



plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany

Series N Fiberglass Door

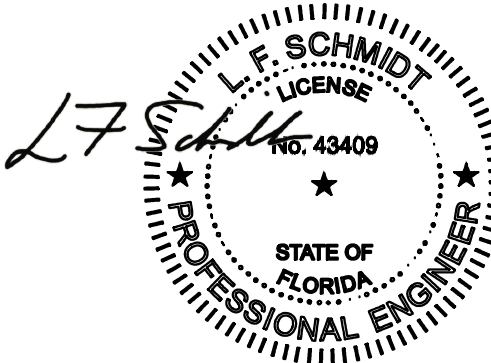
INSWING / OUTSWING

"NON-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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. 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.
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".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ". Inswing units shall 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.

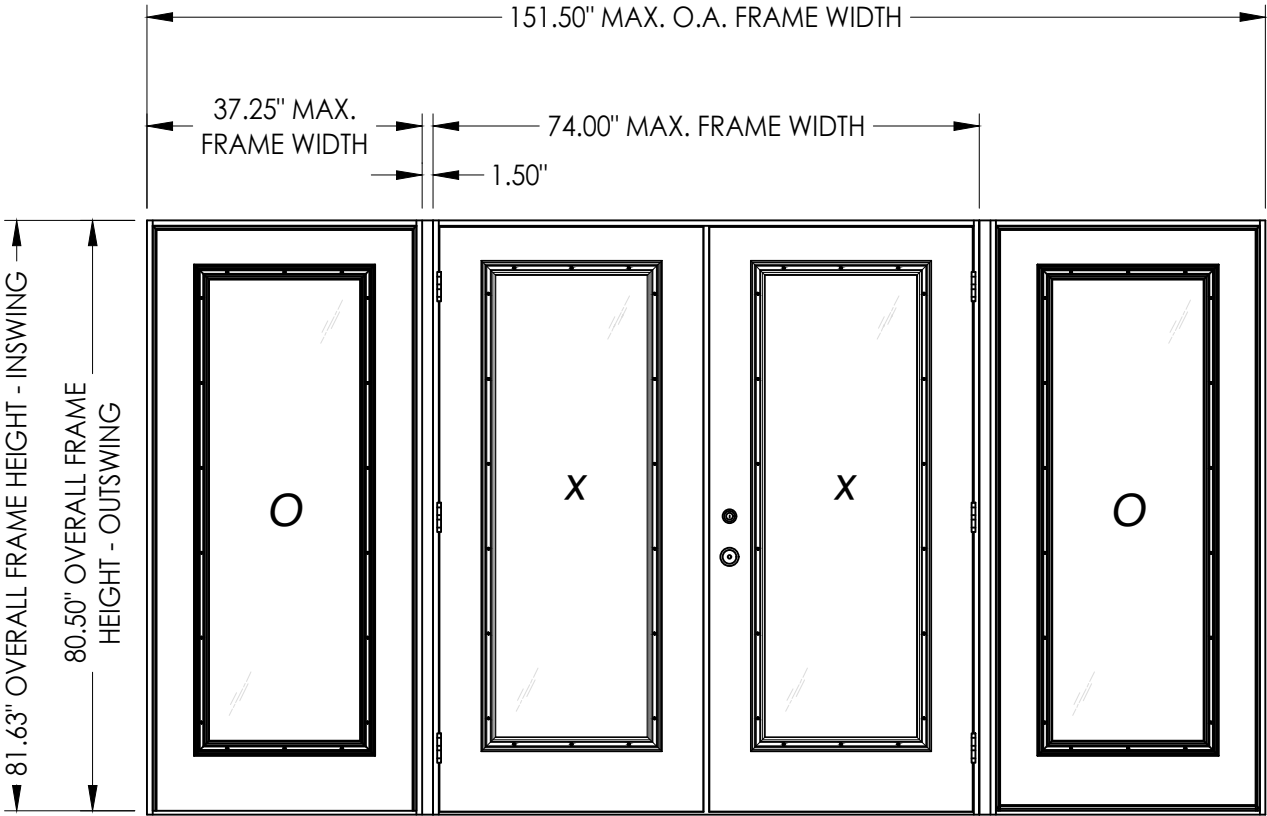
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
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4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Buck and frame anchoring
11	Astragal details
12	Bill of materials & components



Digitally signed by Lyndon F Schmidt
Date: 2026.08.03 08:22:09 -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



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
151.50" X 81.63"	20.50" X 62.50"	G1	+50.0	-50.0

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

PLASTPRO INC
FIBERGLASS DOOR

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

REVISIONS

DATE: 02/20/12

SCALE: N.T.S.

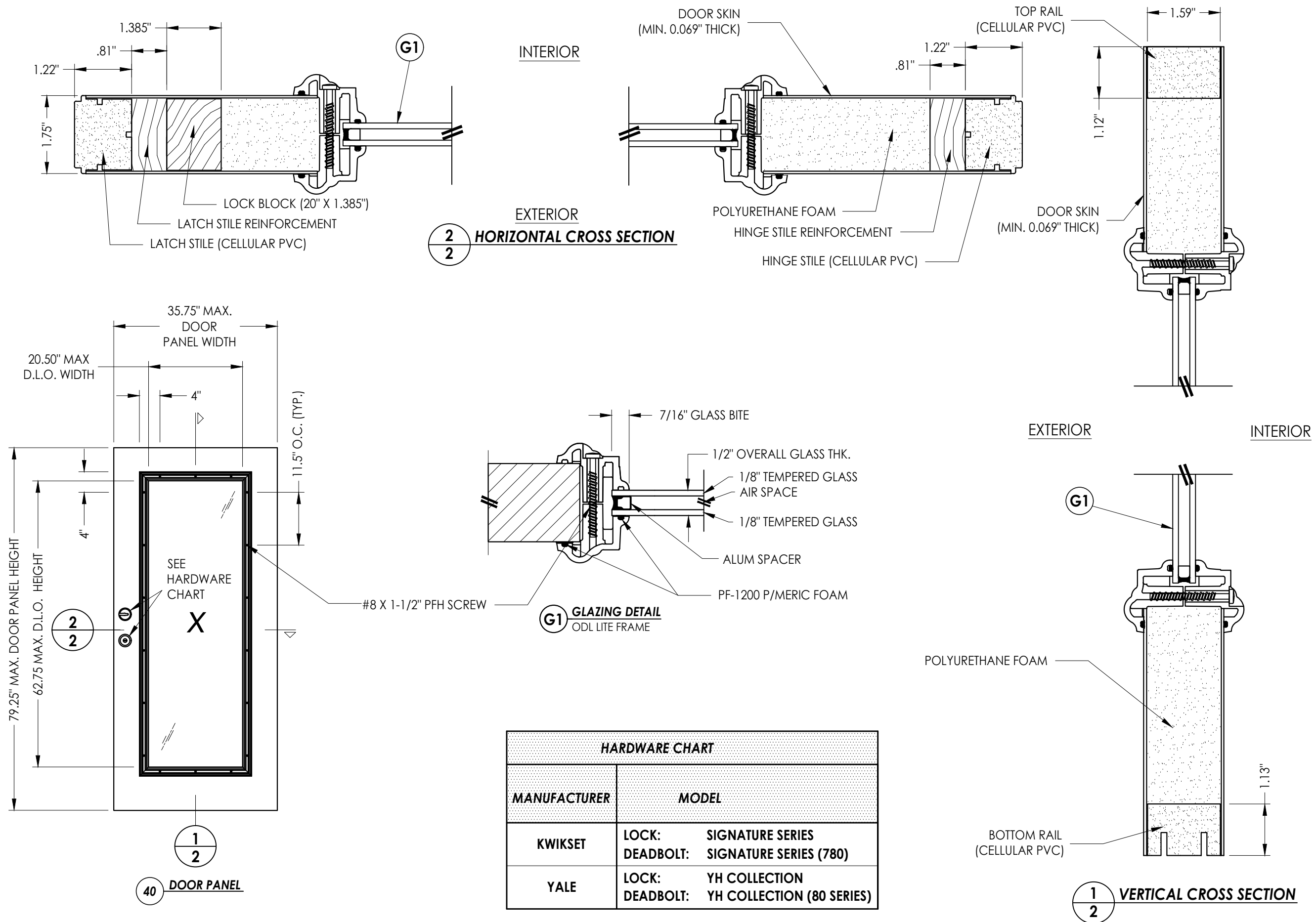
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15220.5

SHEET 1 OF 12

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



HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	LOCK: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (780)
YALE	LOCK: DEADBOLT:	YH COLLECTION YH COLLECTION (80 SERIES)

5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS

DATE: 02/20/12

SCALE: *N.T.S.*

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DRAWING NO.:

