



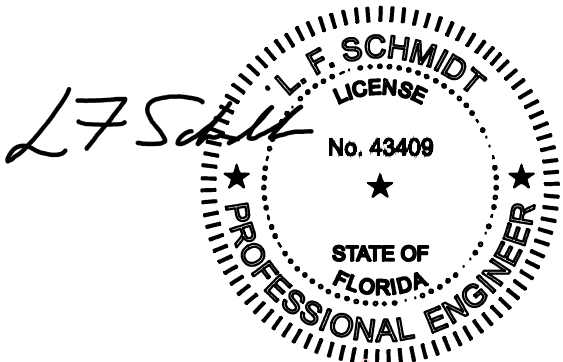
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

OPAQUE FIBERGLASS DOUBLE DOOR
w/ or w/out SIDELITES
INSWING/ OUTSWING
"IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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 excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

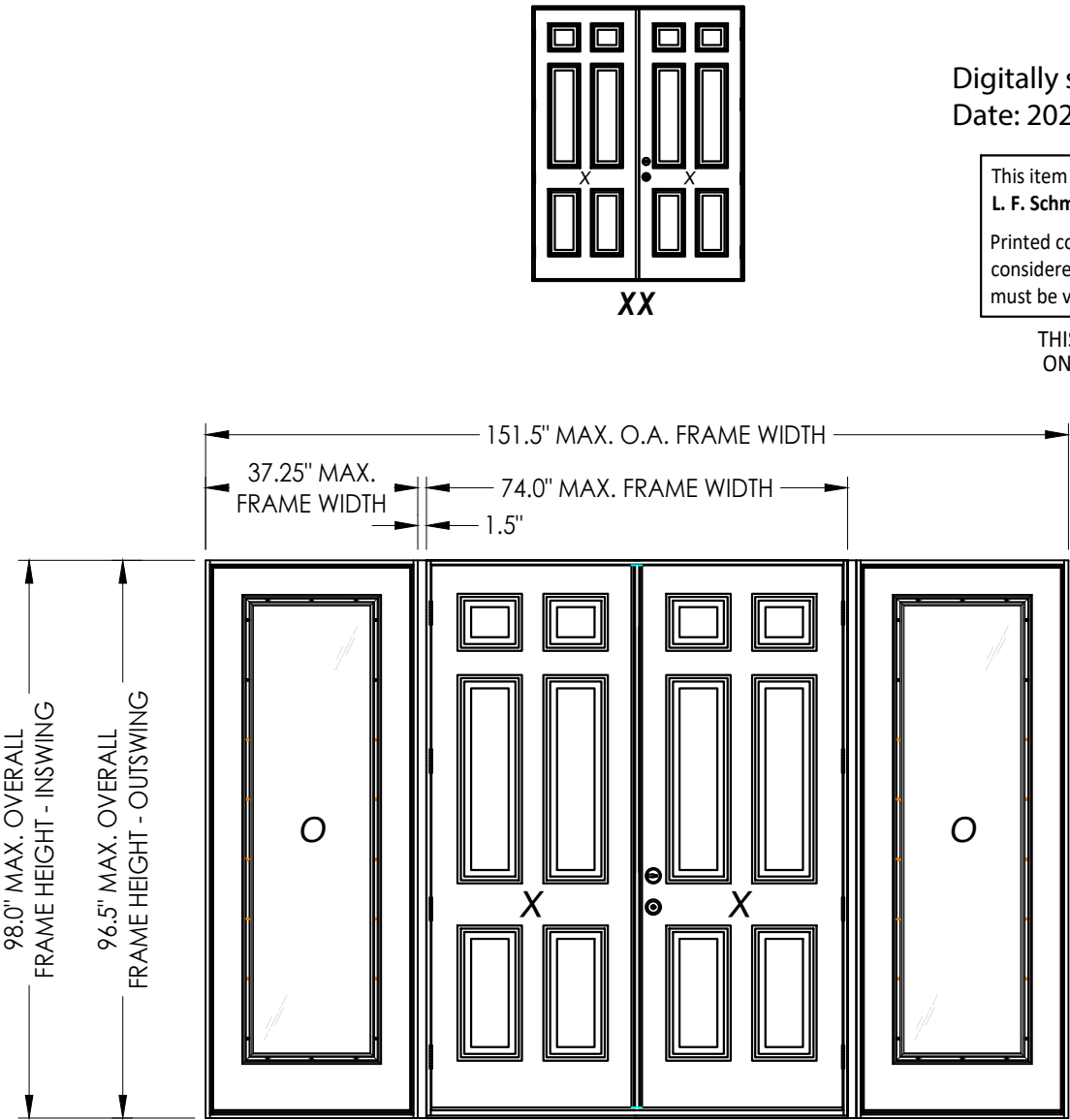
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4	Elevations
5	Horizontal cross sections
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7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Astragal details
11	Astragal details
12	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2023.08.23 11:12:27 -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"	N/A	+45.0	-50.0	+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

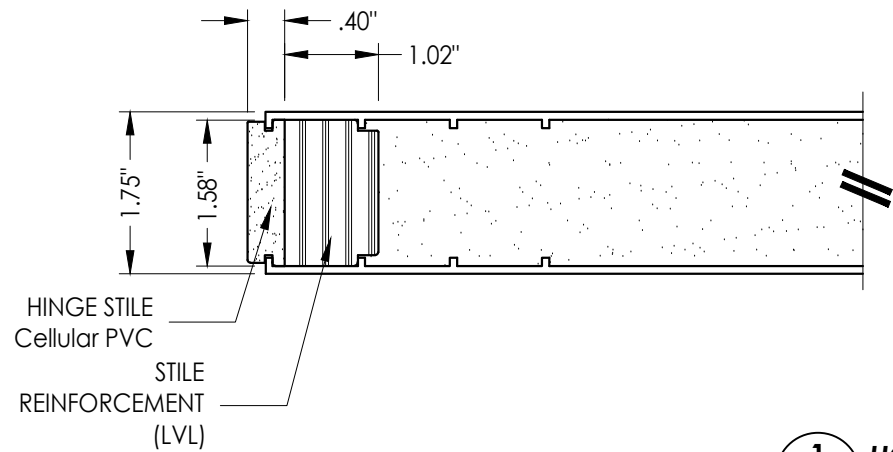
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

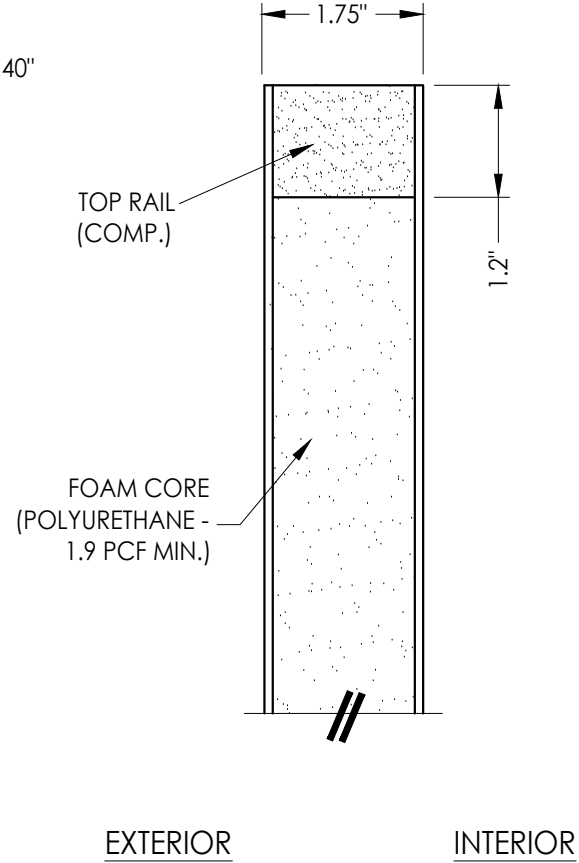
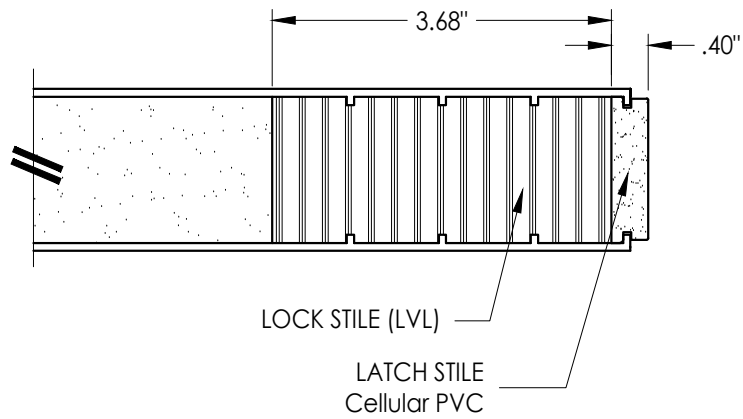
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7	8/23/23	UPDATE TO 8TH ED. (2023) FBC
6	10/17/22	ADD DLP ASTRAGAL
5	7/19/22	REVISE DOOR/SIDELITE PANELS
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.8
SHEET 1 OF 12

