



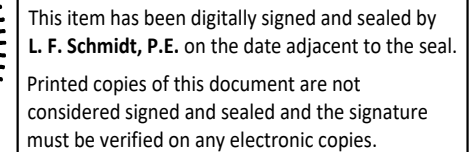
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
INSWING / OUTSWING
"IMPACT"

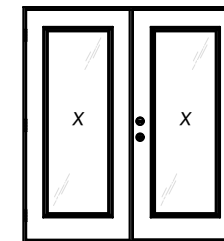
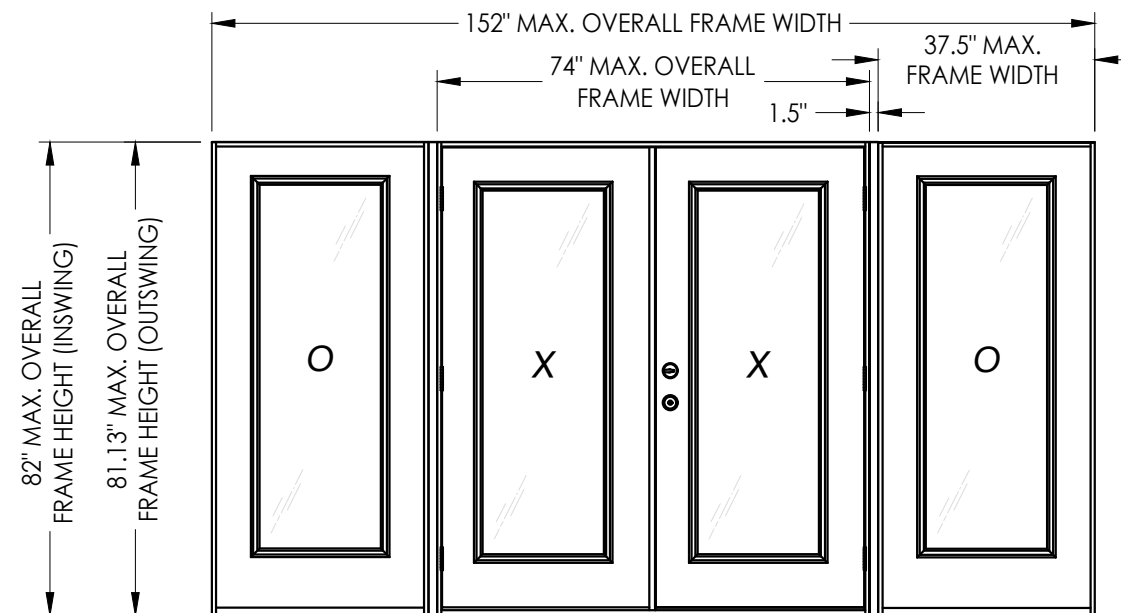
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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 complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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 E 1996.
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 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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7	Horizontal & Vertical Cross Sections (1X Buck)	17	Astragal details
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10	Vertical Cross Sections (Thresholds)		



THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



XX

CONFIGURATION	MAX. FRAME DIMENSION	SWING	DESIGN PRESSURE (PSF)					
			ENDURA ASTRAGAL		DLP ASTRAGAL		COLUMBIA ASTRAGAL	
			POS.	NEG.	POS.	NEG.	POS.	NEG.
XX	74.0" x 82.0"	INSWING	+55.0	-55.0	+50.0	-60.0	+50.0	-60.0
	74.0" x 81.13"	OUTSWING	+55.0	-55.0	+65.0	-65.0	+50.0	-50.0
OXXO	152.0" x 82.0"	INSWING	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	152.0" x 81.13"	OUTSWING	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0

See Sheet 2 for hardware design pressure limitations

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

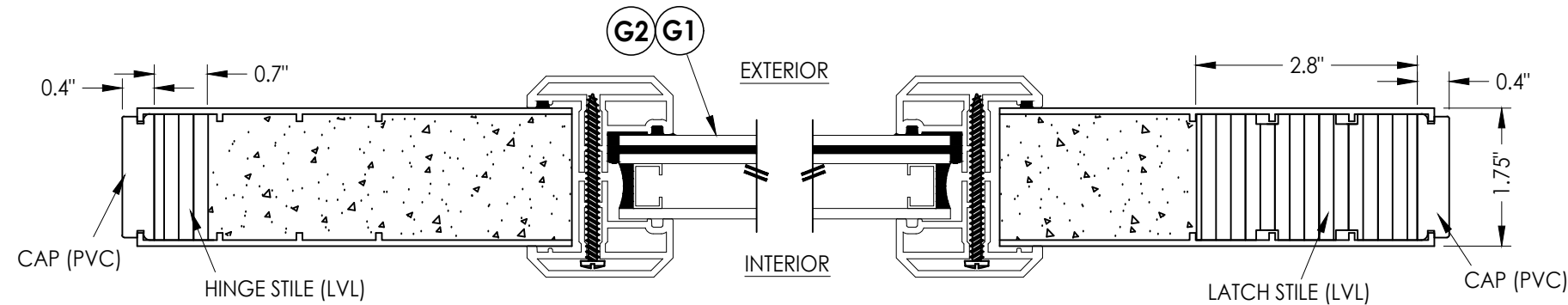
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PRASTPRO INC.
FIBERGLASS DOOE

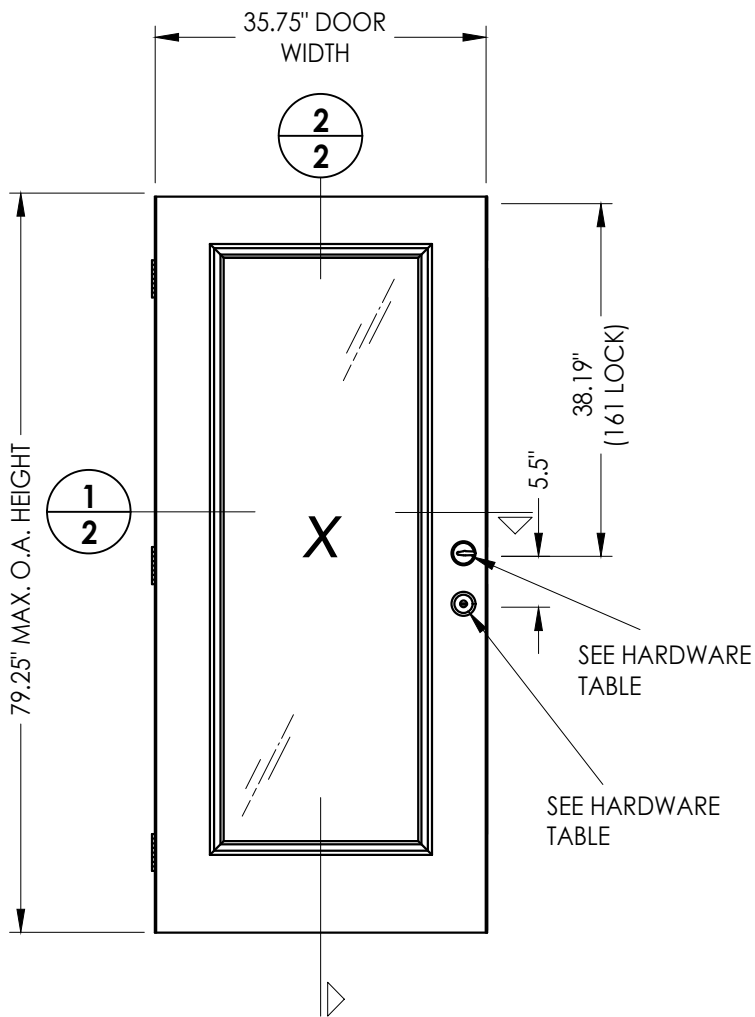
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

5	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
4	8/17/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
3	7/29/20	UPDATE TO 7TH ED	(2020)	FBC	LFS
		& REVISE ENDURA ULT. ASTRAGAL			
2	7/24/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
1	3/9/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
NO.	DATE				
					BY
					REVISIONS
DATE: 02/16/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15210.6					
SHEET 1 OF 19					

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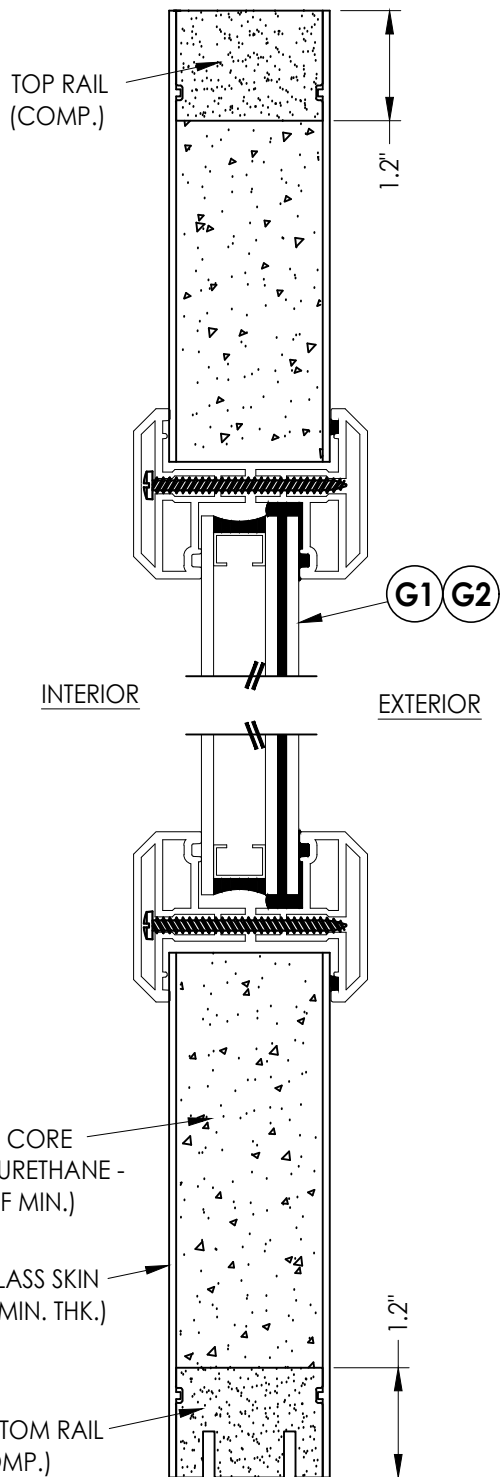
1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	KNOB:	SIGNATURE SERIES	± 65
	DEADBOLT:	SIGNATURE SERIES (980)	
SCHLAGE	KNOB:	"F" SERIES (F51)	± 65
	DEADBOLT:	"B" SERIES (B60/62)	
PAMEX	LEVER:	FL3B SERIES	± 65
	DEADBOLT:	FD7 SERIES	
HOPPE	MULTIPOINT LOCK:	HLS9000 3-POINT TONGUE	± 50
ENDURA	MULTIPOINT LOCK:	TRILENNIUM 3000 (3-PT)	± 65

See Sheets 11 & 12 for multipoint lock details.



2
2 **VERTICAL CROSS SECTION**

Documents Prepared By:
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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:
PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	7/24/17	& REVISE ENDURA ULT. ASTRAGAL		
1	3/9/15	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE	UPDATE TO 5TH ED. (2014)	FBC	JK
BY				

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

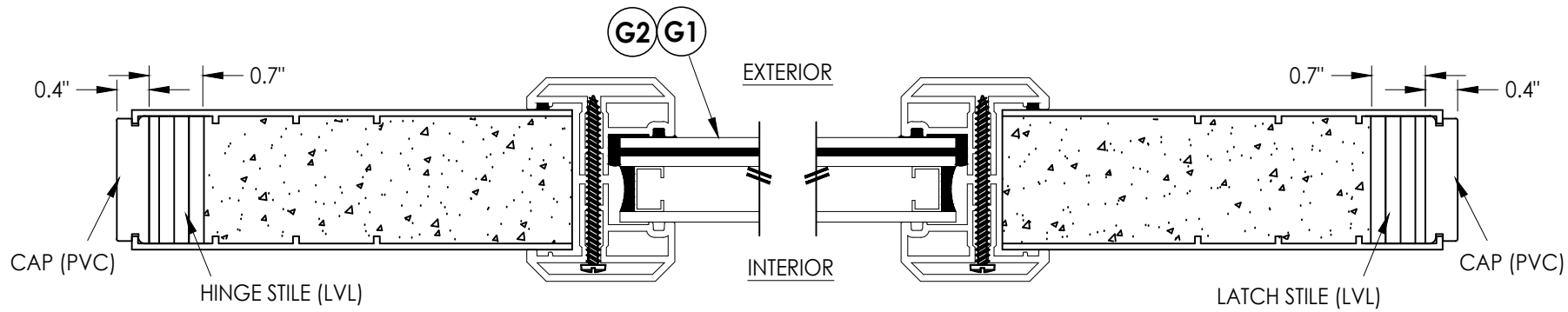
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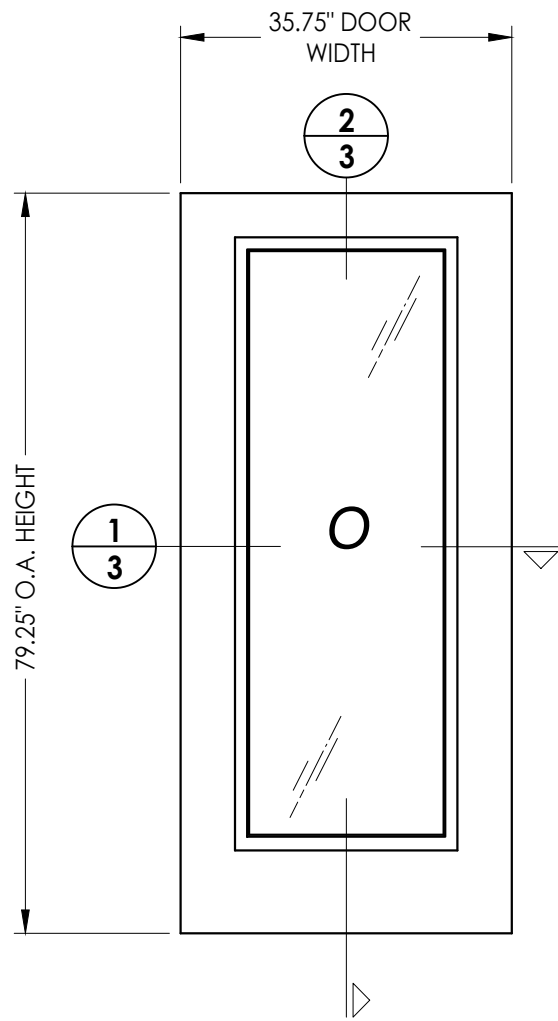
FL-15210.6

SHEET 2 OF 19

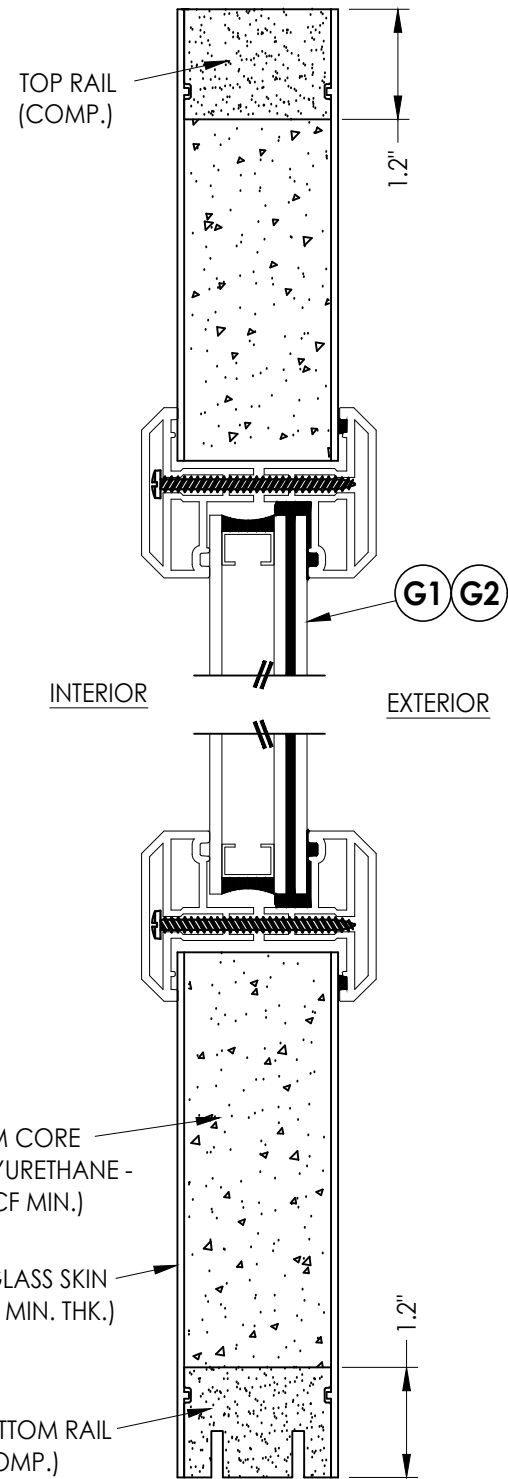
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1
3 **HORIZONTAL CROSS SECTION**



