DLP-PRESSRITE, INC.

L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2026.07.22 15:26:51 -04'00'

This item has been digitally signed and sealed by **L. F. Schmidt, P.E.** on the date adjacent to the seal.

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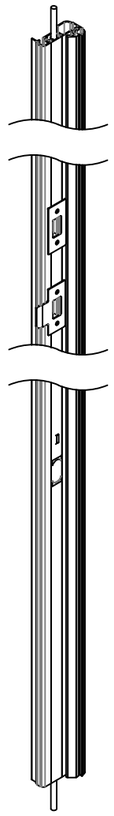
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

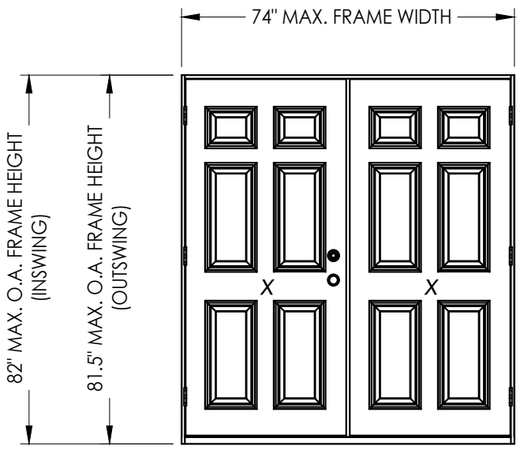
ALUMINUM ASTRAGAL

Utilizing a Fiberglass Door Panel

INSWING / OUTSWING
"IMPACT"



ALUMINUM ASTRAGAL



DOUBLE DOOR ELEVATION

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 excludes Wind Zone 4 as defined in ASTM E 1996.
4. This product has been tested in the door panels as specified in this approval. Substitution into a similar (opaque or glazed) product may be approved for use by the local Authority Having Jurisdiction. In all cases, the fiberglass door used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the fiberglass side hinged swing door approval being used.
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 Elevation, Design Pressures & General Notes
2	Elevation & Door Panel Details
3	Horizontal & Vertical Cross Sections
4	Aluminum Astragal Details
5	Buck & Frame Anchoring
6	Bill of Materials & Components

DOOR PANEL	*MAX. FRAME DIMENSION*	*DESIGN PRESSURE (PSF) INSWING*		*DESIGN PRESSURE (PSF) OUTSWING*	
		POS.	*NEG.*	*POS.*	*NEG.*
PLASTPRO FIBERGLASS	**74.0" x 82.0"**	**+50.0**	**-50.0**	**+50.0**	**-50.0**

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT: *DLP ALUMINUM ASTRAGAL*

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

NO.	DATE	REVISIONS	BY
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	3/04/25	ADD FLAT PROFILE ASTRAGAL	LFS
1	8/09/23	UPDATE TO 8TH ED. (2023) FBC	LFS

DATE: 6/07/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14805.4
SHEET 1 OF 6

