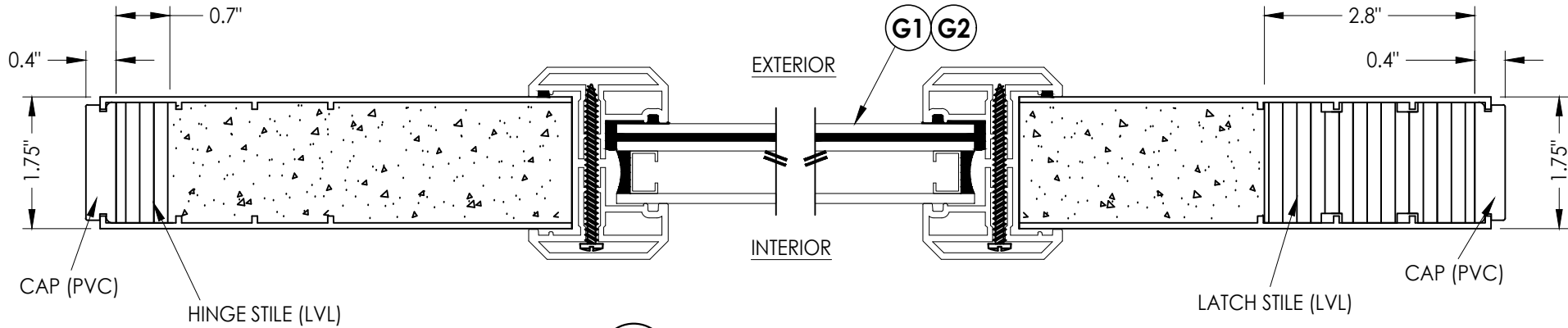
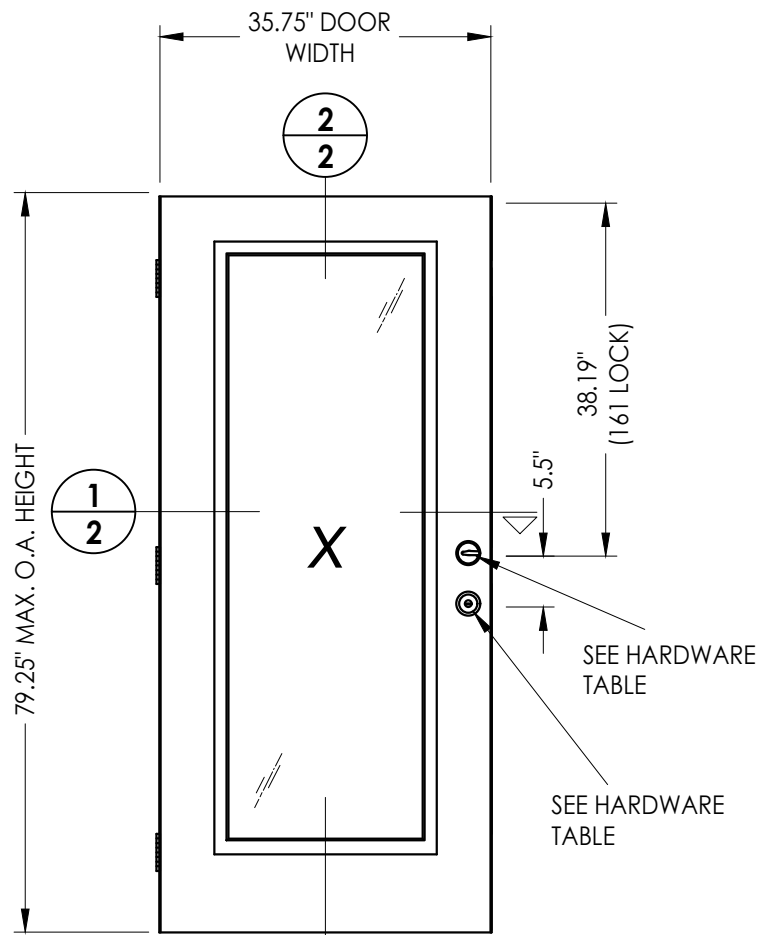




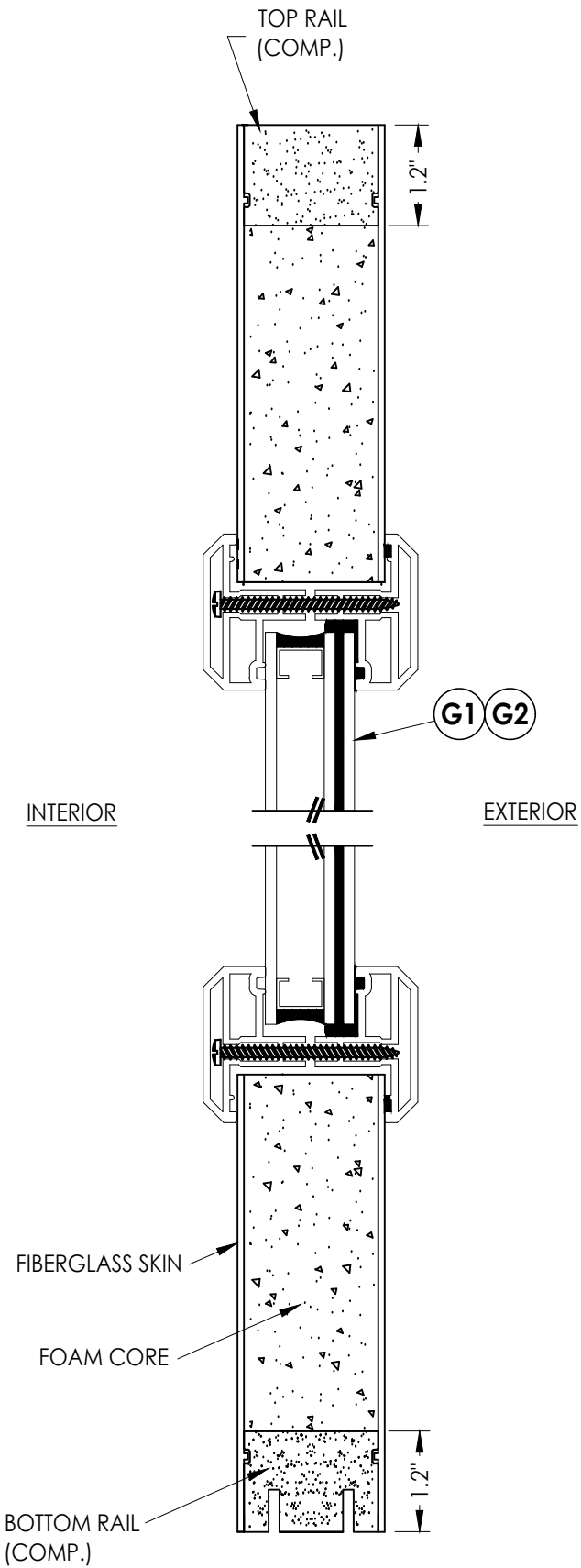
1
2 HORIZONTAL CROSS SECTION



40 DOOR PANEL
Plastpro
Fiberglass

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 and 12 for multipoint lock details.