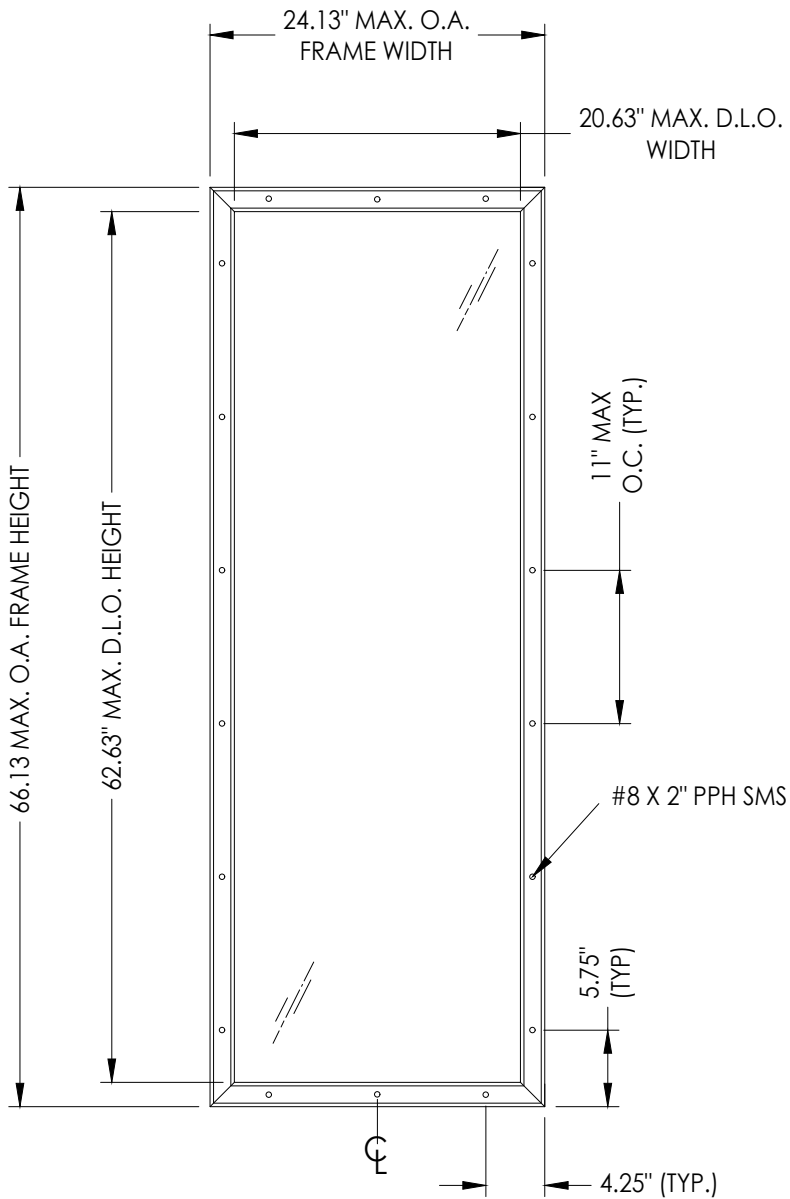
50 **SIDELITE PANEL**



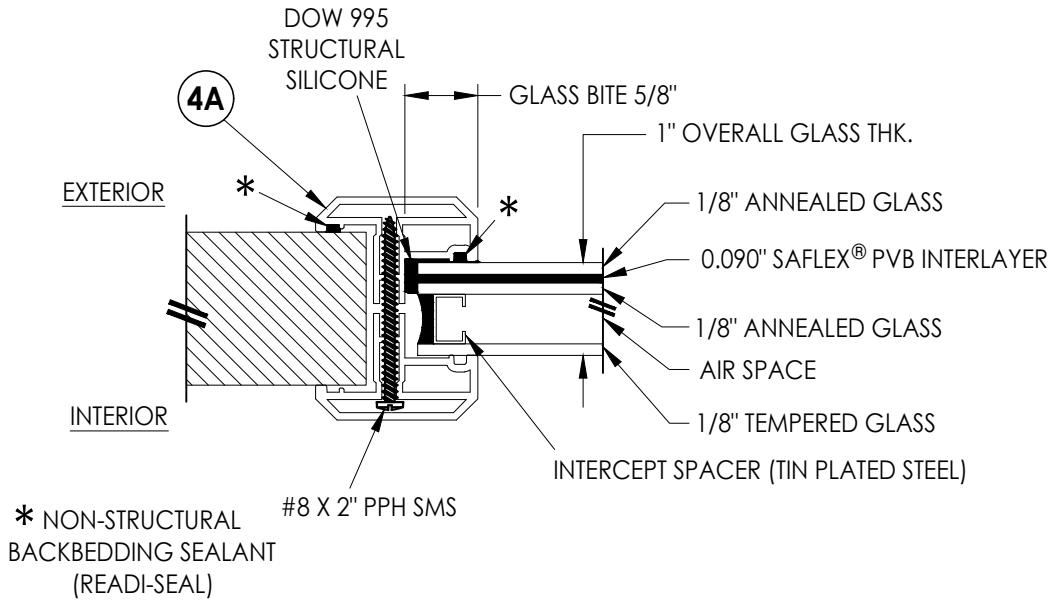
2
3 **VERTICAL CROSS SECTION**

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: PRASTPRO INC. FIBERGLASS DOOE					PART OR ASSEMBLY: SIDELITE PANEL DETAILS				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS				
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	7/29/20	UPDATE TO 7TH ED (2020)	FBC	LFS					
		& REVISE ENDURA ULT. ASTRAGAL							
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK					
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK	NO. DATE				
				BY					
DATE: 02/16/12									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15210.6									
SHEET 3 OF 19									

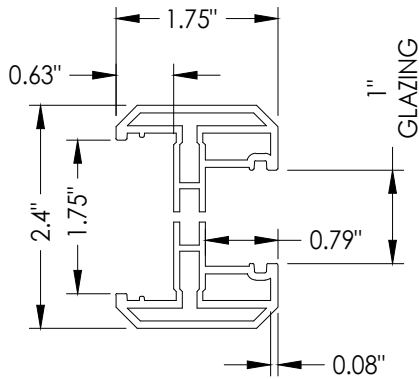
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ODL LITE FRAME



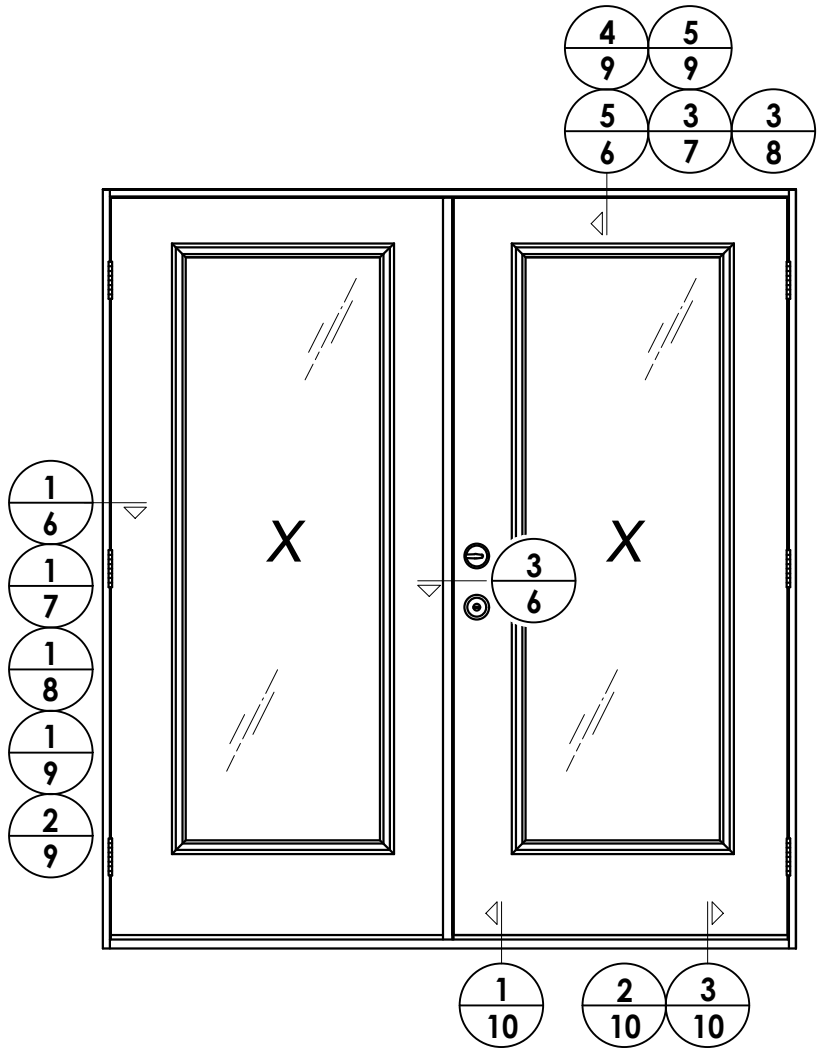
G1 GLAZING DETAIL
ODL "FLAT FRAME"



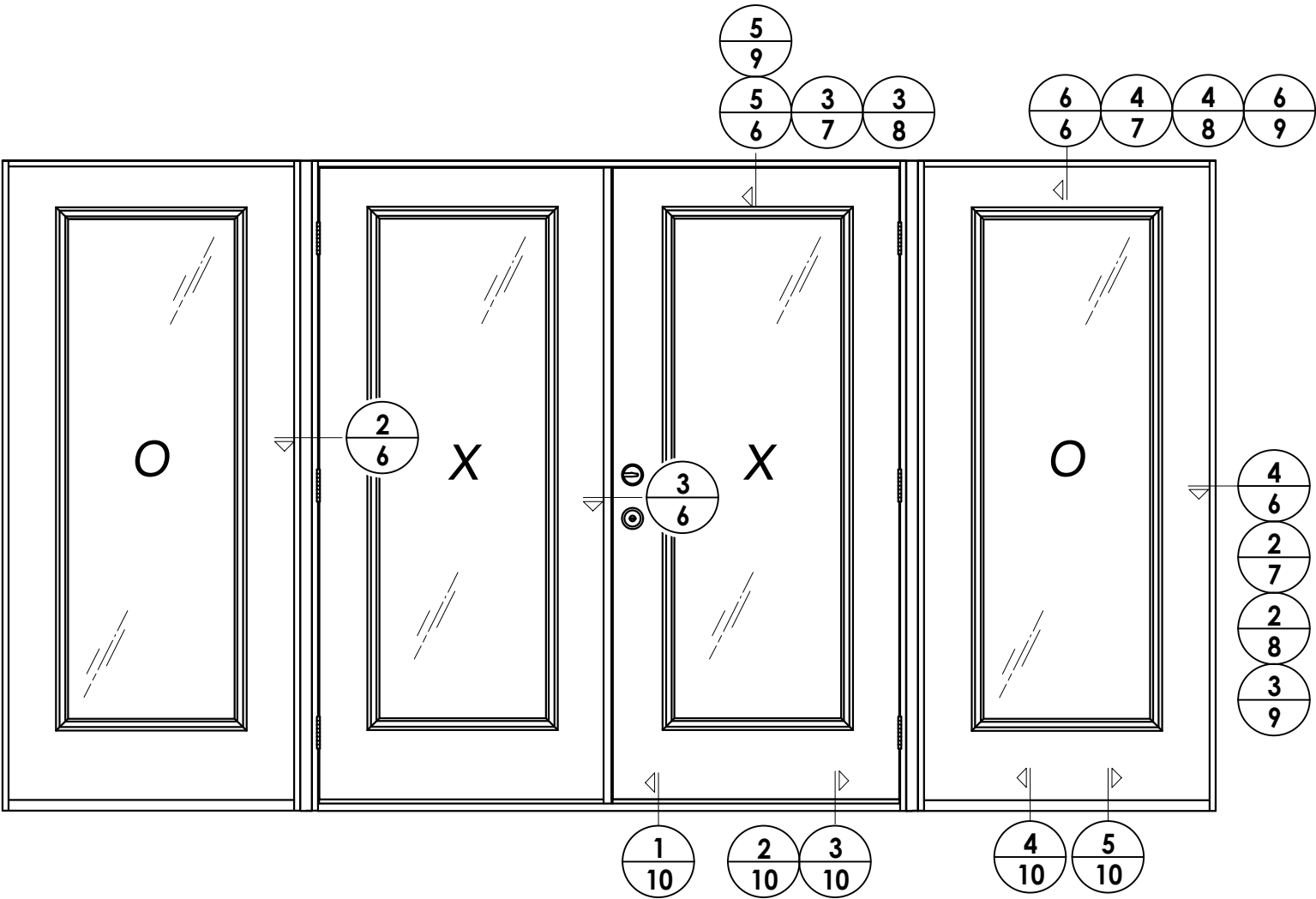
4A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)

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: PRASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: LITE FRAME DETAILS AND GLAZING DETAILS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC
		& REVISE ENDURA ULT. ASTRAGAL	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		BY
REVISIONS			
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15210.6			
SHEET 4 OF 19			

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ELEVATION (XX)



ELEVATION (OXXO)

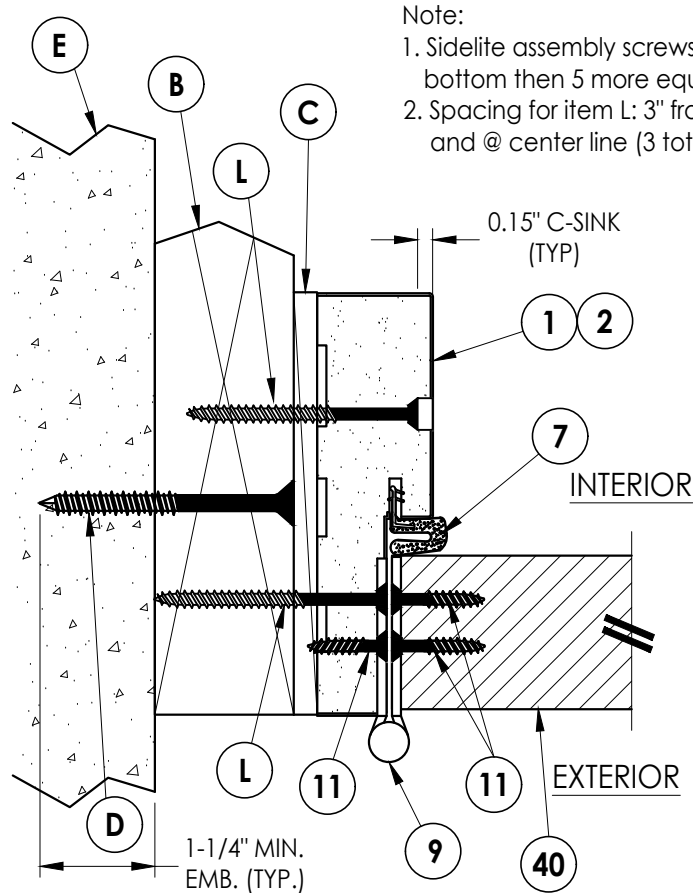
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4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
		& REVISE ENDURA ULT. ASTRAGAL				
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	NO.	DATE
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
				BY		

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.6
SHEET 5 OF 19

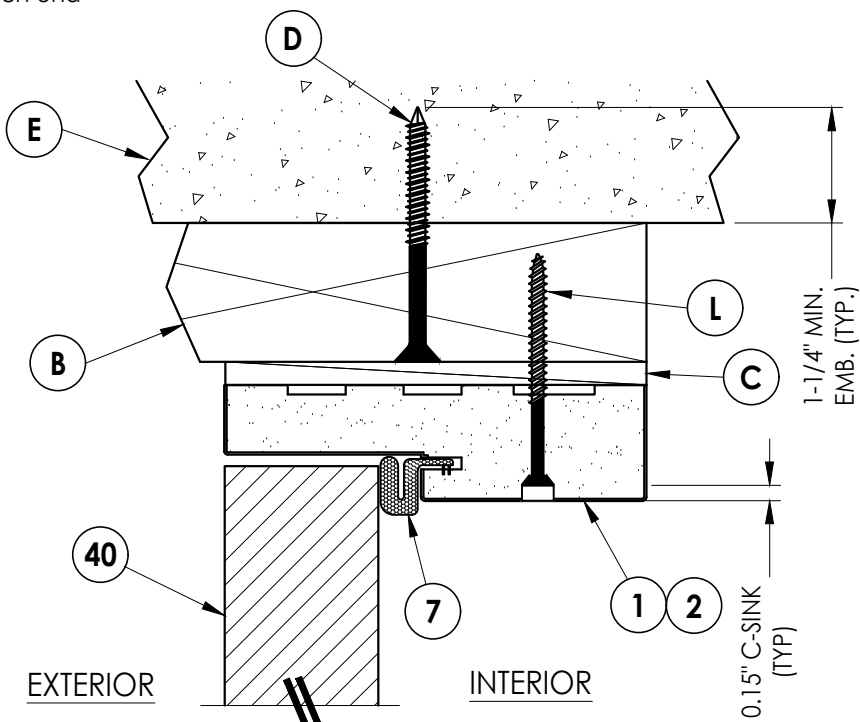
PRODUCT: PRASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: ELEVATIONS

