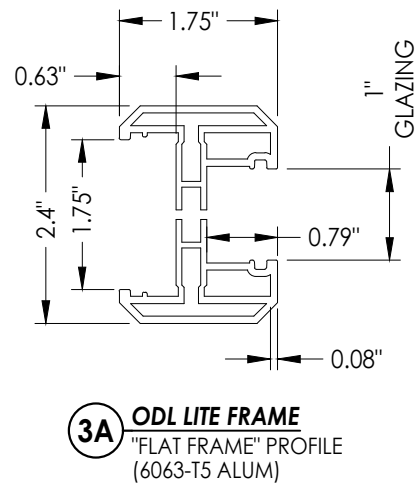
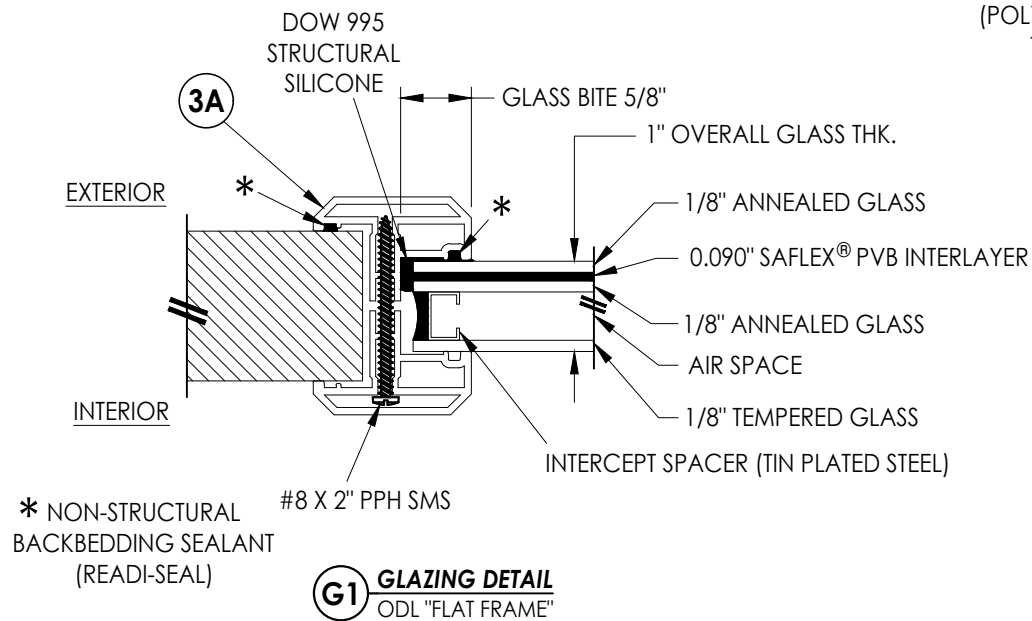
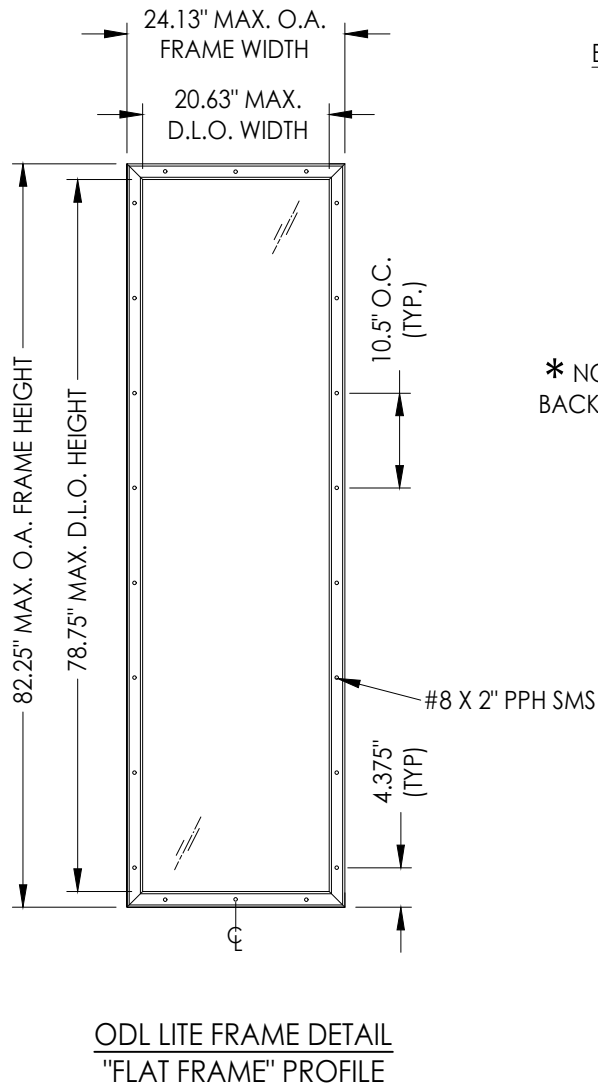
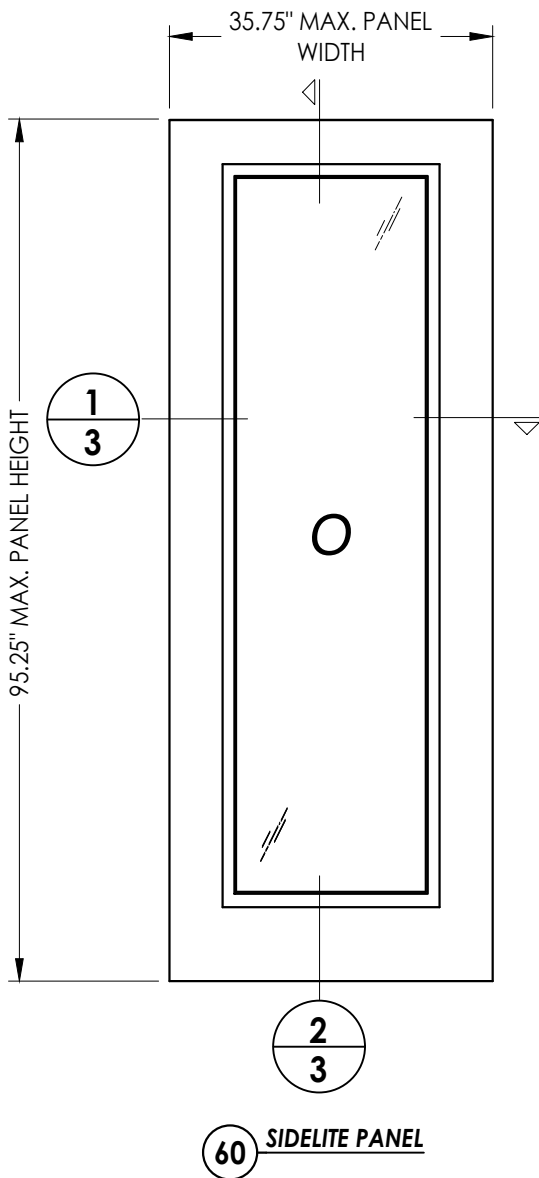
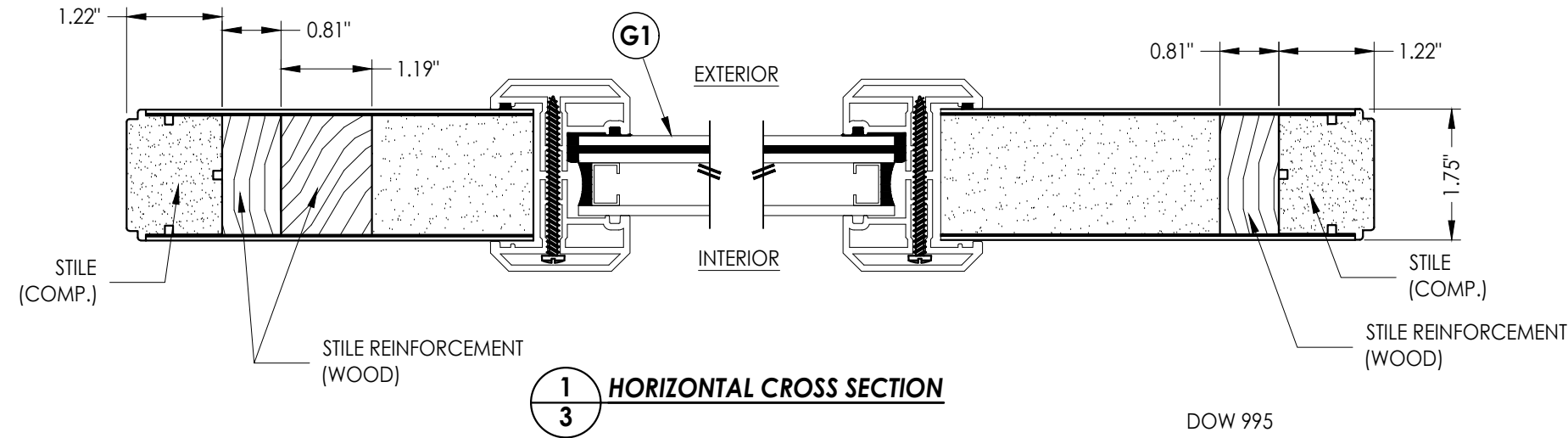
PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	10/17/22	ADD DLP ASTRAGAL DAC
4		
3		
2		
1		