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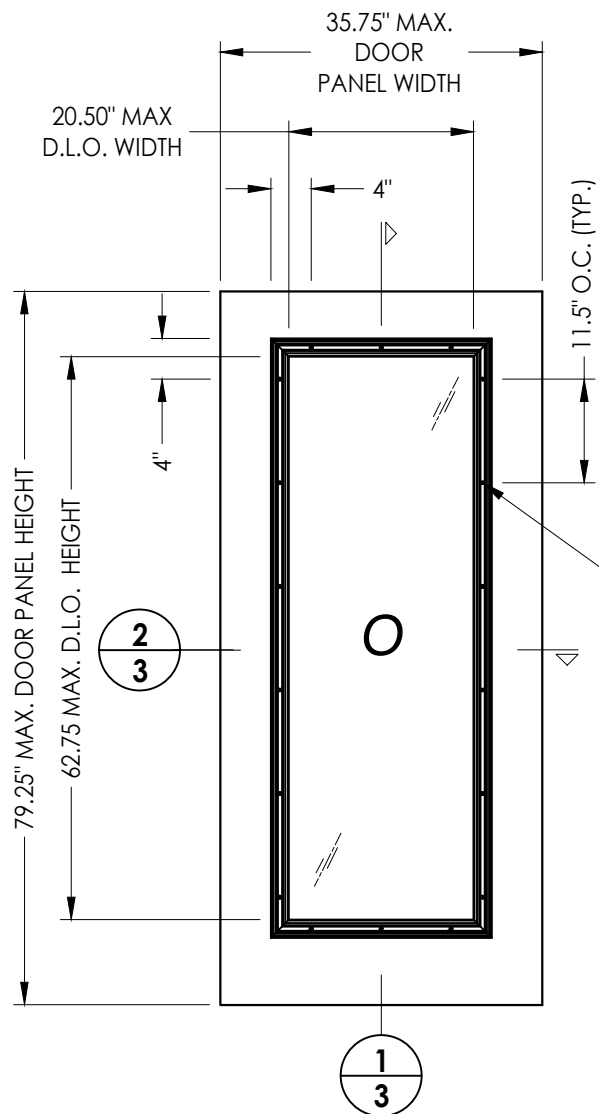
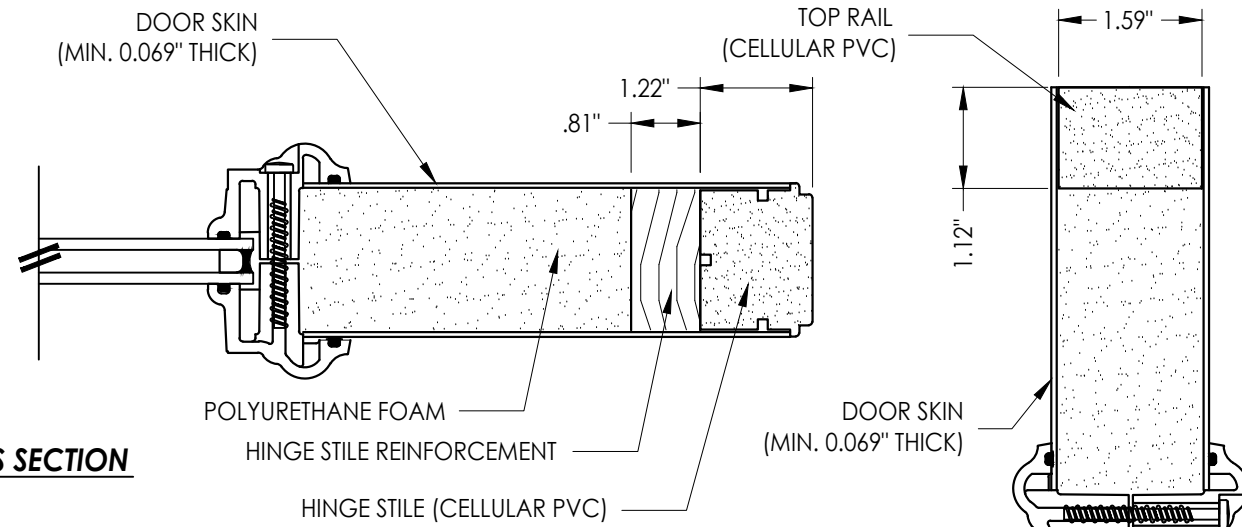
SHEET 2 OF 12

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

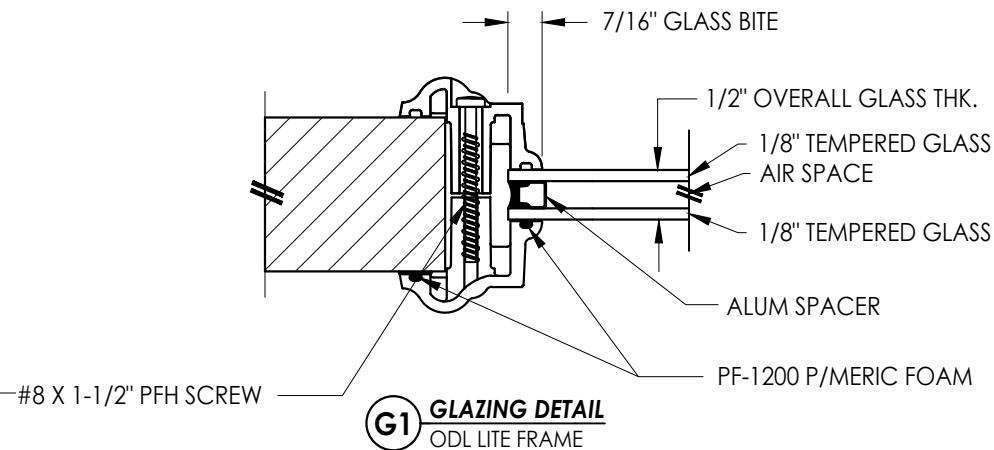
R^W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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EXTERIOR