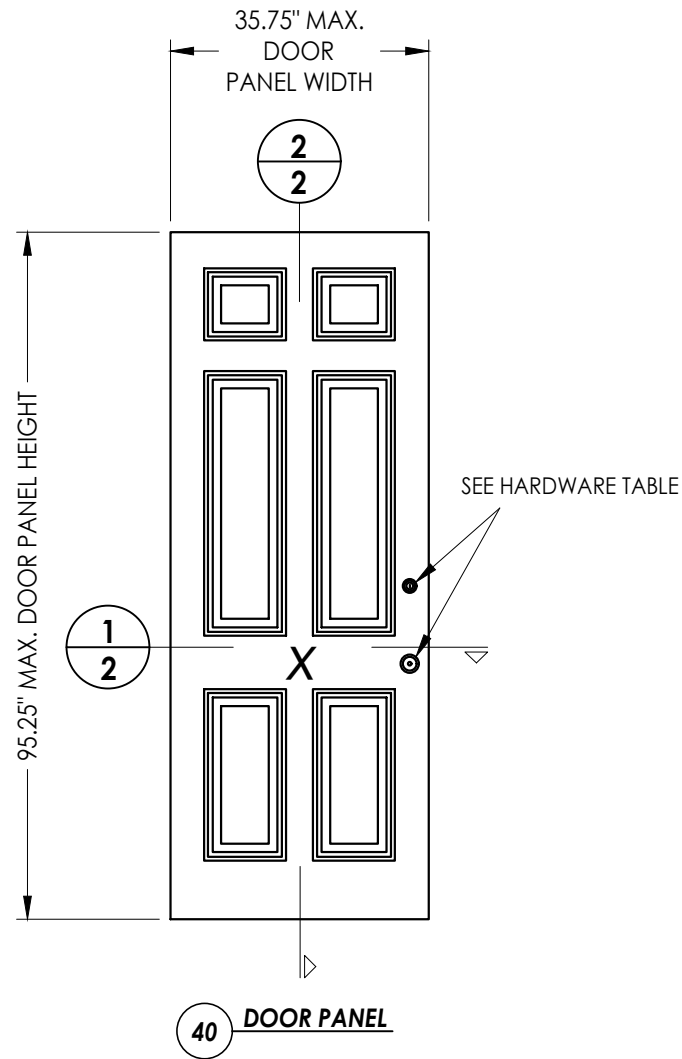
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1
2 **HORIZONTAL CROSS SECTION**



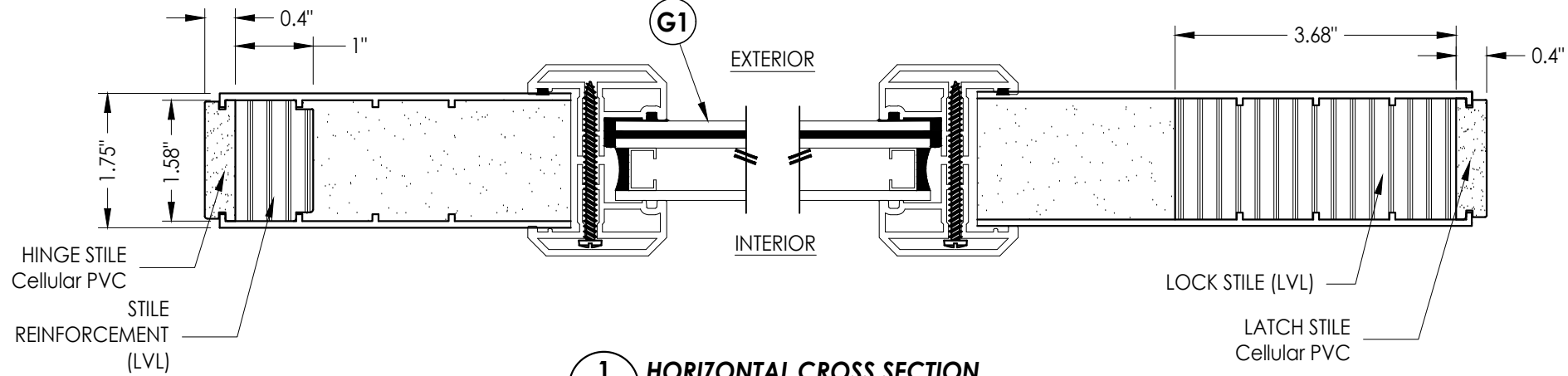
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2 **VERTICAL CROSS SECTION**



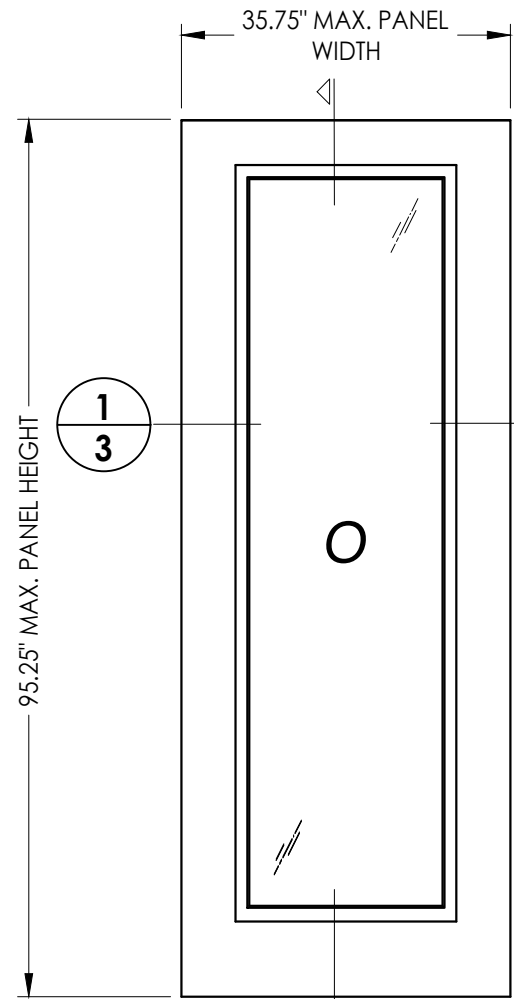
HARDWARE CHART		
MANUFACTURER	MODEL	
Kwikset	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
Yale	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)
Schlage	KNOB:	"F" SERIES (F10)
	DEADBOLT:	"B" SERIES (B60/62)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT:	PLASTPRO FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
	7	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
	6	10/17/22	ADD DLP ASTRAGAL	DAC
	5	7/19/22	REVISE DOOR/SIDELITE PANELS	LFS
	4	8/04/20	UPDATE TO 7TH ED. (2020) FBC	DAC
	NO.	DATE		BY
REVISIONS				
DATE: 8/25/14				
SCALE: N.T.S.				
DWG. BY: AL				
CHK. BY: LFS				
DRAWING NO.: FL-17184.8				
SHEET 2 OF 12				