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

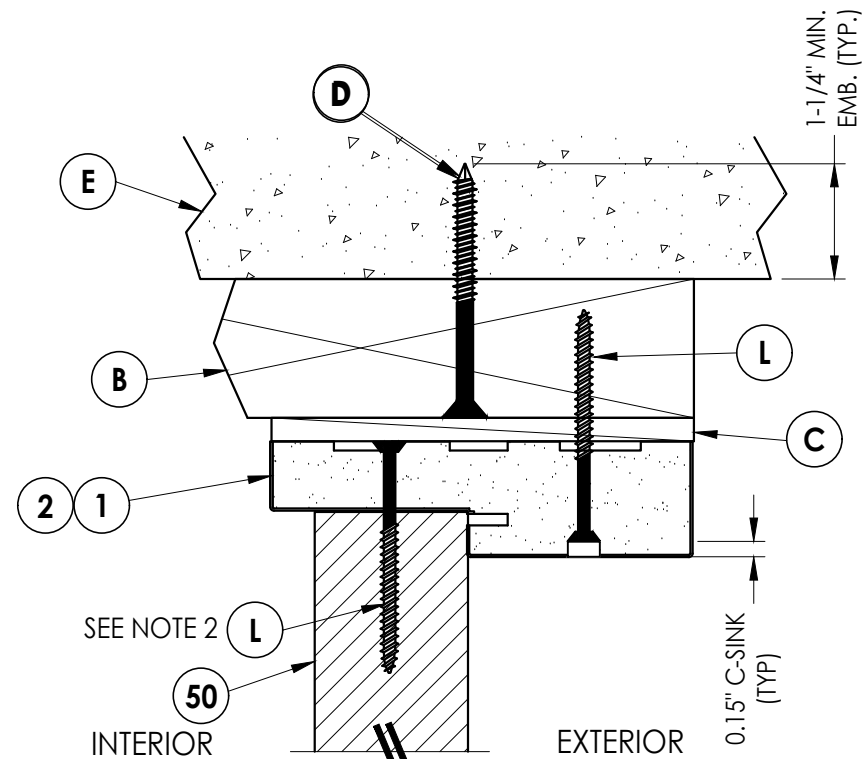
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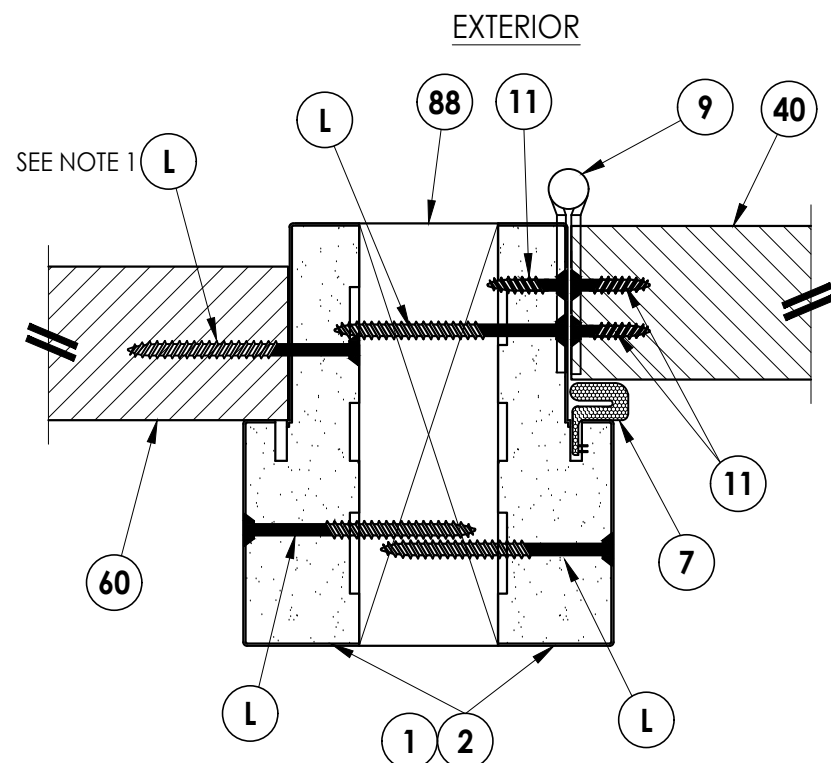
1
6 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved



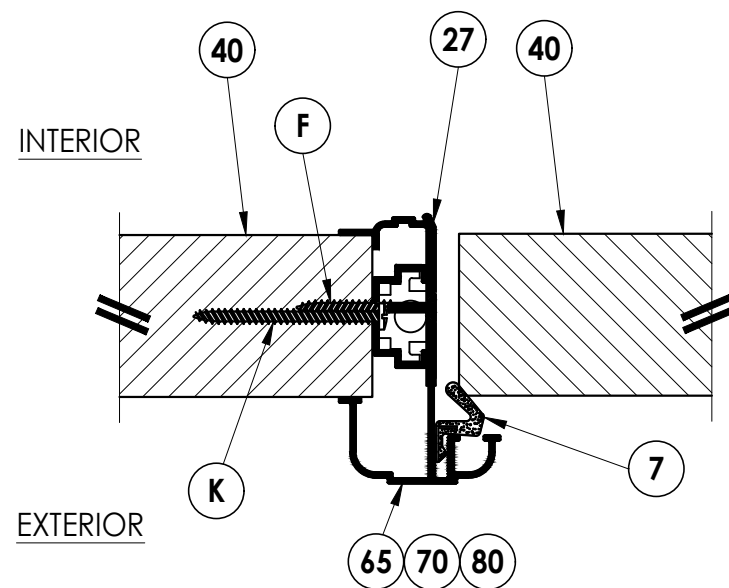
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6 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



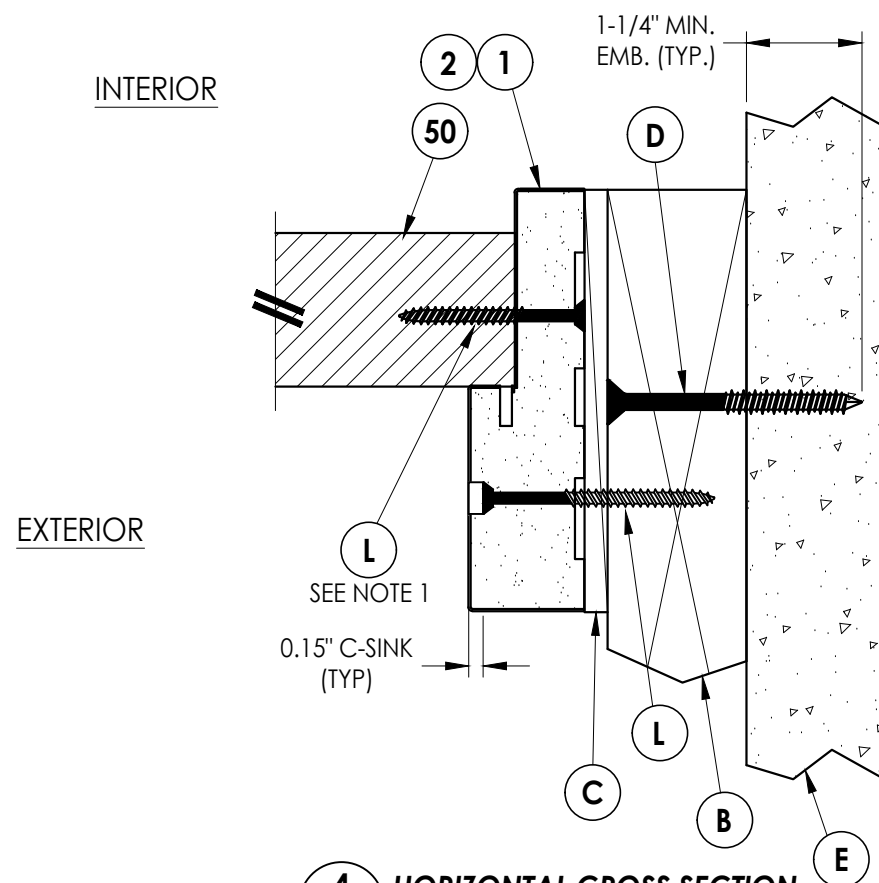
6
6 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved
Shown with 1X reinforcement



3
6 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved



4
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

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

PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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

NO.	DATE	REVISIONS				
		BY	CHK	DATE	DESCRIPTION	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
		& REVISE ENDURA ULT. - ASTRAGAL				
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK		

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

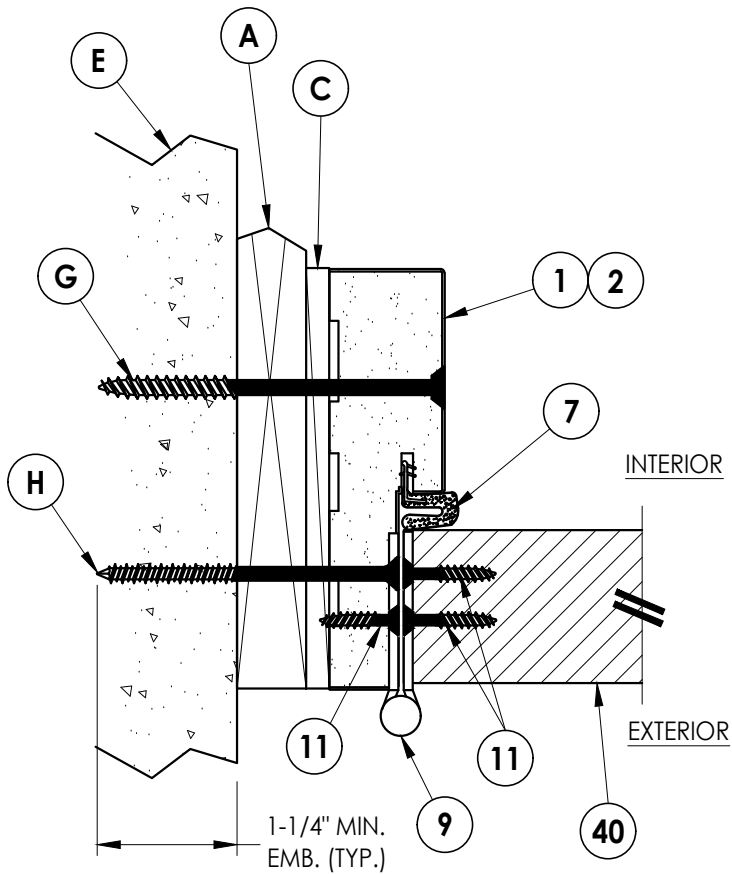
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FL-15210.6

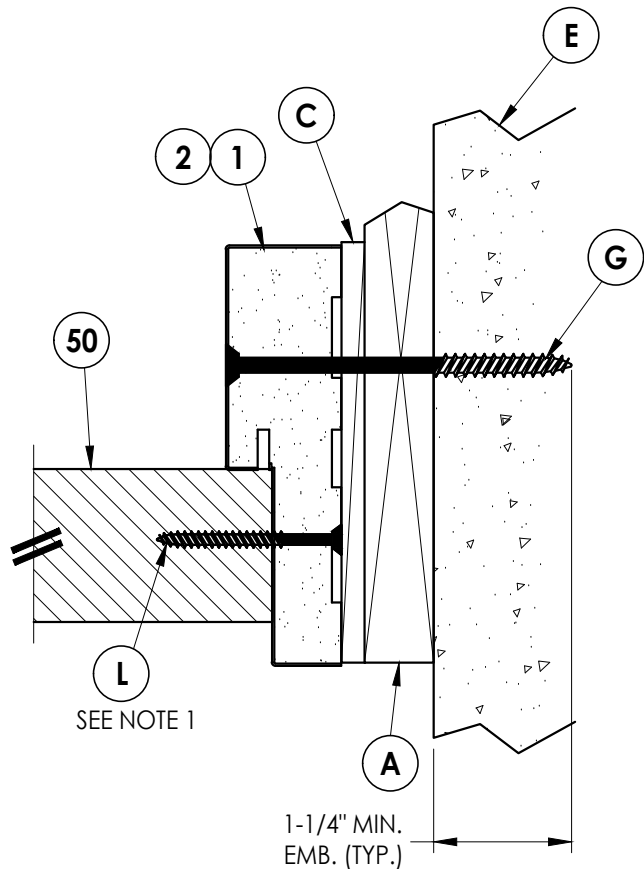
SHEET 6 OF 19

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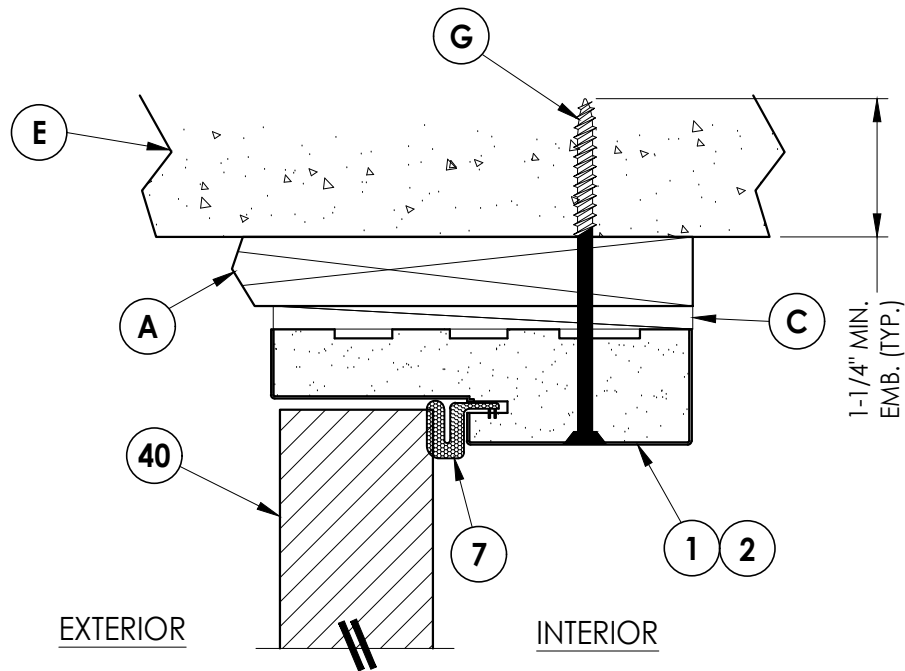
- Note:
1. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 2. Spacing for item L: 3" from each end and @ center line (3 total).