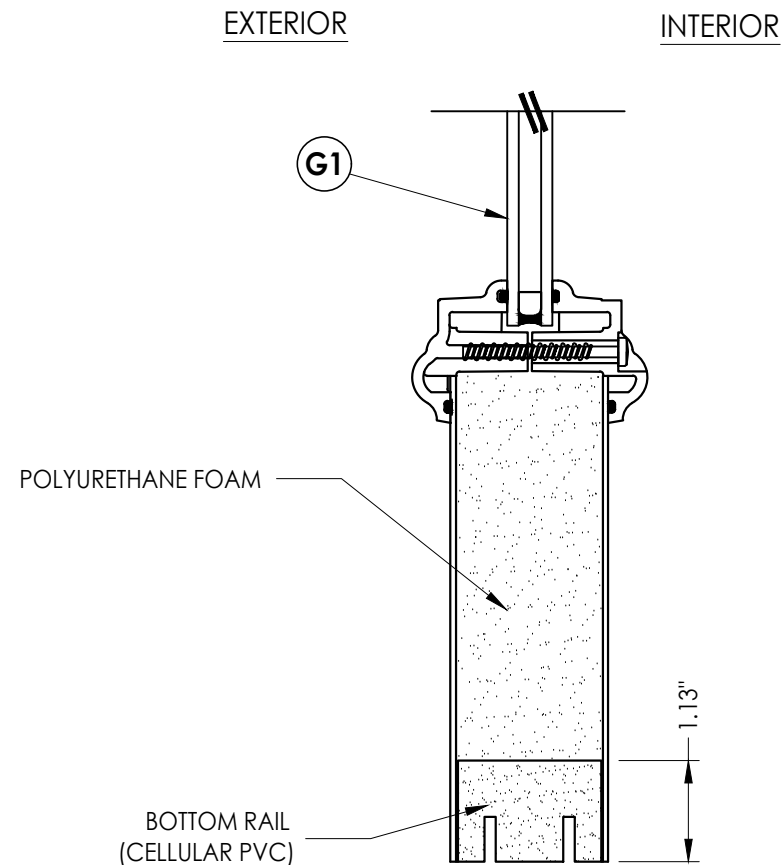


60 SIDELITE PANEL



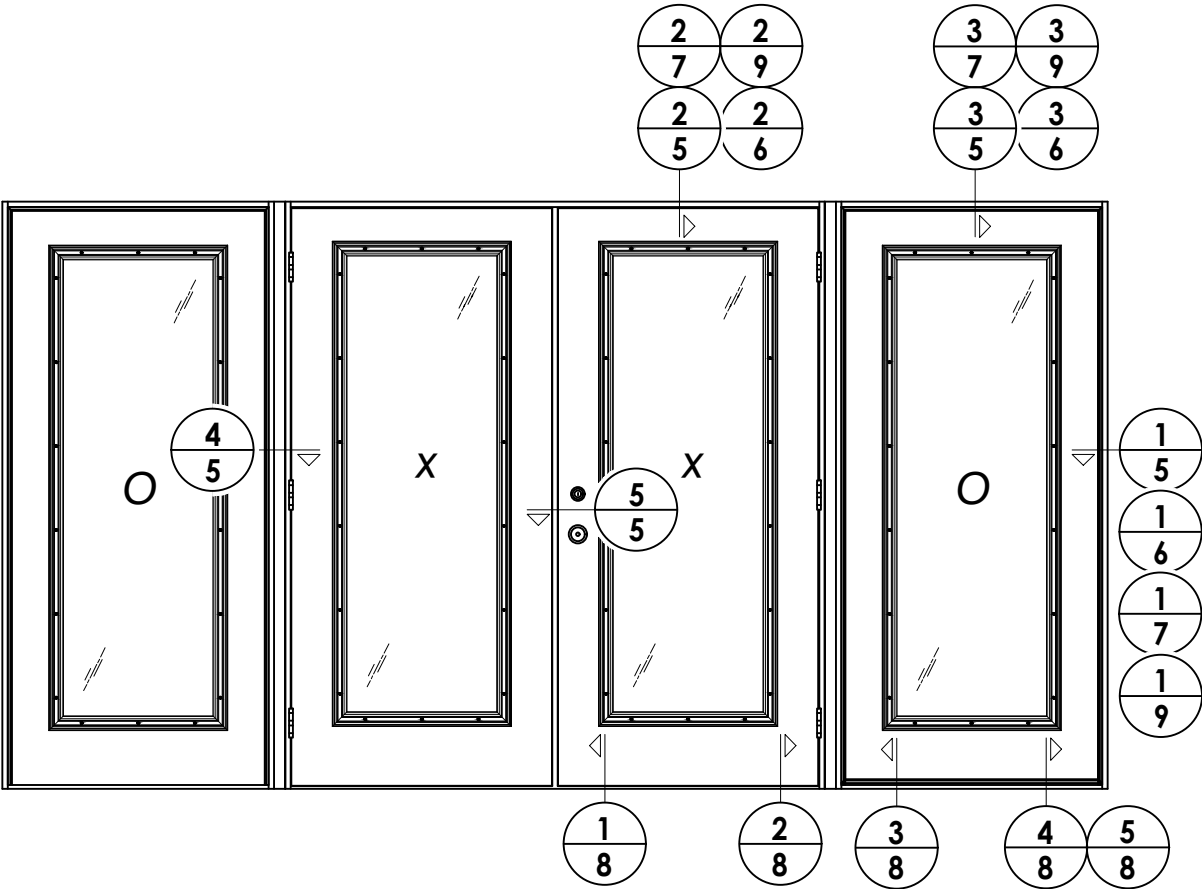
GLAZING DETAIL

ODL LITE FRAME

[illegible]

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

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Phone No.: 813.659.9197
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[illegible]

DATE: 02/20/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:
FL-15220.5

SHEET 4 OF 12

PRODUCT:

PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:

ELEVATIONS

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

Radco Building Consultants, Inc.

P.O. Box 230, Valrico, FL 33595
Phone No.: 813 650 9107

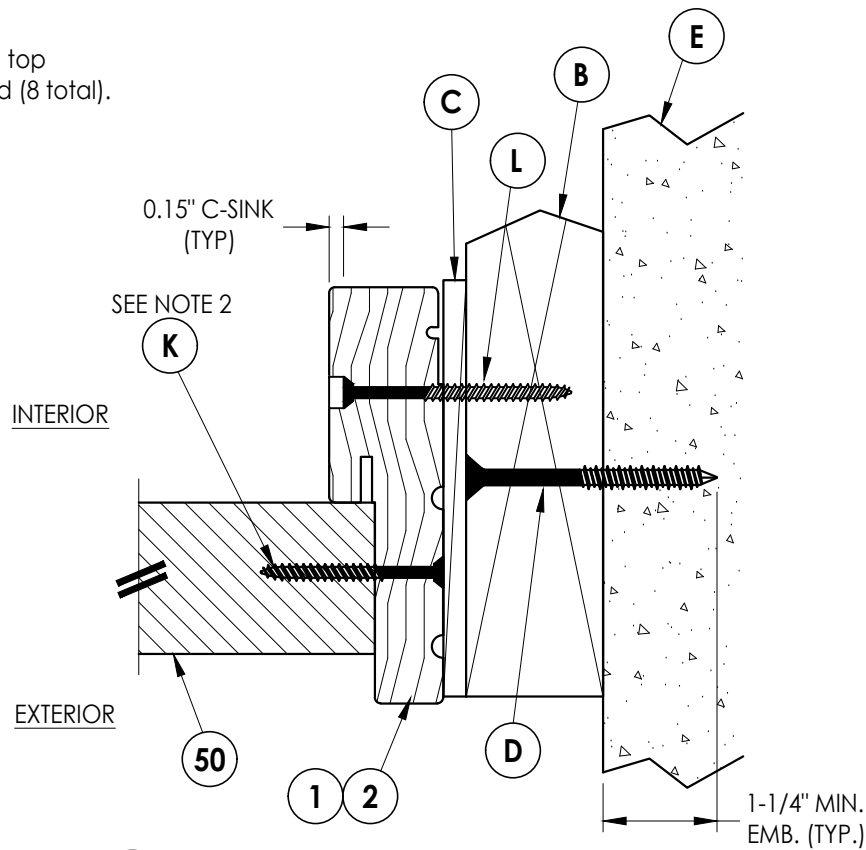
Phone No.: 813.659.9197

FBPE Registry No. 9813

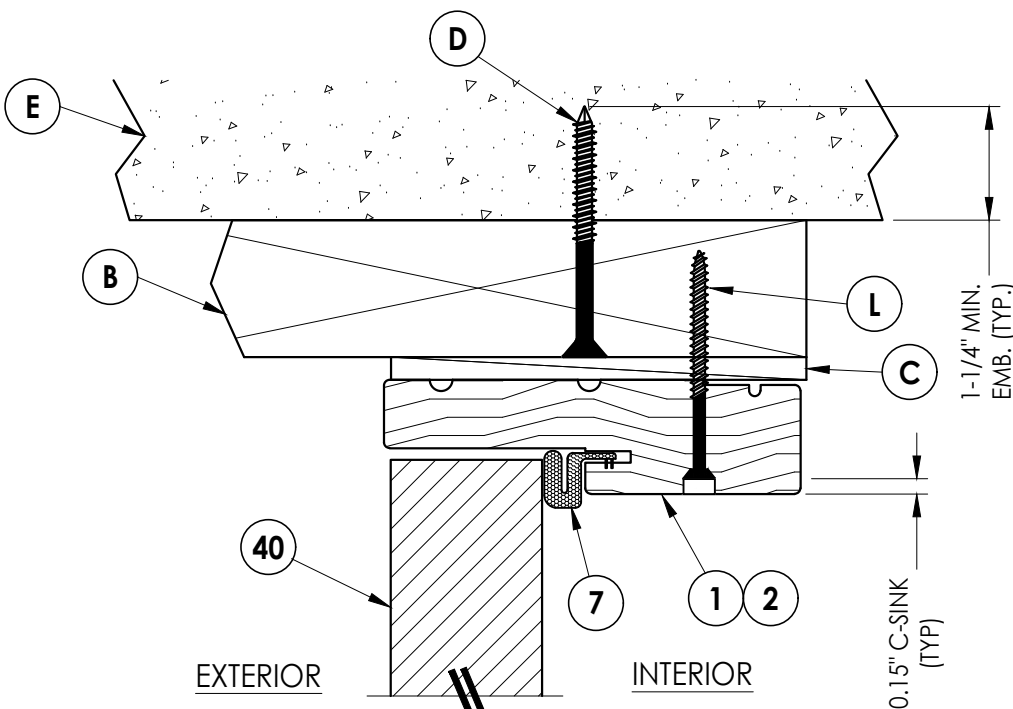
© 2012 R.W. BUILDING CONSULTANTS INC.

NOTES:

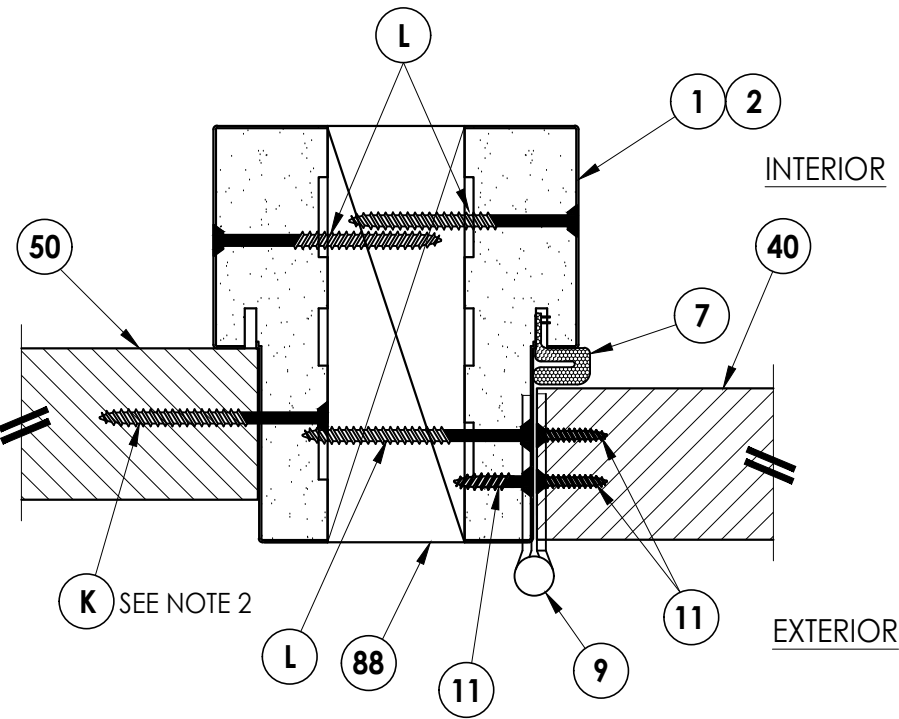
1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 6 more equally spaced (8 total).