2
2 VERTICAL CROSS SECTION

FIBERGLASS SKIN: 0.125" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

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

RW

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	UPDATE TO	BY
1	8/10/23	UPDATE TO 8TH ED. (2023)	LFS

REVISIONS

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

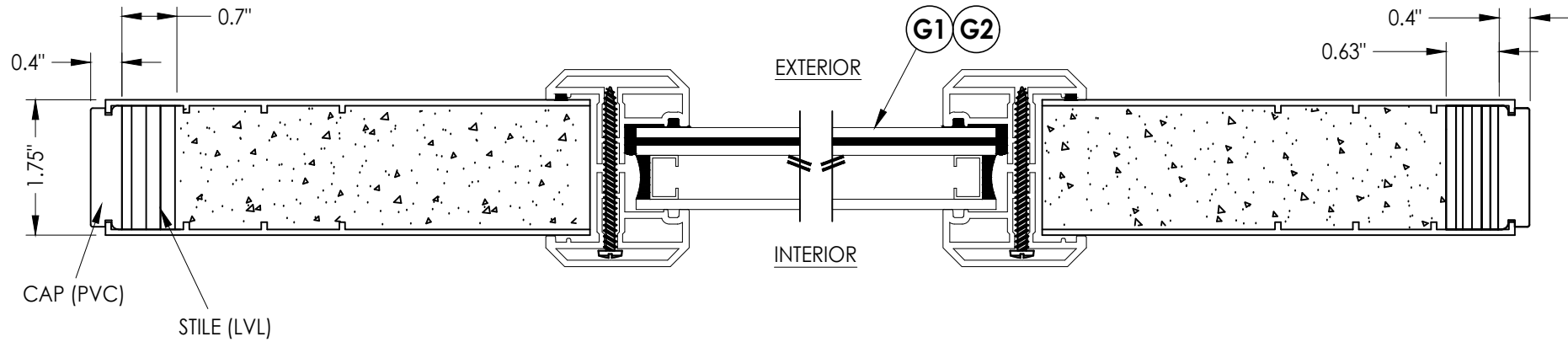
CHK. BY: LFS

DRAWING NO.:

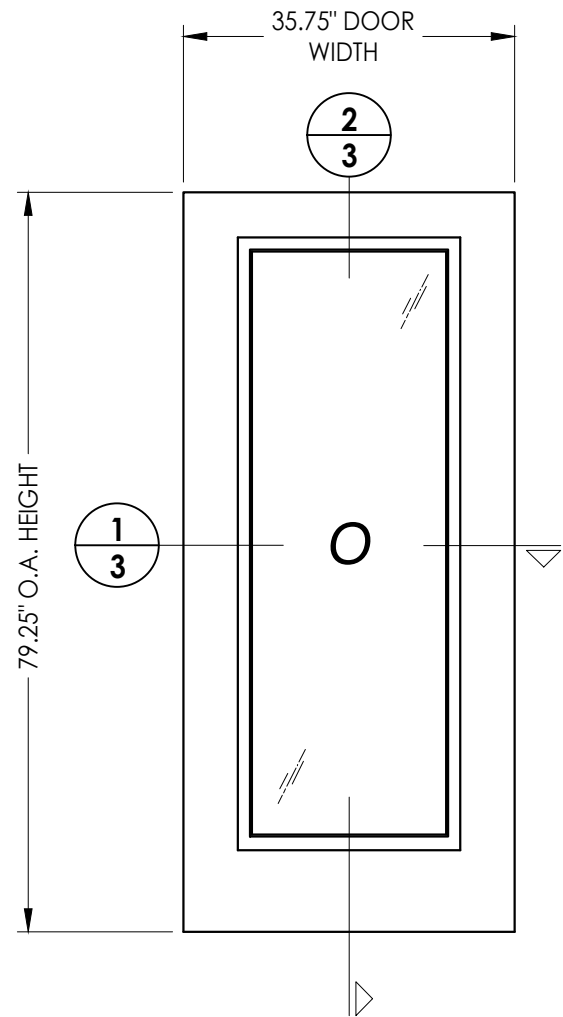
FL-39254.5

SHEET 2 OF 16

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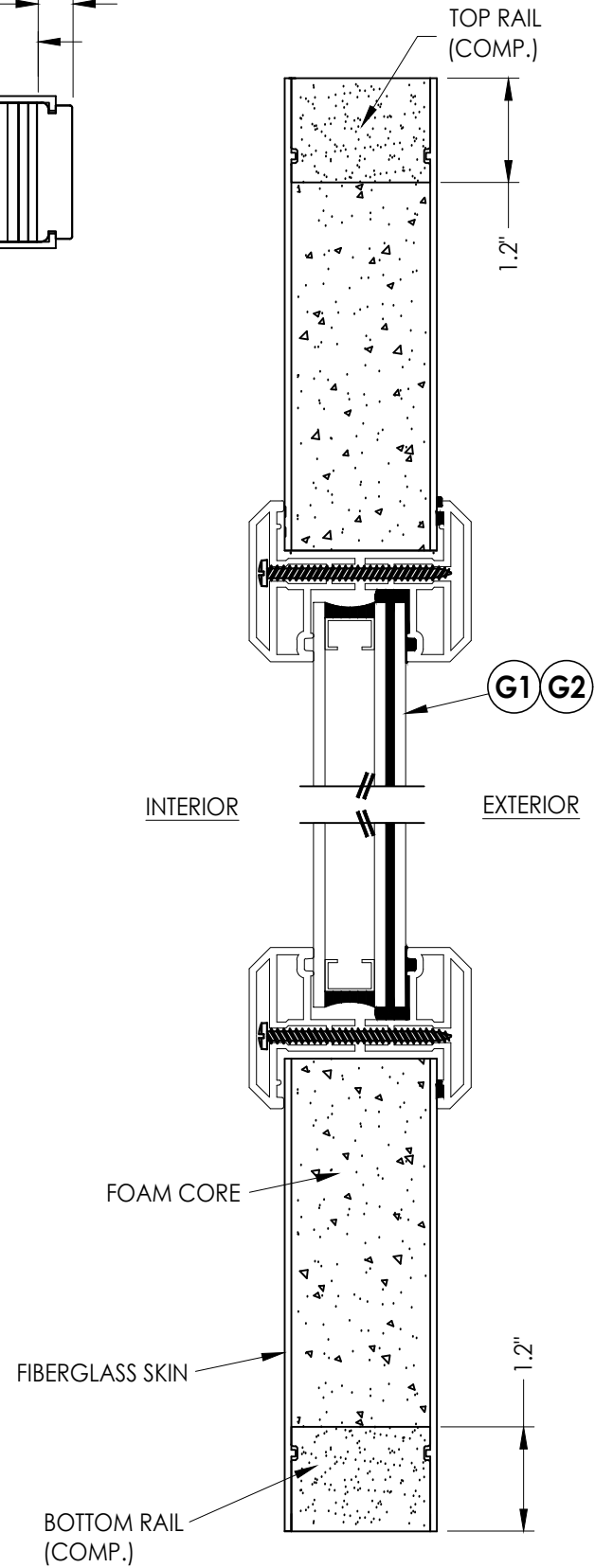


1
3 **HORIZONTAL CROSS SECTION**



50 **SIDELITE PANEL**
Plastpro
Fiberglass

FIBERGLASS SKIN: 0.125" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)