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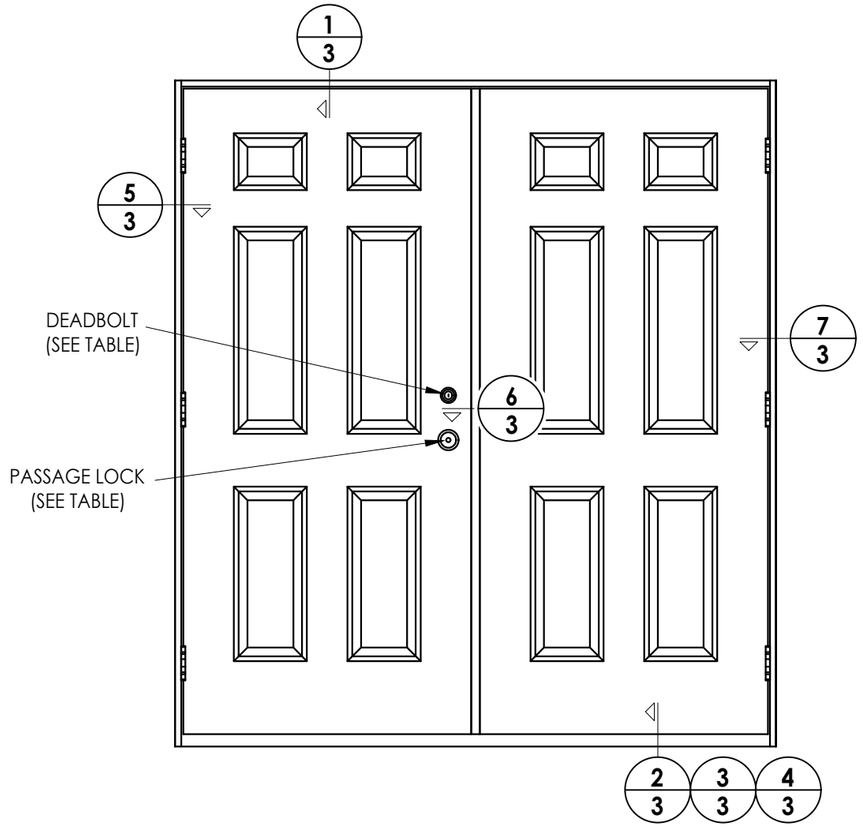
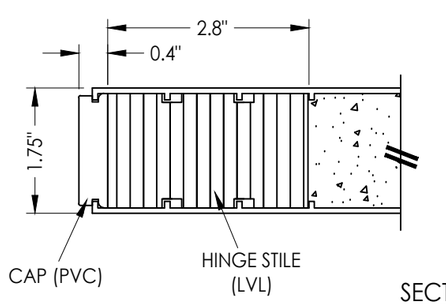
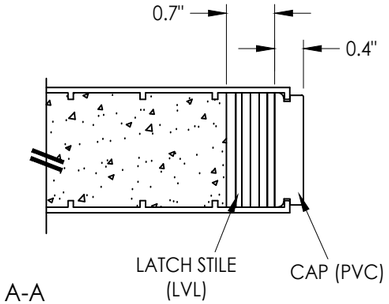
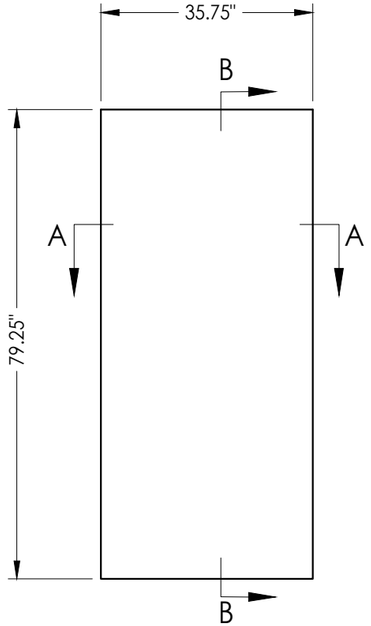




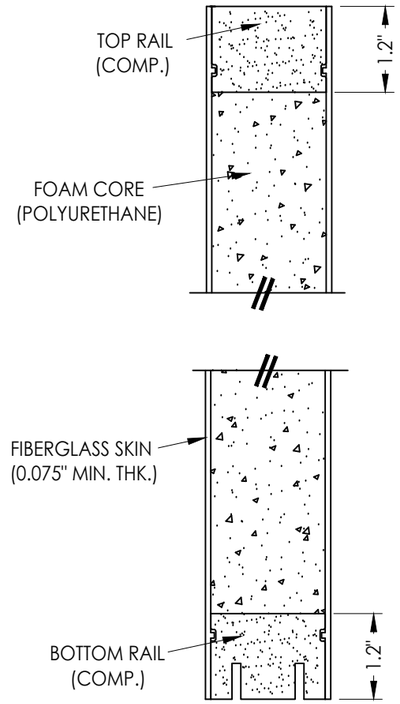


SECTION A-A

HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: "F" SERIES (F10) DEADBOLT: "B" SERIES (B60/62)
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)