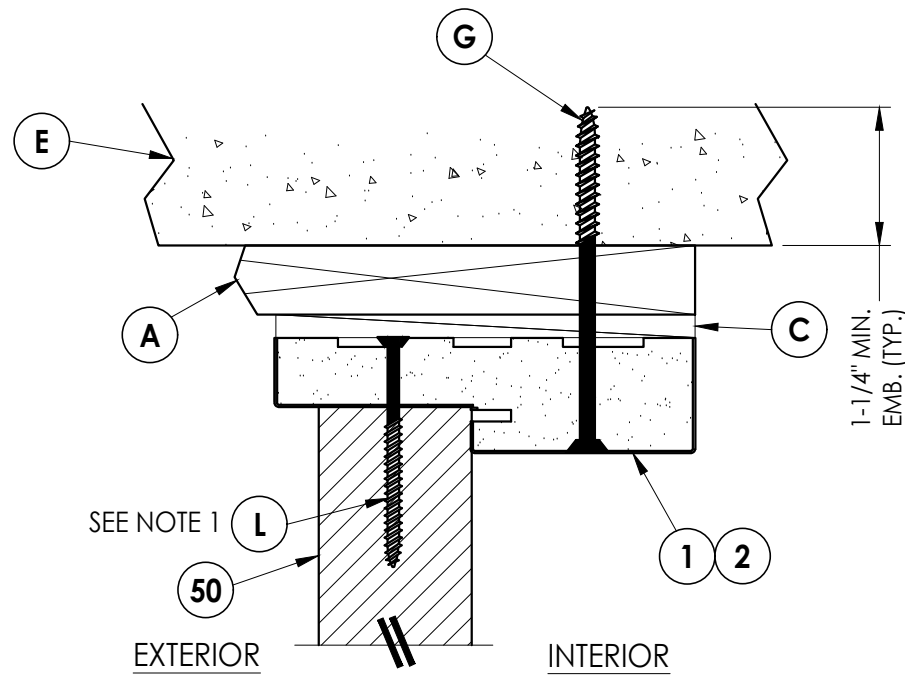
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



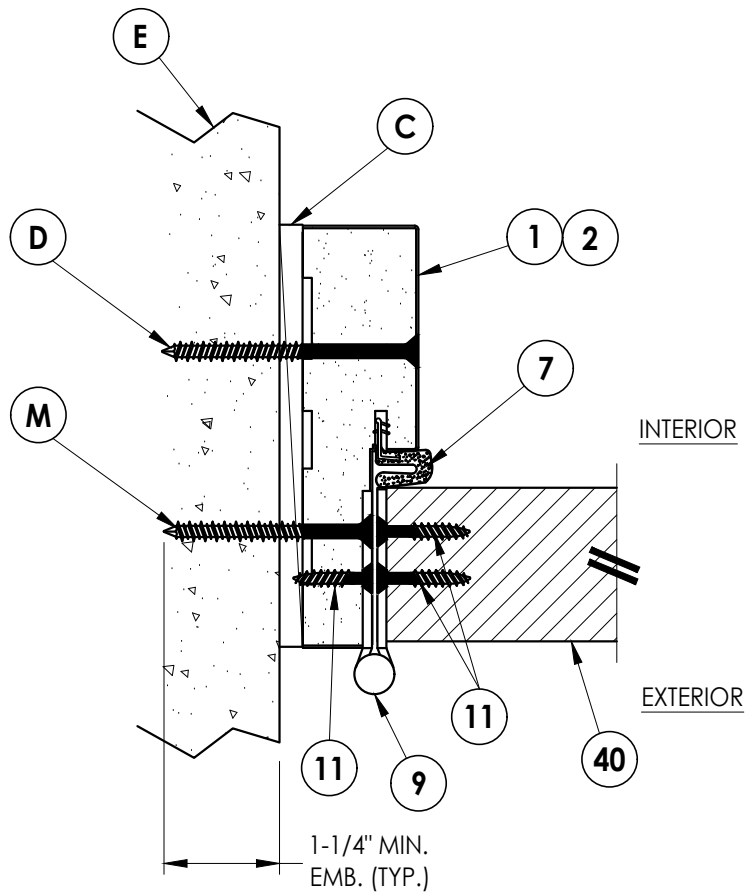
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7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



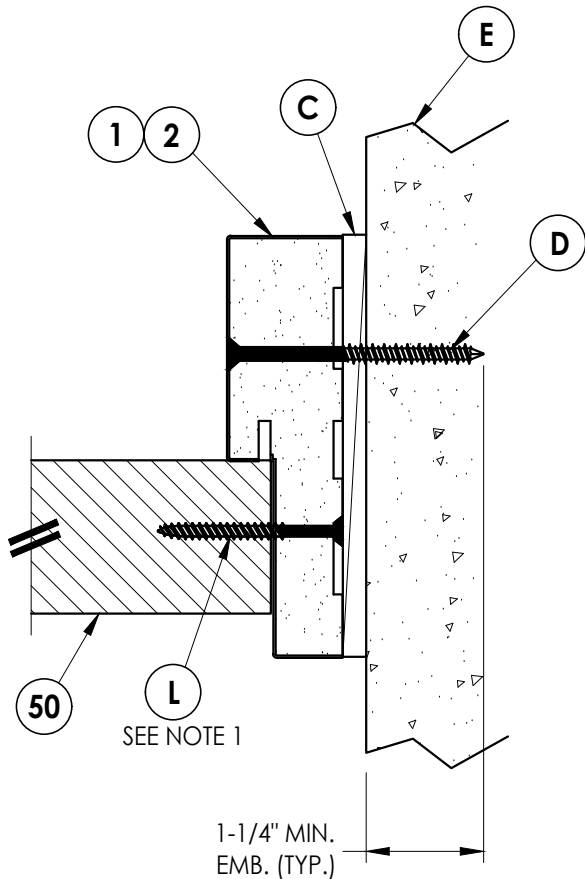
4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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: PRASTPRO INC. FIBERGLASS DOOE					PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)				
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS					
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	7/29/20	UPDATE TO 7TH ED (2020)	FBC	LFS					
		& REVISE ENDURA ULT. ASTRAGAL							
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK					
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK					
NO.	DATE			BY					
					REVISIONS				
DATE: 02/16/12									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15210.6									
SHEET 7 OF 19									

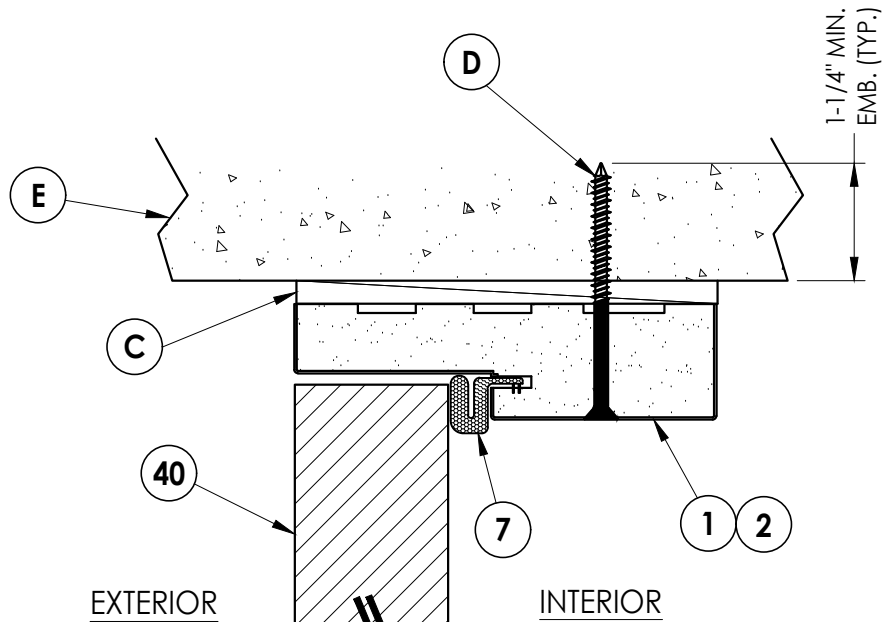
- Note:
1. Sidelife assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 2. Spacing for item L: 3" from each end and @ center line (3 total).



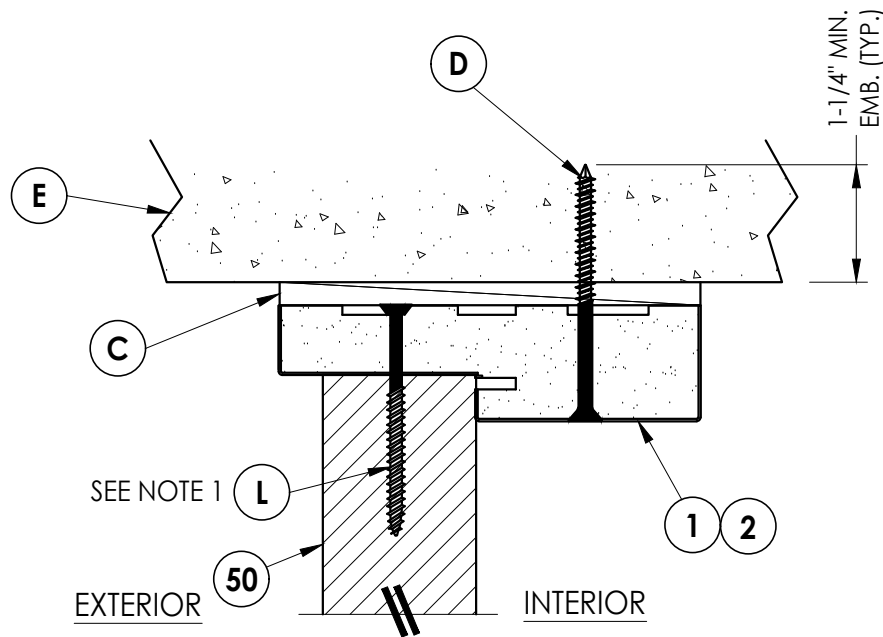
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

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

PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

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

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

DATE: 02/16/12

SCALE: N.T.S.

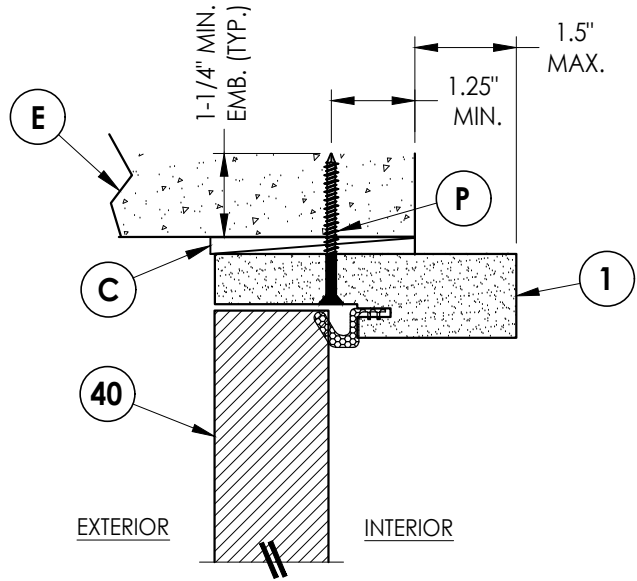
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CHK. BY: LFS

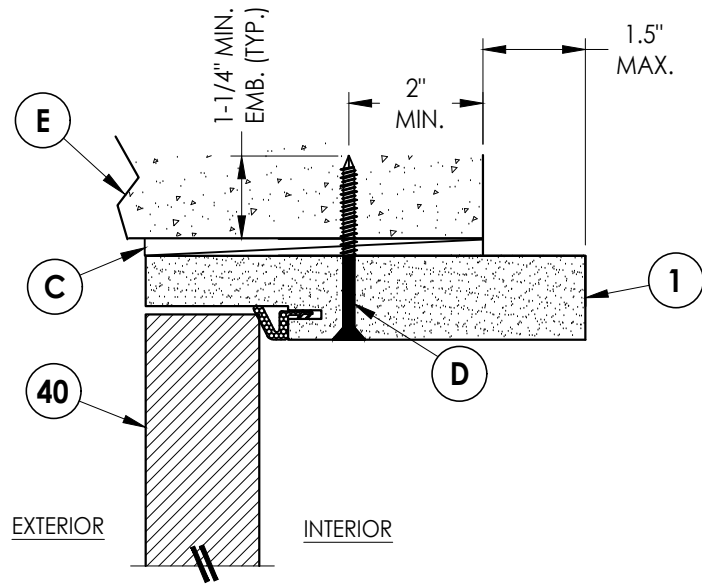
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FL-15210.6

SHEET 8 OF 19

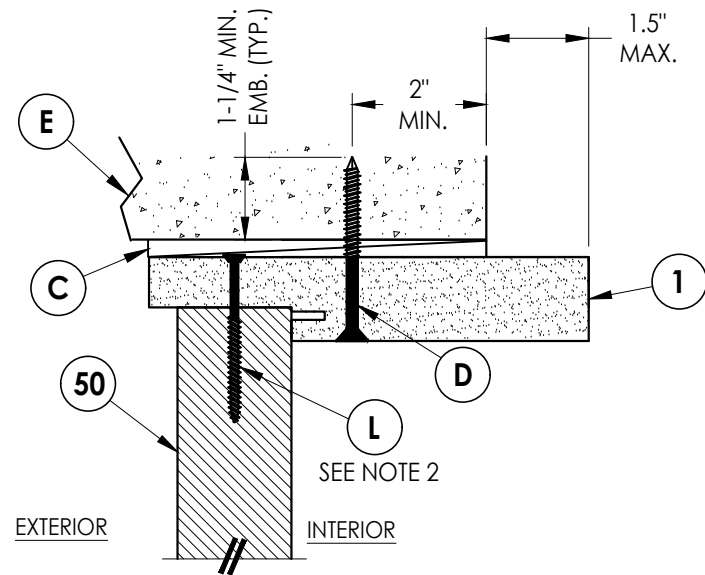
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4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

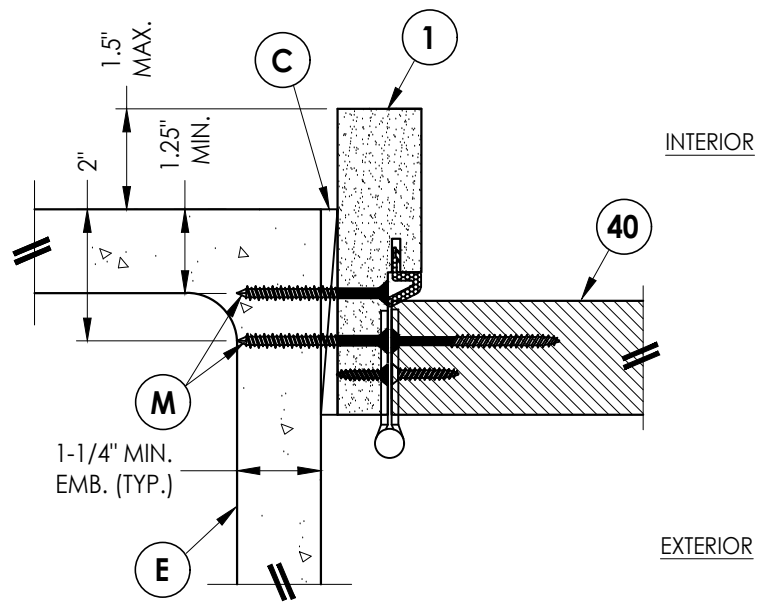


5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

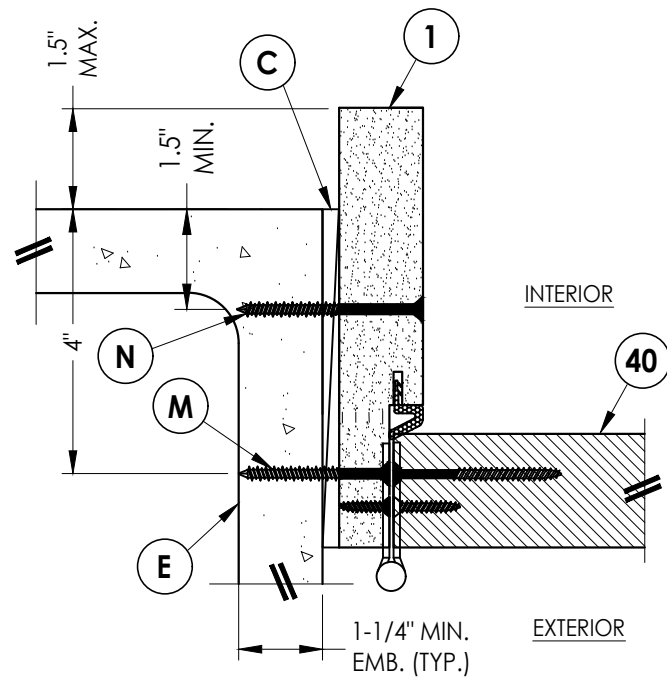


6
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

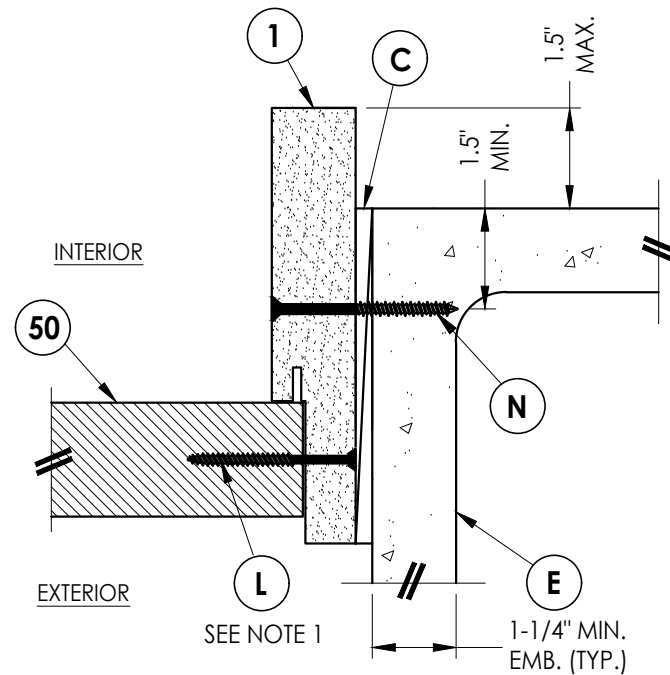
- Note:
- Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 - Spacing for item L: 3" from each end and @ center line (3 total).



1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



2
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

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

PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

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

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

DATE: 02/16/12

SCALE: N.T.S.