2
3 **VERTICAL CROSS SECTION**

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

RW

PRODUCT: **PLASTPRO INC.
FIBERGLASS DOOR**

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

NO.	DATE	DESCRIPTION	BY
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

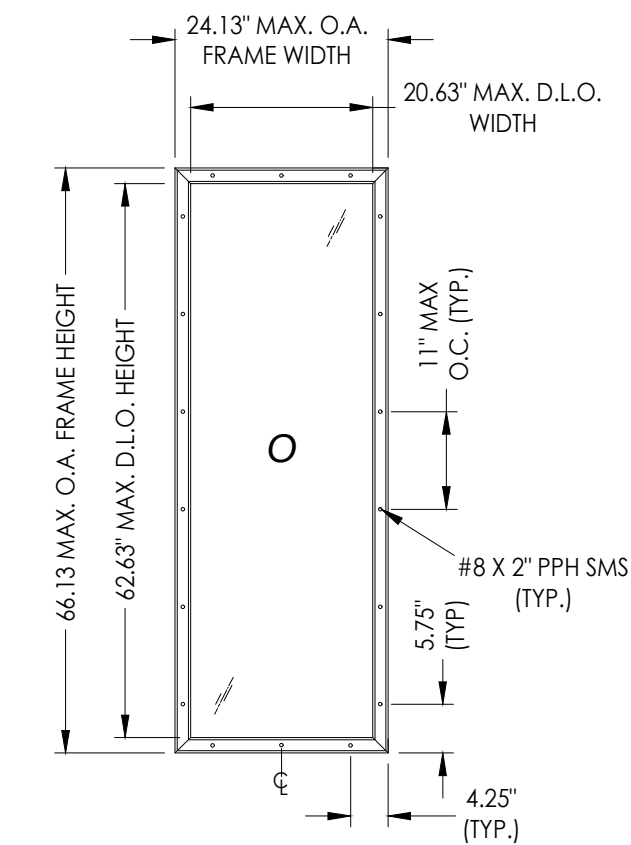
CHK. BY: LFS

DRAWING NO.:

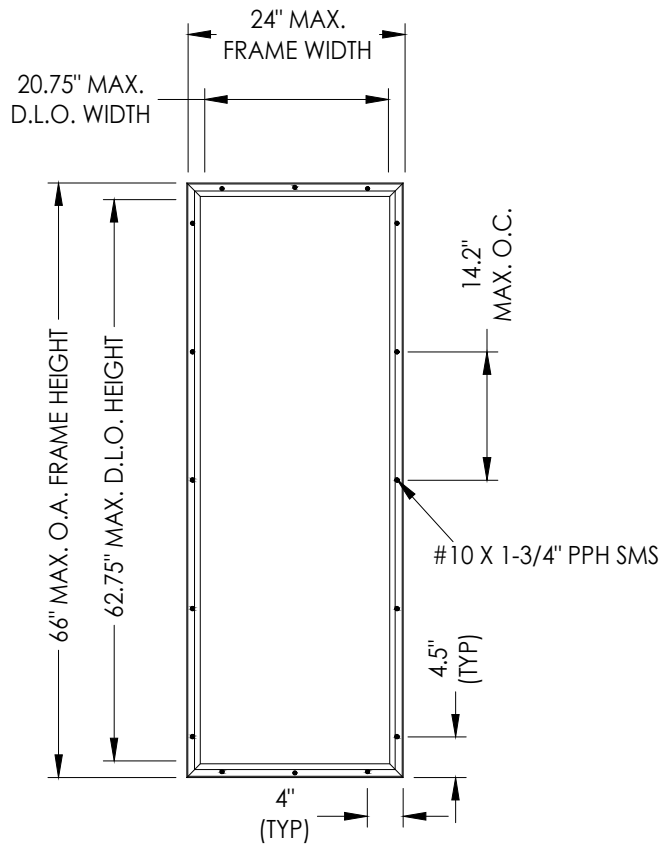
FL-39254.5

SHEET 3 of 16

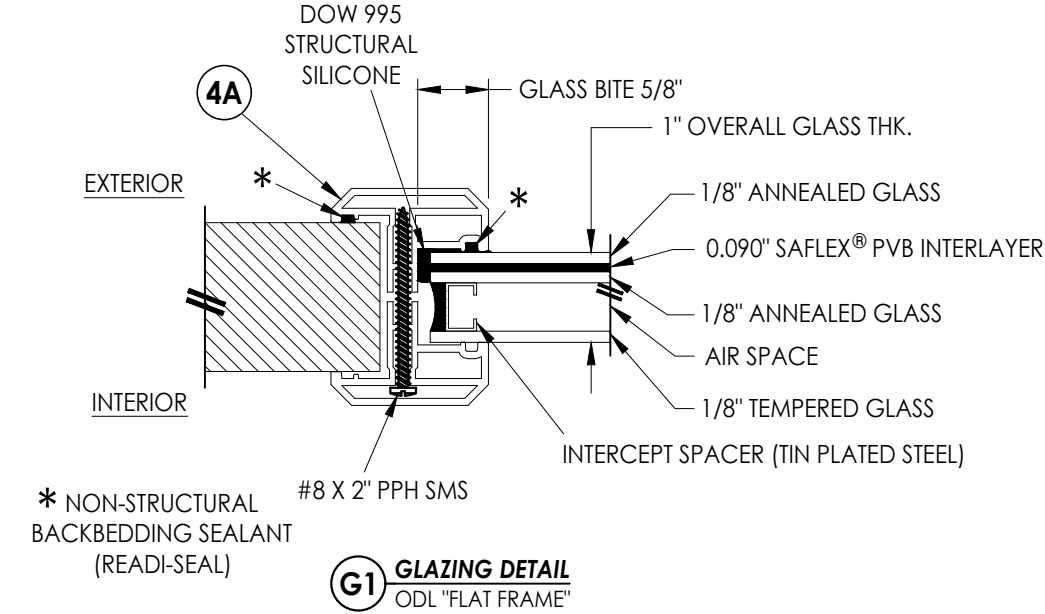
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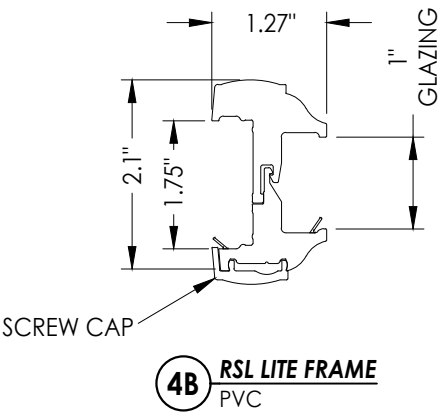
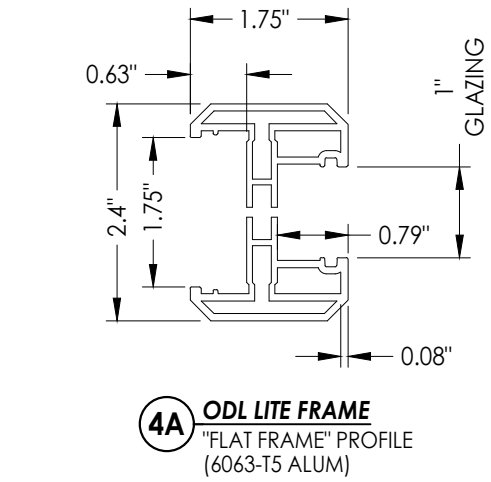
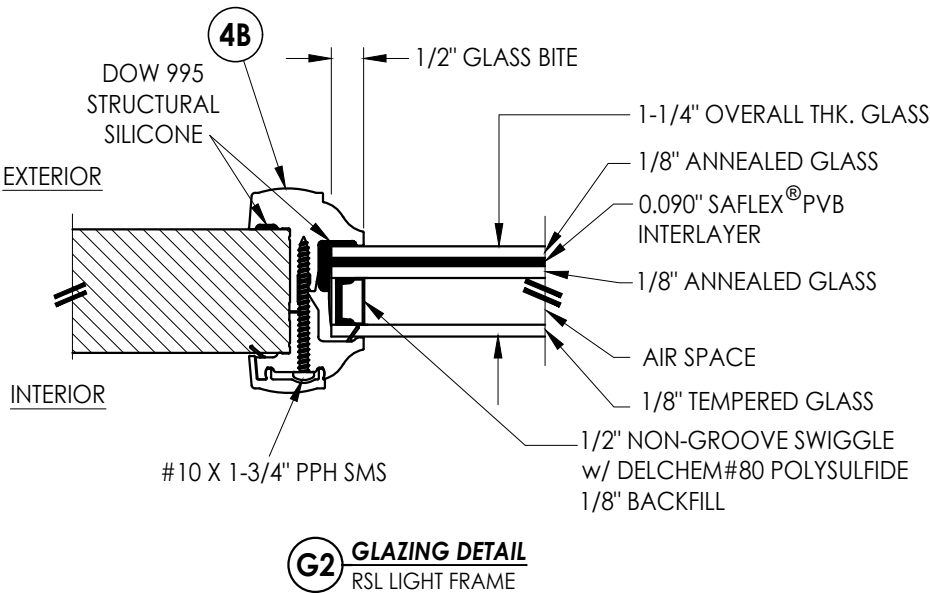
ODL LITE FRAME