FIBERGLASS DOOR PANEL
Plastpro 6' 8"



SECTION B-B

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DLP ALUMINUM ASTRAGAL

PART OR ASSEMBLY: ELEVATION & DOOR PANEL DETAILS

NO.	DATE	REVISIONS	BY
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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SHEET 2 OF 6

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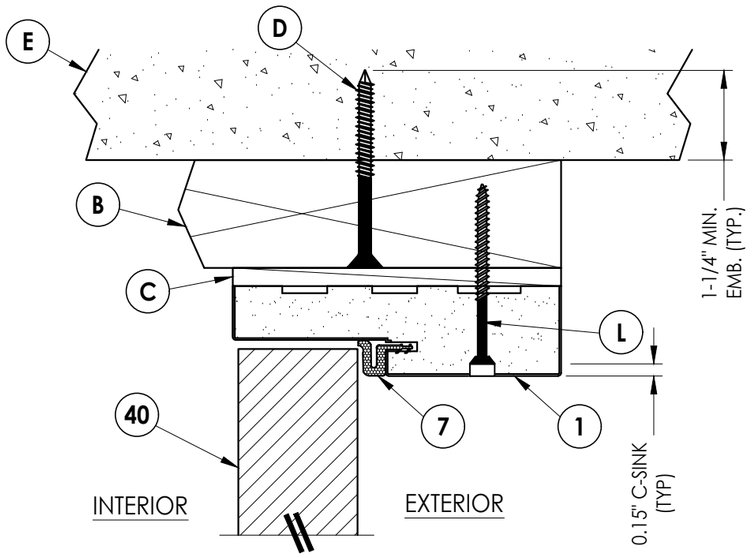
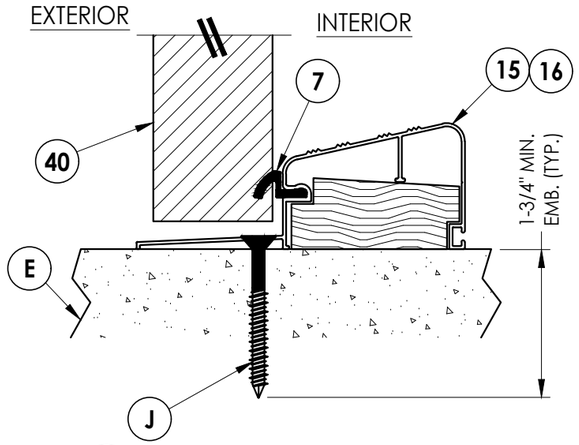
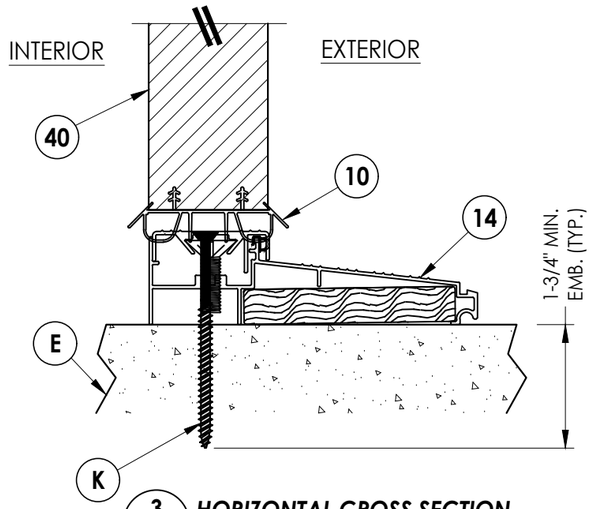