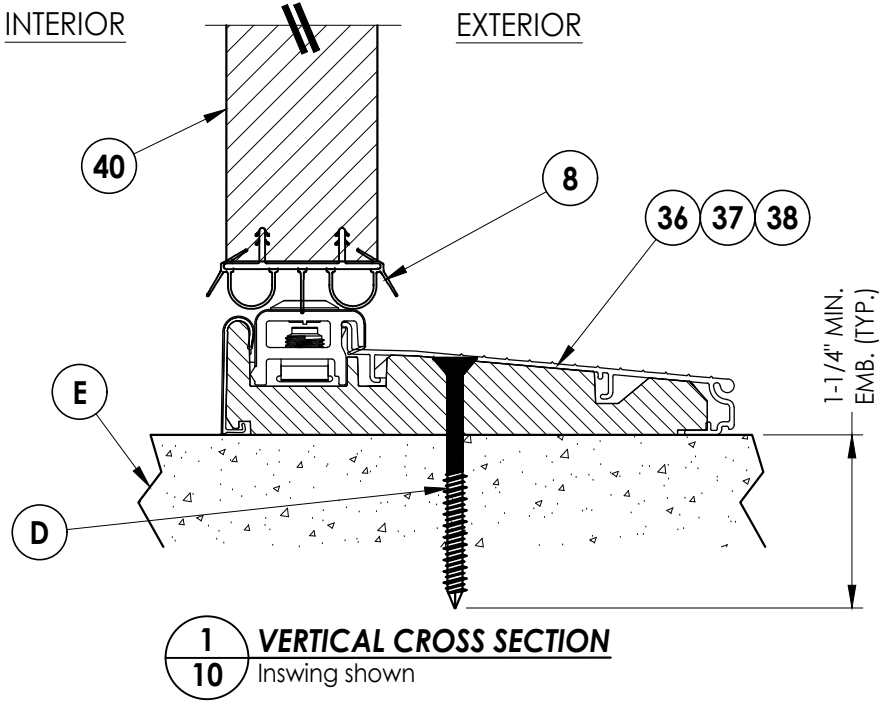
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.6

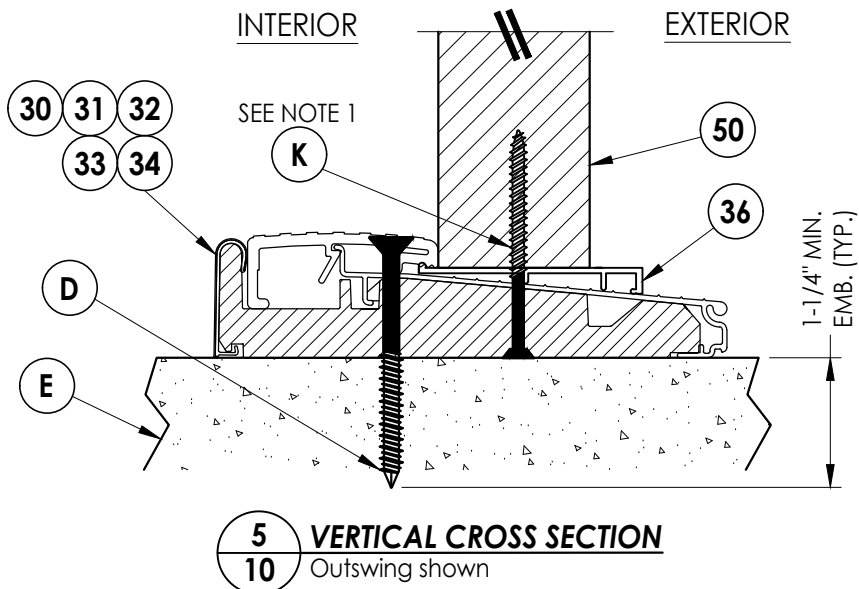
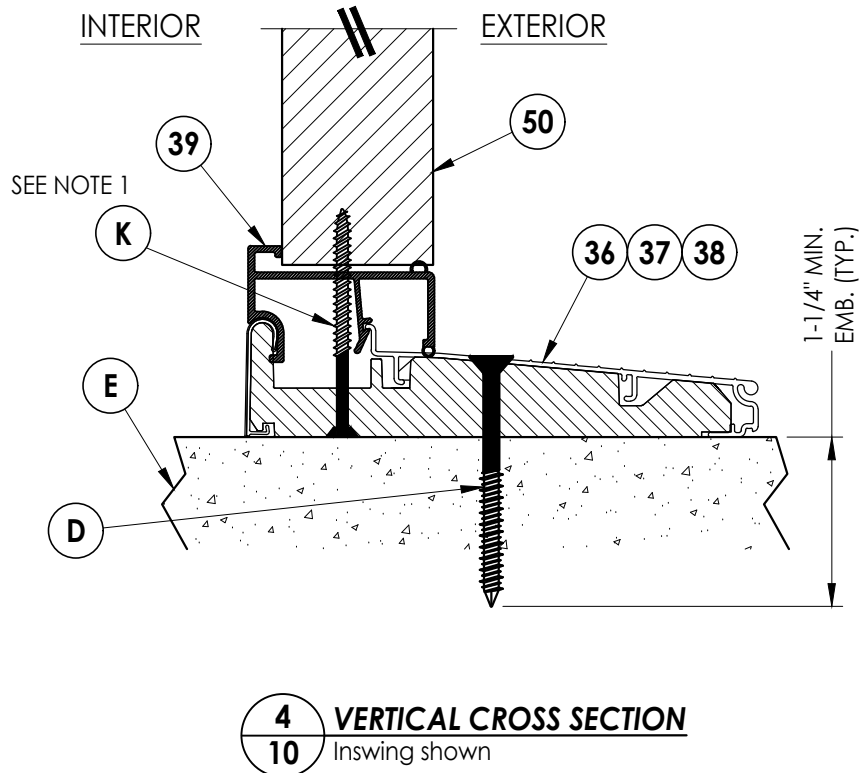
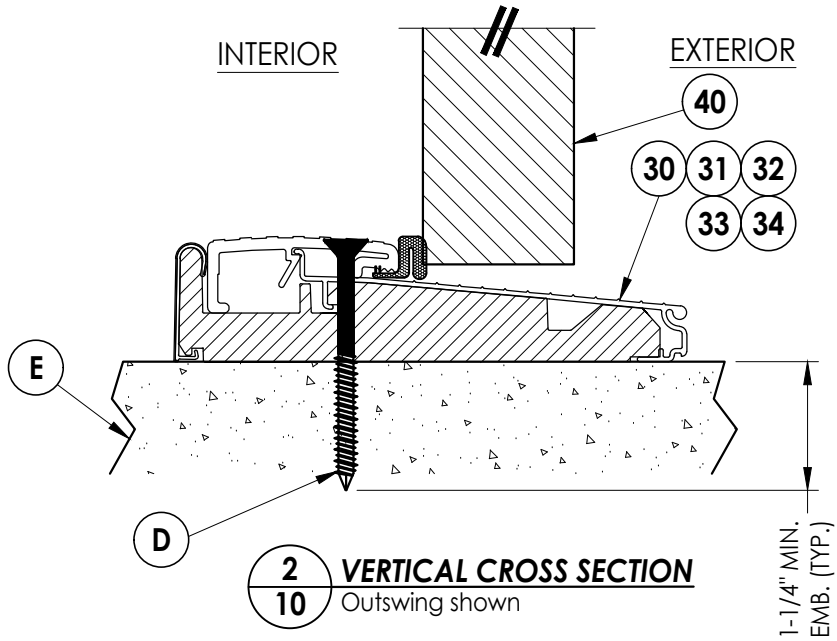
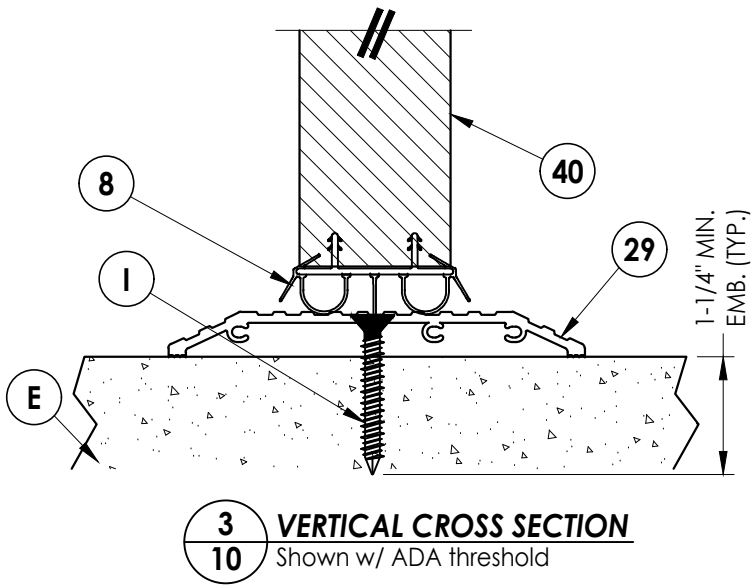
SHEET 9 OF 19

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.3.6.dwg



NOTE

1. Spacing for item K:
6" from each end
and at centerline.



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: PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC
2	7/24/17	& REVISE ENDURA ULT. ASTRAGAL
1	3/9/15	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 02/16/12

SCALE: N.T.S.

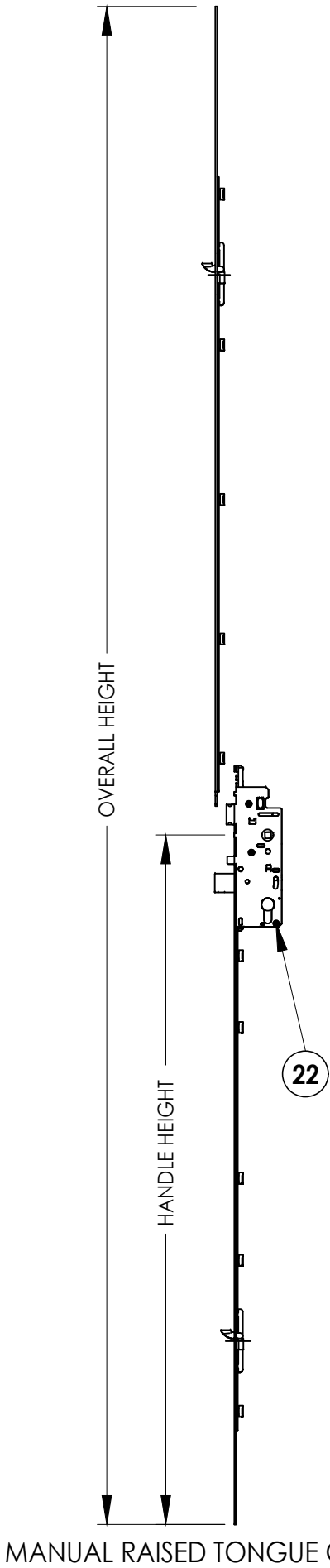
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CHK. BY: LFS

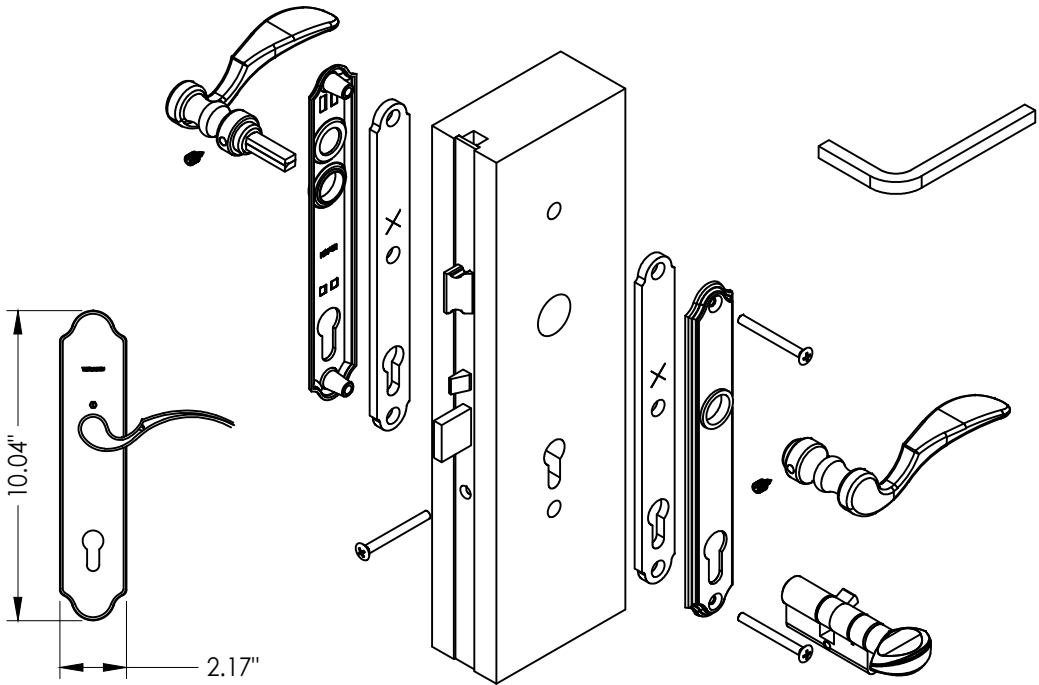
DRAWING NO.: FL-15210.6

SHEET 10 OF 19

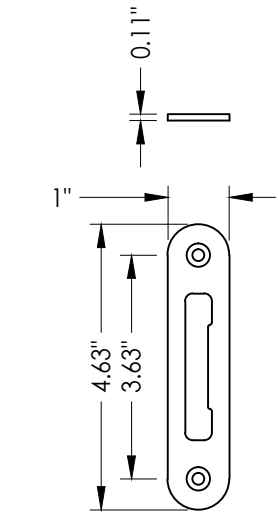
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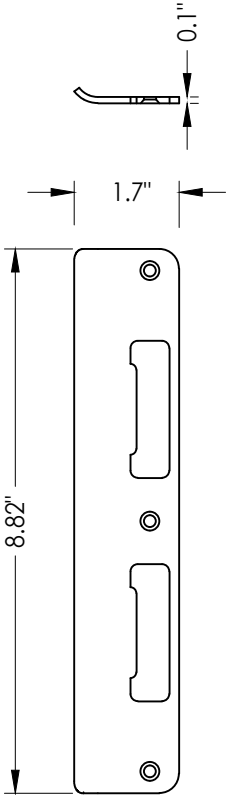
MANUAL RAISED TONGUE GEAR SYSTEM



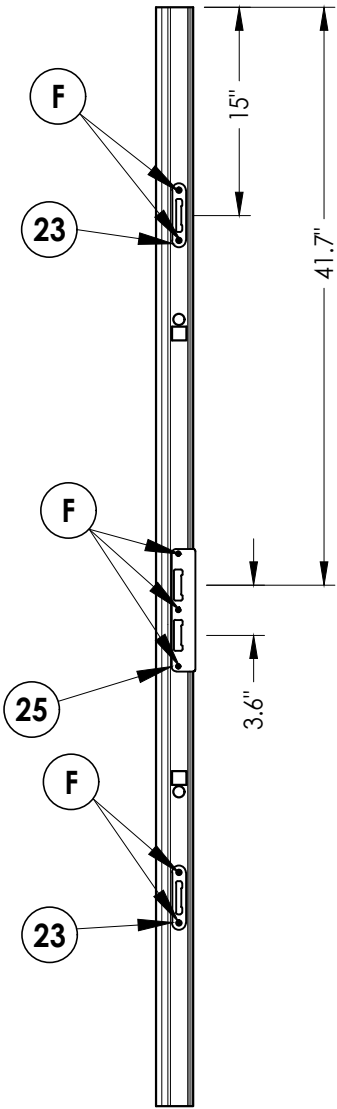
22 **HOPPE MULTIPOINT LOCKSET**
HLS9000 3-Point "Tongue"