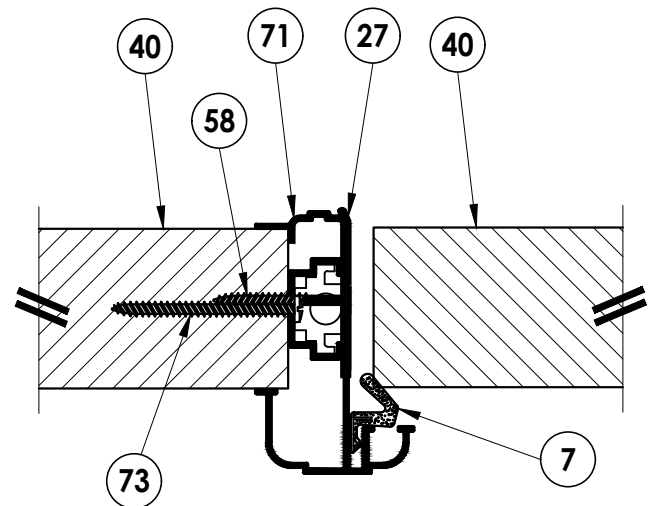
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5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



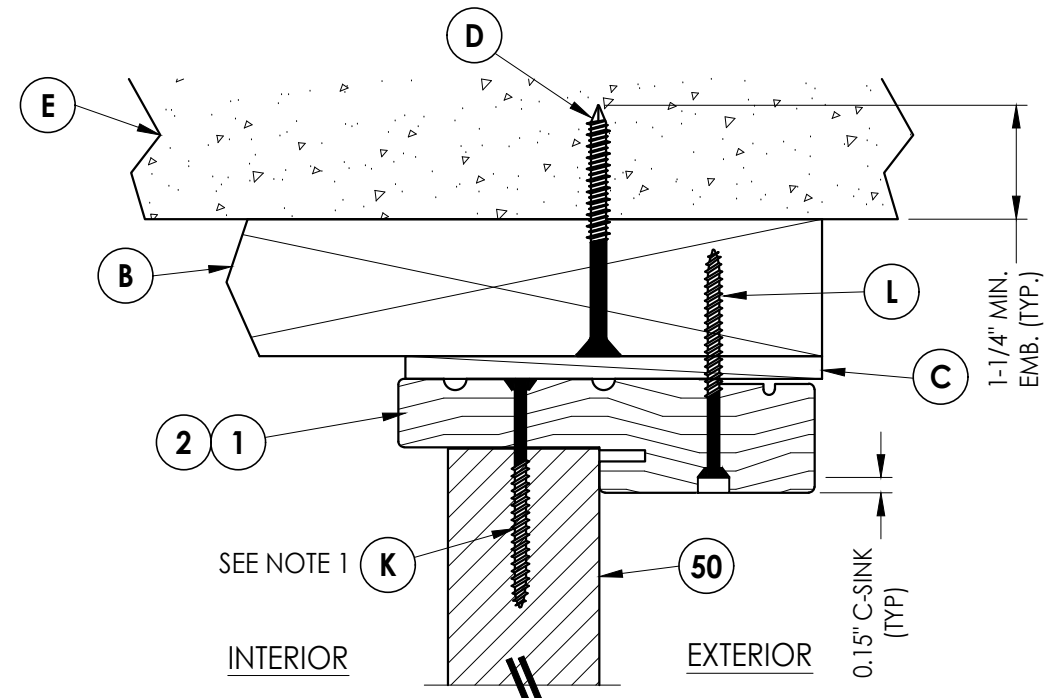
2
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



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



5
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



3
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

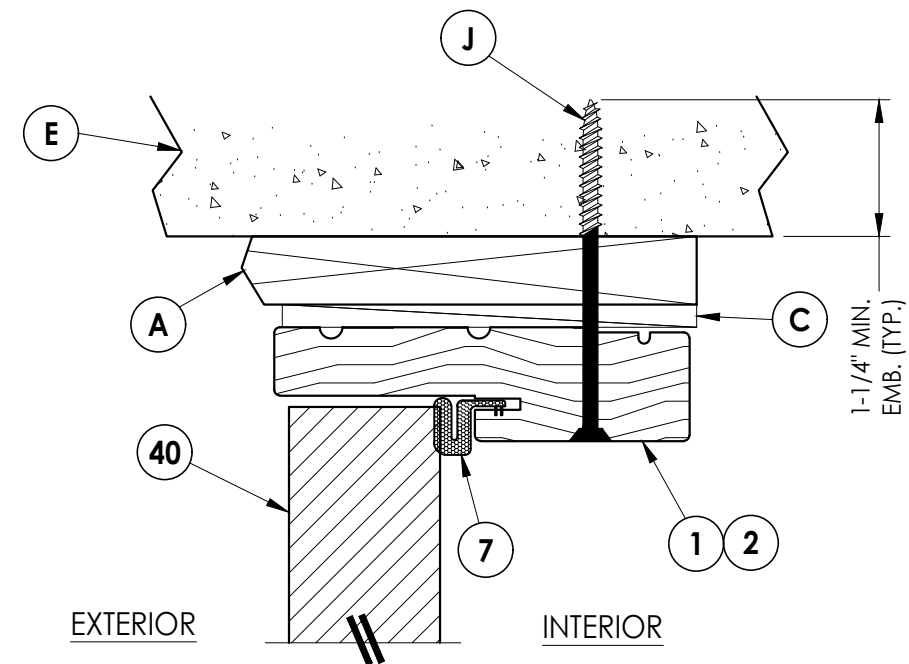
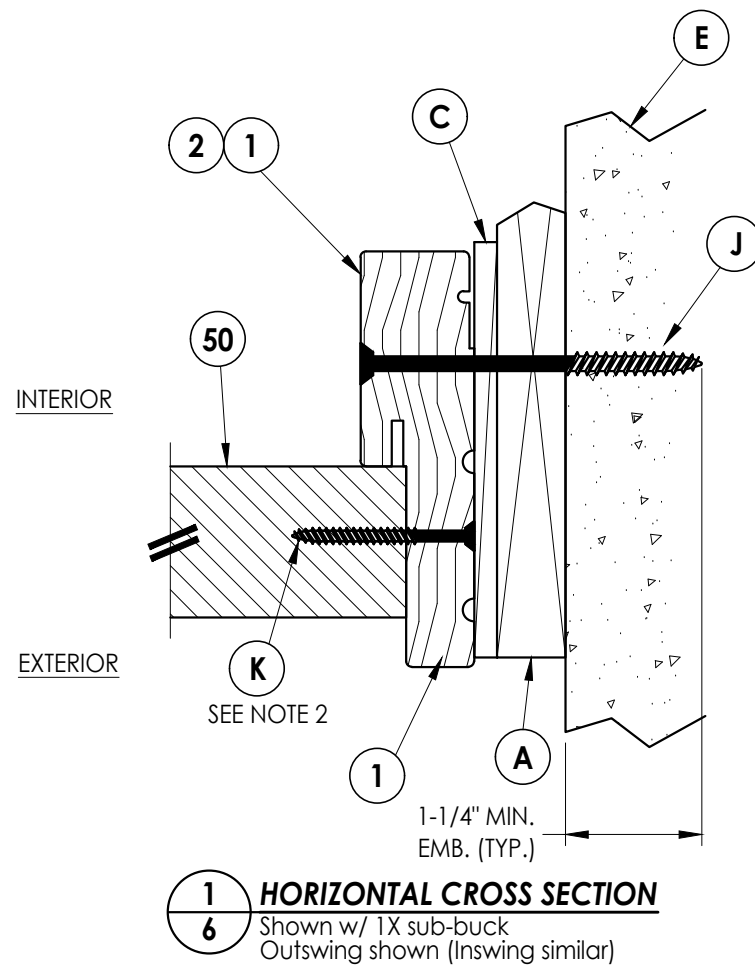
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

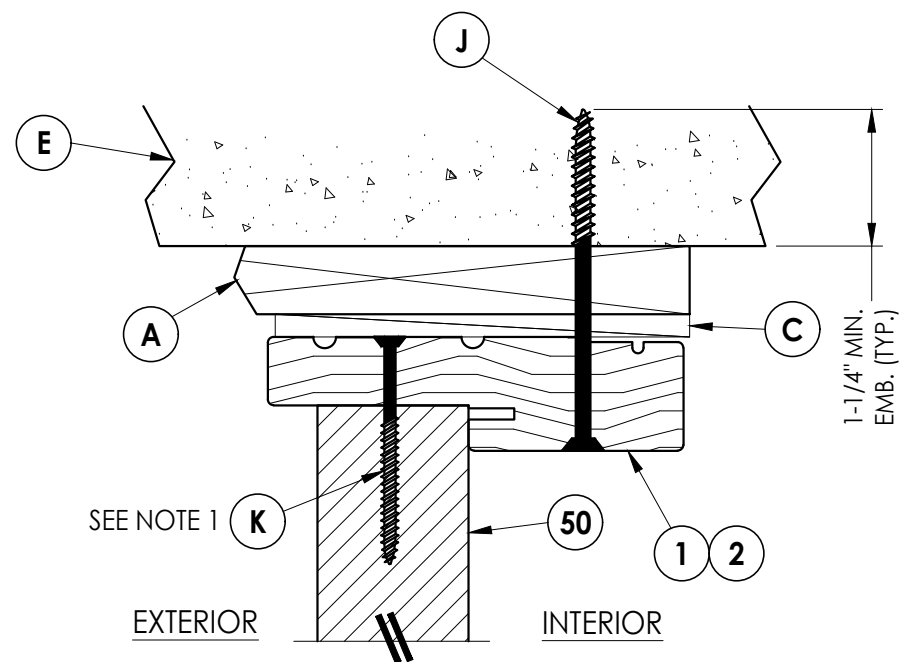
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4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 02/20/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15220.5
SHEET 5 OF 12