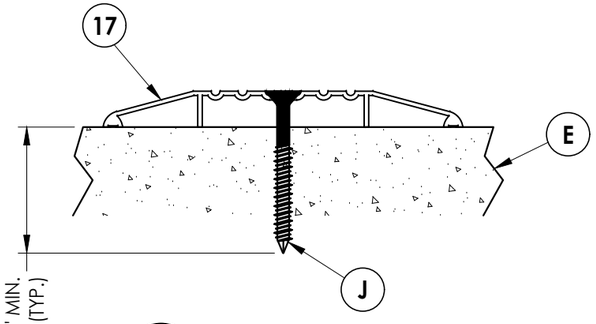
1/3 ***VERTICAL CROSS SECTION***
Inswing shown
Outswing also approved



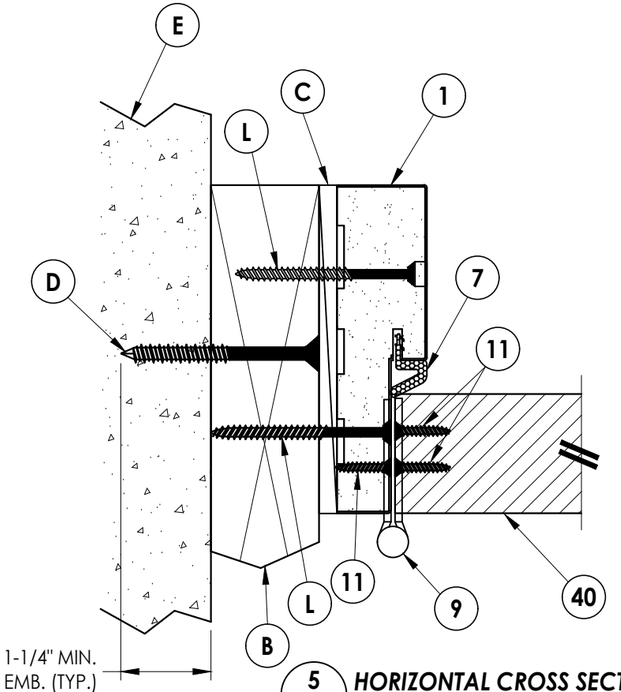
2/3 ***HORIZONTAL CROSS SECTION***
Outswing threshold



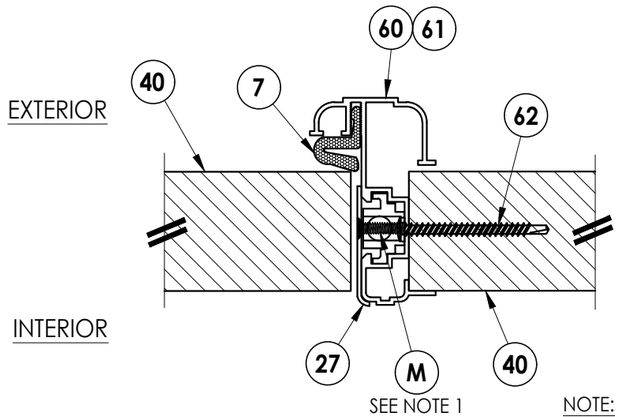
3/3 ***HORIZONTAL CROSS SECTION***
Inswing threshold