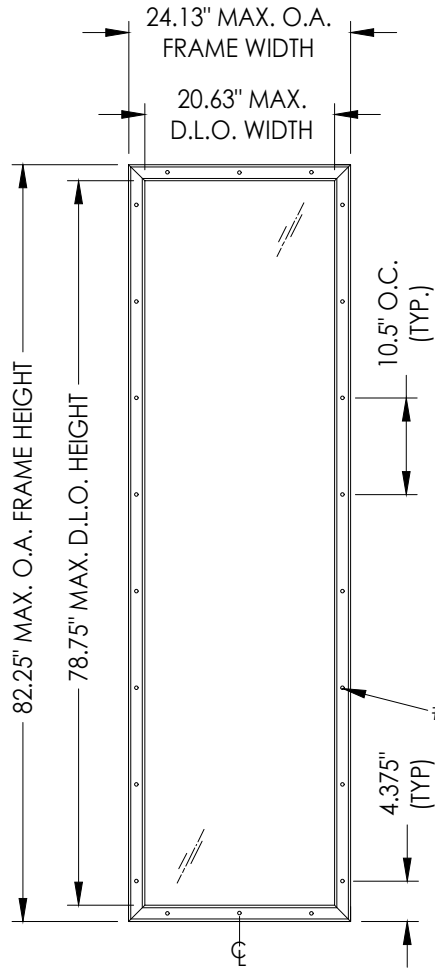
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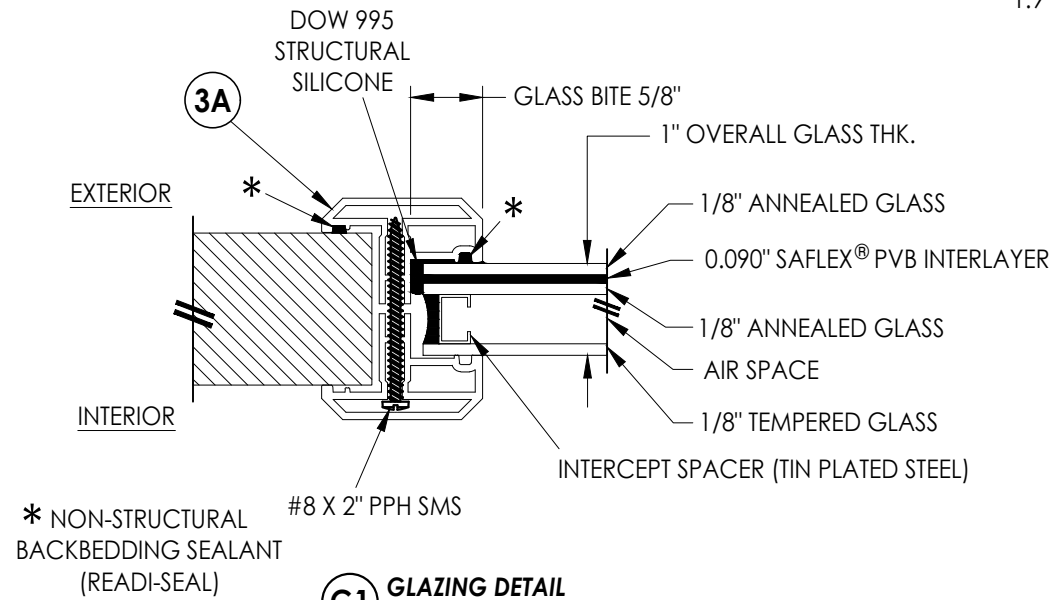
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3 **HORIZONTAL CROSS SECTION**



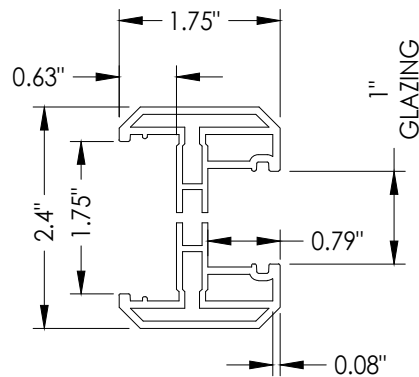
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3 **60 SIDELITE PANEL**



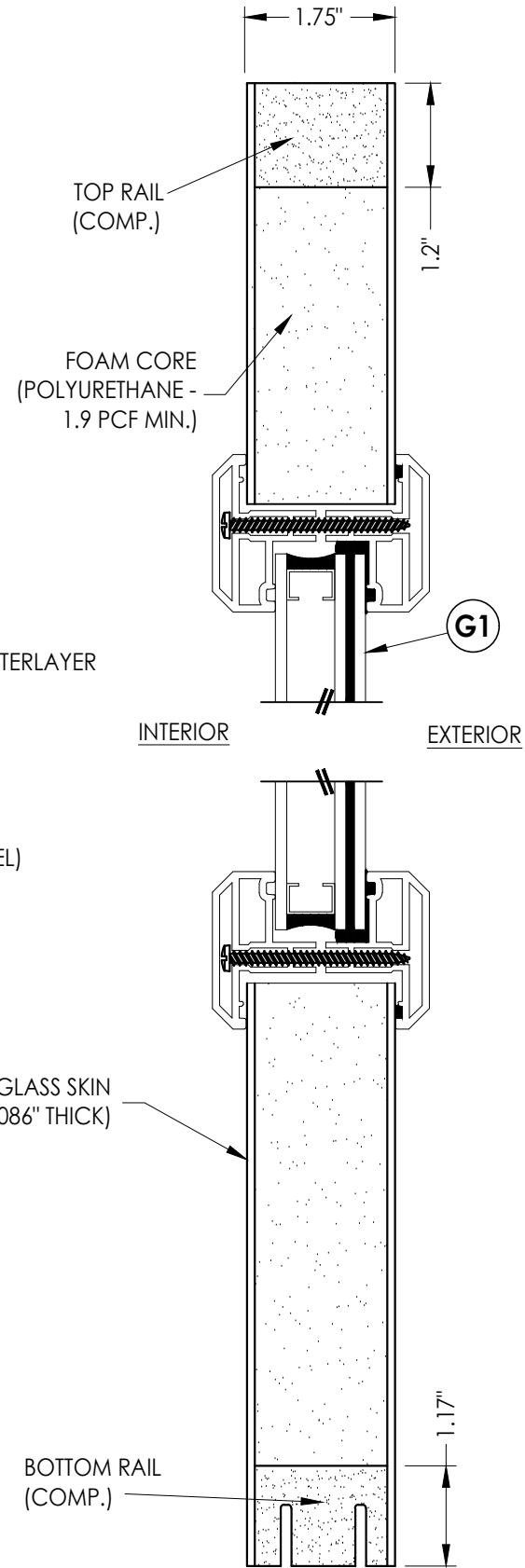
**ODL LITE FRAME DETAIL
"FLAT FRAME" PROFILE**



G1 **GLAZING DETAIL**
ODL "FLAT FRAME"



3A **ODL LITE FRAME**
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



2
3 **VERTICAL CROSS SECTION**

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PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

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7	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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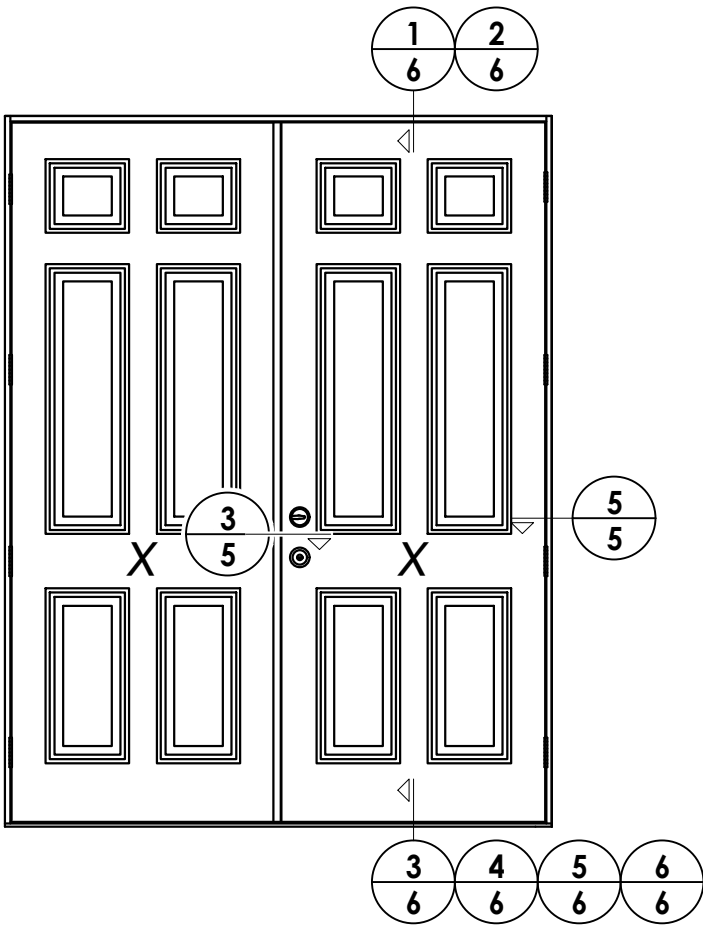
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CHK. BY: LFS