RSL LITE FRAME



LITE FRAME TABLE	
MANUFACTURER	MAX. DESIGN PRESSURE (PSF)
ODL	± 65
RSL	± 60



Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

LITE FRAME DETAILS
AND GLAZING DETAILS

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-39254.5

SHEET 4 OF 16

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

The diagram shows three doors, each with a large letter in the center: 'O' on the left, 'X' in the middle, and 'O' on the right. Each door has a rectangular frame and a small diagonal line in the bottom-left corner. The doors are connected by hinges and have handles. Various numbers are placed around the doors in circles, some with horizontal lines through them. Arrows point from these numbers to the doors. The numbers are: 3, 8, 3, 6 (top left); 3, 10, 3, 7 (top middle); 4, 8, 4, 6 (top right); 5, 6 (middle left); 6, 6 (middle right); 2, 6, 2, 7, 2, 8, 2, 10 (far right); 1, 9, 2, 9, 3, 9 (bottom left); 4, 9, 5, 9 (bottom right).

[illegible]

DATE:	3/29/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.5
SHEET	5 OF 16

PART OR ASSEMBLY:

ELEVATIONS

RW

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

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 5 more equally spaced (7 total).



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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

[illegible]

DATE: 3/29/22

SCALE: N.T.S.

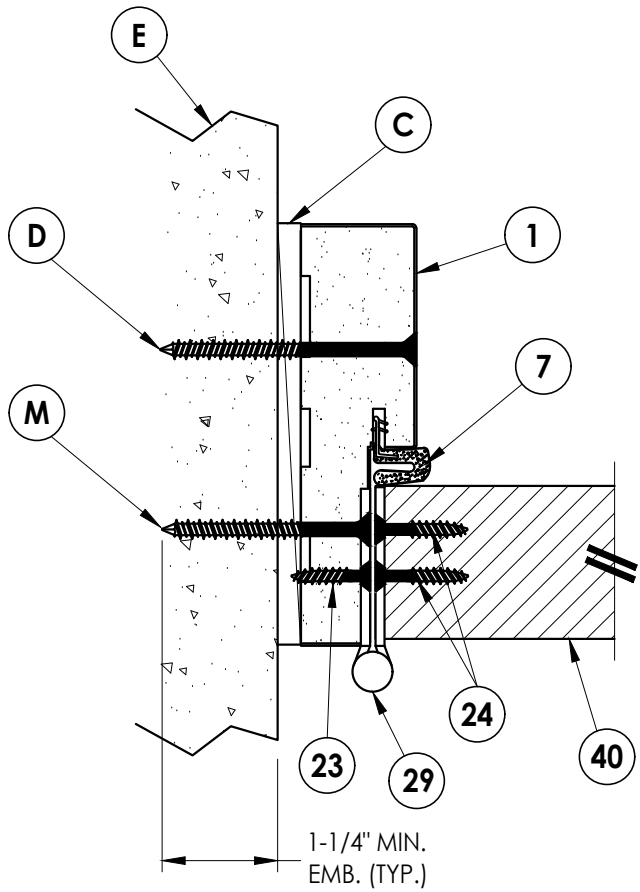
DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:
FL-39254.5