4/3 ***VERTICAL CROSS SECTION***
ADA Threshold

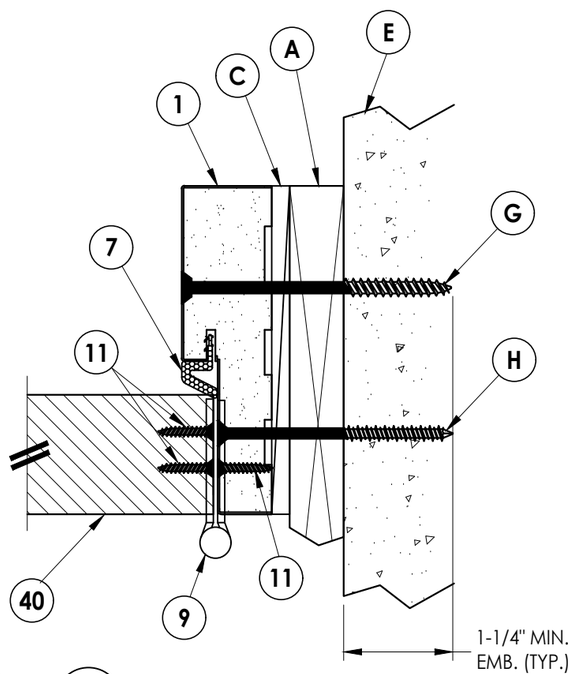


5/3 ***HORIZONTAL CROSS SECTION***
Inswing shown
Outswing also approved



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

NOTE:
1. Latch & deadbolt strike plate machine screws installed through strike plate into astragal plastic receiver.



7/3 ***HORIZONTAL CROSS SECTION***
Shown w/1X sub-buck

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PRODUCT: *DLP ALUMINUM ASTRAGAL*

PART OR ASSEMBLY: *HORIZONTAL & VERTICAL CROSS SECTIONS*

NO.	DATE	REVISIONS	BY
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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DATE: 6/07/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14805.4
SHEET 3 OF 6

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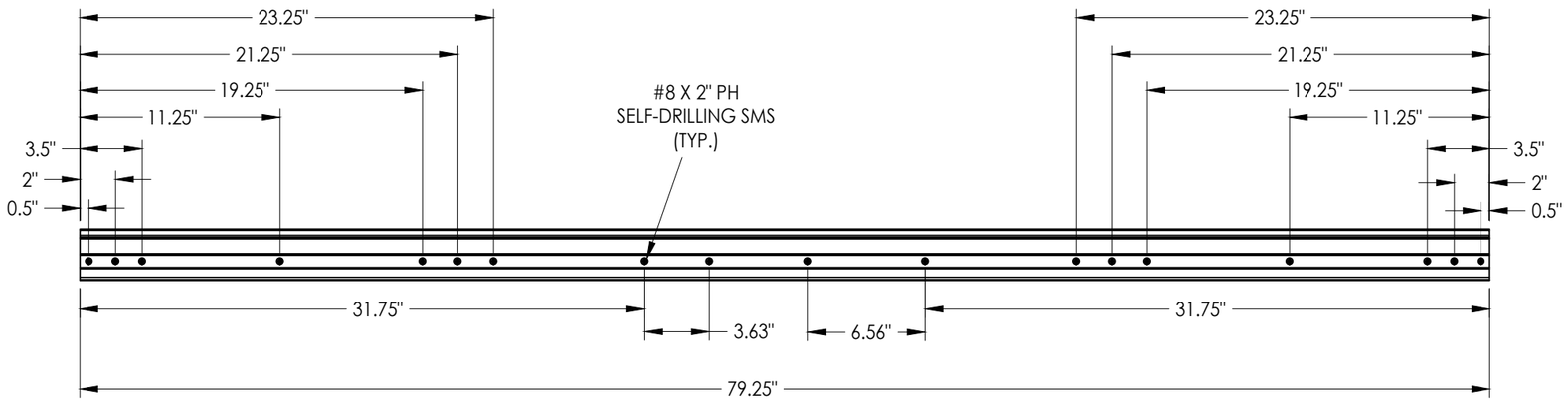
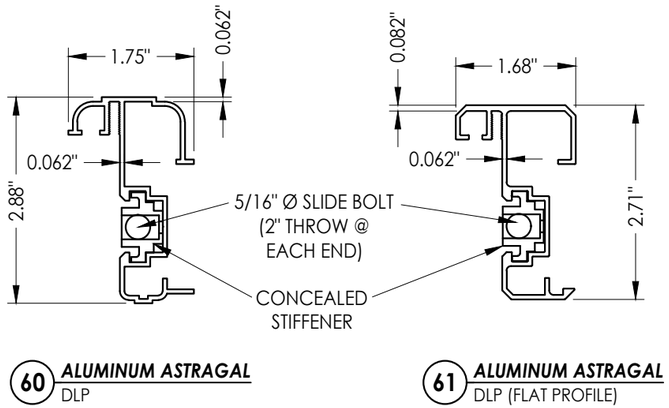
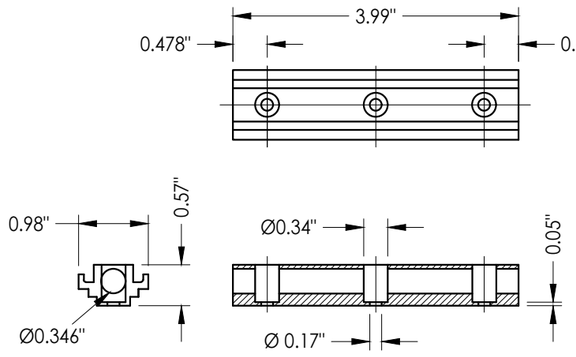