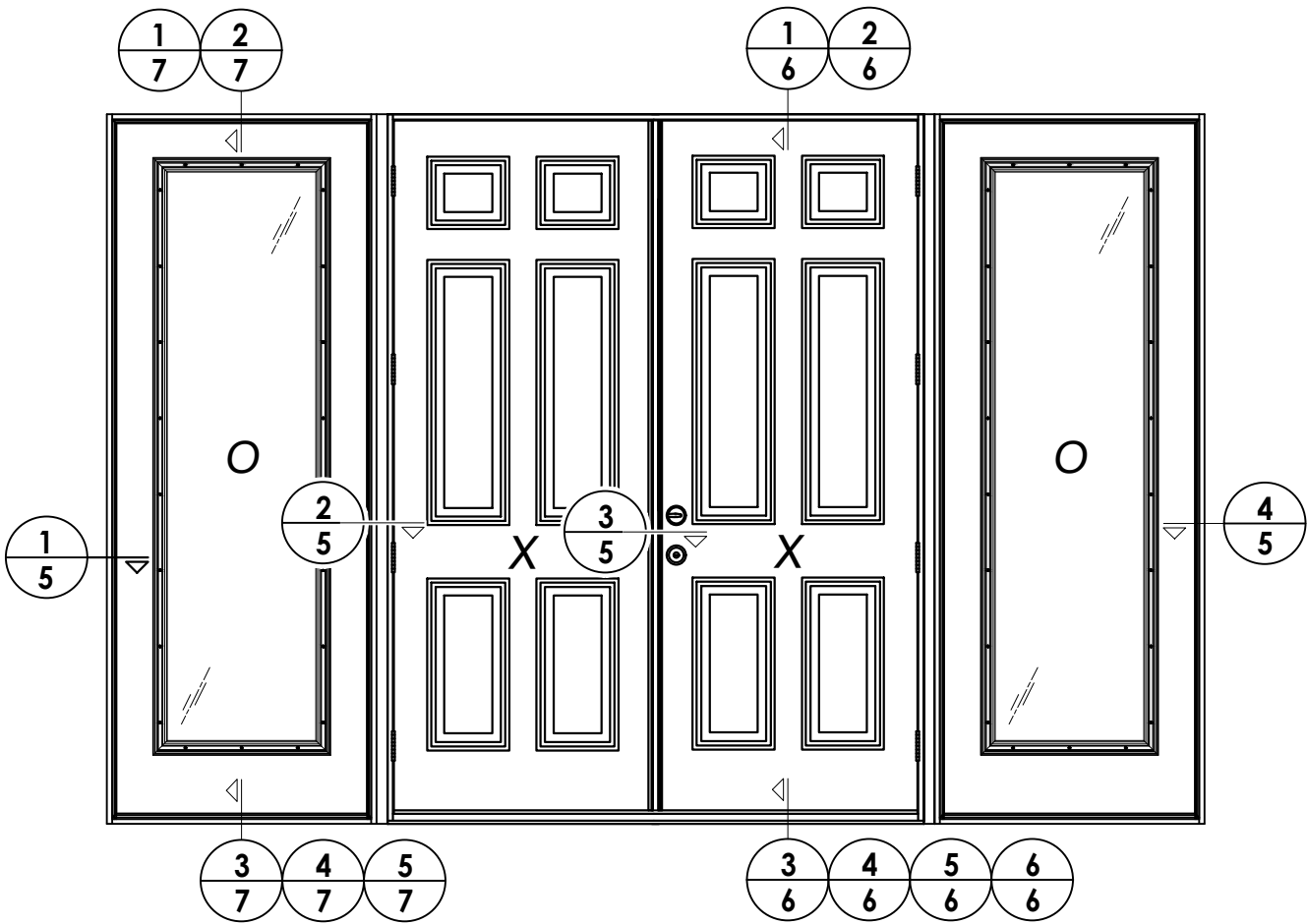
DRAWING NO.: FL-17184.8

SHEET 3 OF 12

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ELEVATION (XX)



ELEVATION (OXXO)

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7	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	DAC	
6	10/17/22	ADD DLP ASTRAGAL				
5	7/19/22	REVISE DOOR/SIDELITE PANELS				
4	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	BY	

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17184.8

SHEET 4 OF 12

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

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P.E. No. 43409

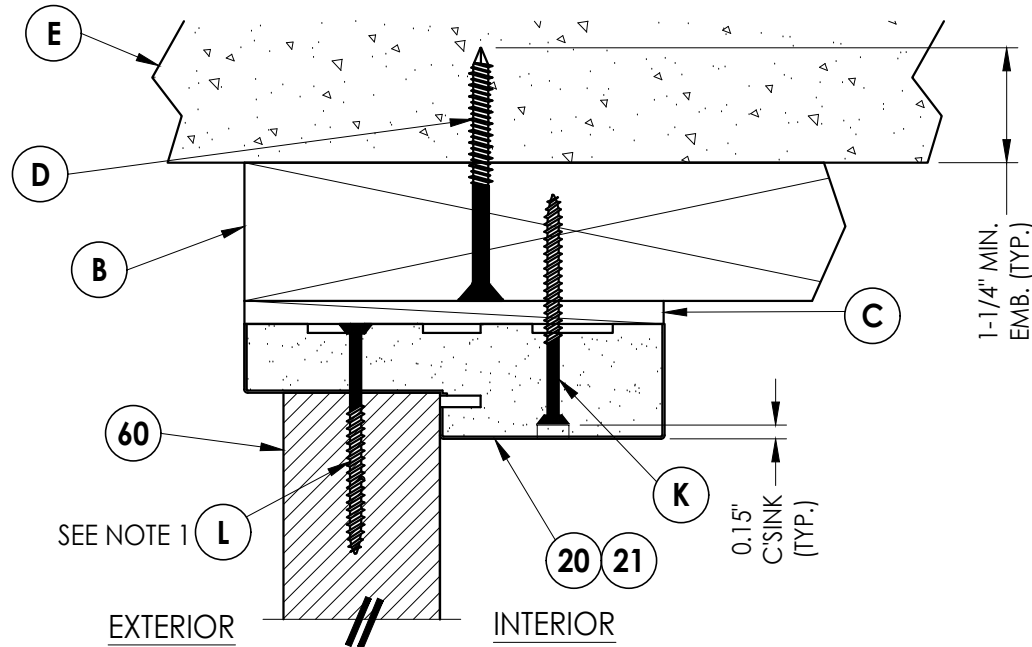
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

R^{qW}
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

FOR OR ASSEMBLY:
VERTICAL CROSS SECTIONS

[illegible]

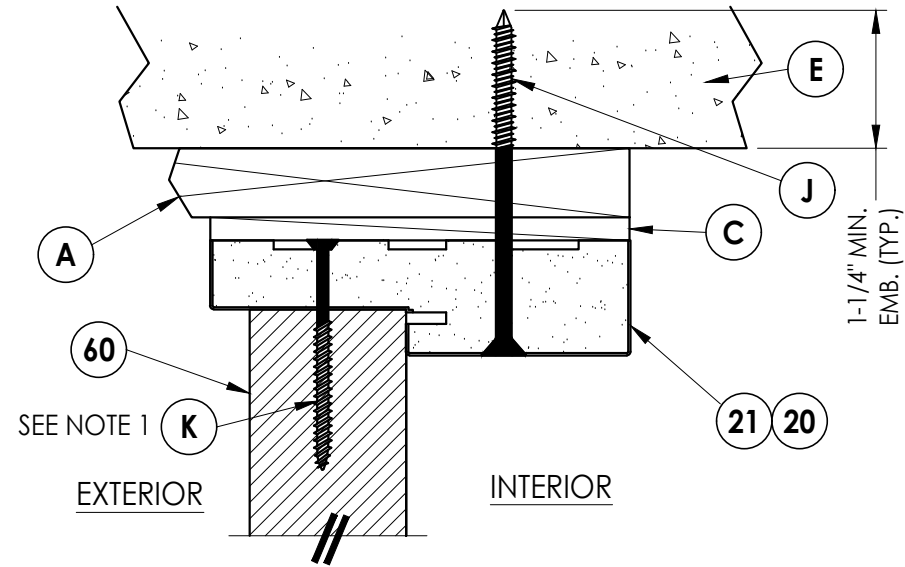
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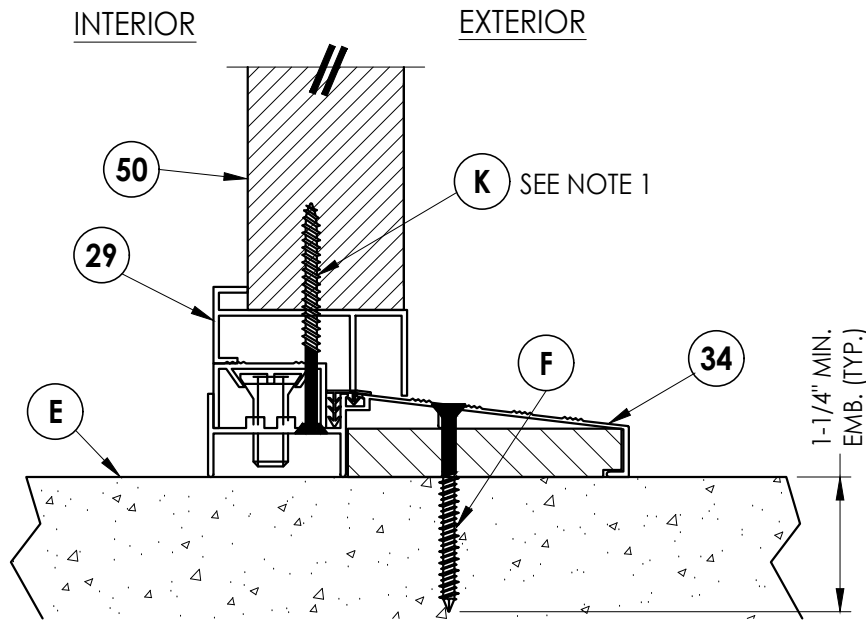
1
7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved