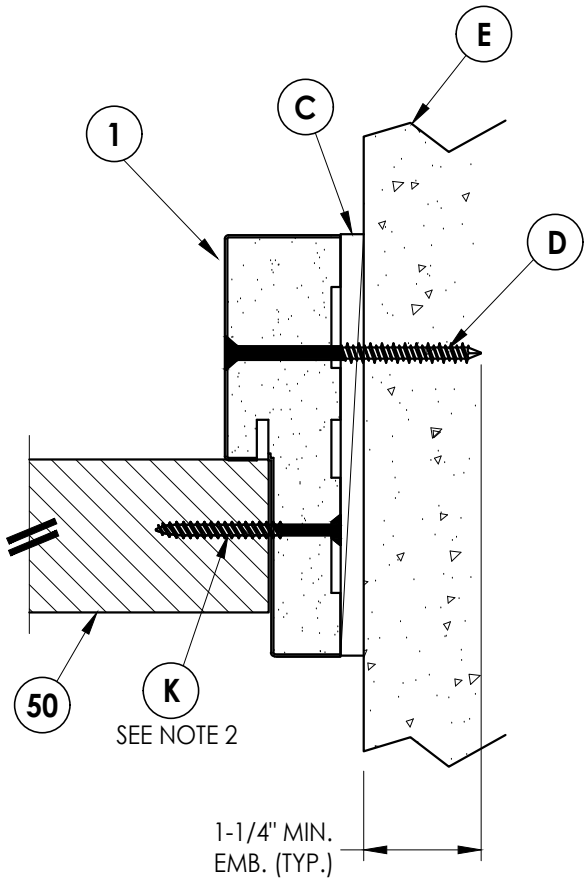
SHEET 6 OF 16

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

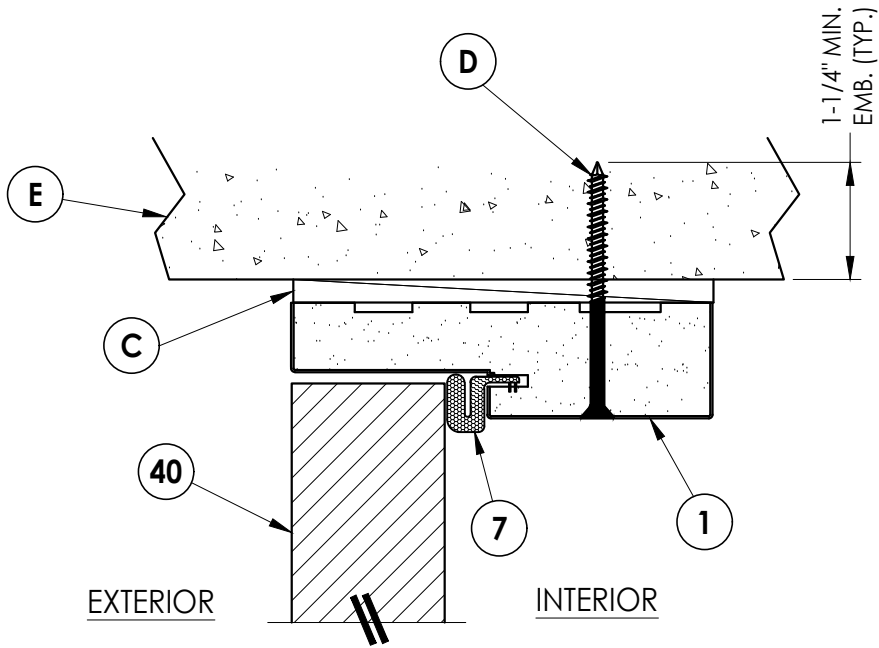
INTERIOR
EXTERIOR



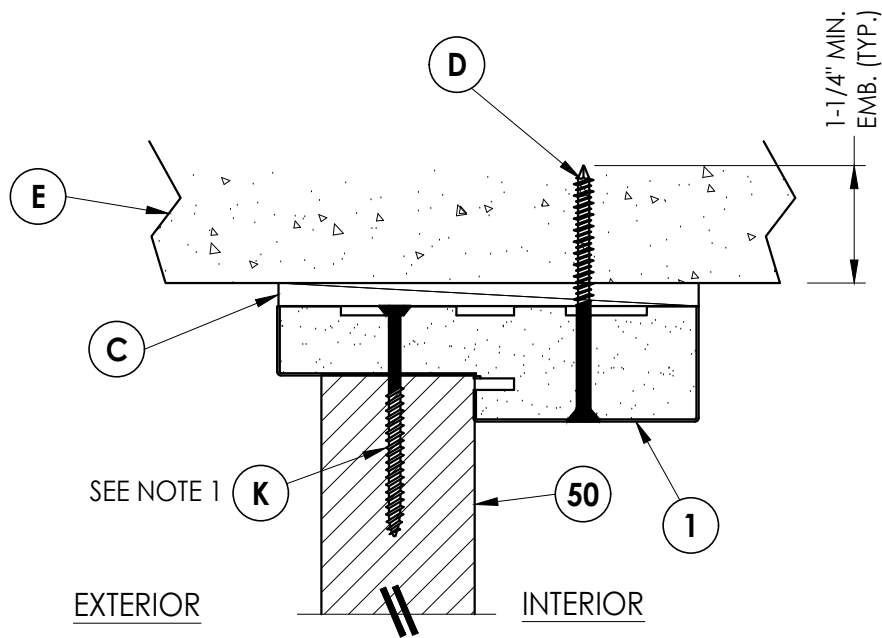
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

SEE NOTE 2

1-1/4" MIN.
EMB. (TYP.)



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)

SEE NOTE 1

1-1/4" MIN.
EMB. (TYP.)

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 5 more equally spaced (7 total).

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 CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	LFS	BY
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC		

DATE: 3/29/22

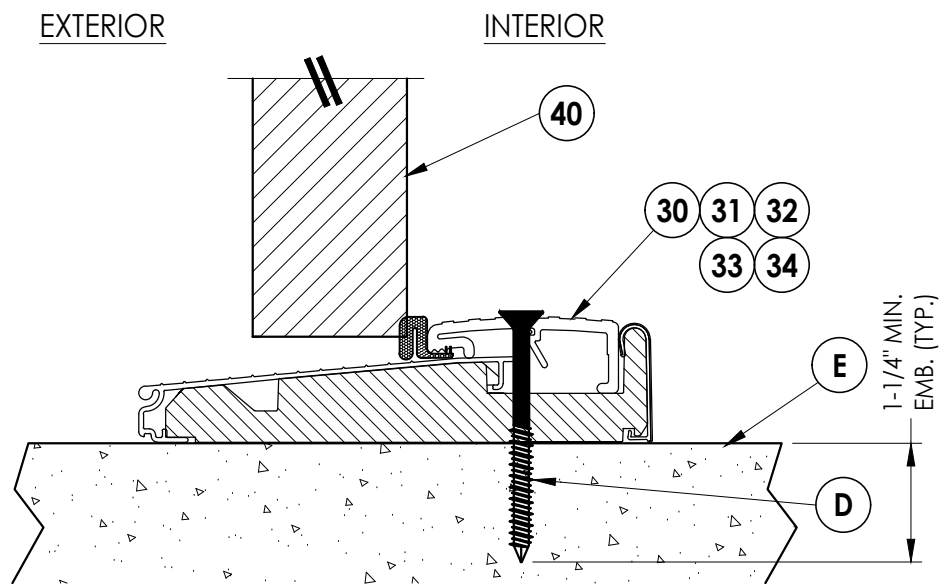
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-39254.5

SHEET 8 OF 16



1 **VERTICAL CROSS SECTION**
9 Outswing configuration

2 **VERTICAL CROSS SECTION**
9 ADA Threshold

3 **VERTICAL CROSS SECTION**
9 Inswing configuration

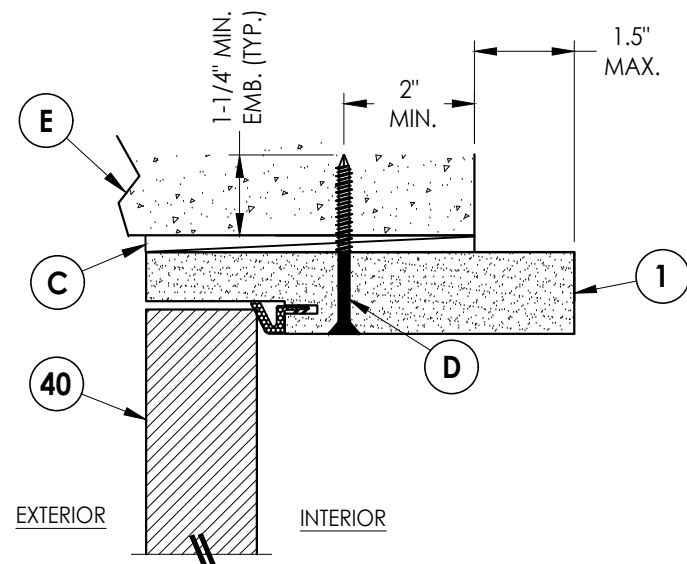
4 **VERTICAL CROSS SECTION**
9 Outswing configuration

5 **VERTICAL CROSS SECTION**
9 Inswing configuration

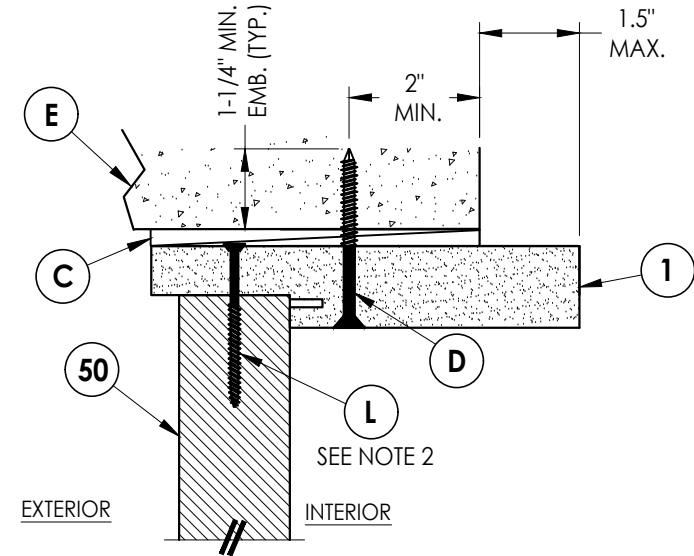
NOTE:

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

PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DATE: 3/29/22		1 8/10/23 UPDATE TO 8TH ED. (2023) FBC		LFS	
SCALE: N.T.S.		NO. DATE		BY	
DWG. BY: RW		REVISIONS		LFS	
CHK. BY:		DRAWING NO.:		FL-39254.5	
SHEET 9 OF 16		DOCUMENTS PREPARED BY:		Lyndon F. Schmidt P.E. No. 43409	



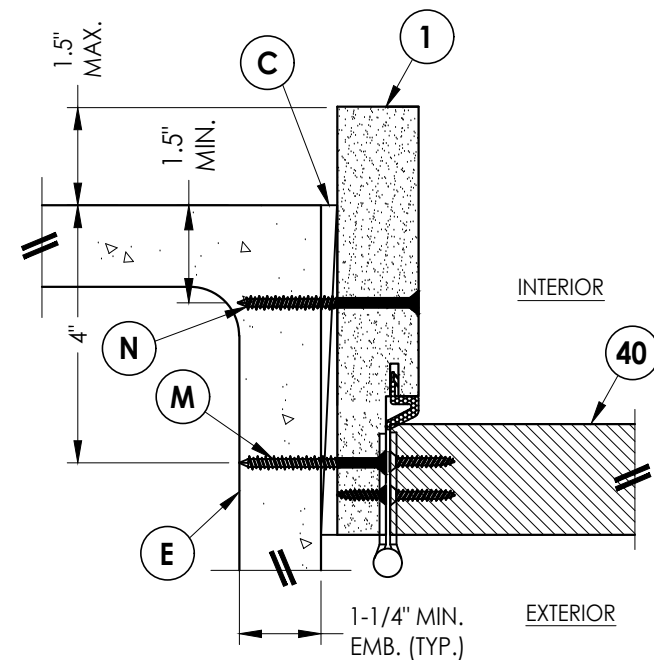
3 **VERTICAL CROSS SECTION**
10 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

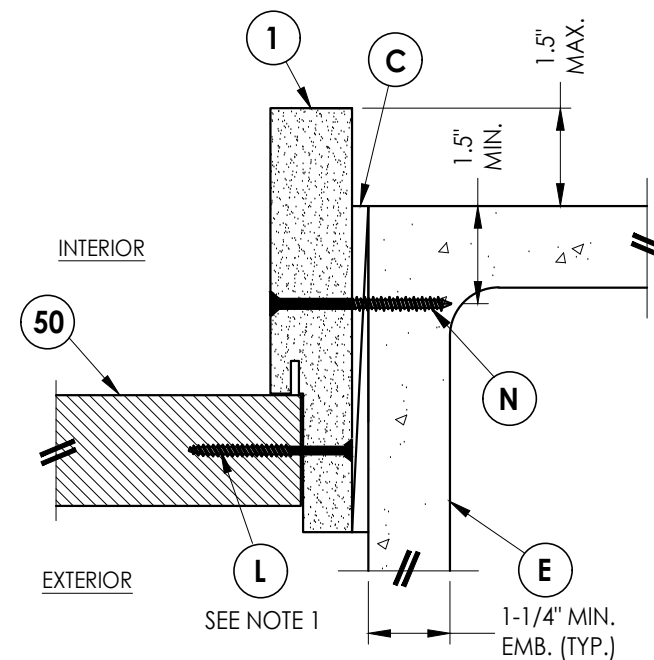
NOTES:

1. Spacing for item L: 6" from ends and 5 more equally spaced along sidelite (7 total).
2. Spacing for item L: 3" from each end.



1 10 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

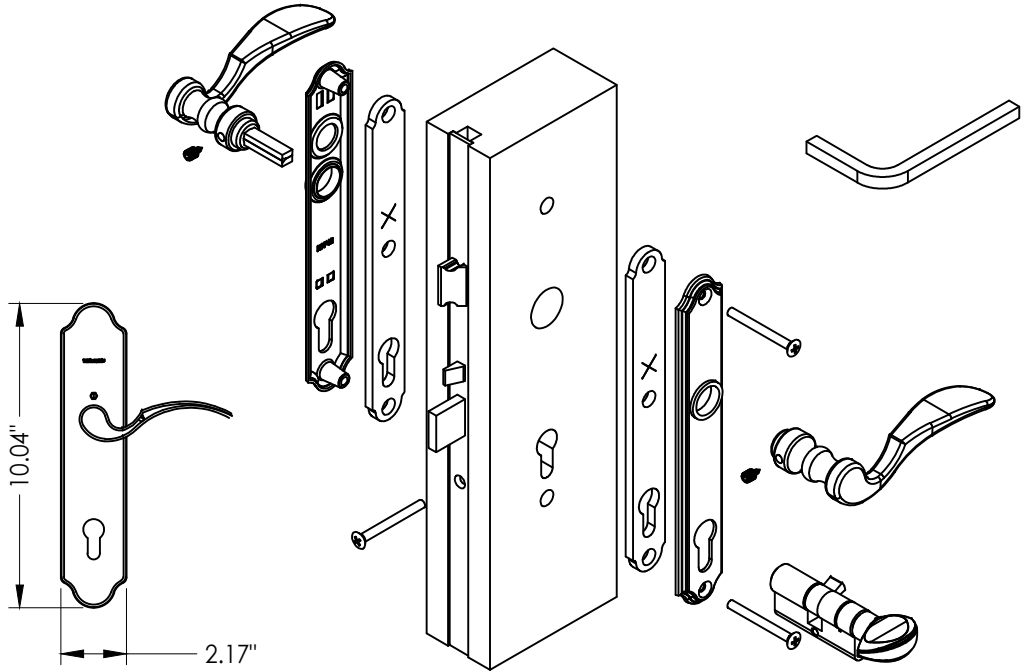
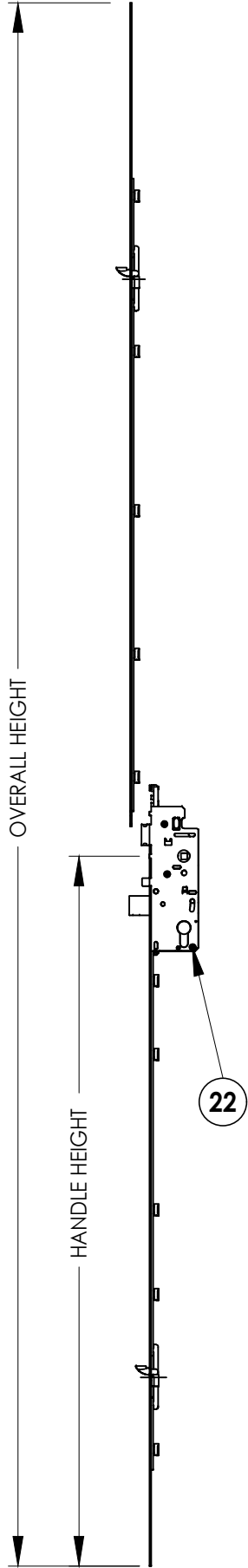