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.2
SHEET 2 OF 12

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



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: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	10/17/22	ADD DLP ASTRAGAL DAC
4		
3		
2		
1		

DATE: 02/21/12

SCALE: N.T.S.

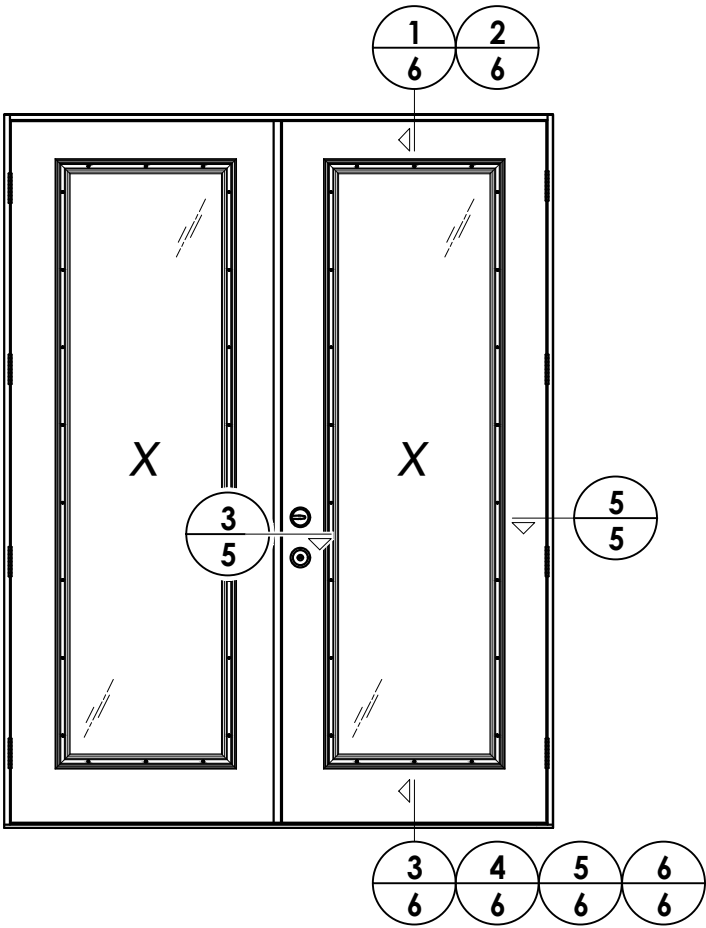
DWG. BY: JK

CHK. BY: LFS

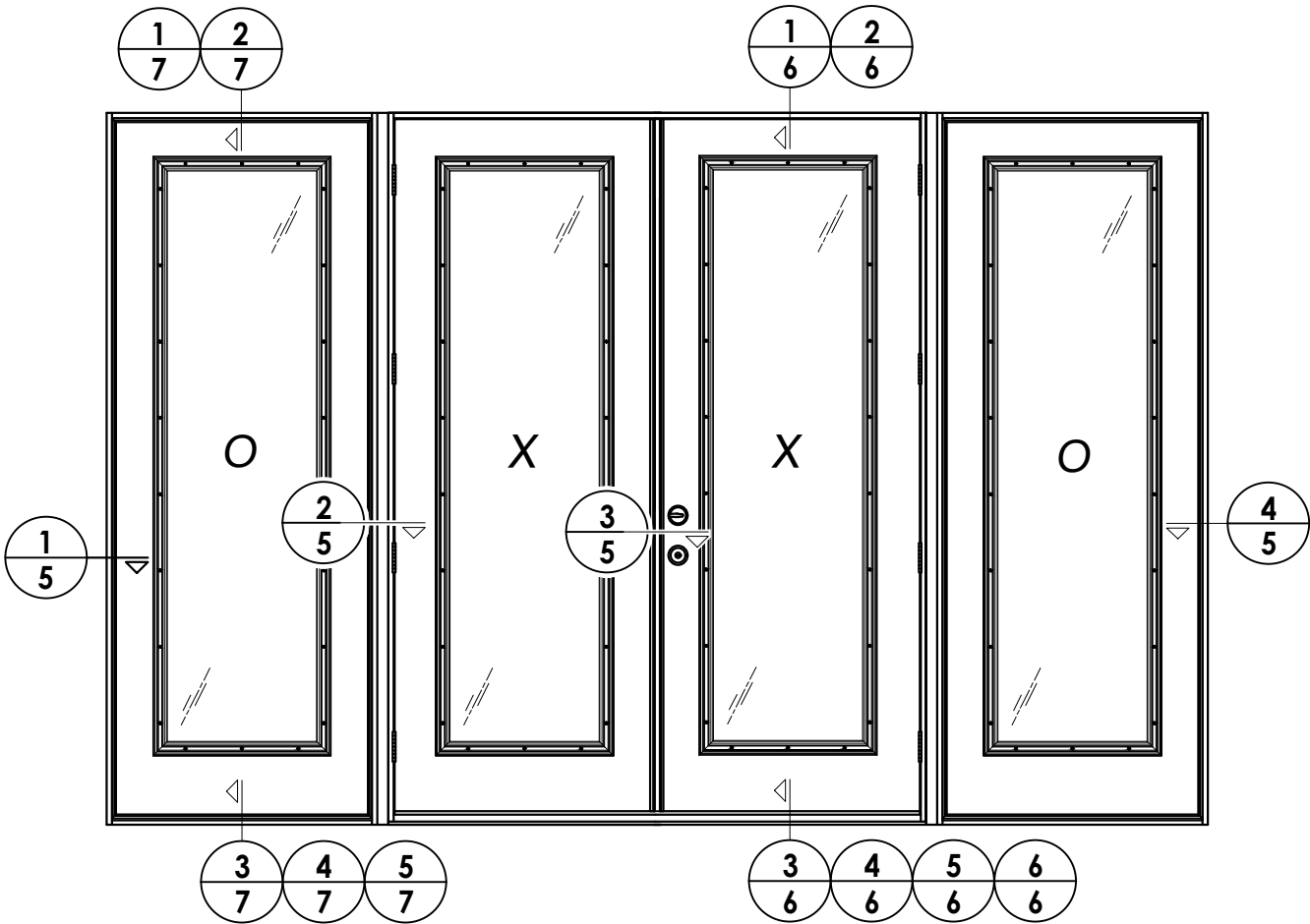
DRAWING NO.: FL-17184.2

SHEET 3 OF 12

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



ELEVATION (XX)