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FBPE Registry No. 9813



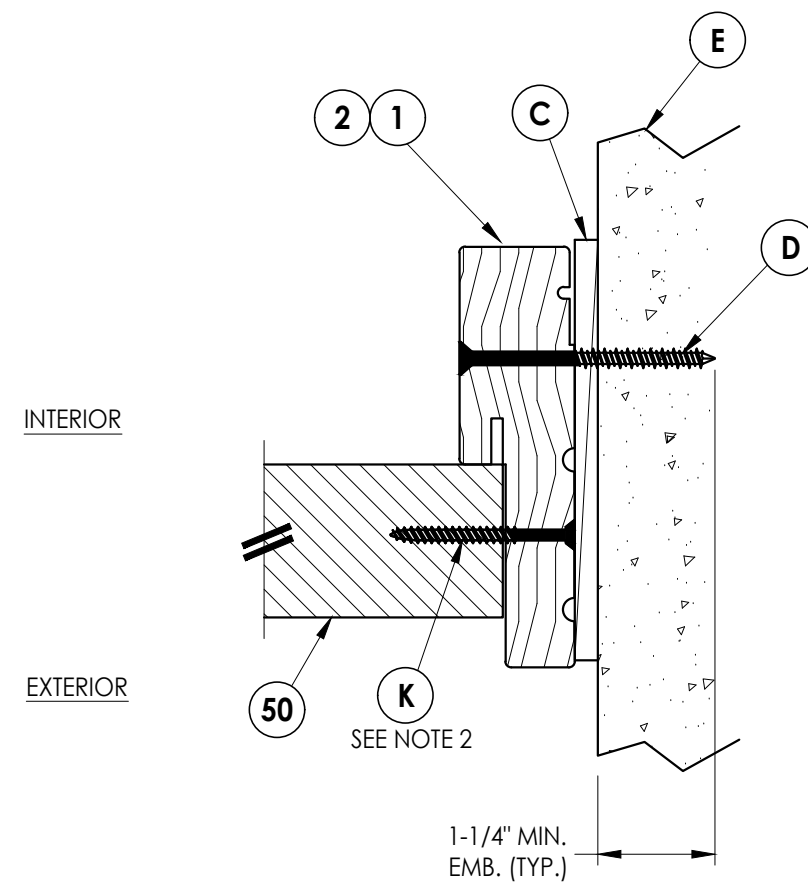
2 **VERTICAL CROSS SECTION**
6 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)



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

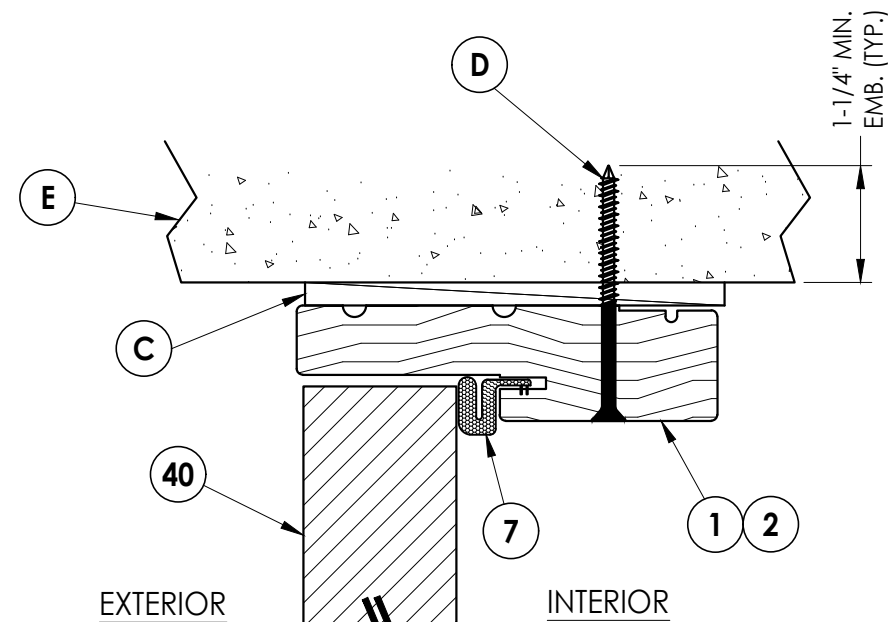
- NOTES:**
1. Spacing for item K: 6" from each end and at centerline (3 total).
 2. Sidelite assembly screws located 6" from top and bottom then 6 more equally spaced (8 total).

[illegible]

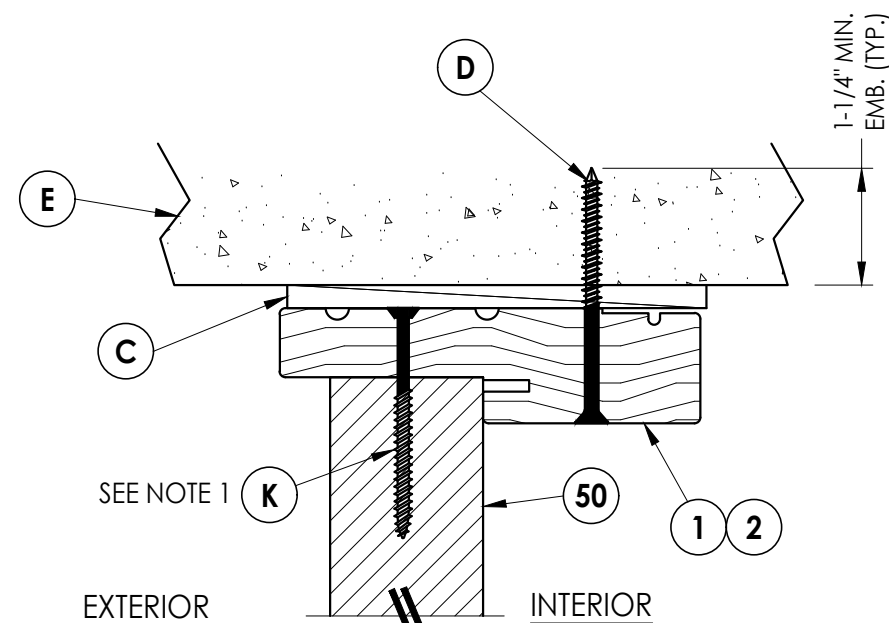


1 7 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)



2 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing shown (Inswing similar)



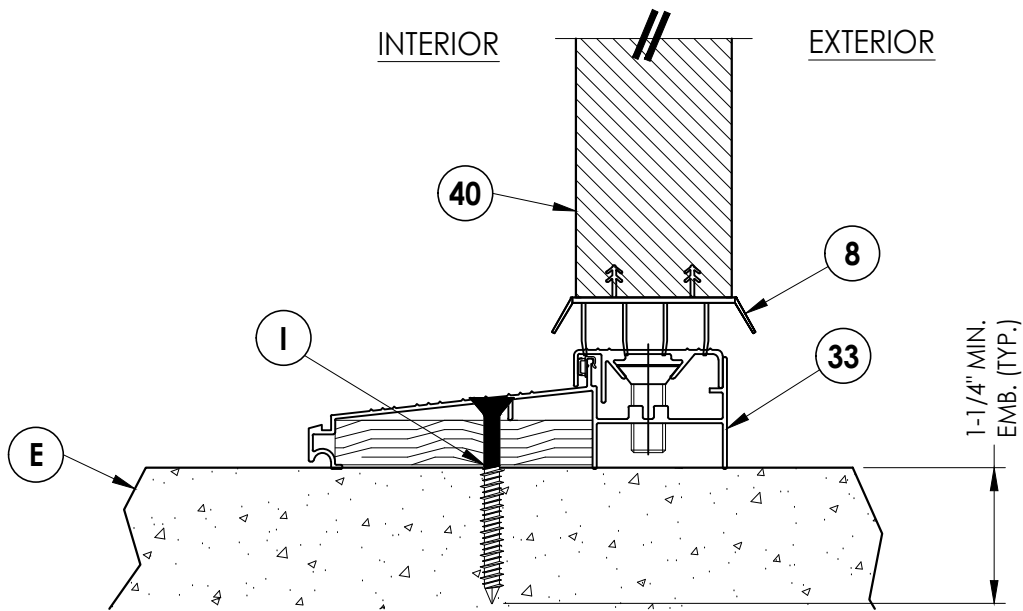
3 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing shown (Inswing similar)

NOTES:

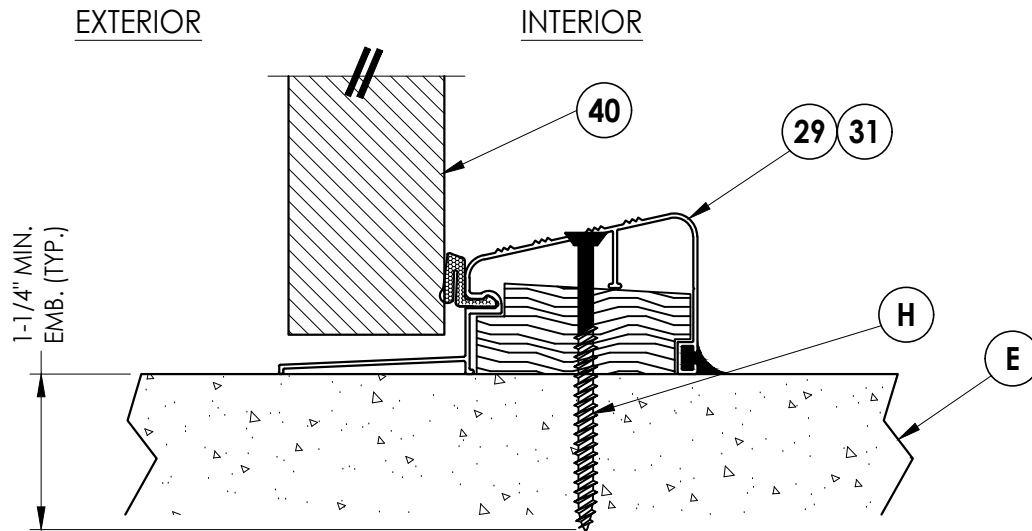
1. Spacing for item K: 6" from each end and at centerline (3 total).
2. Sidelite assembly screws located 6" from top and bottom then 6 more equally spaced (8 total).