23 **MULTIPOINT STRIKE PLATE**



25 **LATCH AND DEADBOLT STRIKE PLATE**
Tongue system



STRIKE JAMB

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.6

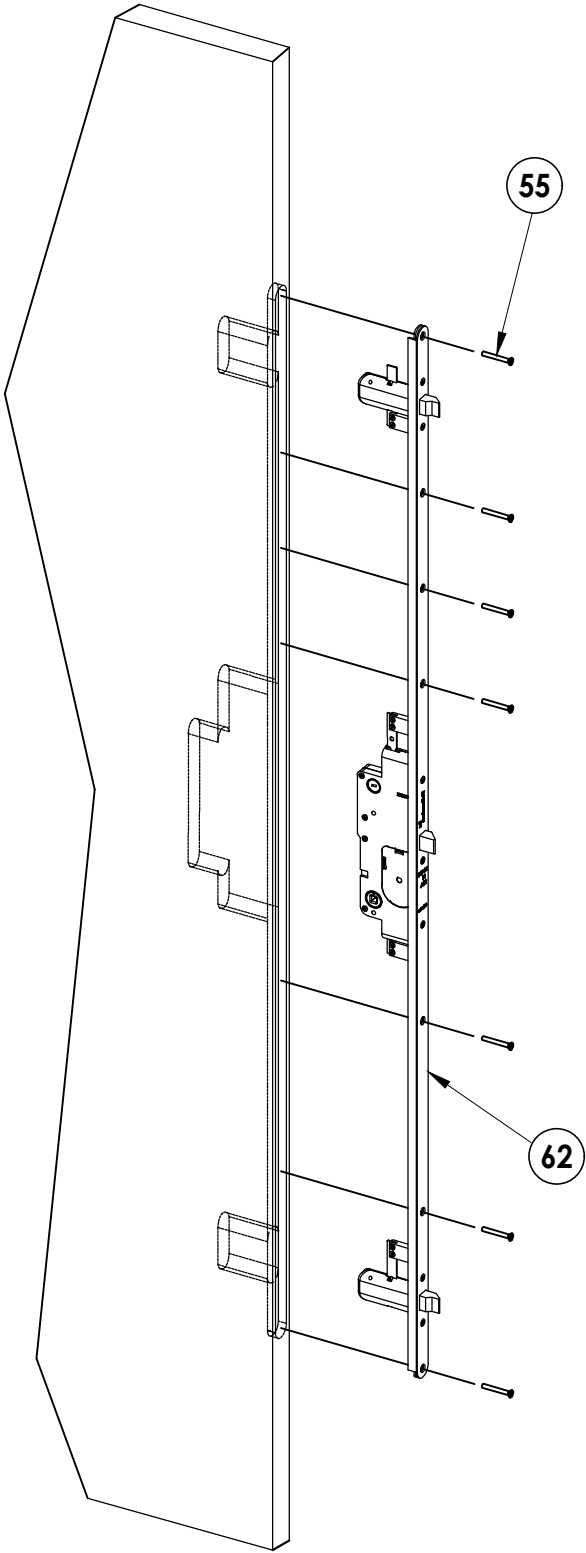
SHEET 11 OF 19

PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

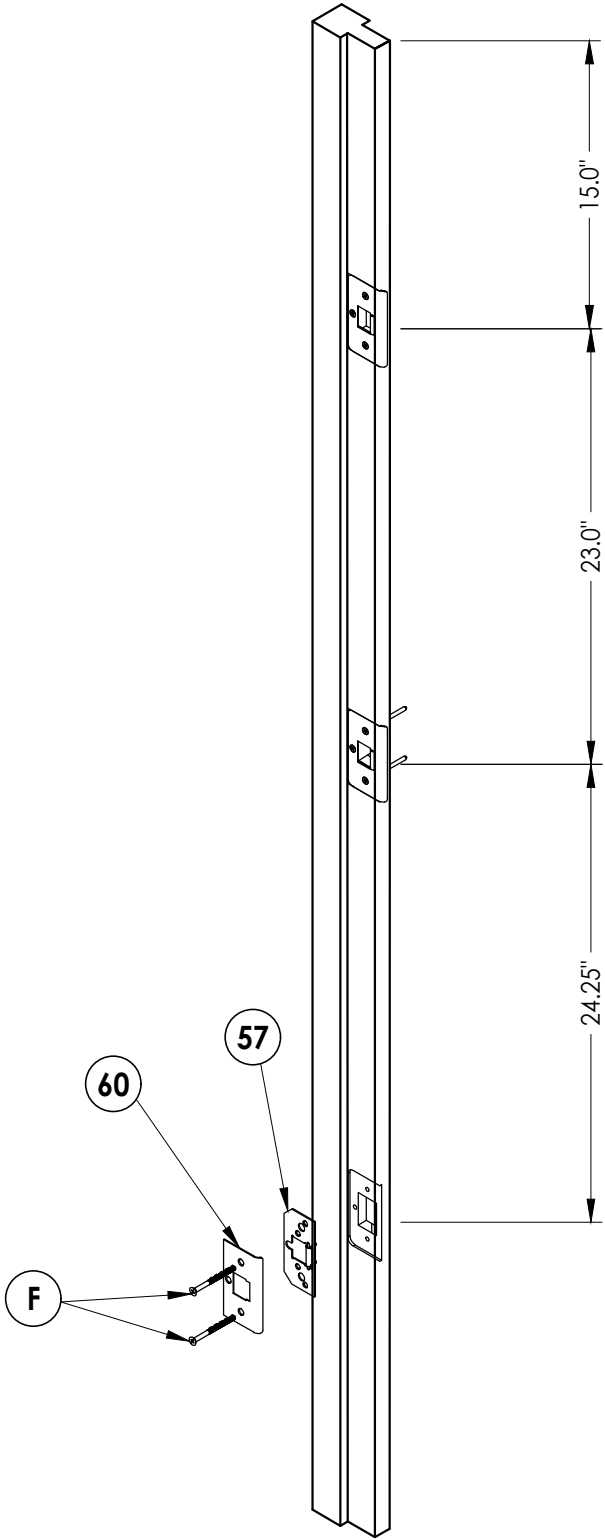
PART OR ASSEMBLY:
3-POINT LOCK DETAILS

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



ENDURA TRILENNIUM 3000
3 pt. Lock



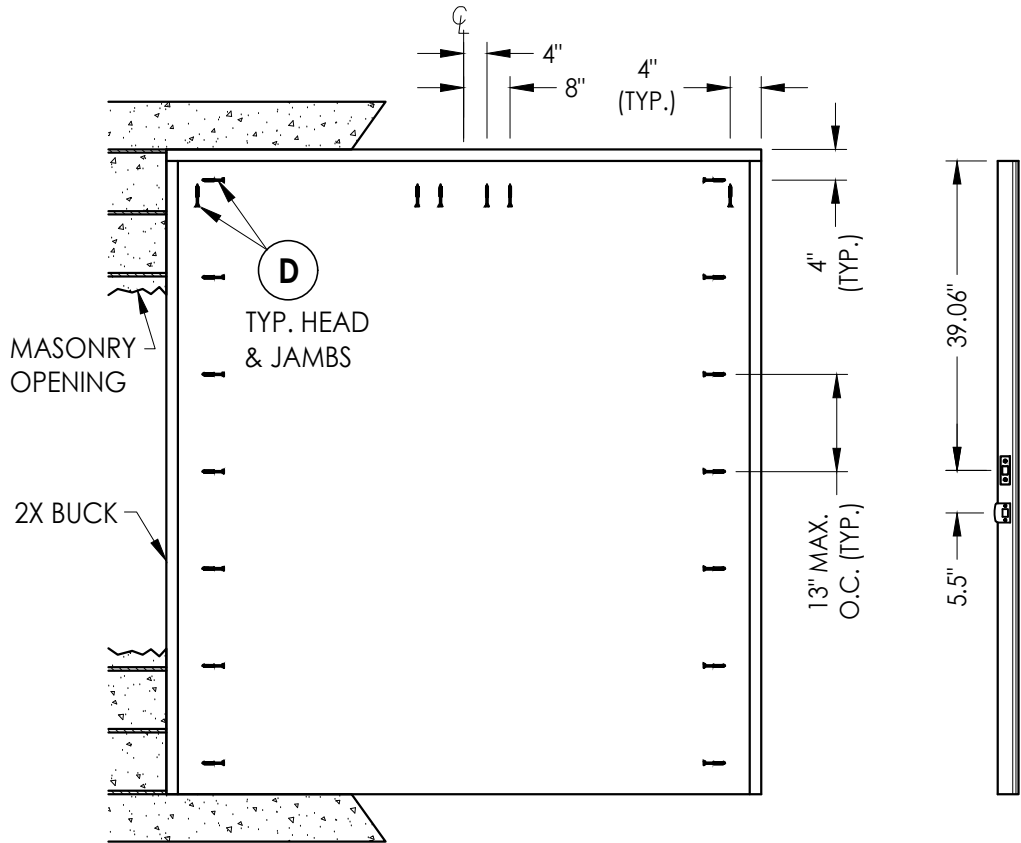
ASTRAGAL STRIKE DETAIL

DATE: 02/16/12		5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
SCALE: N.T.S.		4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
DWG. BY: JK		3	7/29/20	UPDATE TO 7TH ED (2020)	FBC	LFS
CHK. BY: LFS		& REVISE ENDURA ULT. ASTRAGAL				
DRAWING NO.: FL-15210.6		2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
SHEET 12 OF 19		1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK
		NO.	DATE	BY		
		REVISIONS				

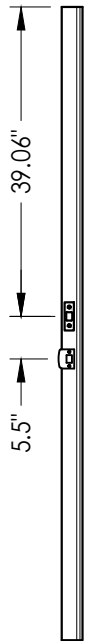
PRODUCT:		PRASTPRO INC. FIBERGLASS DOOE	
PART OR ASSEMBLY:		3-POINT LOCK DETAILS	

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

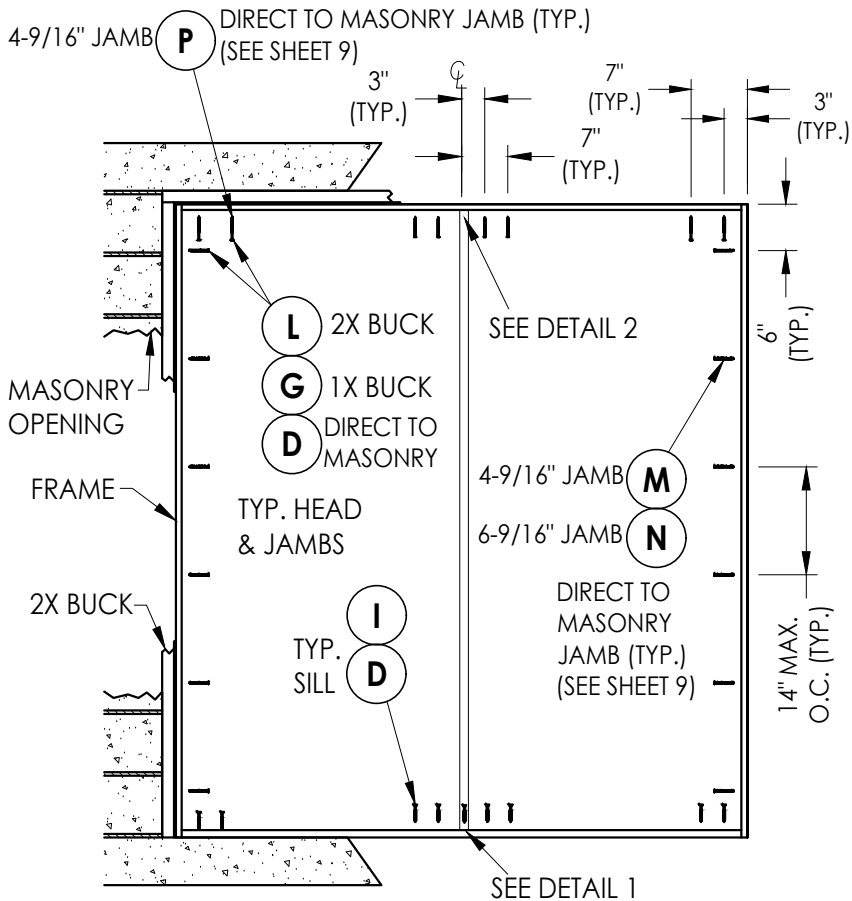
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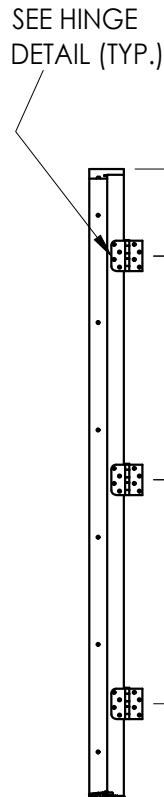
BUCK ANCHORING
XX



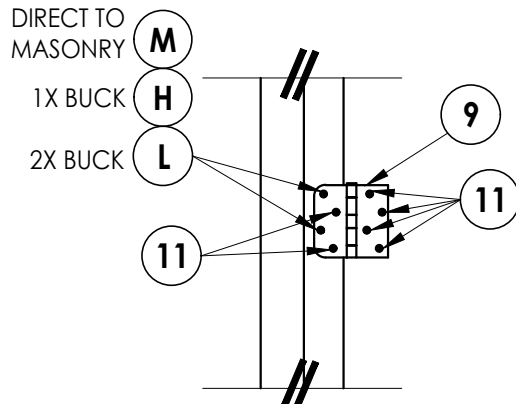
ASTRAGAL STRIKE JAMB



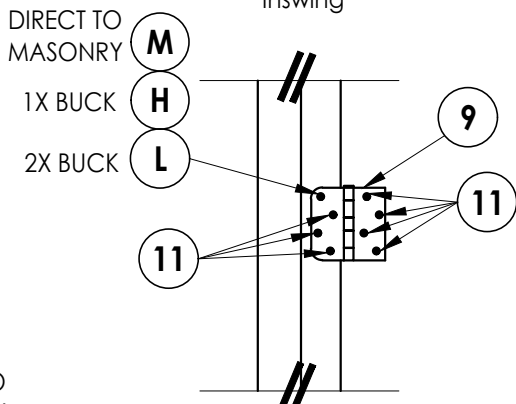
FRAME ANCHORING
XX



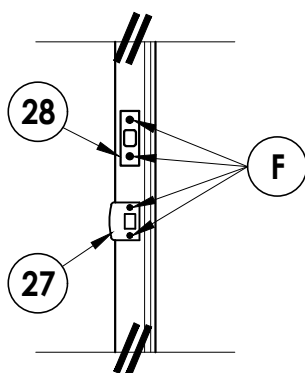
HINGE JAMB



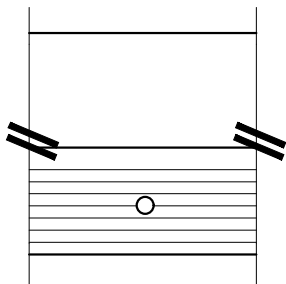
HINGE DETAIL
Inswing



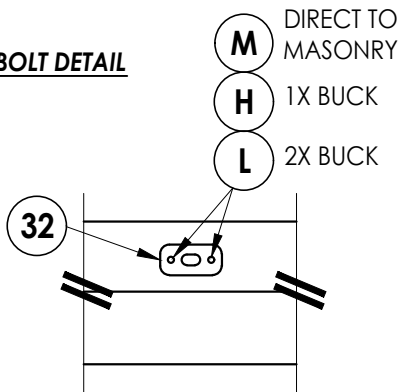
HINGE DETAIL
Outswing



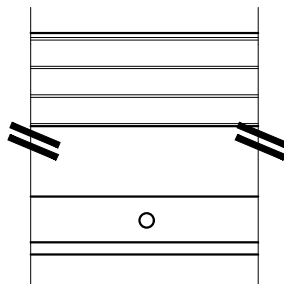
LATCH & DEAD BOLT DETAIL



DETAIL 1
Astragal throw bolts
at the threshold
(Outswing)



DETAIL 2
Attach astragal throw bolt
strike plate to frame
as shown



DETAIL 1
Astragal throw bolts
at the threshold
(Inswing)

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 ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	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:
PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(XX)

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC
		& REVISE ENDURA ULT. ASTRAGAL
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