NOTE

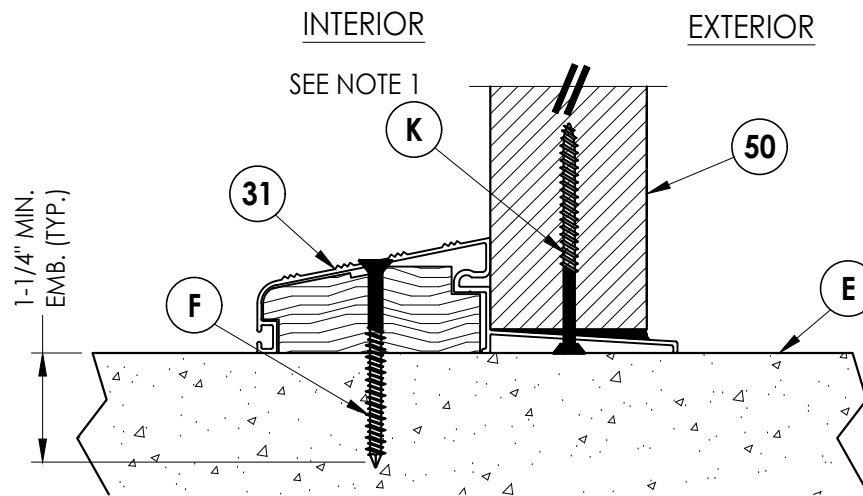
1. Spacing for item K: 6" from each end and at centerline (3 total).



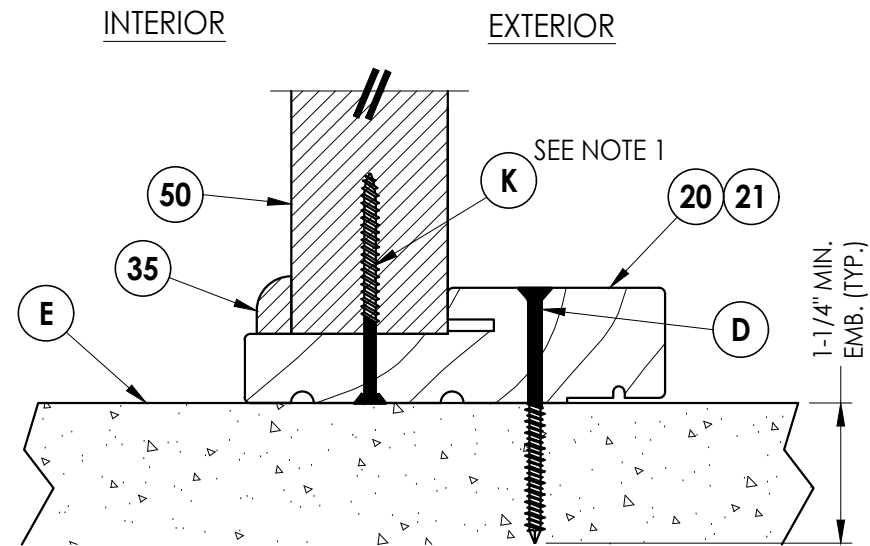
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7 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved
Shown w/1X sub-buck



3
7 **VERTICAL CROSS SECTION**
Inswing configuration



4
7 **VERTICAL CROSS SECTION**
Outswing configuration



5
7 **VERTICAL CROSS SECTION**
Outswing configuration

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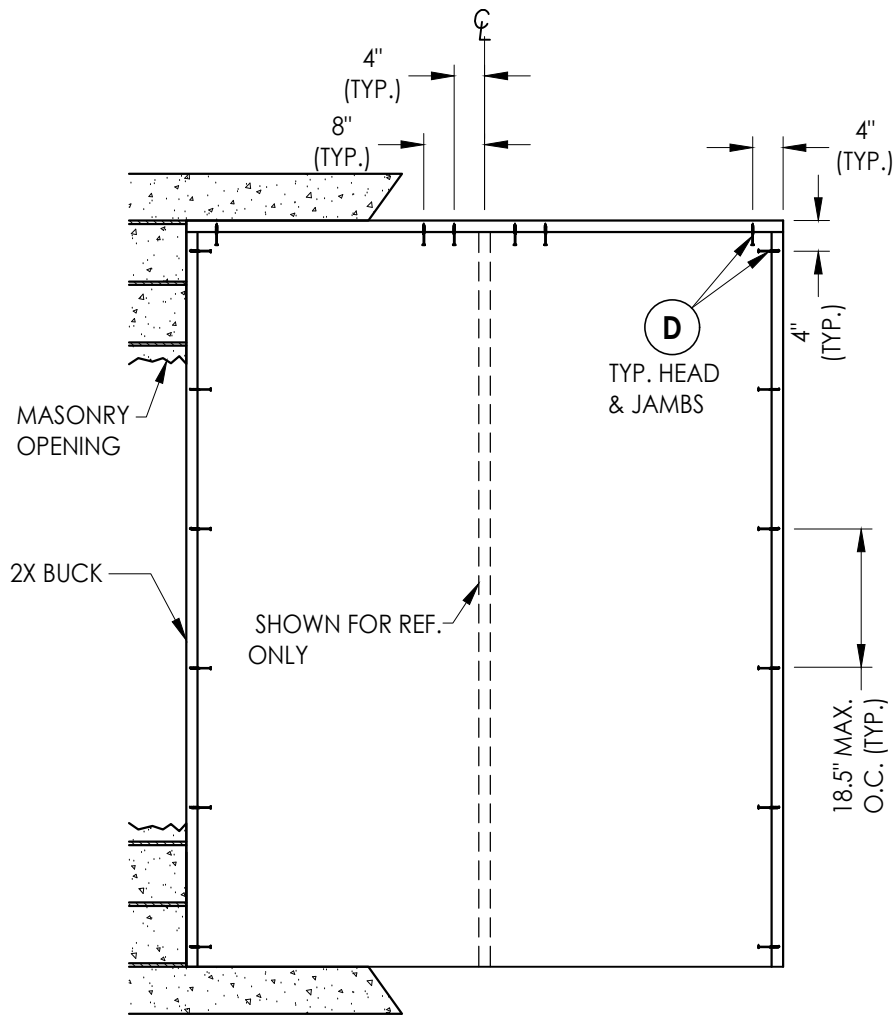
PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

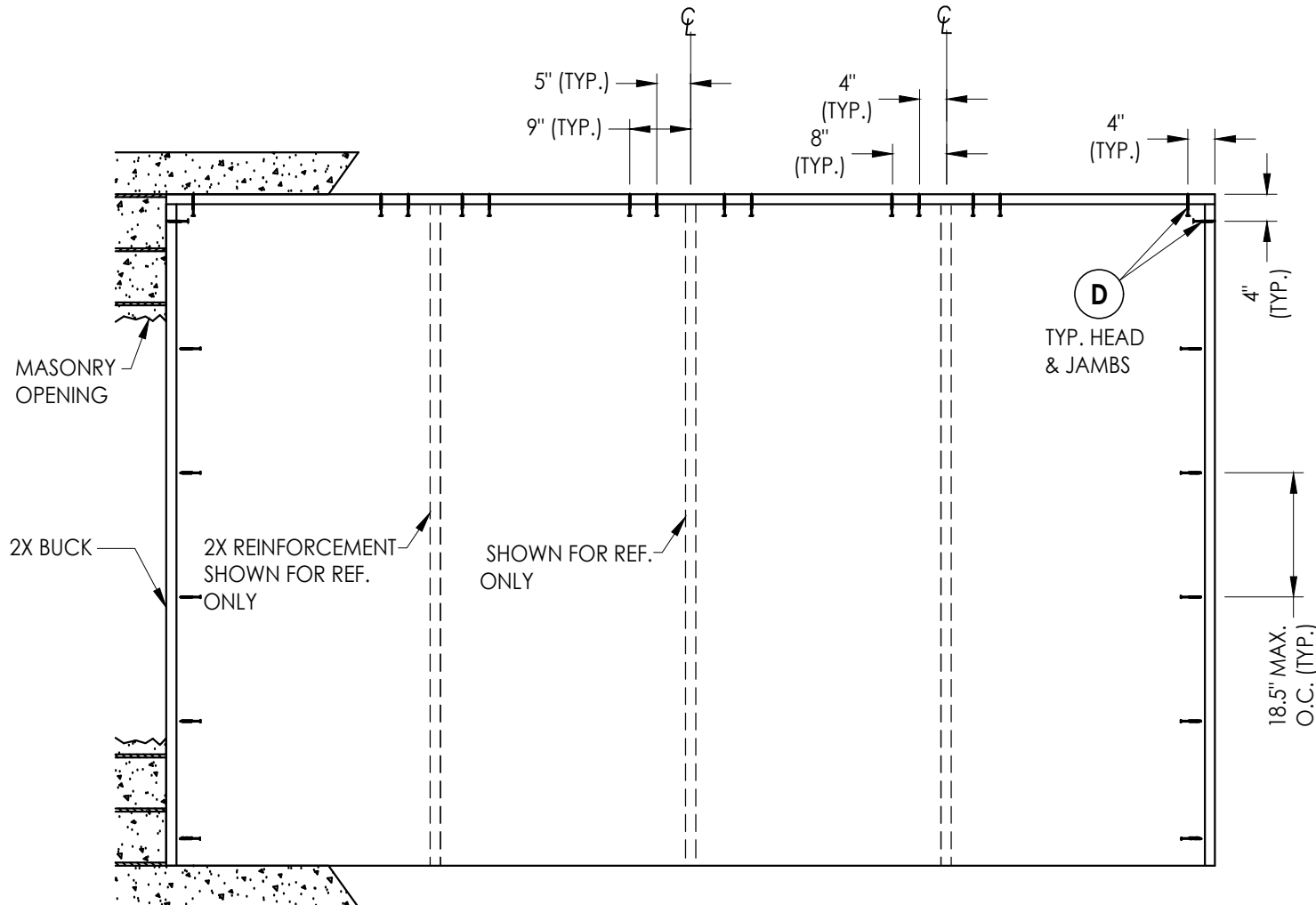
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.8
SHEET 7 OF 12