2 **HORIZONTAL CROSS SECTION**
10 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

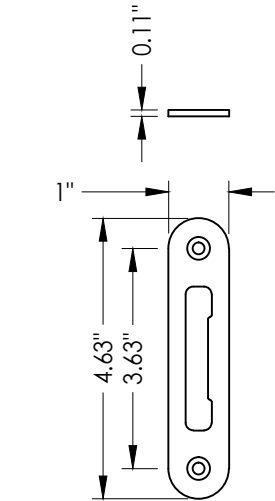
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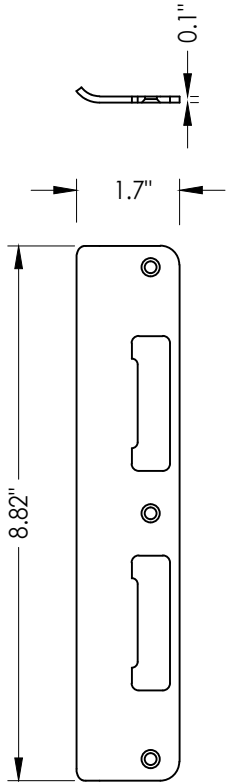
MANUAL RAISED TONGUE GEAR SYSTEM



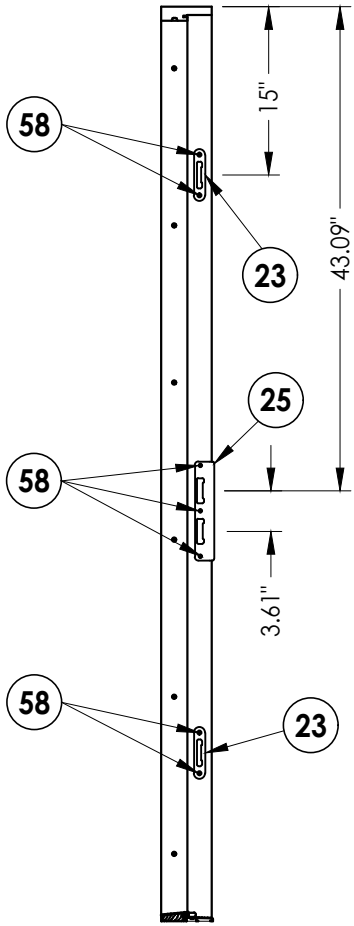
22 **HOPPE MULTIPOINT LOCKSET**
HLS9000 3-Point "Tongue"



23 **MULTIPOINT STRIKE PLATE**



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



STRIKE JAMB

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-39254.5

SHEET 11 OF 16

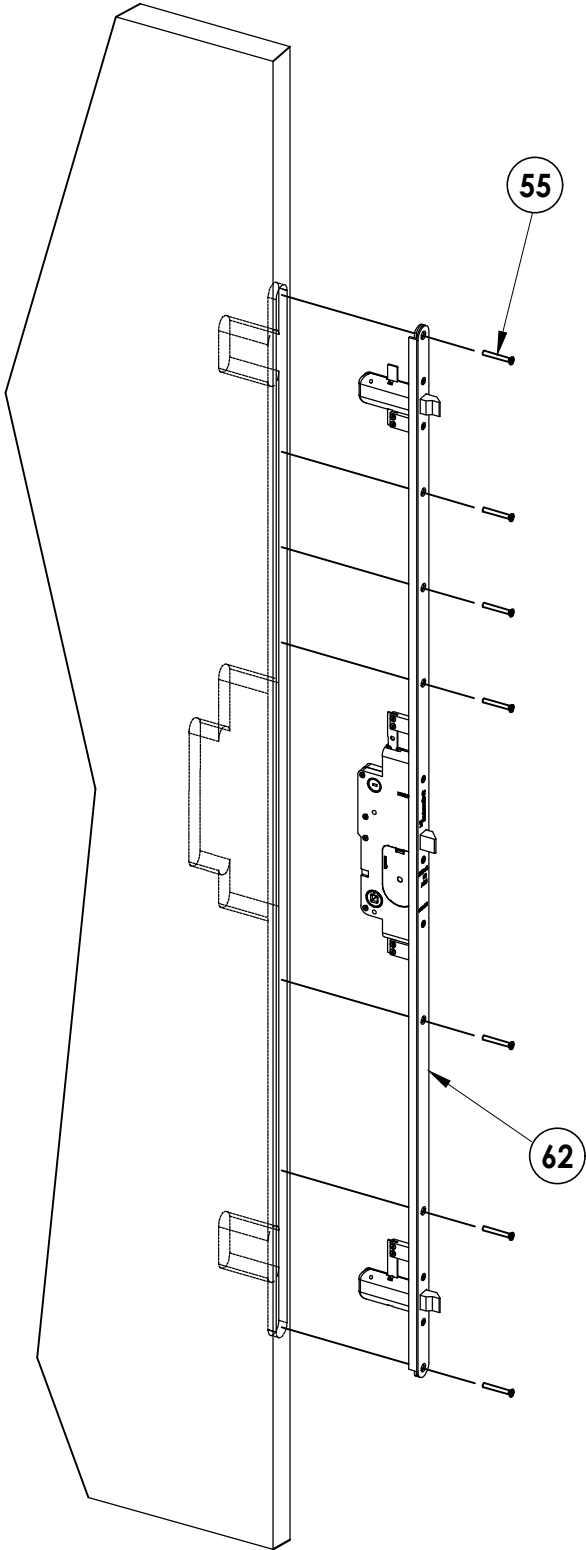
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: 3-POINT LOCK DETAILS

NO.	DATE	REVISIONS	
		DESCRIPTION	BY
1	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS

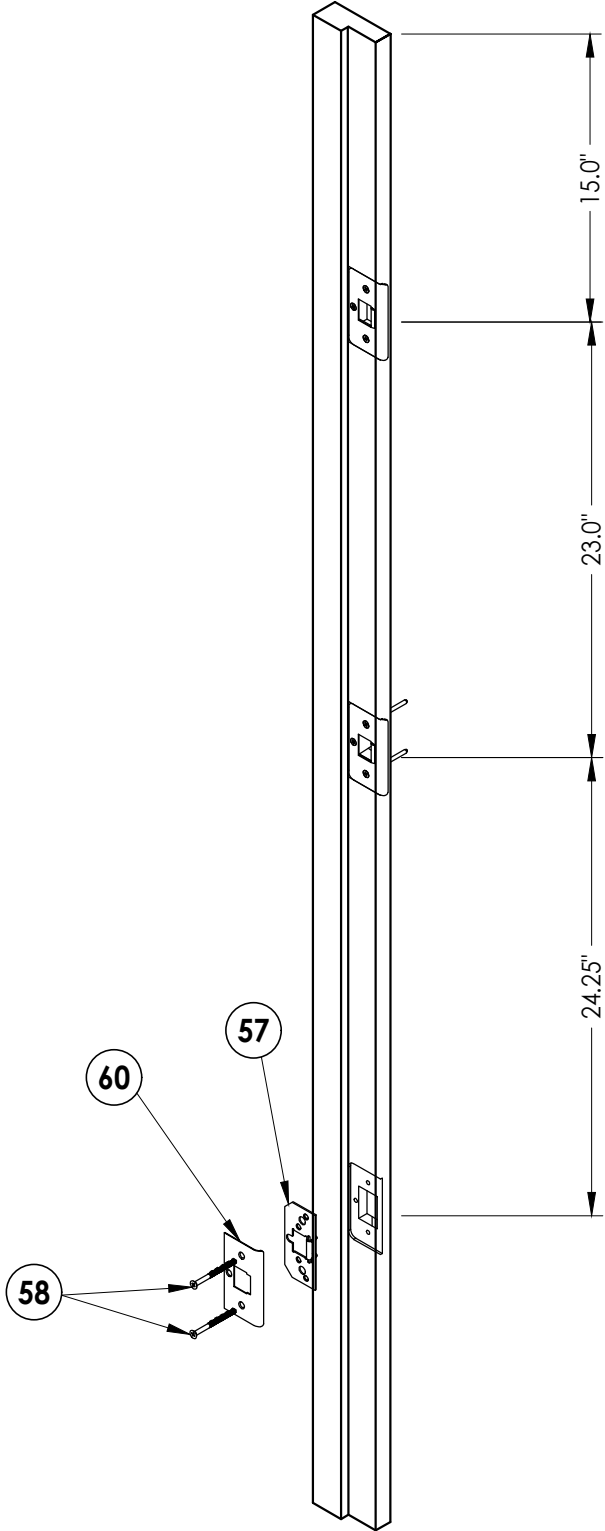
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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ENDURA TRILENNIUM 3000
3 pt. Lock