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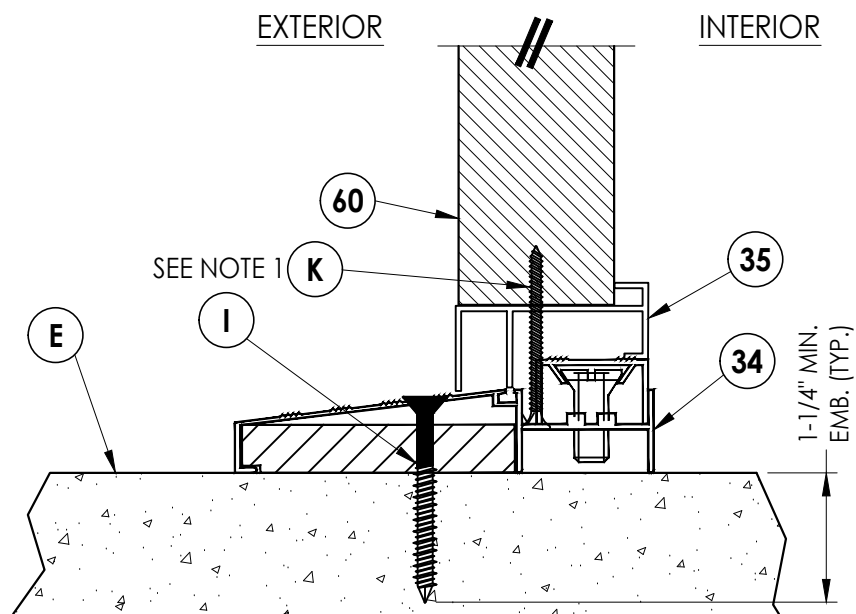
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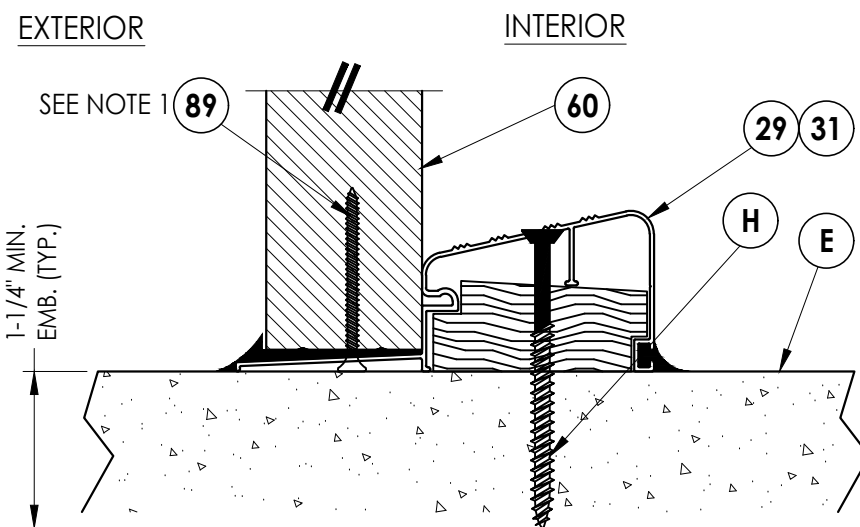
1
8 **VERTICAL CROSS SECTION**
Outswing configuration



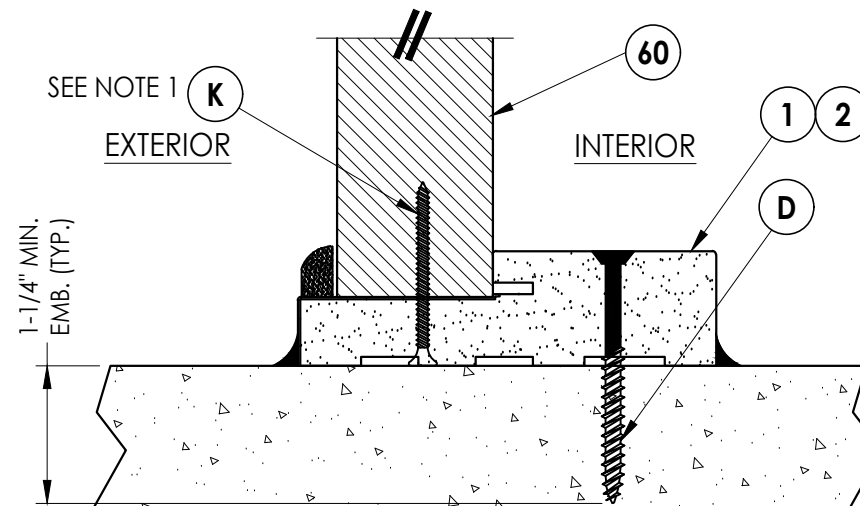
2
8 **VERTICAL CROSS SECTION**
ADA Threshold



3
8 **VERTICAL CROSS SECTION**
Inswing configuration



4
8 **VERTICAL CROSS SECTION**
Outswing configuration



5
8 **VERTICAL CROSS SECTION**
Inswing configuration

NOTE

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

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

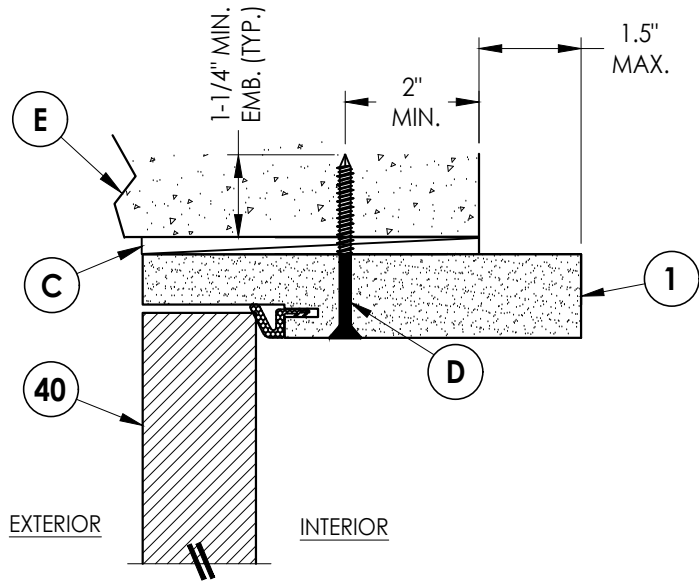
CHK. BY: LFS

DRAWING NO.:
FL-15220.5

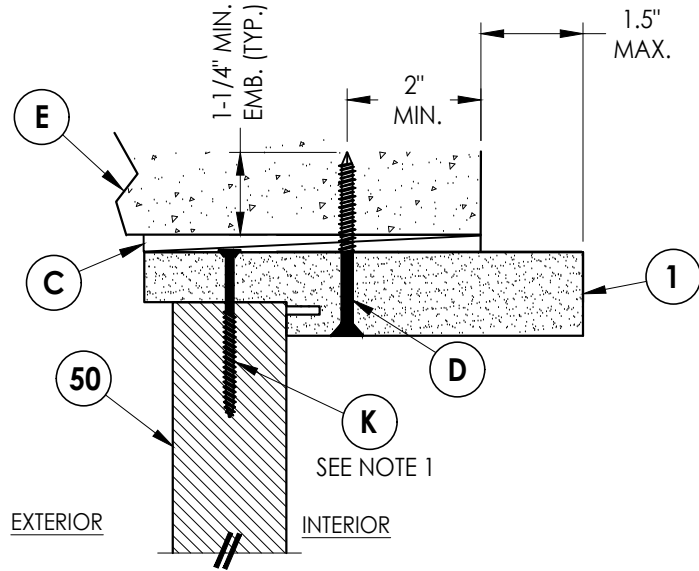
SHEET 8 OF 12

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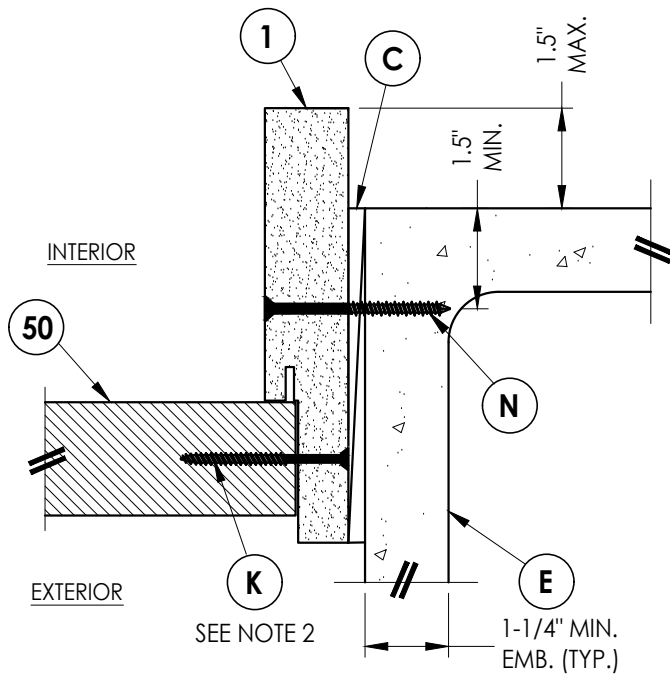
- NOTES:
1. Spacing for item K: 6" from each end and at centerline (3 total).
 2. Sidelite assembly screws located 6" from top and bottom then 6 more equally spaced (8 total).