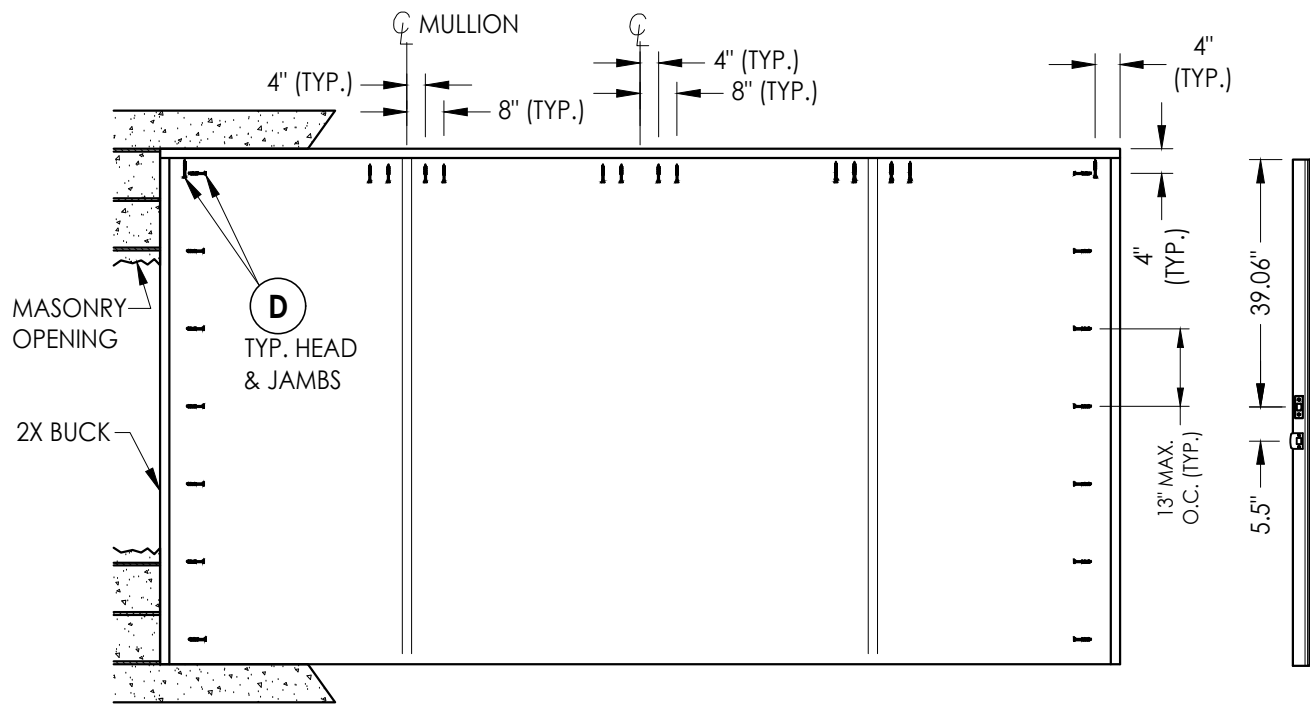
CHK. BY: LFS

DRAWING NO.:
FL-15210.6

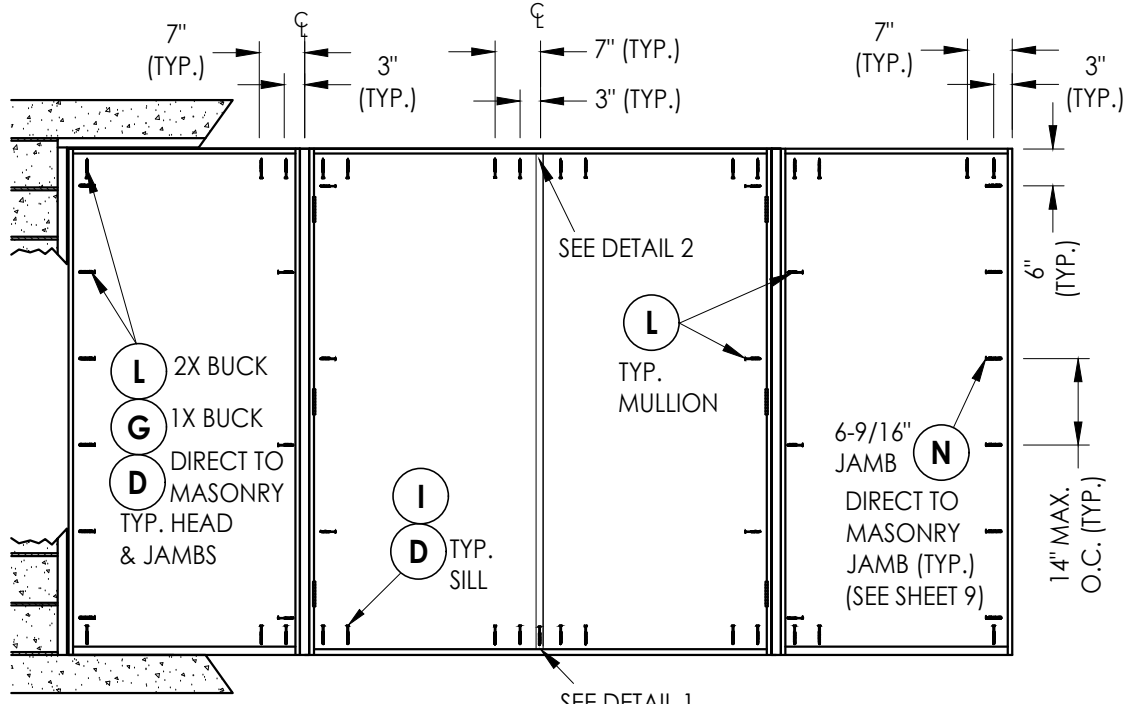
SHEET 13 OF 19

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

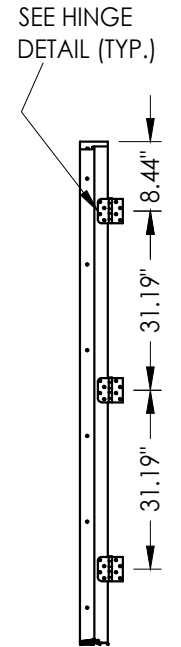
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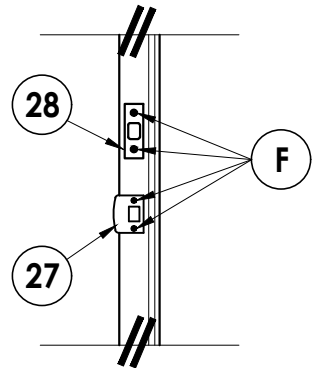
BUCK ANCHORING
OXXO



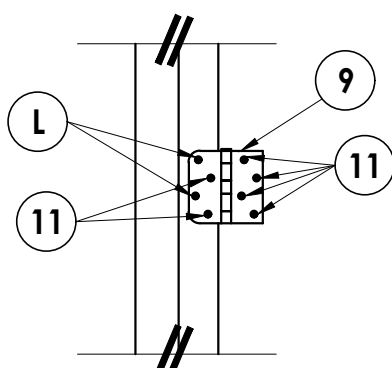
FRAME ANCHORING
OXXO



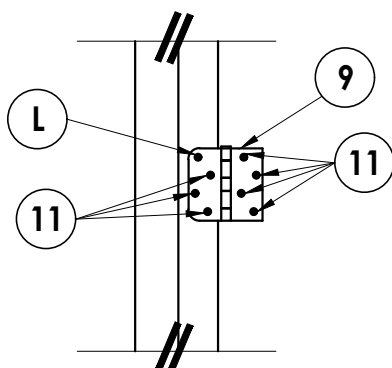
HINGE JAMB



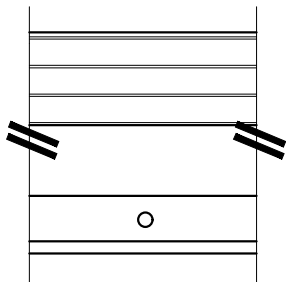
LATCH & DEAD BOLT DETAIL



HINGE DETAIL
Inswing

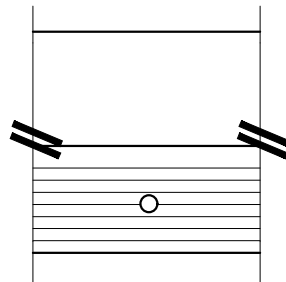


HINGE DETAIL
Outswing



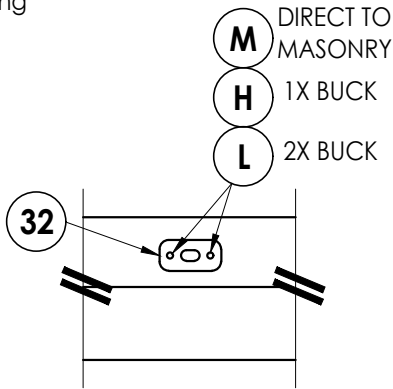
DETAIL 1

Astragal throw bolts
at the threshold
(Inswing)



DETAIL 1

Astragal throw bolts
at the threshold
(Outswing)



DETAIL 2

Attach astragal throw bolt
strike plate to frame
as shown

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

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DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
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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:
PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(OXXO)

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
		& REVISE ENDURA ULT. ASTRAGAL		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

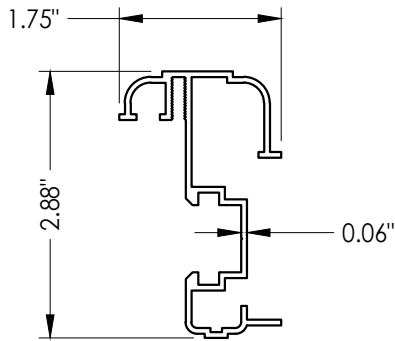
CHK. BY: LFS

DRAWING NO.:
FL-15210.6

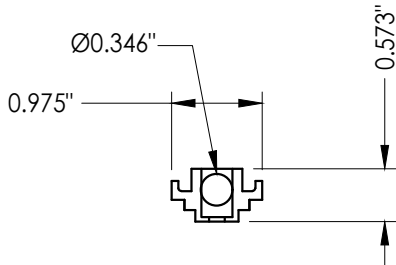
SHEET 14 OF 19

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

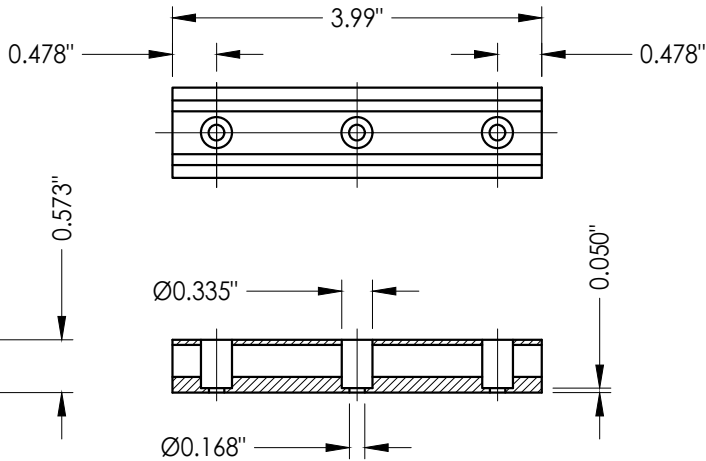
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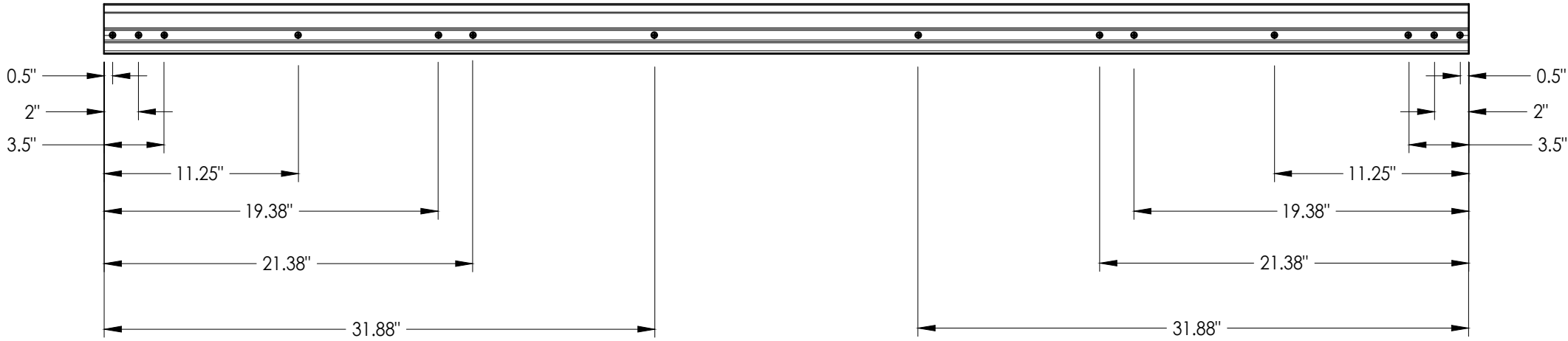
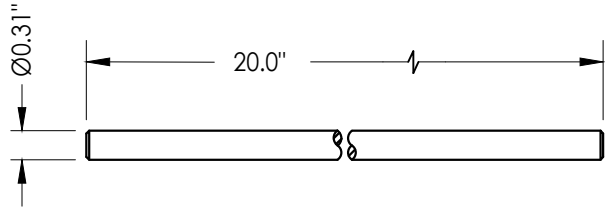
65 **ASTRAGAL**
DLP



66 **CONCEALED STIFFENER**



67 **SLIDE BOLT ROD**
Typ. top & bottom
of astragal
top through 1.98"
bottom through 1.98"



ASTRAGAL SCREW LOCATIONS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC
2	7/24/17	& REVISE ENDURA ULT. ASTRAGAL
1	3/9/15	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
1	3/9/15	BY

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15210.6

SHEET 15 OF 19

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

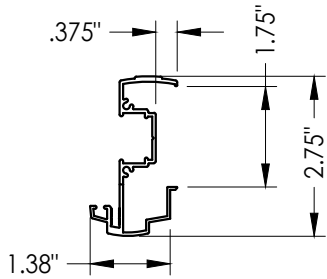
PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
ASTRAGAL DETAILS

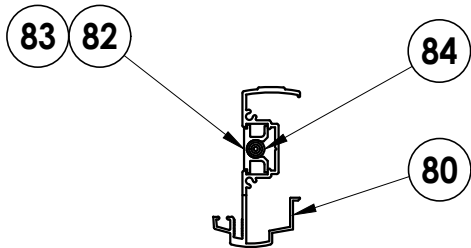
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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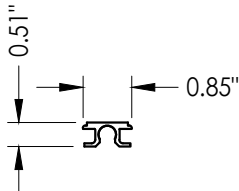
80 ALUMINUM ASTRAGAL
By Columbia



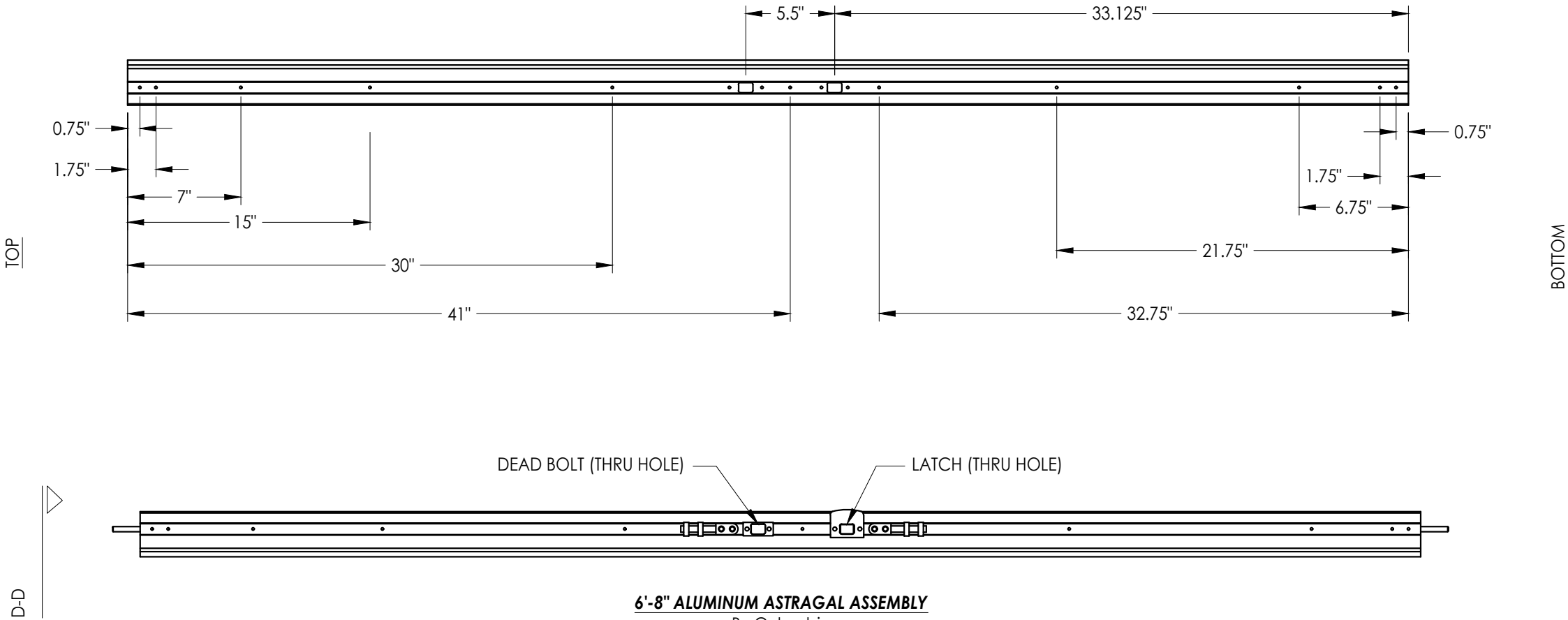
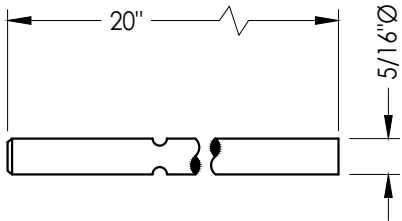
VIEW D-D
Aluminum Astragal Assembly