ASTRAGAL SCREW LOCATIONS

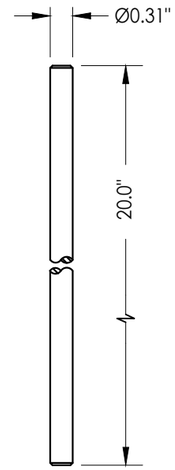


60 ***ALUMINUM ASTRAGAL***
DLP

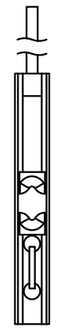
61 ***ALUMINUM ASTRAGAL***
DLP (FLAT PROFILE)



CONCEALED STIFFENER
ALUMINUM



ALUMINUM SLIDE BOLT ROD
(TYP. @ TOP & BOTTOM w/ 2" THROW)



ALUMINUM SLIDE BOLT ACTUATOR
(TYP. @ TOP & BOTTOM)

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FBPE Registry No. 9813

PRODUCT: *ALUMINUM ASTRAGAL DLP*

PART OR ASSEMBLY: *ALUMINUM ASTRAGAL DETAILS*

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3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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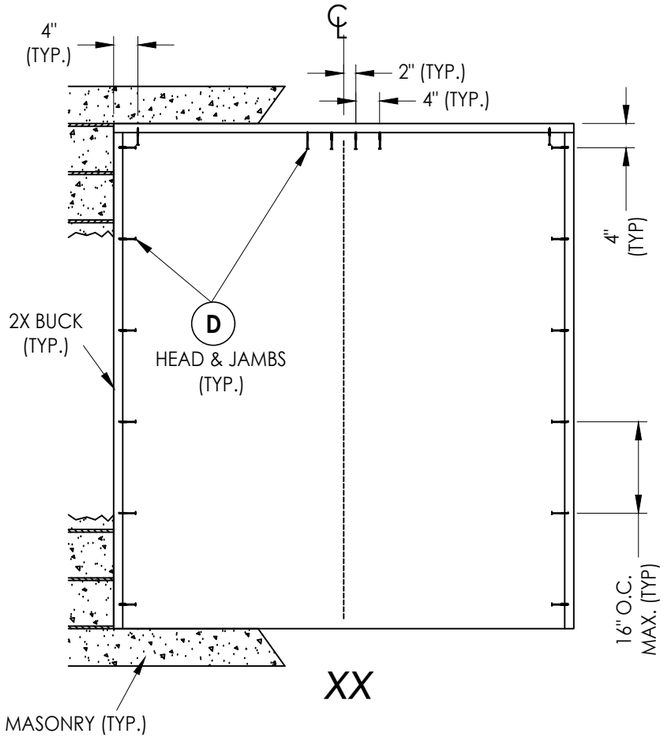