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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.

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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
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DATE: 02/21/12

SCALE: N.T.S.

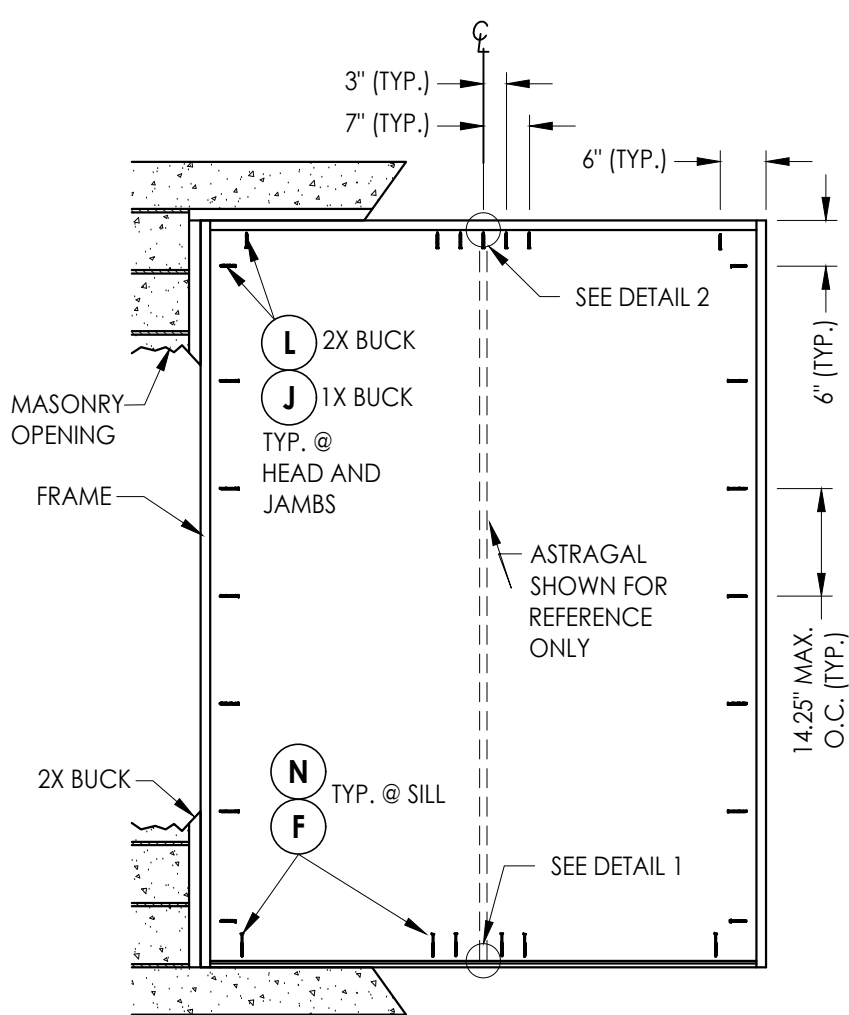
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CHK. BY: LFS

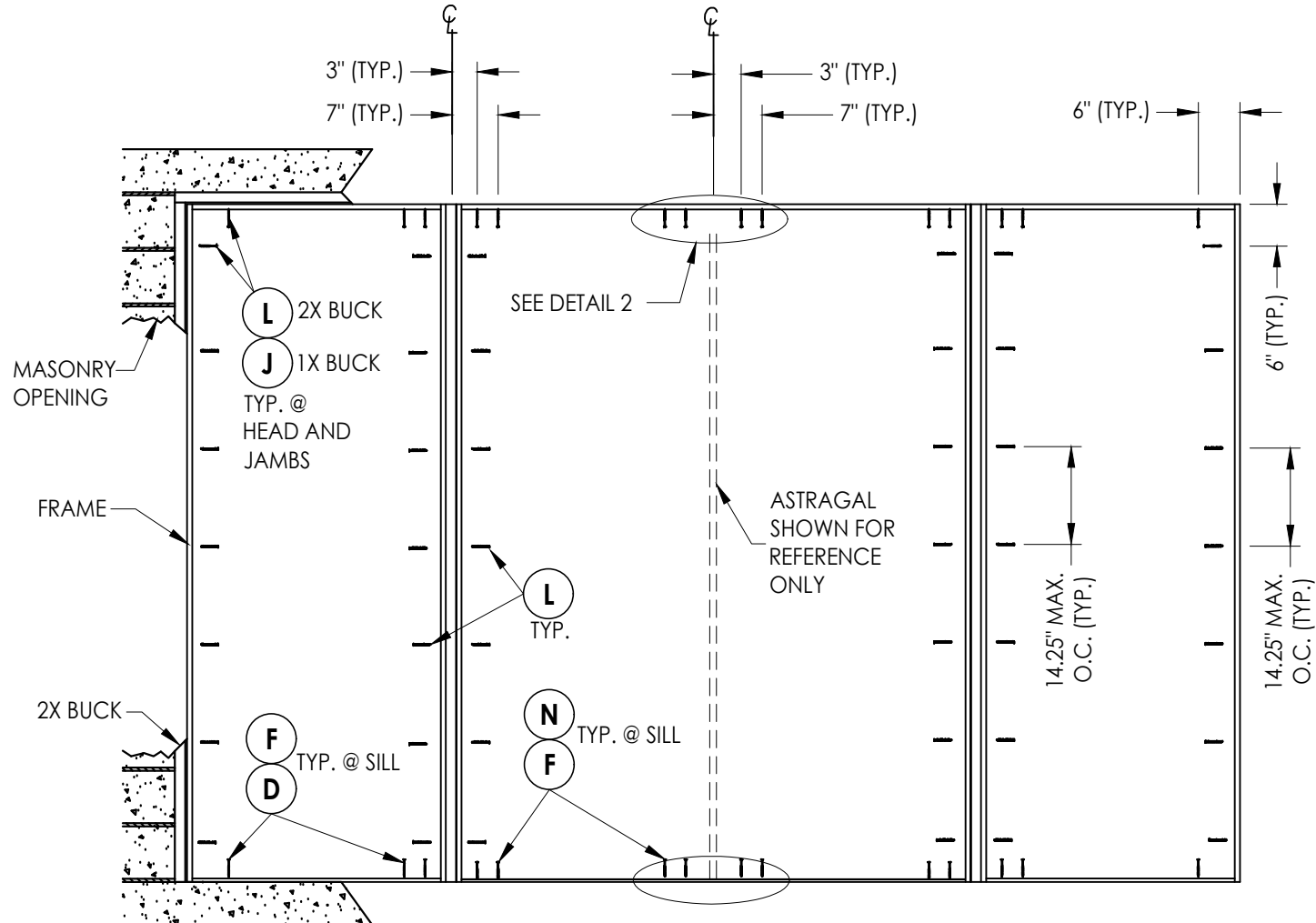
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FL-17184.8