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



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



1
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

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 & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 02/20/12

SCALE: N.T.S.

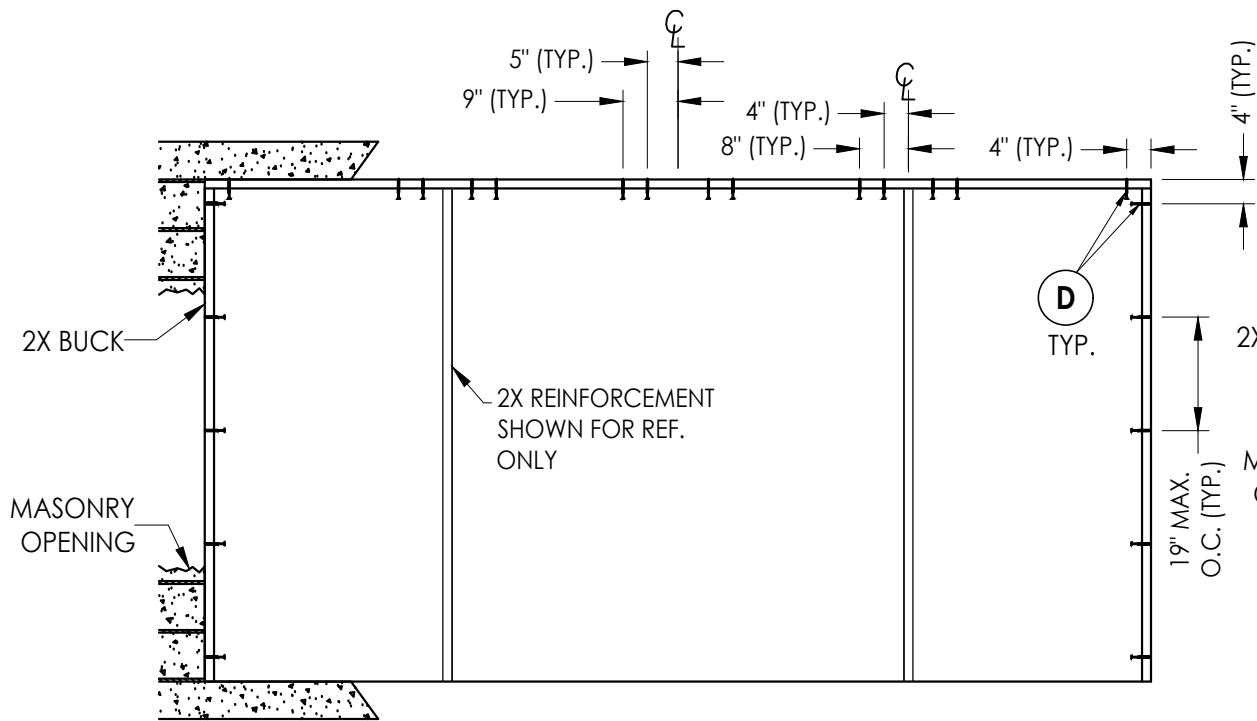
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CHK. BY: LFS

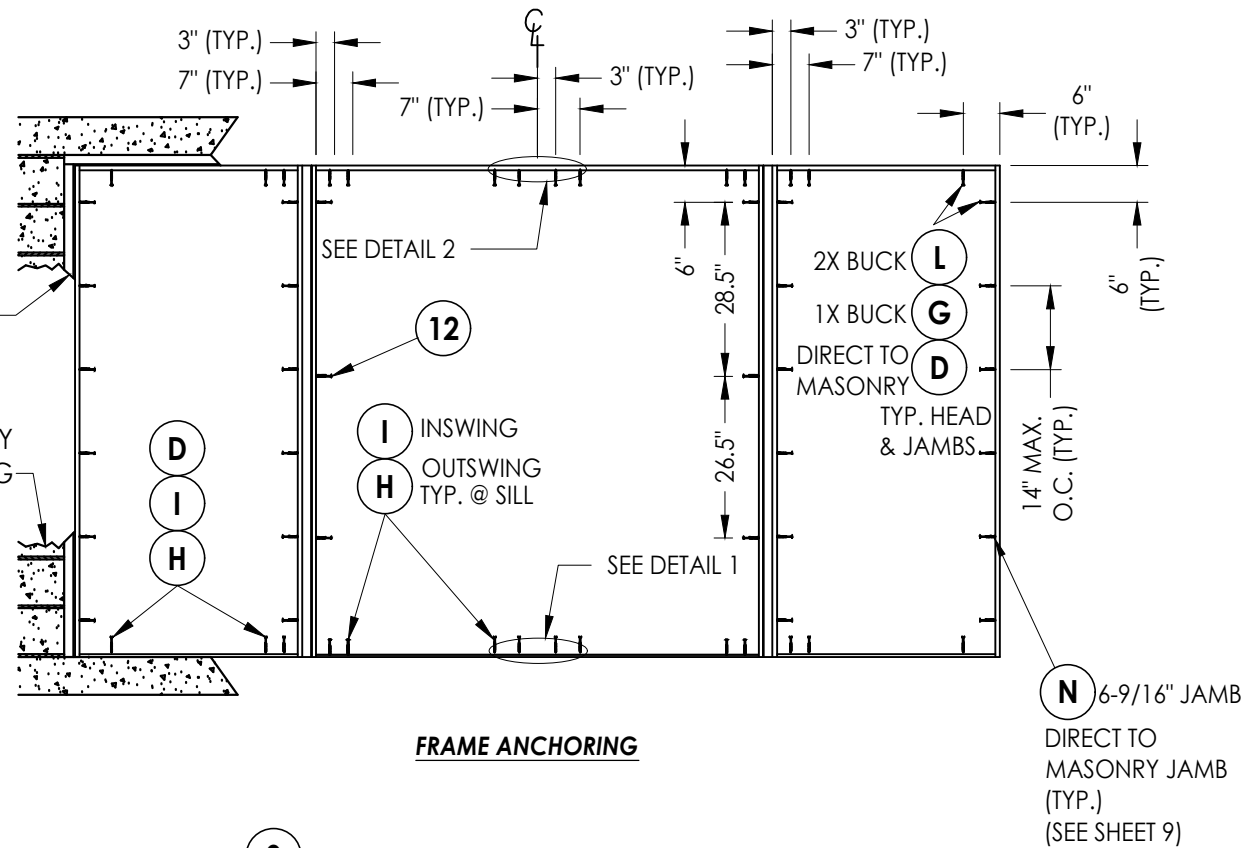
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FL-15220.5

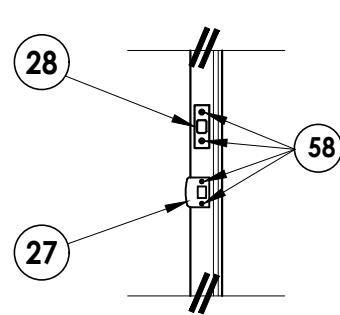
SHEET 9 OF 12



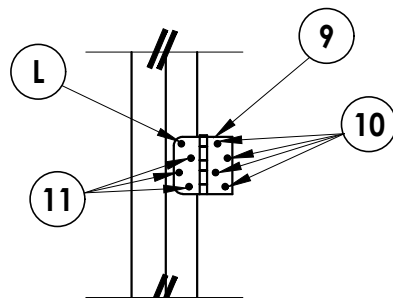
BUCK ANCHORING



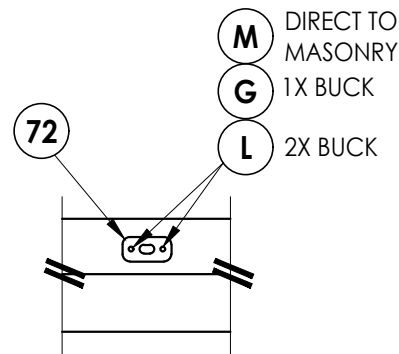
FRAME ANCHORING



LATCH & DEAD BOLT DETAIL

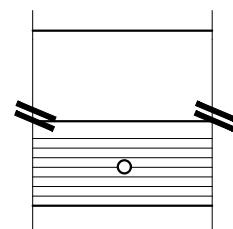


HINGE DETAIL



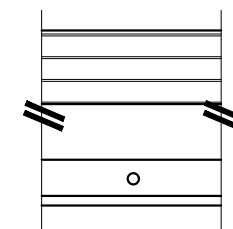
DETAIL 2

Attach astragal throw bolt strike plate to frame as shown



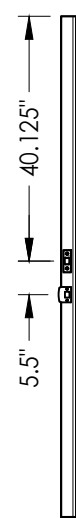
DETAIL 1

Astragal throw bolts at the threshold (Outswing)