ELEVATION (OXXO)

NO.	DATE	REVISIONS		
			BY	
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	8/22/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	10/17/22	ADD DLP ASTRAGAL	DAC	

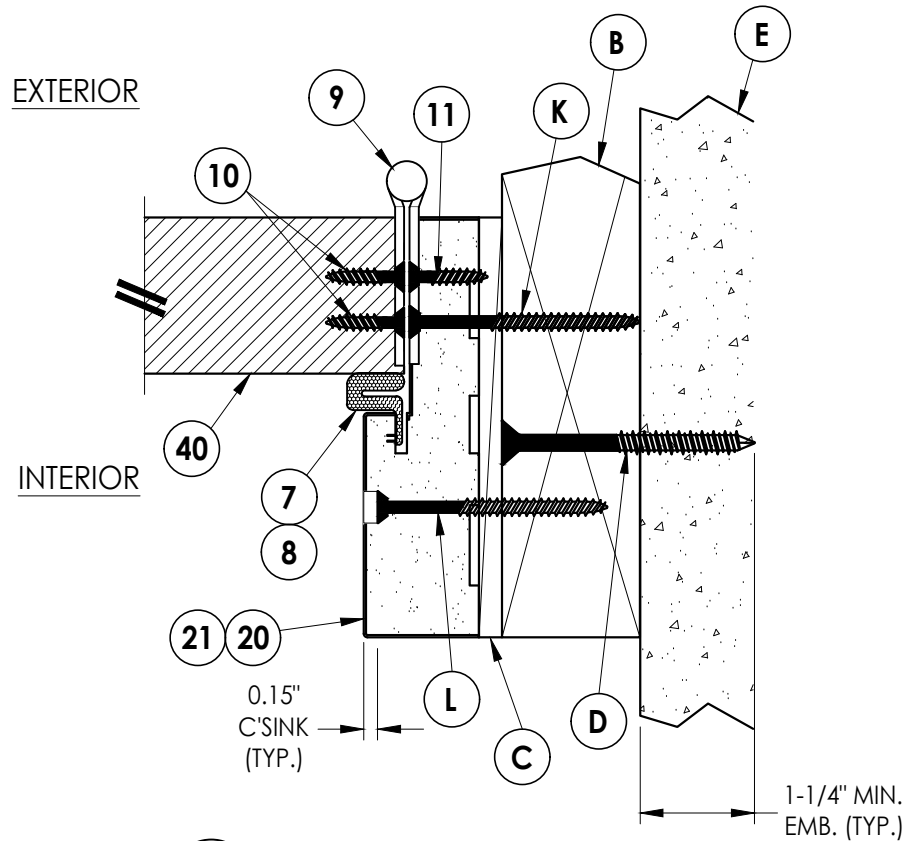
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.2
SHEET 4 OF 12

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR
PART OR ASSEMBLY:
ELEVATIONS

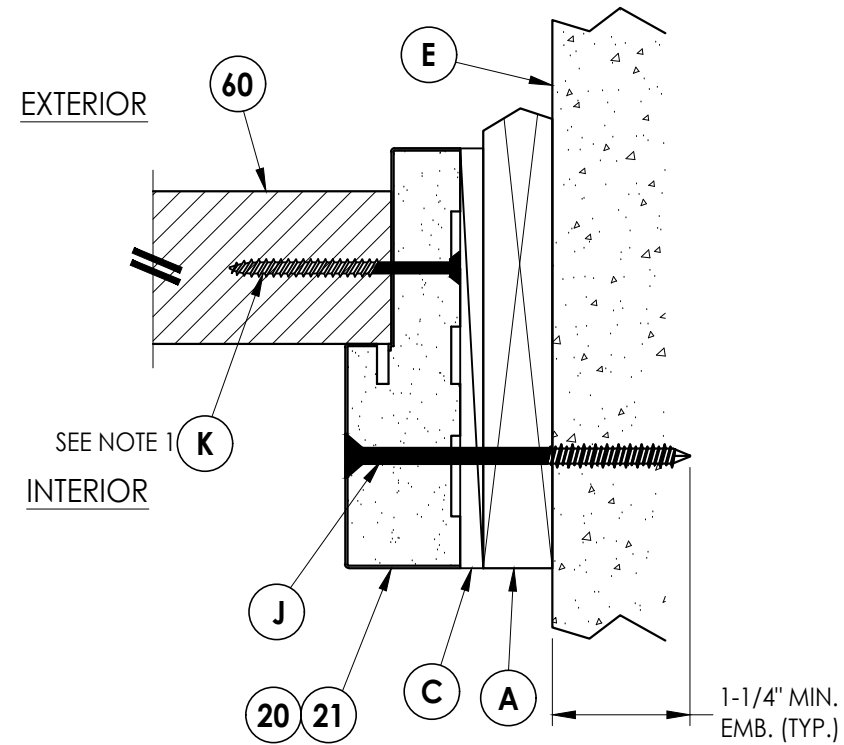
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg

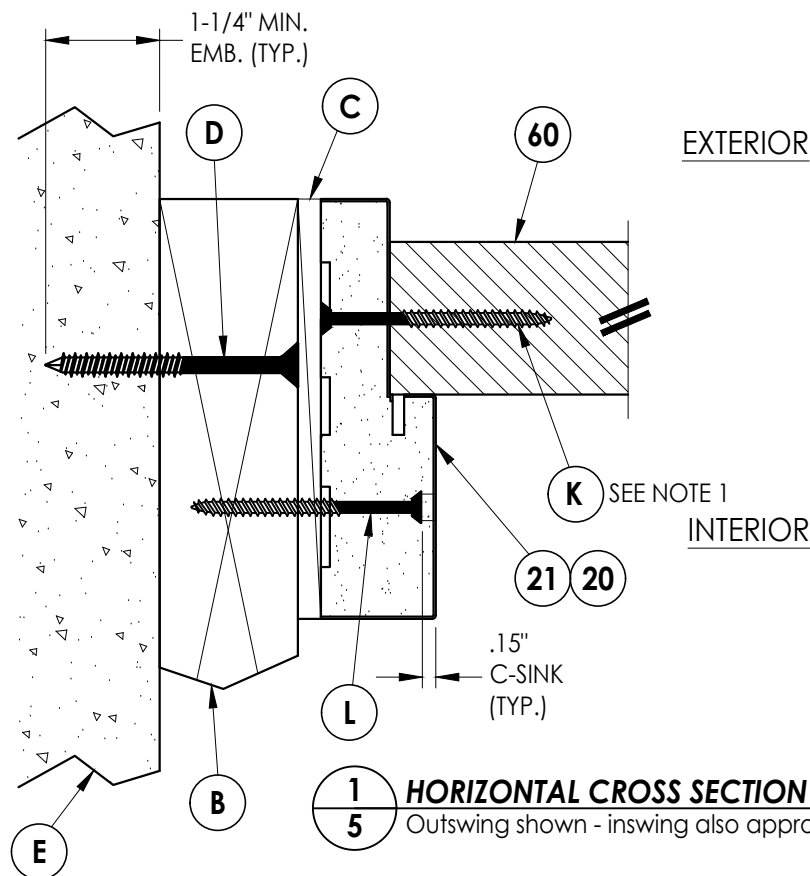
NOTE:
1. Spacing for item K: 6" from ends
and 8 more equally spaced along
sidelite (10 total).