SHEET 8 OF 12

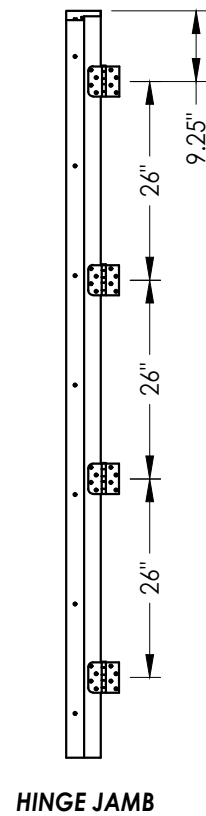
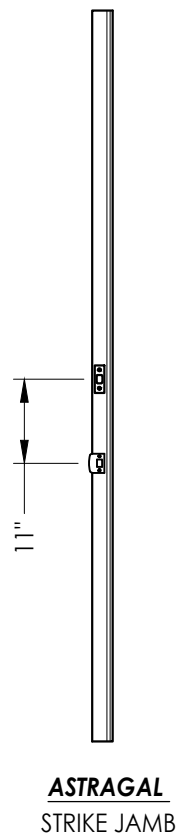
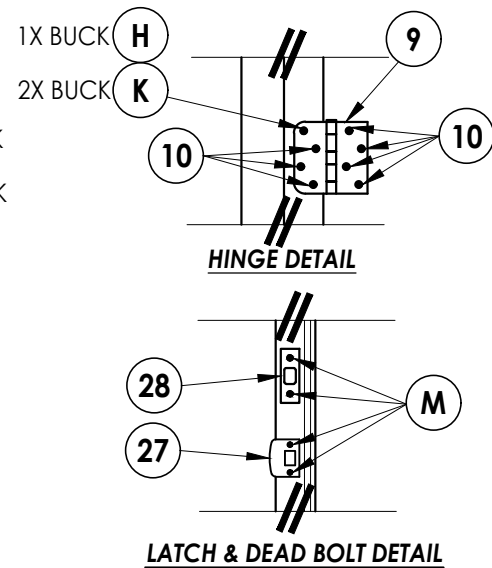
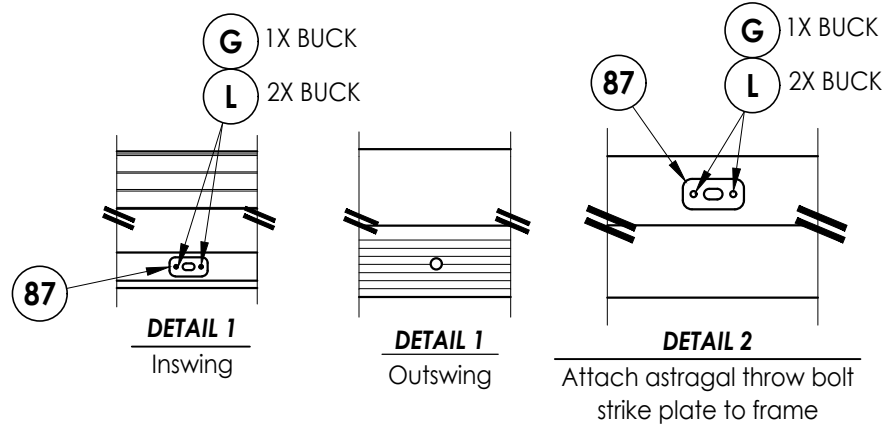
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FRAME ANCHORING
XX



FRAME 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"
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.

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

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
7	8/23/23	UPDATE TO 8TH ED. (2023) FBC
6	10/17/22	ADD DLP ASTRAGAL
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4	8/04/20	UPDATE TO 7TH ED. (2020) FBC
3		
2		
1		

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

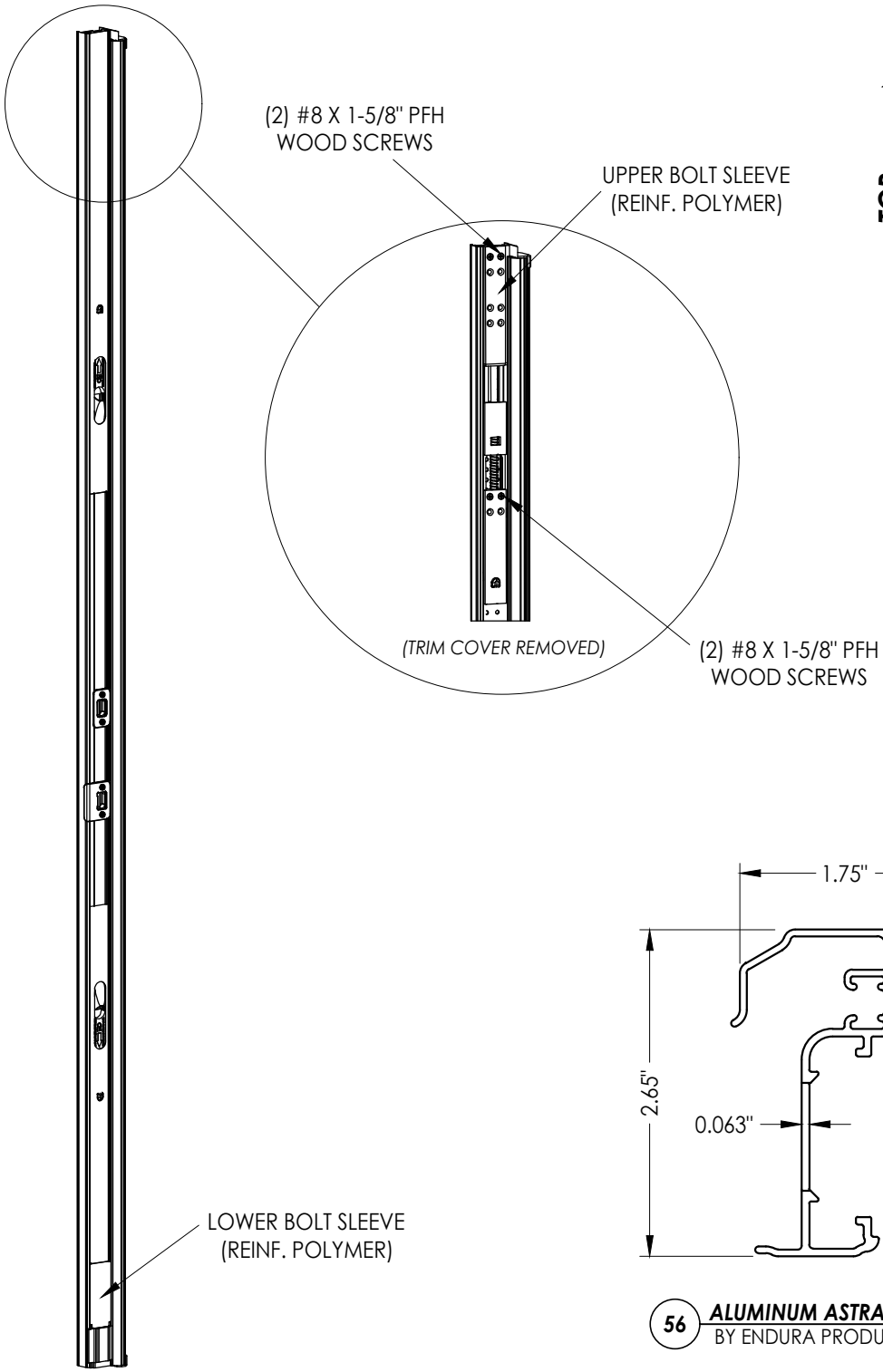
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DRAWING NO.: FL-17184.8