82 83 FLUSHBOLT RETAINER
Top / bottom
Aluminum 6063-T5



84 FLUSHBOLT ROD
Steel



6'-8" ALUMINUM ASTRAGAL ASSEMBLY
By Columbia

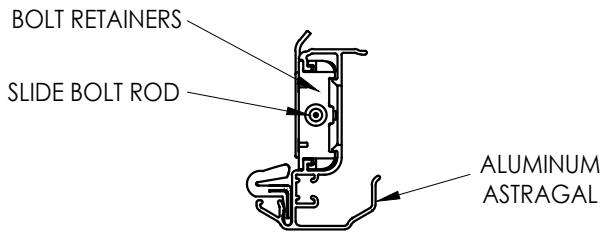
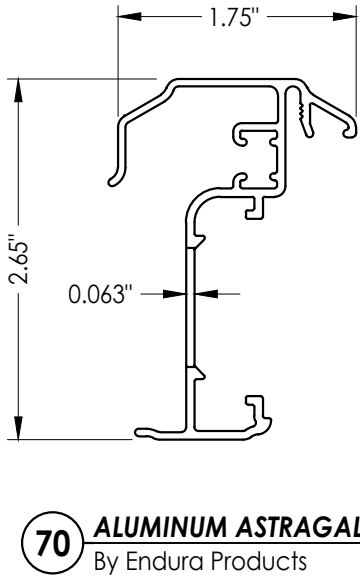
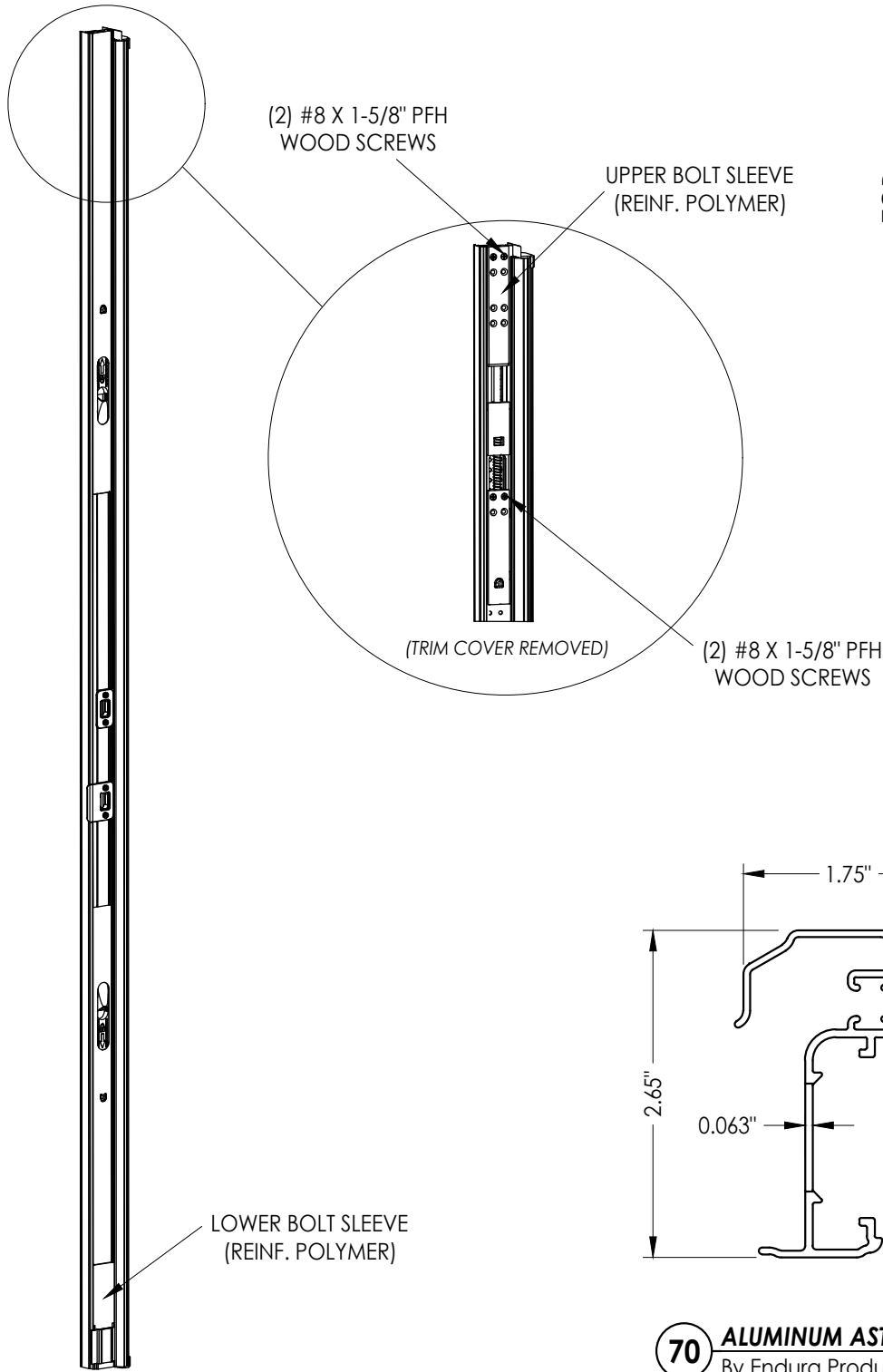
NO.		DATE	REVISIONS			
5	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS	
4	8/17/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
3	7/29/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS	
2	7/24/17	& REVISE ENDURA ULT. ASTRAGAL		ASTRAGAL		
1	3/9/15	UPDATE TO 6TH ED.	(2017)	FBC	JK	
		UPDATE TO 5TH ED.	(2014)	FBC	JK	
					BY	

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.6
SHEET 16 OF 19

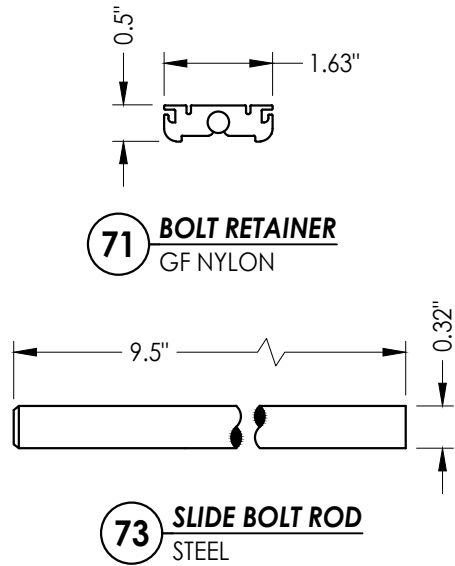
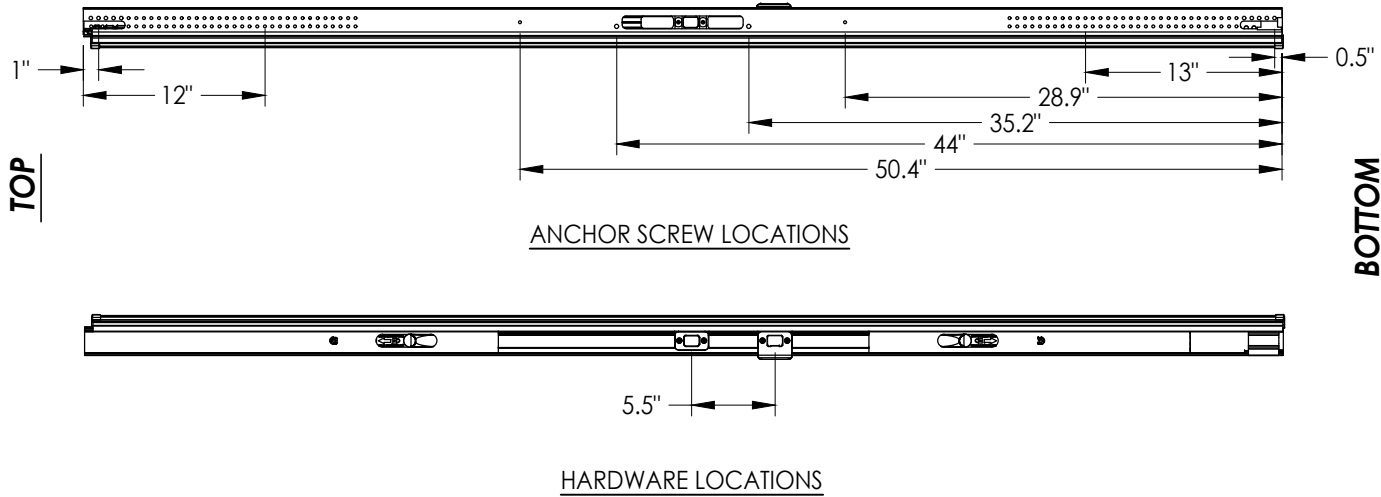
PRODUCT: PRASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY: ASTRAGAL DETAILS

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

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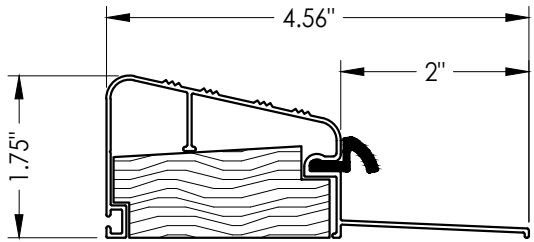
ALUMINUM ASTRAGAL ASSEMBLY



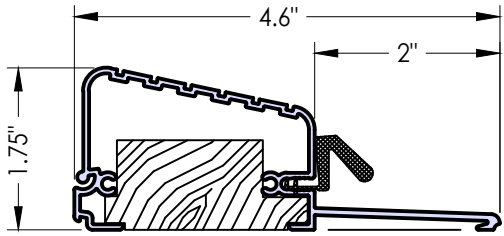
ULTIMATE HURRICANE ASTRAGAL

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: PRASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: ASTRAGAL DETAILS (ULTIMATE HURRICANE)	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/29/20	UPDATE TO 7TH ED. (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		BY
REVISIONS			
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15210.6			
SHEET 17 OF 19			

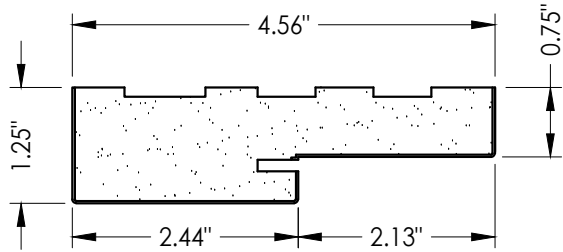
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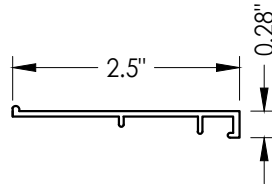
30 **OUTSWING THRESHOLD**
DLP (QOSR)



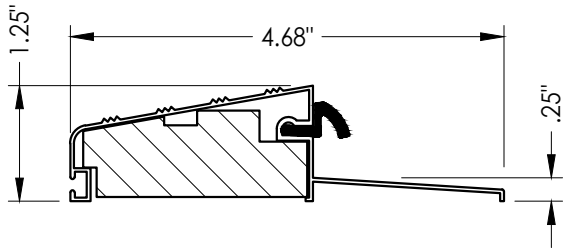
34 **OUTSWING THRESHOLD**
Columbia High Dam (581)



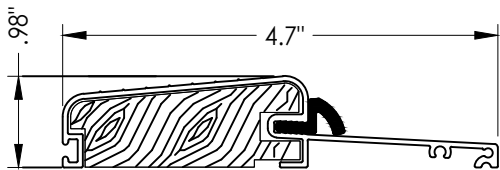
1 **POLY FIBER JAMB**
Plastpro



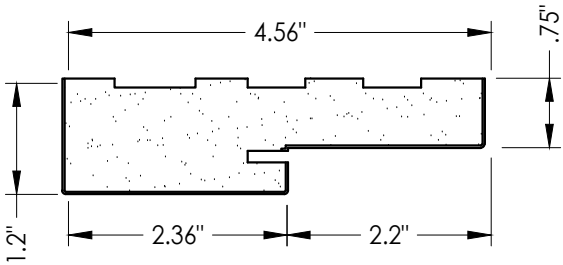
35 **OUTSWING SIDELITE ADAPTER**



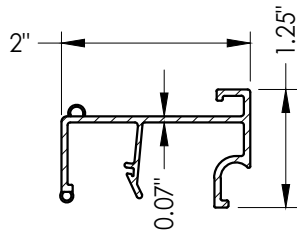
32 **OUTSWING THRESHOLD**
DLP (QOSH)



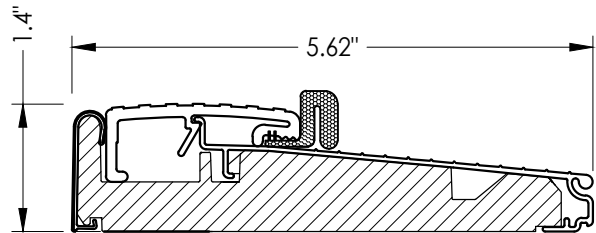
31 **OUTSWING THRESHOLD**
Columbia (575)



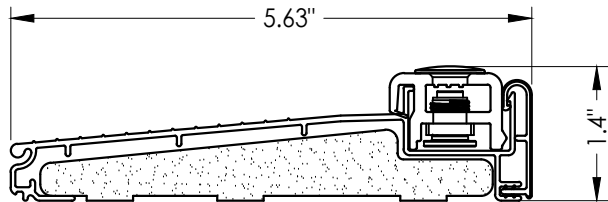
2 **WOOD JAMB**



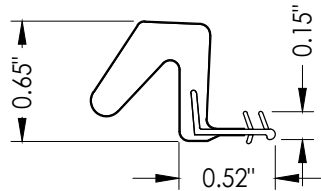
39 **INSWING SIDELITE ADAPTER**



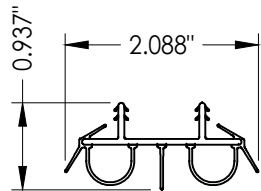
33 **OUTSWING THRESHOLD**
Endura (Z-Series)



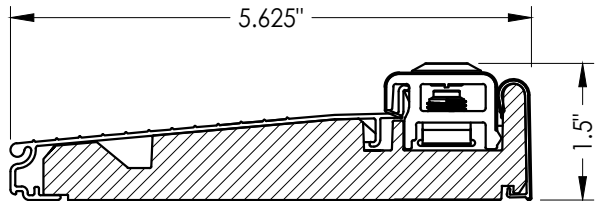
38 **INSWING THRESHOLD**
Columbia



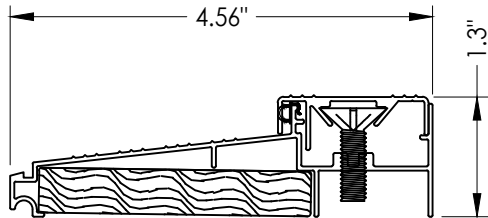
7 **WEATHERSTRIP**
Endura Force 5



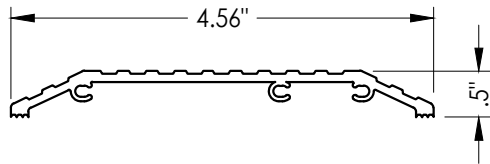
8 **DOOR BOTTOM SWEEP**



36 **INSWING THRESHOLD**
Endura (Z-Series)



37 **INSWING THRESHOLD**
DLP (ISCS)



29 **ADA THRESHOLD**
DLP

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

PRODUCT:
PRASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC
3	7/29/20	UPDATE TO 7TH ED. (2020) FBC
		& REVISE ENDURA ULT. ASTRAGAL
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.6

SHEET 18 OF 19

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.3.6.dwg

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	#8 X 1-1/2" PFH WOOD SCREW	STEEL
G	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PPH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
22	3 POINT "TONGUE" MULTIPOINT LOCKSET (Mfg. BY HOPPE)	STEEL
23	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	STEEL
25	LATCH AND DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	ADA THRESHOLD	ALUM
30	OUTSWING THRESHOLD	ALUM/WOOD
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
35	OUTSWING SIDELITE ADAPTER	VINYL
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
60	MULTIPOINT STRIKE PLATE	STEEL
62	ENDURA TRILENNIUM 3000 LOCK ASSEMBLY	STEEL
65	DLP ASTRAGAL	ALUM

66	CONCEALED STIFFENER	ALUM
67	SLIDE BOLT ROD	ALUM
70	ASTRAGAL BY ENDURA	ALUM
71	BOLT RETAINER	NYLON
73	SLIDE BOLT ROD	STEEL
80	ASTRAGAL BY COLUMBIA	ALUM
81	FLUSHBOLT RETAINER	ALUM
82	FLUSHBOLT RETAINER	ALUM
83	FLUSHBOLT ROD	STEEL
88	2X REINFORCEMENT SG >= 0.55	WOOD

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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		& REVISE ENDURA ULT. ASTRAGAL		
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NO.	DATE			BY
REVISIONS				

DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.6
SHEET	19 OF 19

PRODUCT:	PRASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	BILL OF MATERIALS

Documents Prepared By:
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