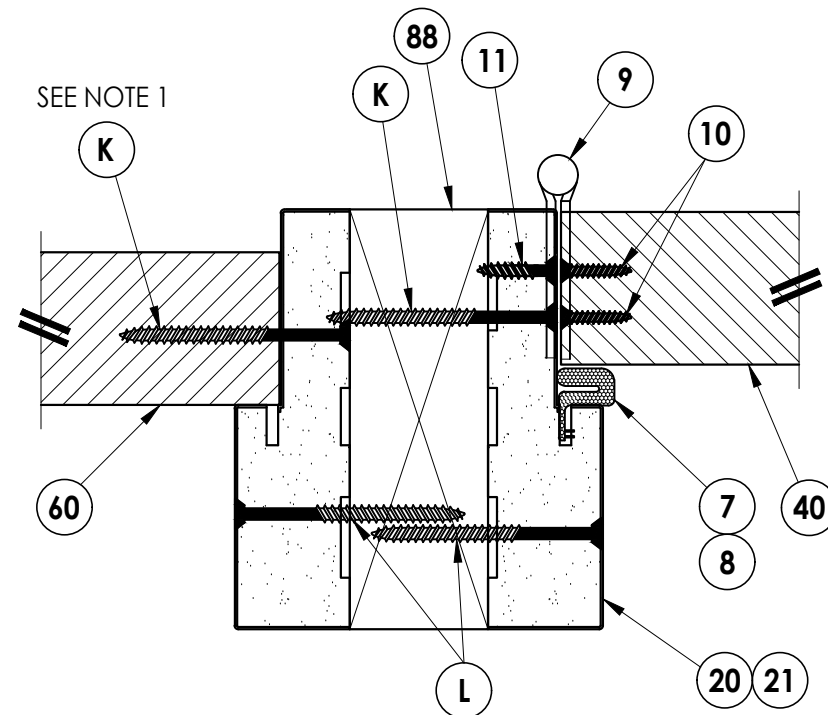
5 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved



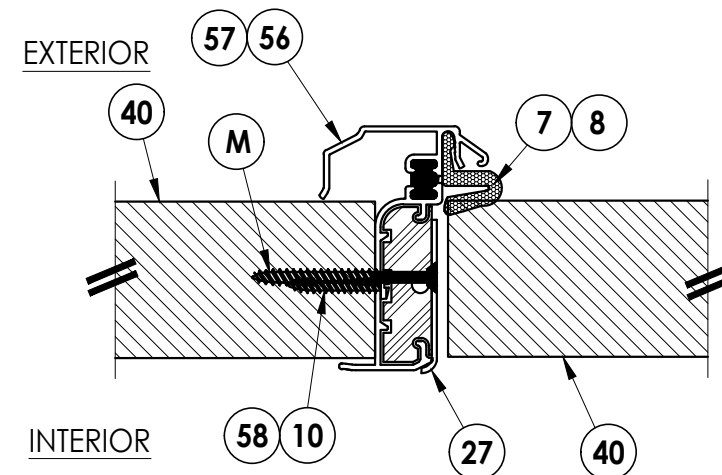
4 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved
Shown w/1X sub-buck



1 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved



2 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved
Shown with 2X reinforcement



3 **HORIZONTAL CROSS SECTION**
5 Outswing shown - inswing also approved

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

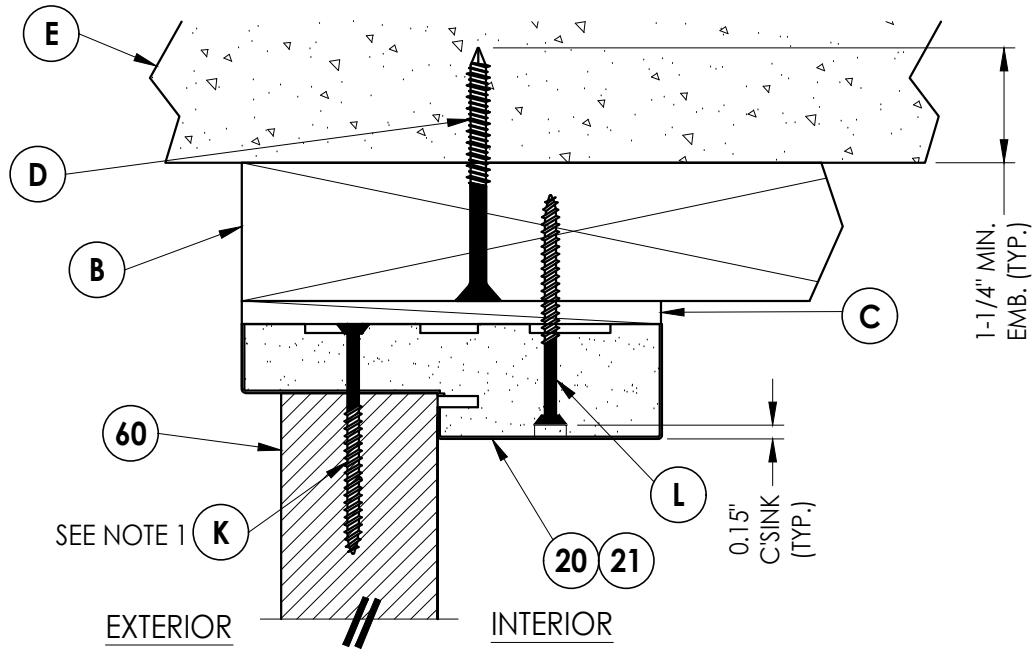
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
6	8/22/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	10/17/22	ADD DLP ASTRAGAL	DAC		

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-17184.2
SHEET 5 OF 12

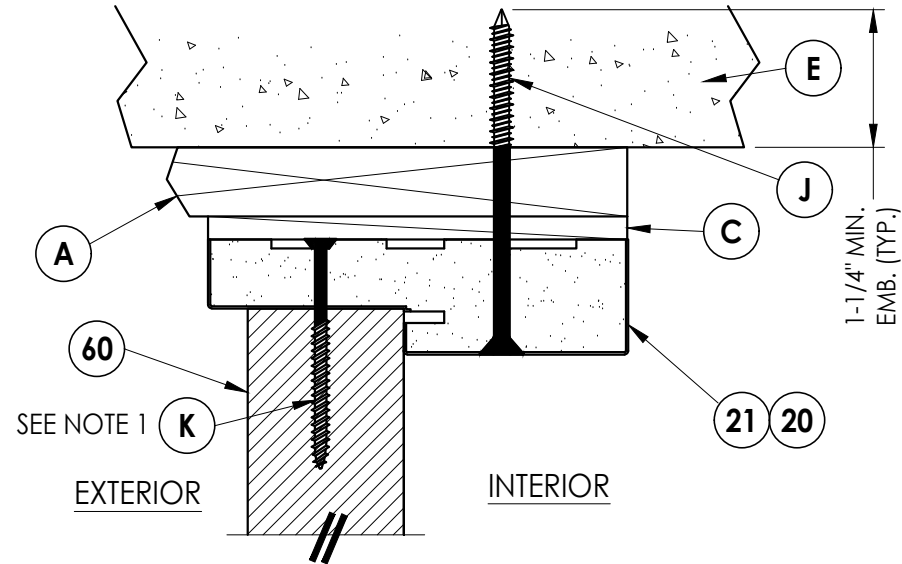
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



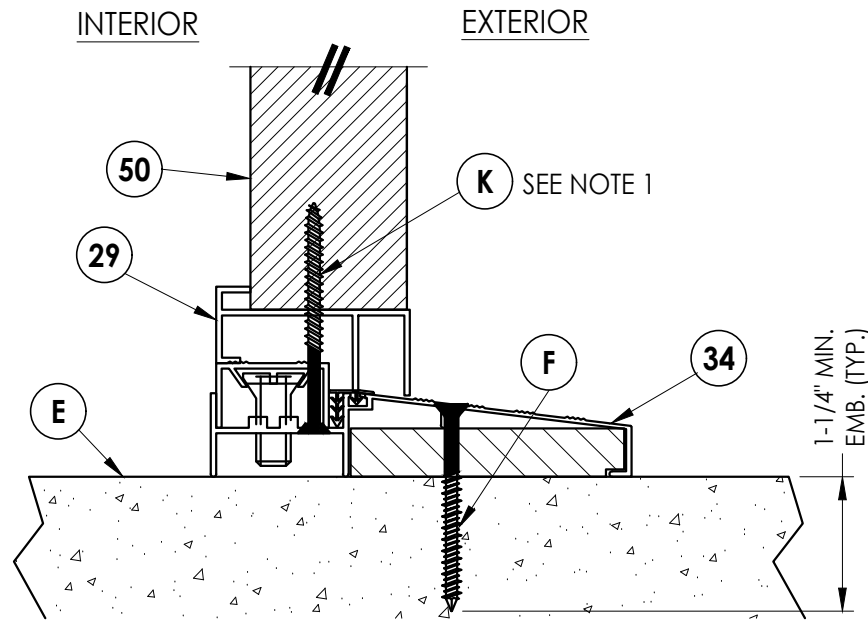
1
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved