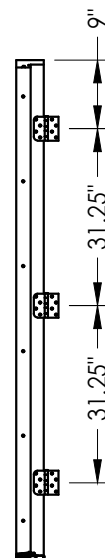


DETAIL 1

Astragal throw bolts at the threshold (Inswing)



ASTRAGAL STRIKE JAMB



HINGE JAMB

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
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"	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:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

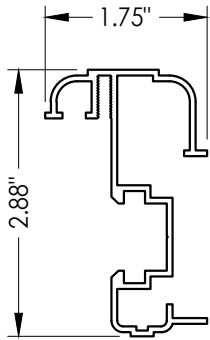
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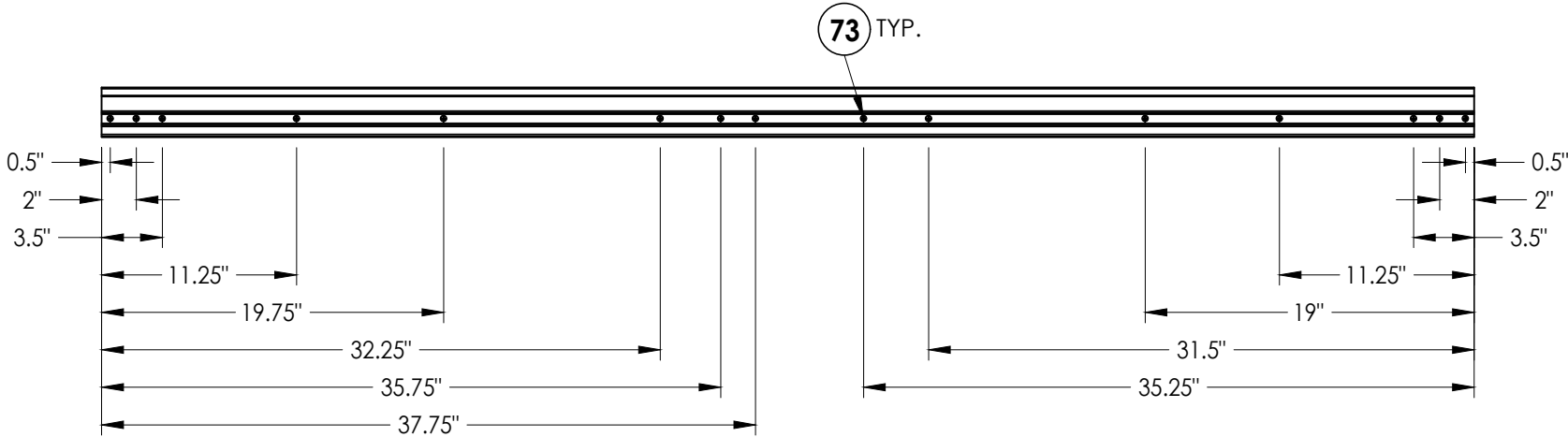
SHEET 10 OF 12

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Phone No.: 813.659.9197
FBPE Registry No. 9813

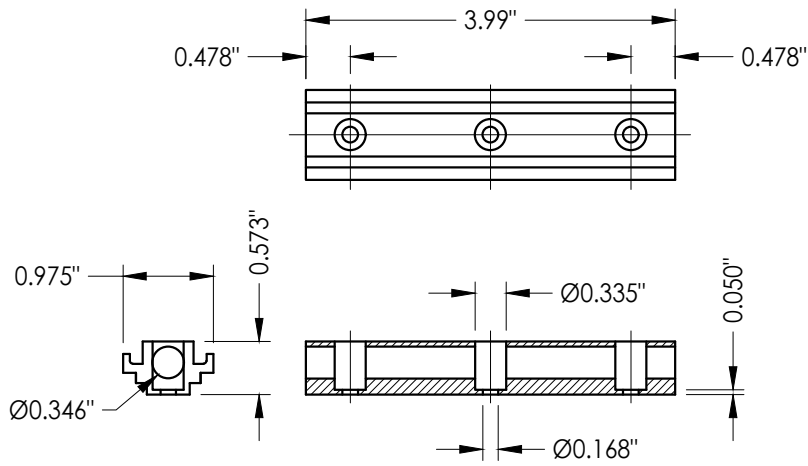
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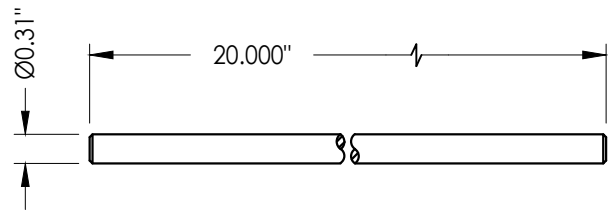
71 ASTRAGAL
DLP



ASTRAGAL SCREW LOCATIONS



74 CONCEALED STIFFENER



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

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC FIBERGLASS DOOR		ASTRAGAL DETAILS	
NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS

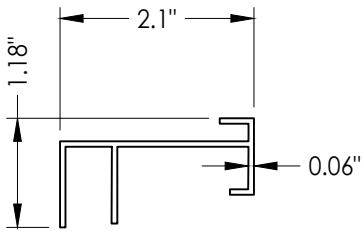
DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.5
SHEET	11 OF 12

Documents Prepared By:
Lyndon F. Schmidt
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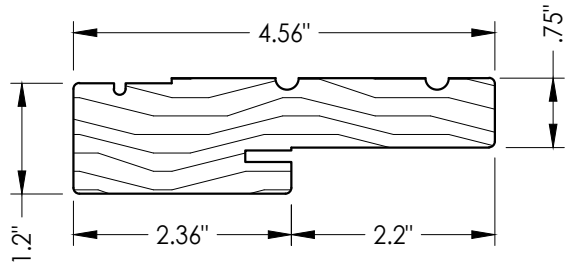
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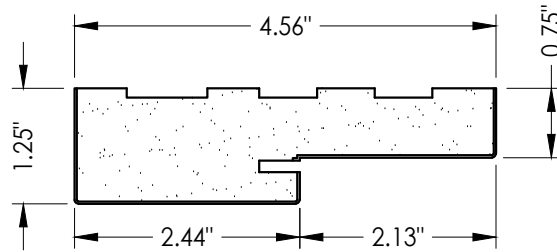
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE 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
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
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	OUTSWING THRESHOLD BY DLP	ALUM/WOOD
31	OUTSWING THRESHOLD BY DLP	ALUM/WOOD
33	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM/WOOD
34	INSWING SIDELITE ALUMINUM THRESHOLD BY DLP	ALUM/WOOD
35	SIDELITE SPACER	PVC
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
58	#8 X 2" PFH WOOD SCREW	STEEL
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
71	ASTRAGAL BY DLP (6063-T5 ALUMINUM)	ALUM.
72	ASTRAGAL STRIKE PLATE	STEEL
73	#8 X 2" PH SCREW	STEEL
74	CONCEALED STIFFENER BY PLASPRO (6063-T6 ALUMINUM)	ALUM.
77	SLIDE BOLT ROD	STEEL
88	2X REINFORCEMENT (CLEAR PINE) SG >= 0.49	WOOD
89	#7 X 2" PFH DRYWALL SCREW	STEEL



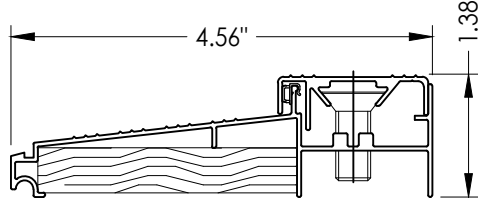
35 SIDELITE SPACER



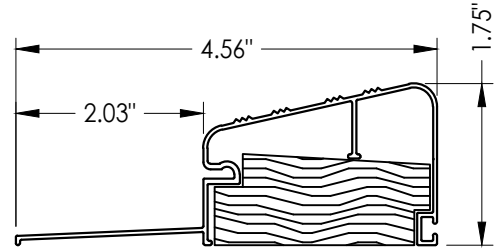
1 HEAD & SIDE
Jamb



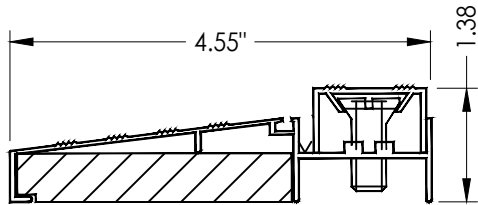
2 HEAD & SIDE
Poly fiber jamb



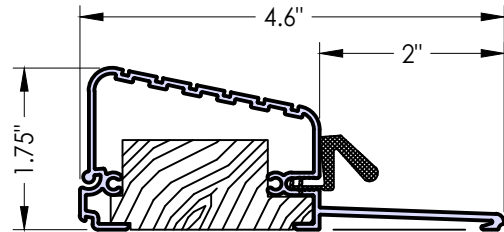
33 ADJUSTABLE INSWING THRESHOLD



29 OUTSWING THRESHOLD BY DLP



34 SIDELITE INSWING THRESHOLD



31 OUTSWING THRESHOLD
Columbia High Dam (581)

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15220.5

SHEET 12 OF 12