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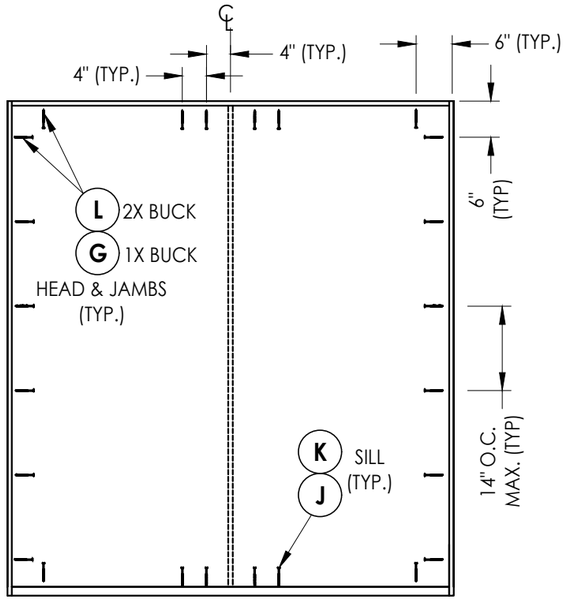
BUCK ANCHORING



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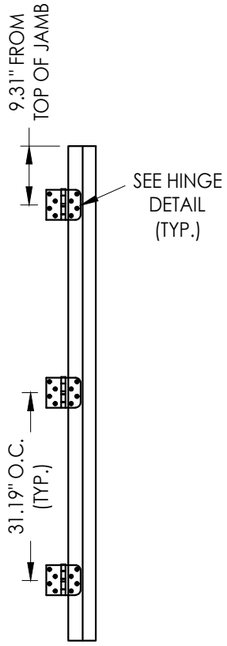
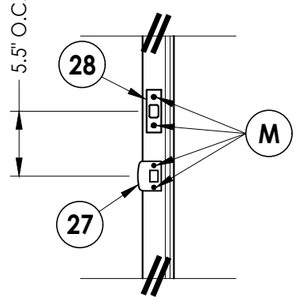
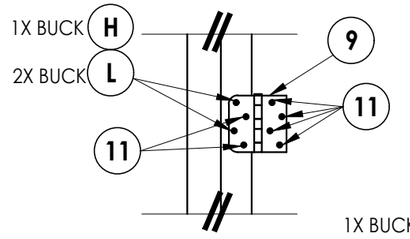