NOTE

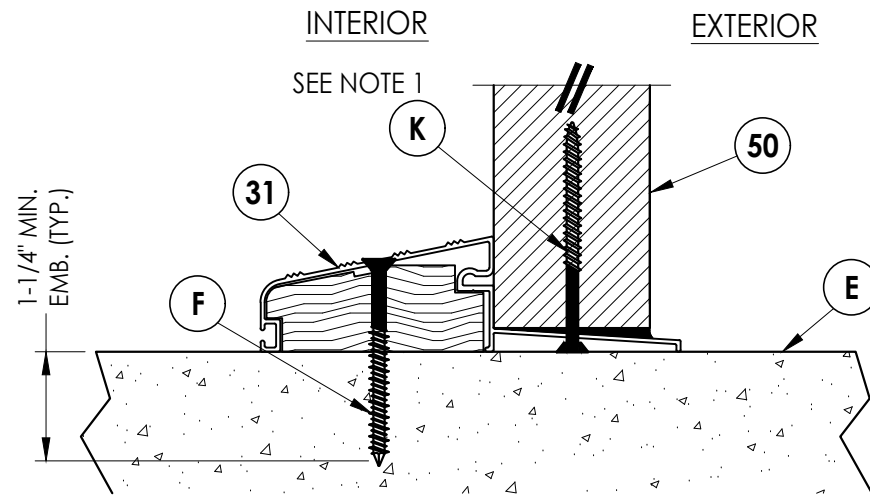
1. Spacing for item K: 6" from each end and at centerline (3 total).



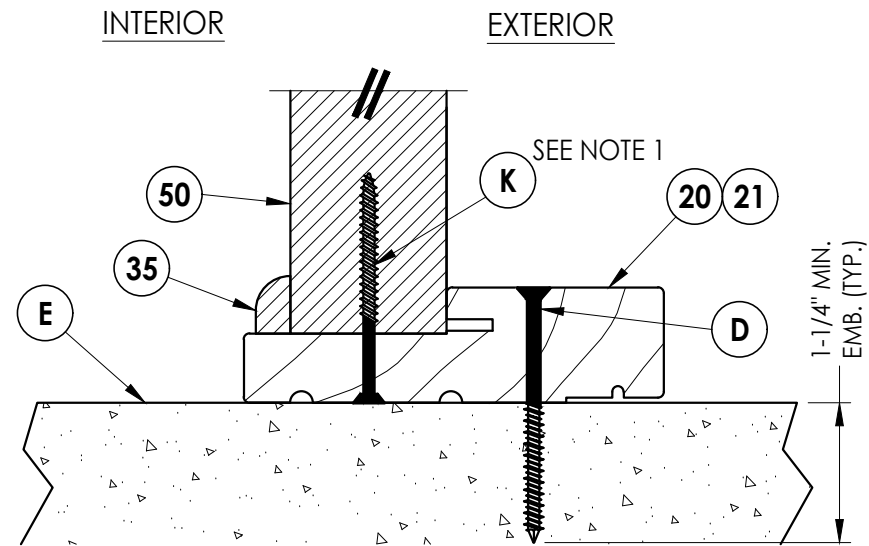
2
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved
Shown w/1X sub-buck



3
7 **VERTICAL CROSS SECTION**
Inswing configuration



4
7 **VERTICAL CROSS SECTION**
Outswing configuration



5
7 **VERTICAL CROSS SECTION**
Outswing configuration

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

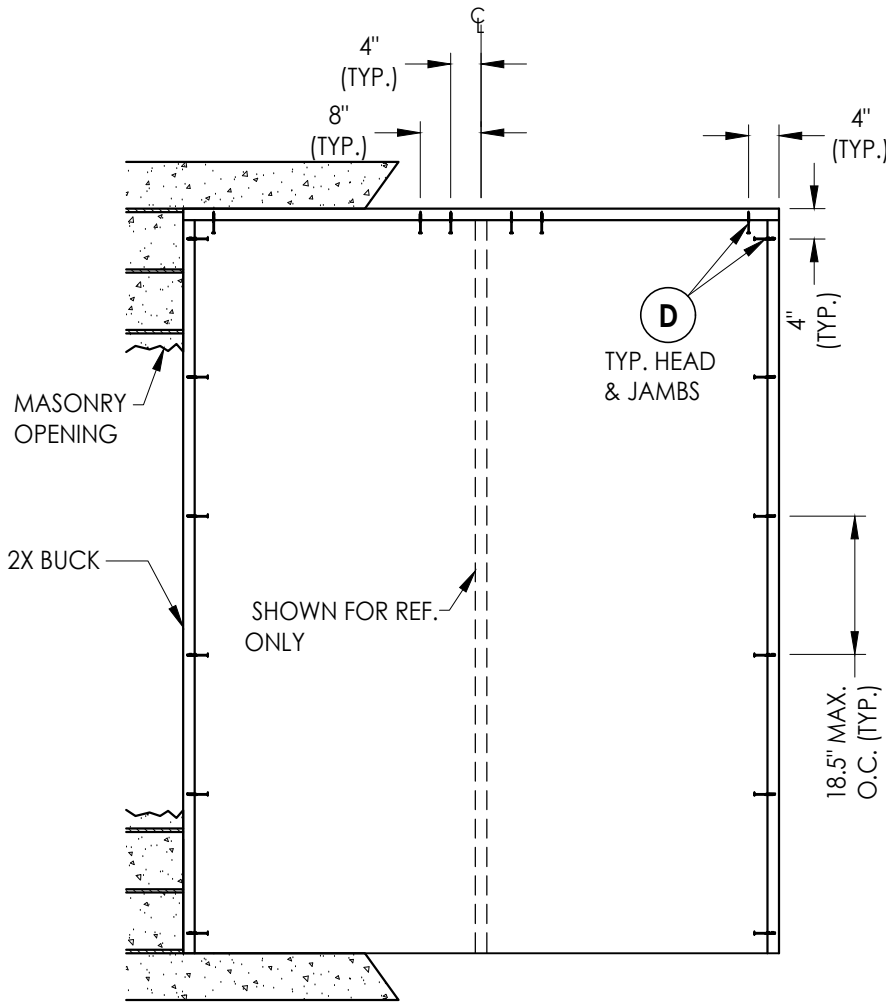
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