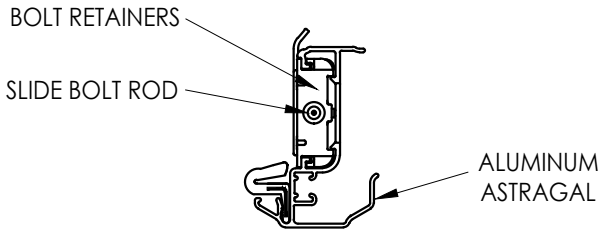
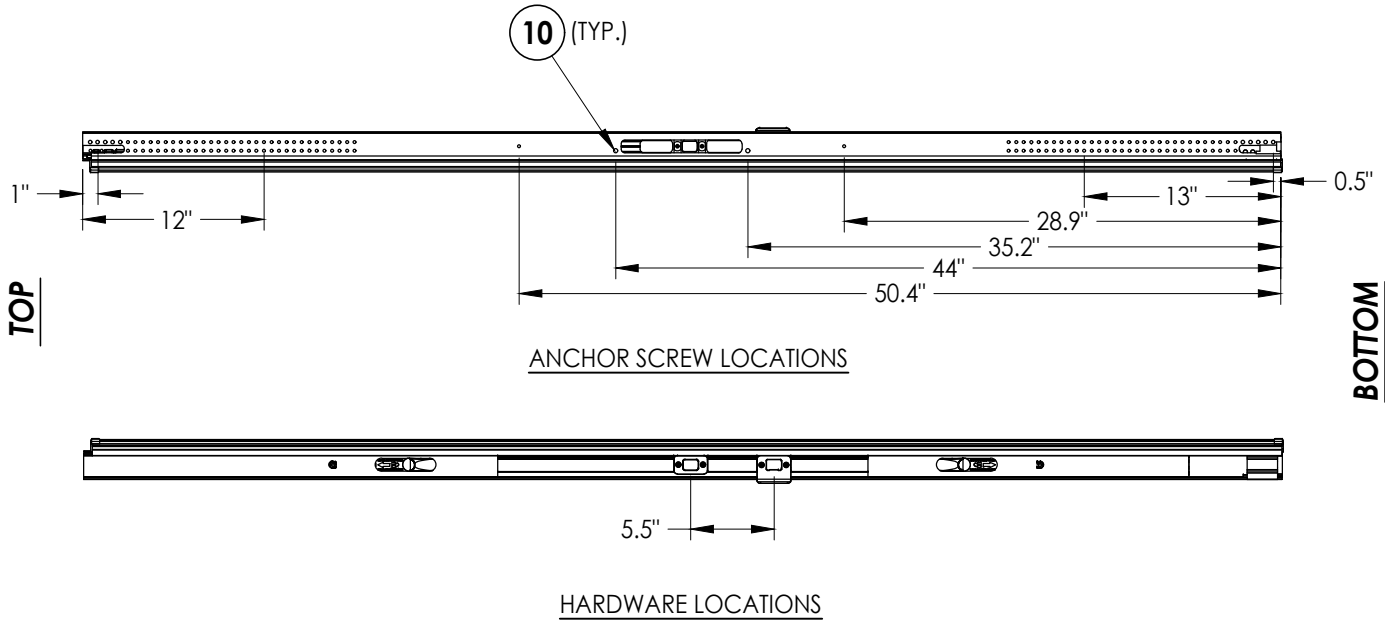
SHEET 9 OF 12

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FBPE Registry No. 9813

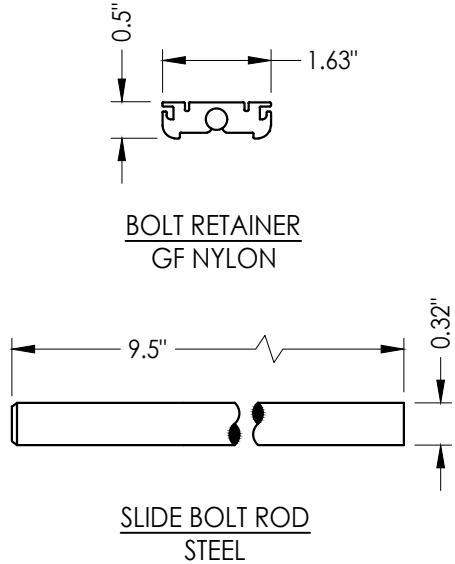
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ULTIMATE HURRICANE ASTRAGAL



ALUMINUM ASTRAGAL ASSEMBLY



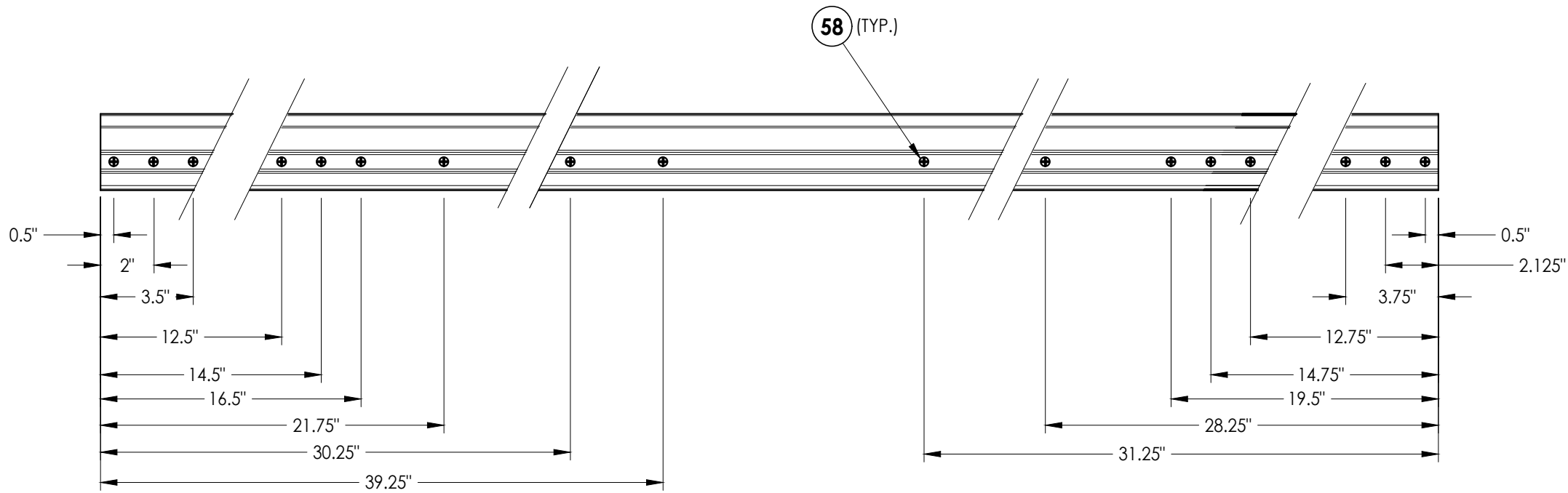
NO.	DATE	REVISIONS
7	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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3		
2		
1		

DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17184.8
SHEET	10 OF 12

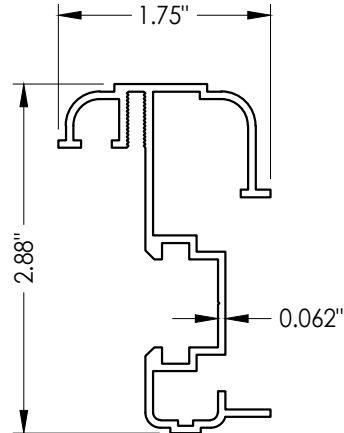
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

Documents Prepared By:
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P.E. No. 43409

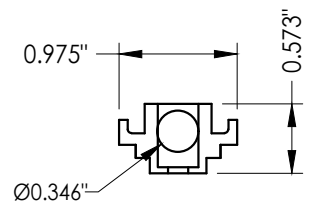
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Phone No.: 813.659.9197
FBPE Registry No. 9813



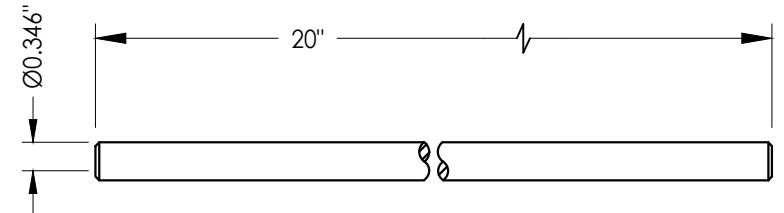
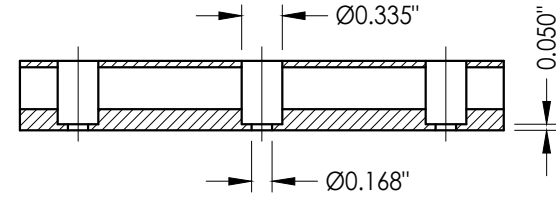
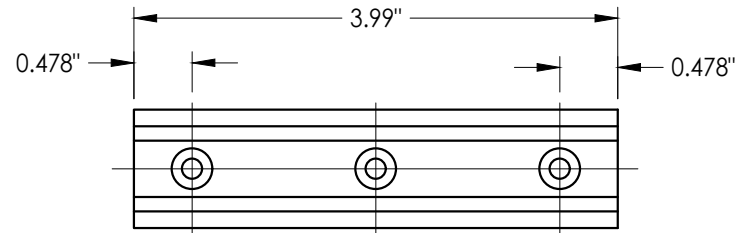
ASTRAGAL SCREW LOCATIONS



57 ASTRAGAL
By DLP



CONCEALED STIFFENER
ALUMINUM



SLIDE BOLT ROD
STEEL

NO.	DATE	REVISIONS
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3		
2		
1		

DATE:	02/21/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17184.8
SHEET	11 OF 12

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

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