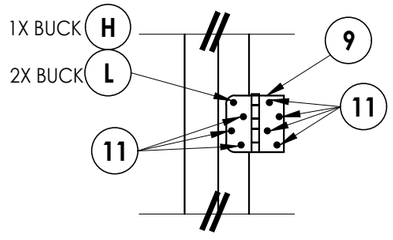
HINGE JAMB



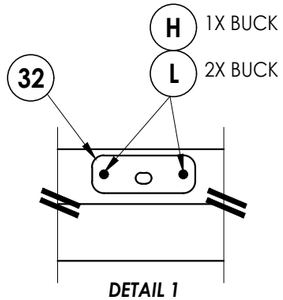
LATCH & DEADBOLT DETAIL



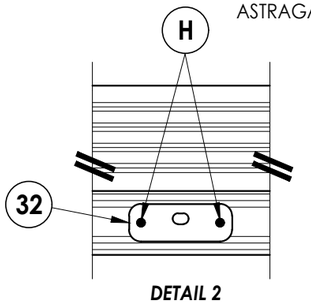
HINGE DETAIL
INSWING



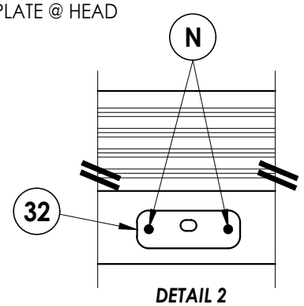
HINGE DETAIL
OUTSWING



DETAIL 1
ASTRAGAL STRIKE PLATE @ HEAD



DETAIL 2
ASTRAGAL STRIKE PLATE @ SILL
INSWING



DETAIL 2
ASTRAGAL STRIKE PLATE @ SILL
OUTSWING SHOWN/ADA SIMILAR

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 TAPCON®	1/4"	1-3/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-3/4"	1"	4"
ITW TAPCON®	3/16"	1-1/2"	3"	1-1/2"

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.*

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FBPE Registry No. 9813

PRODUCT: DLP
ALUMINUM ASTRAGAL
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS	BY
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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SHEET 5 OF 6

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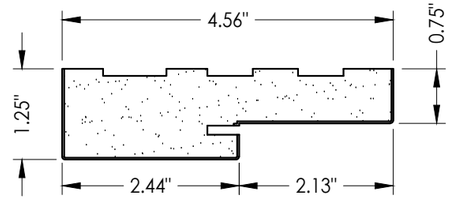
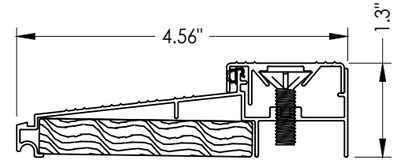
BILL OF MATERIALS

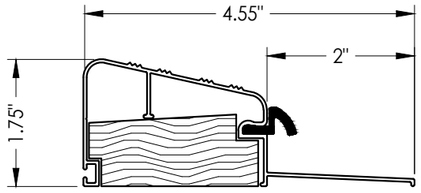
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	#8 X 5/8" FH MS	STEEL
N	3/16" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP
7	WEATHERSTRIP	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	DOOR SWEEP	VINYL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
14	INSWING THRESHOLD	ALUM/WOOD
15	OUTSWING THRESHOLD	ALUM/WOOD
16	OUTSWING THRESHOLD	ALUM/COMP
17	ADA THRESHOLD	ALUM
25	#12 X 1" PFH SELF DRILLING SMS	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
32	ASTRAGAL STRIKE PLATE (1-3/16" X 3-1/4" X 0.075" THICK)	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	DLP ASTRAGAL	ALUM
61	DLP ASTRAGAL (FLAT PROFILE)	ALUM
62	#8 X 2" PPH SELF-DRILLING SMS	STEEL



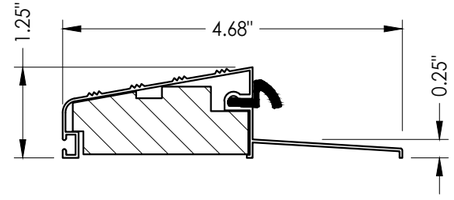
1 **POLY FIBER JAMB**
Plastpro



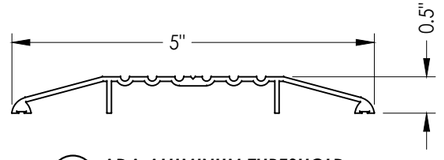
14 **INSWING THRESHOLD**
DLP (ISCS)



15 **OUTSWING THRESHOLD**
DLP (QOSR)



16 **OUTSWING THRESHOLD**
DLP (QOSH)



17 **ADA ALUMINUM THRESHOLD**
DLP (ISHC)

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: DLP ALUMINUM ASTRAGAL

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	REVISIONS	BY
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	3/04/25	ADD FLAT PROFILE ASTRAGAL	LFS
1	8/09/23	UPDATE TO 8TH ED. (2023) FBC	LFS

DATE: 6/07/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14805.4
SHEET 6 OF 6

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Z:\2023 FBC Drawings\DLP-Pressrite, Inc\FL-14805 R8 Ext Door Components\FL-14805.4.dwg