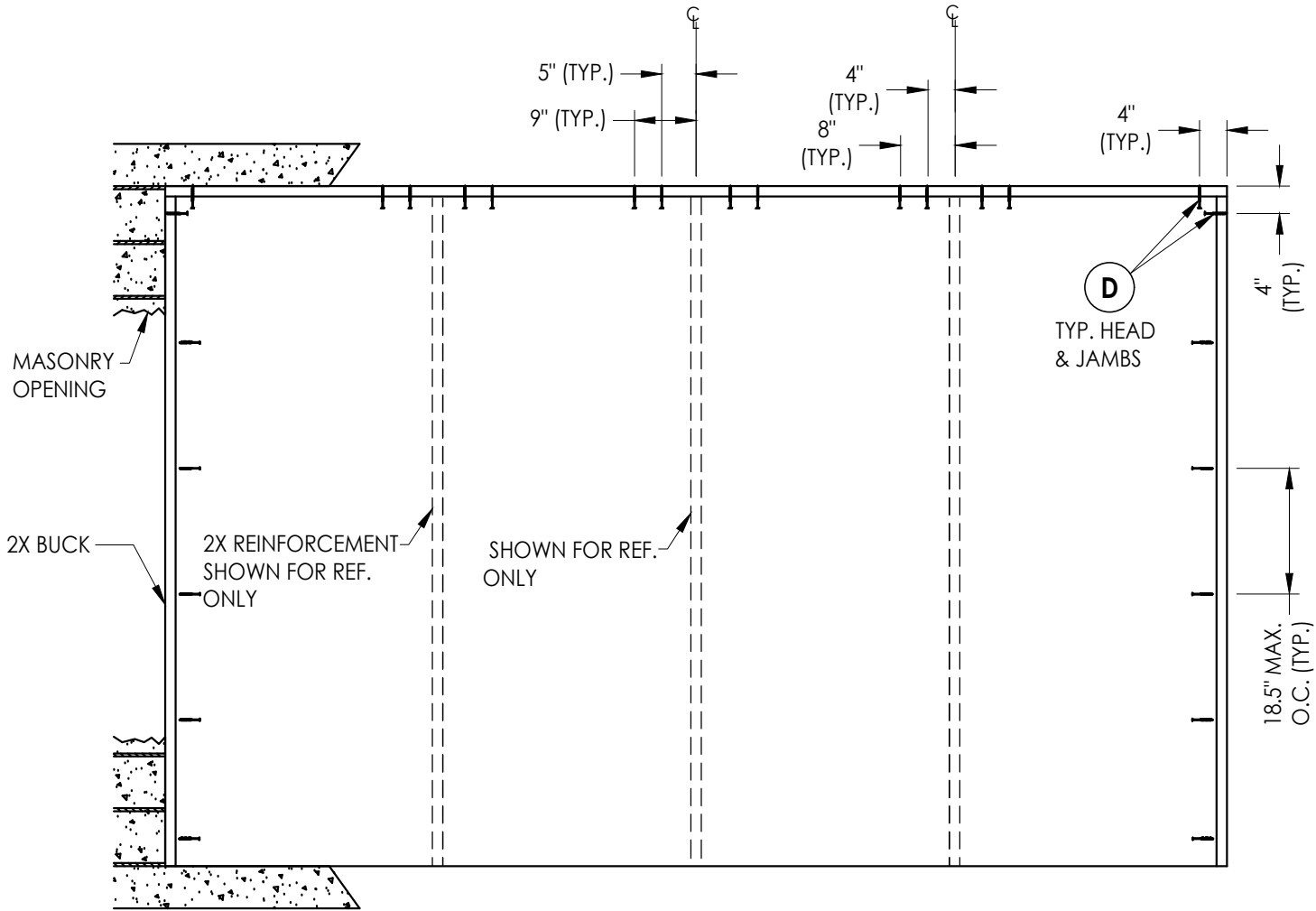
NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	10/17/22	ADD DLP ASTRAGAL DAC

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-17184.2
SHEET 7 OF 12

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



BUCK ANCHORING
XX



BUCK ANCHORING
OXXO

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"

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.

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:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	8/22/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	10/17/22	ADD DLP ASTRAGAL DAC
		BY

DATE: 02/21/12

SCALE: N.T.S.

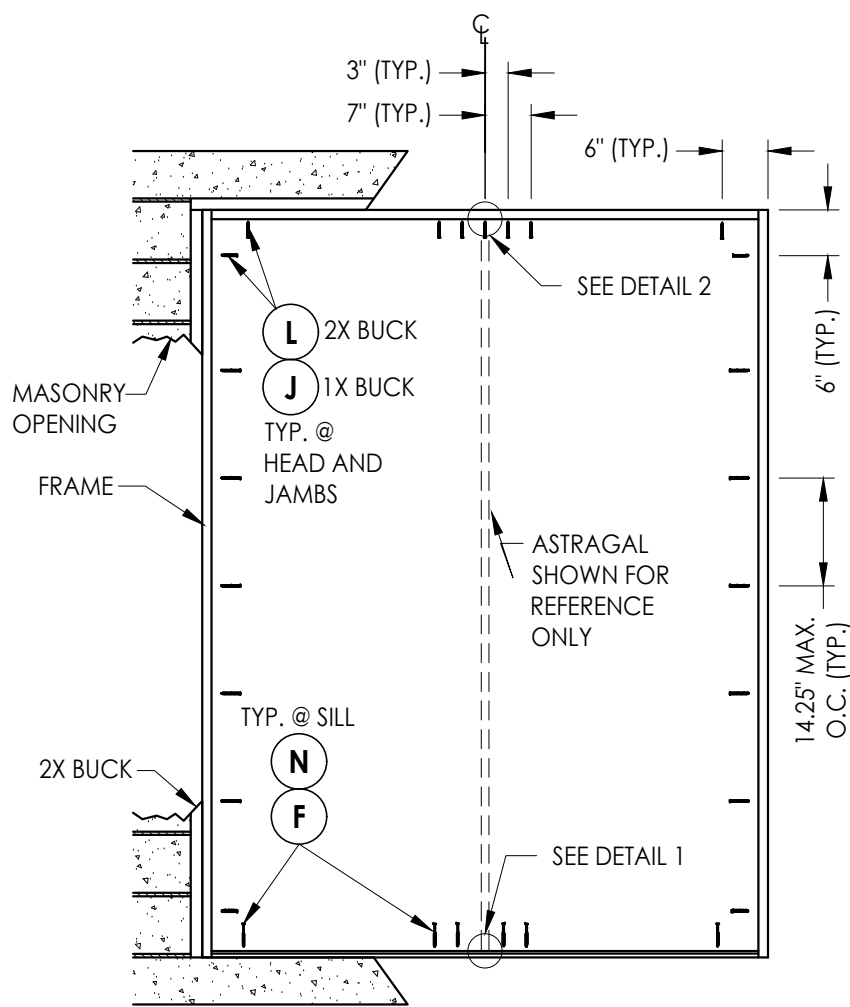
DWG. BY: JK

CHK. BY: LFS

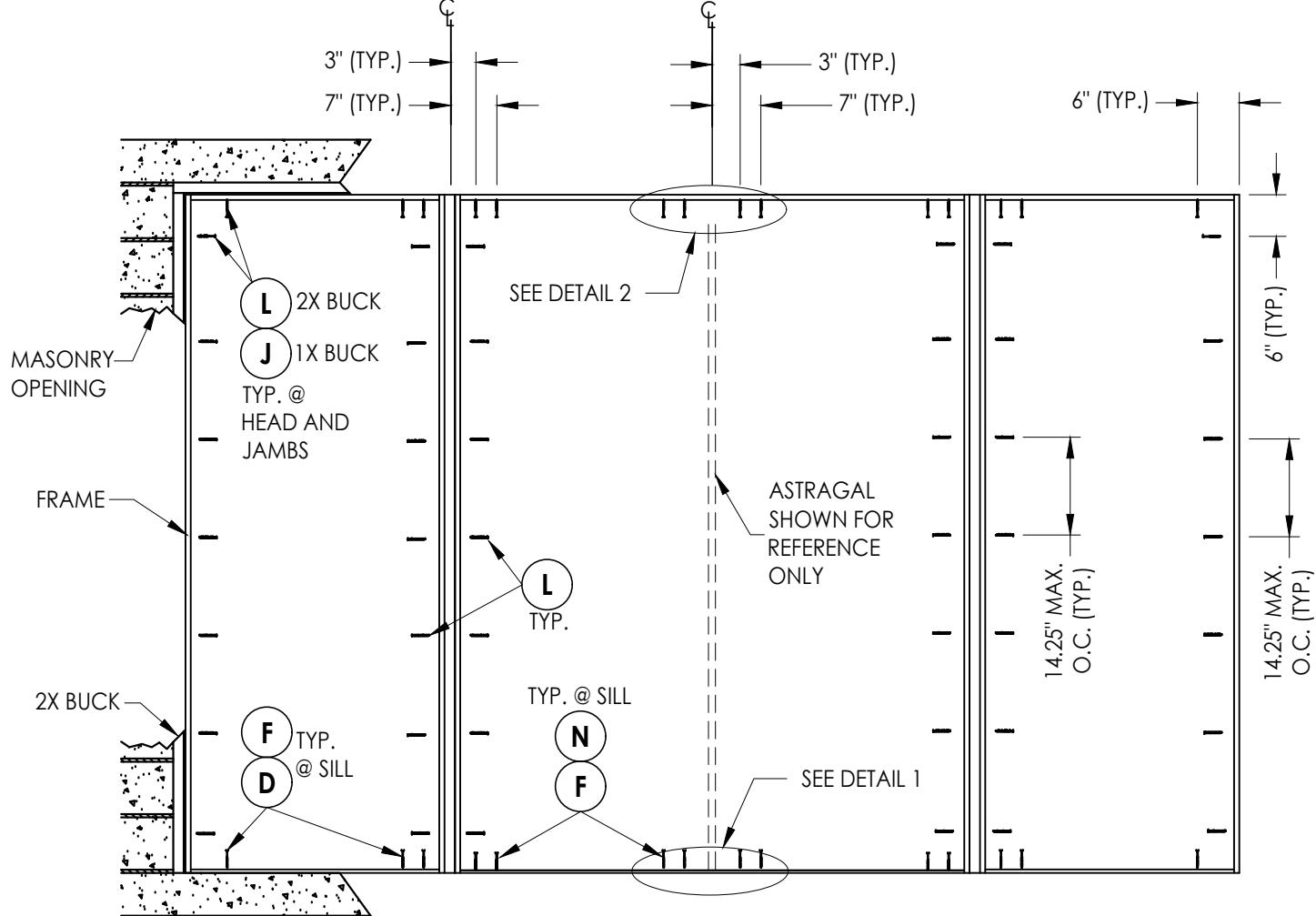
DRAWING NO.:
FL-17184.2

SHEET 8 OF 12

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



FRAME ANCHORING
XX



FRAME ANCHORING
OXXO

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.

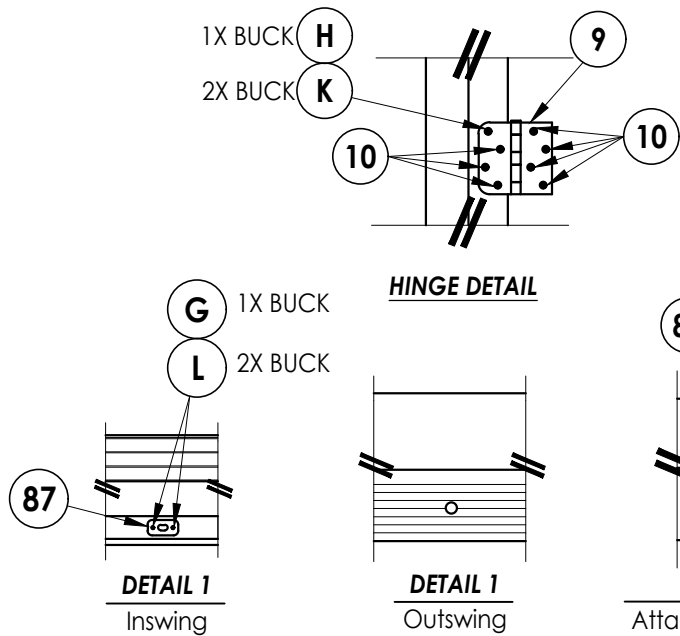
CONCRETE ANCHOR NOTES:

- 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:

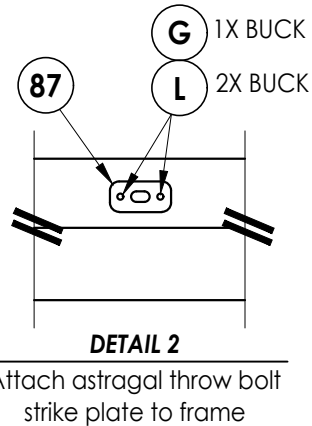
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.

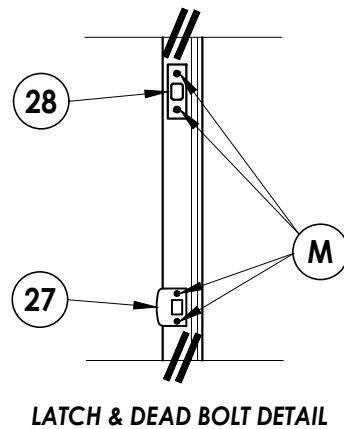


HINGE DETAIL

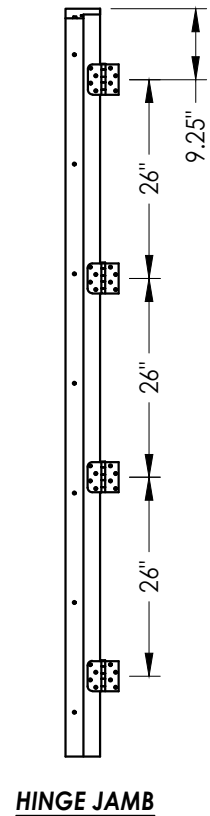
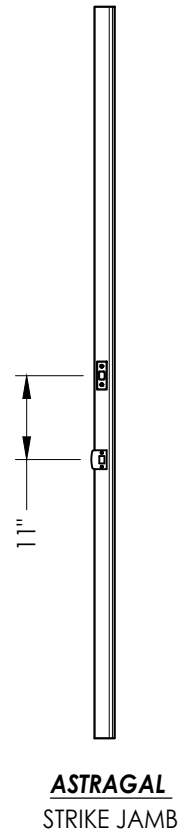


DETAIL 2

Attach astragal throw bolt strike plate to frame



LATCH & DEAD BOLT DETAIL



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:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	BY	REVISIONS
7	7/02/26	LFS	UPDATE TO 9TH ED. (2026) FBC
6	8/22/23	LFS	UPDATE TO 8TH ED. (2023) FBC
5	10/17/22	DAC	ADD DLP ASTRAGAL

DATE: 02/21/12

SCALE: N.T.S.

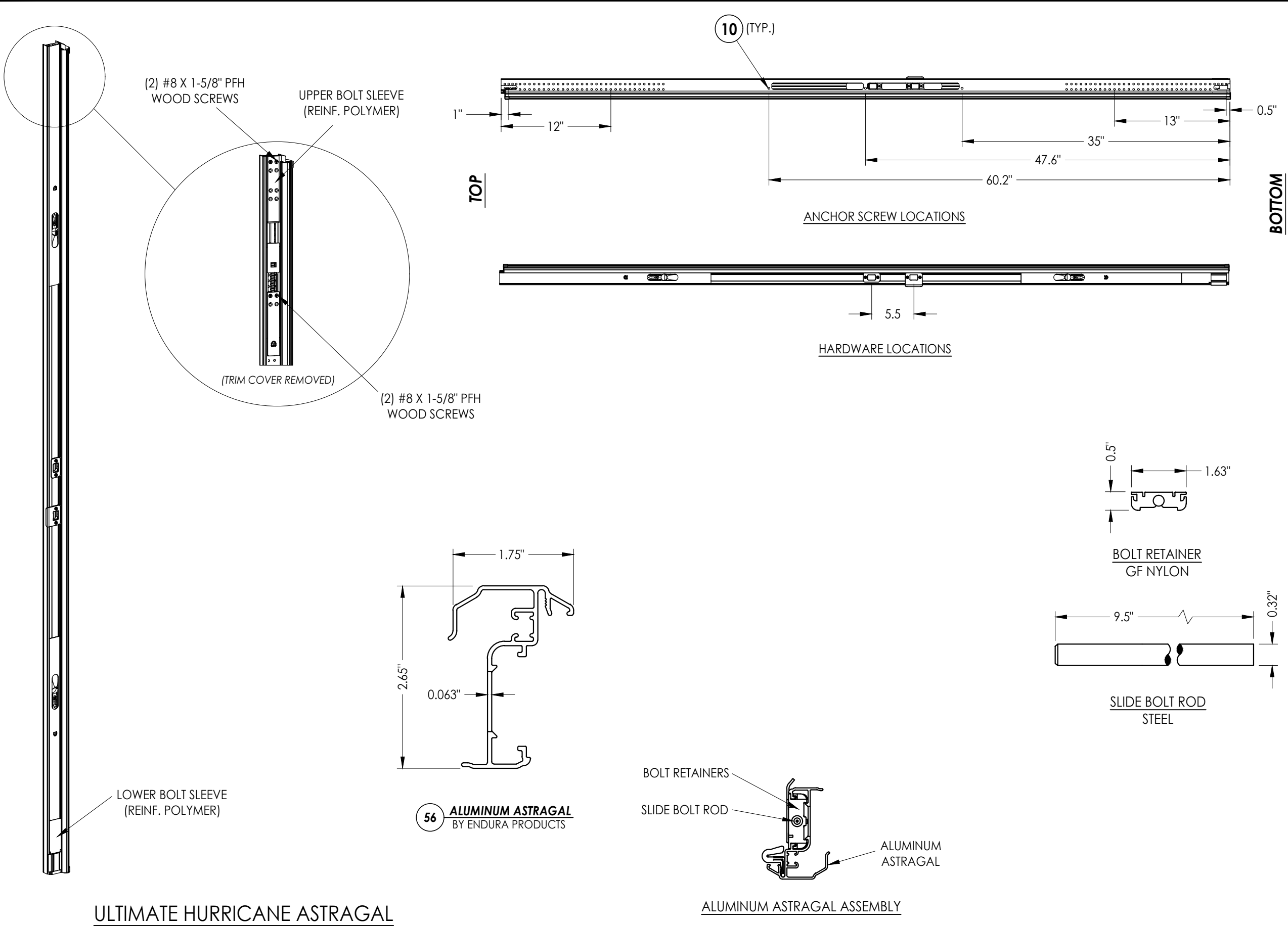
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17184.2

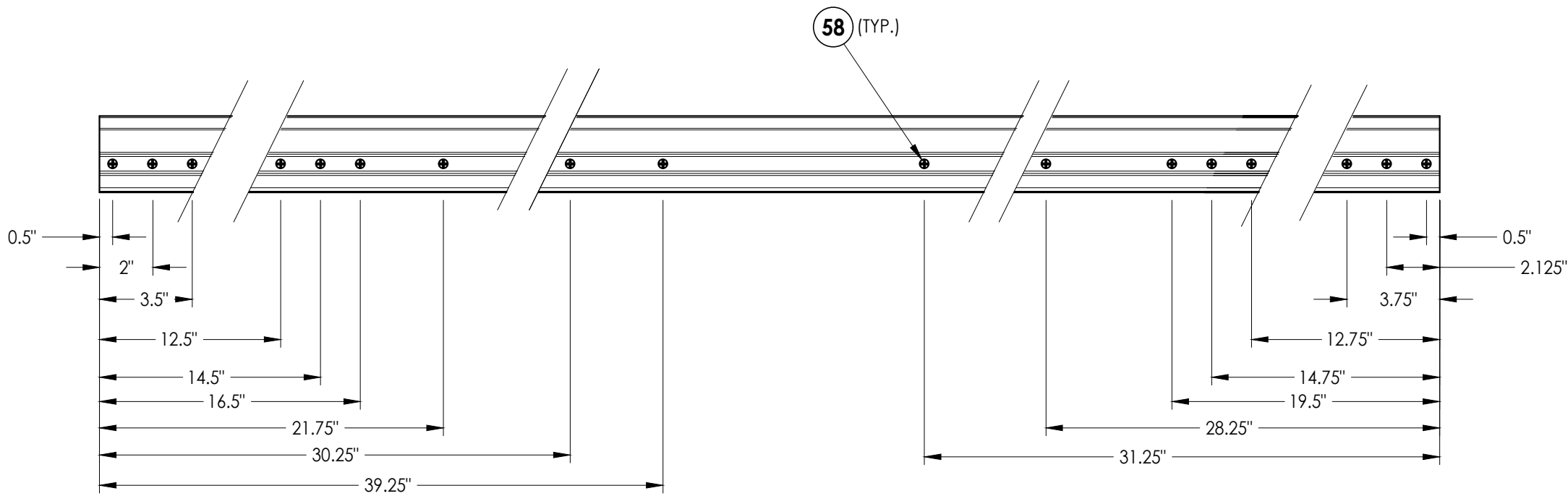
SHEET 9 OF 12

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg

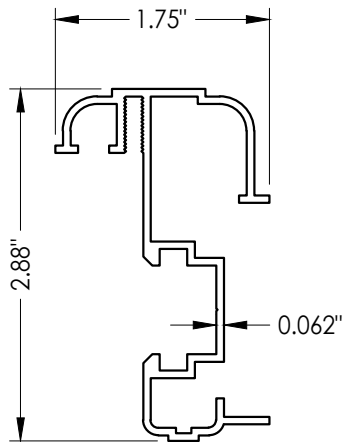


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: ASTRAGAL DETAILS			
			LFS				
		7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
		6	8/22/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
		5	10/17/22	ADD DLP ASTRAGAL		DAC	
			NO.	DATE		BY	
							REVISIONS
DATE: 02/21/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17184.2							
SHEET 10 OF 12							

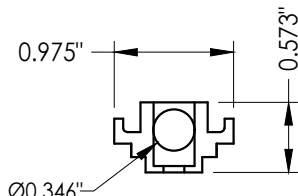
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.2.dwg



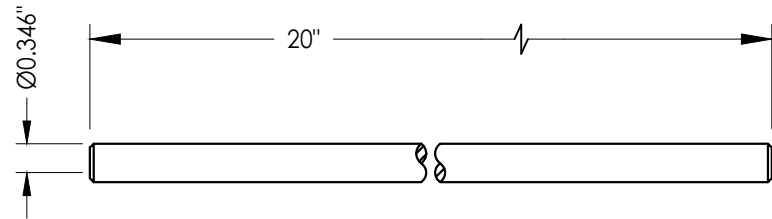
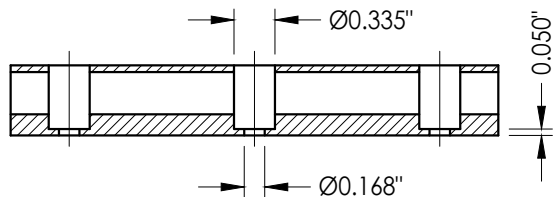
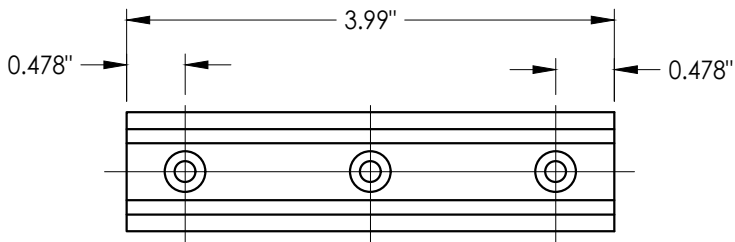
ASTRAGAL SCREW LOCATIONS



57 ASTRAGAL
By DLP



CONCEALED STIFFENER
ALUMINUM



SLIDE BOLT ROD
STEEL

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.2

SHEET 11 OF 12

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
ASTRAGAL DETAILS

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