STRIKE JAMB DETAIL

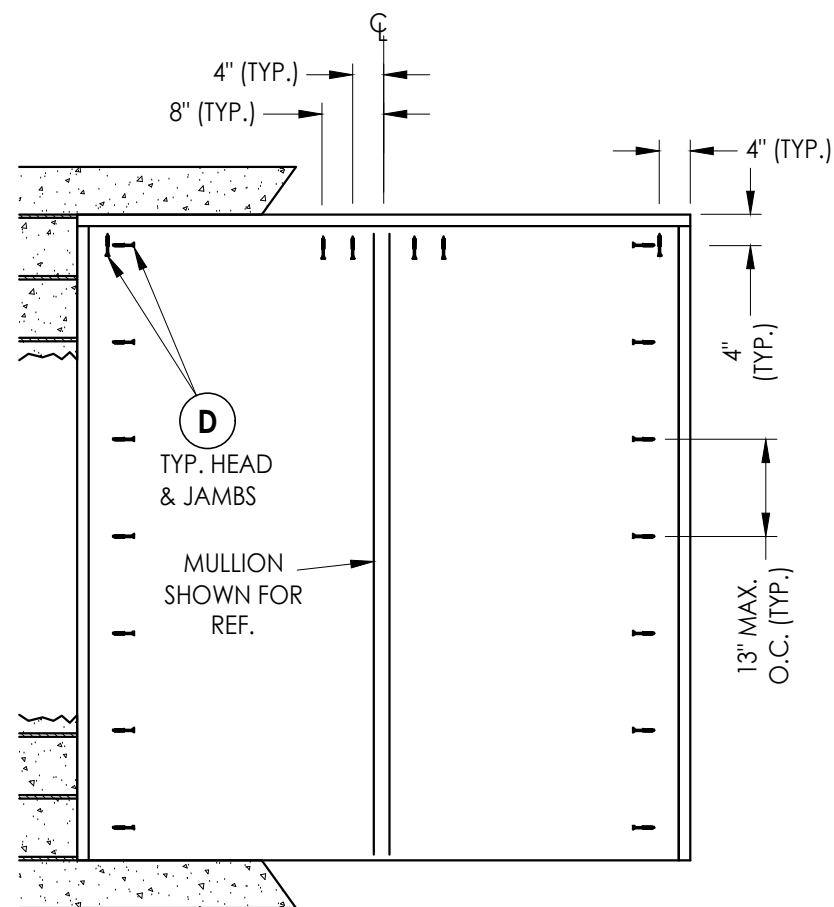
DATE:	3/29/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.5
SHEET	12 OF 16

1	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE			BY	

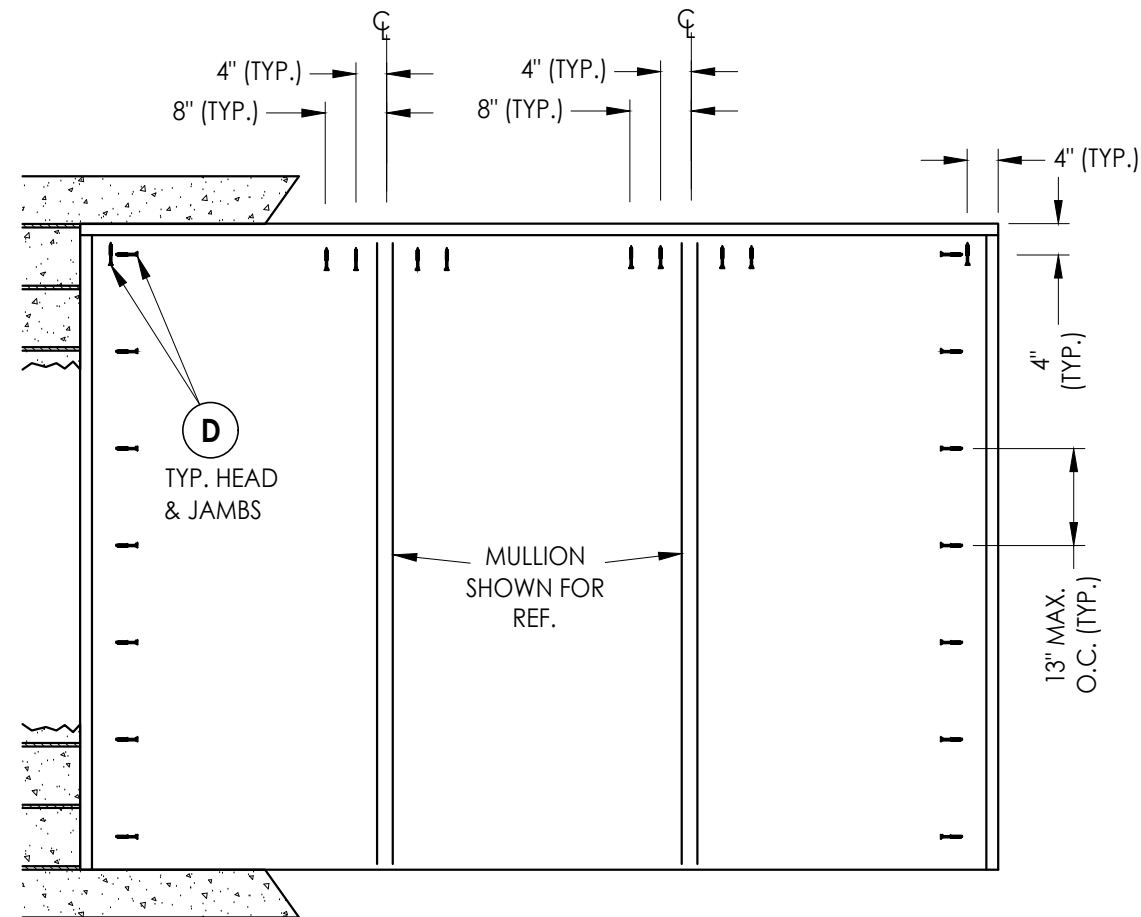
REVISIONS

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	3-POINT LOCK DETAILS

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



BUCK ANCHORING
OX



BUCK ANCHORING
OXO

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"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

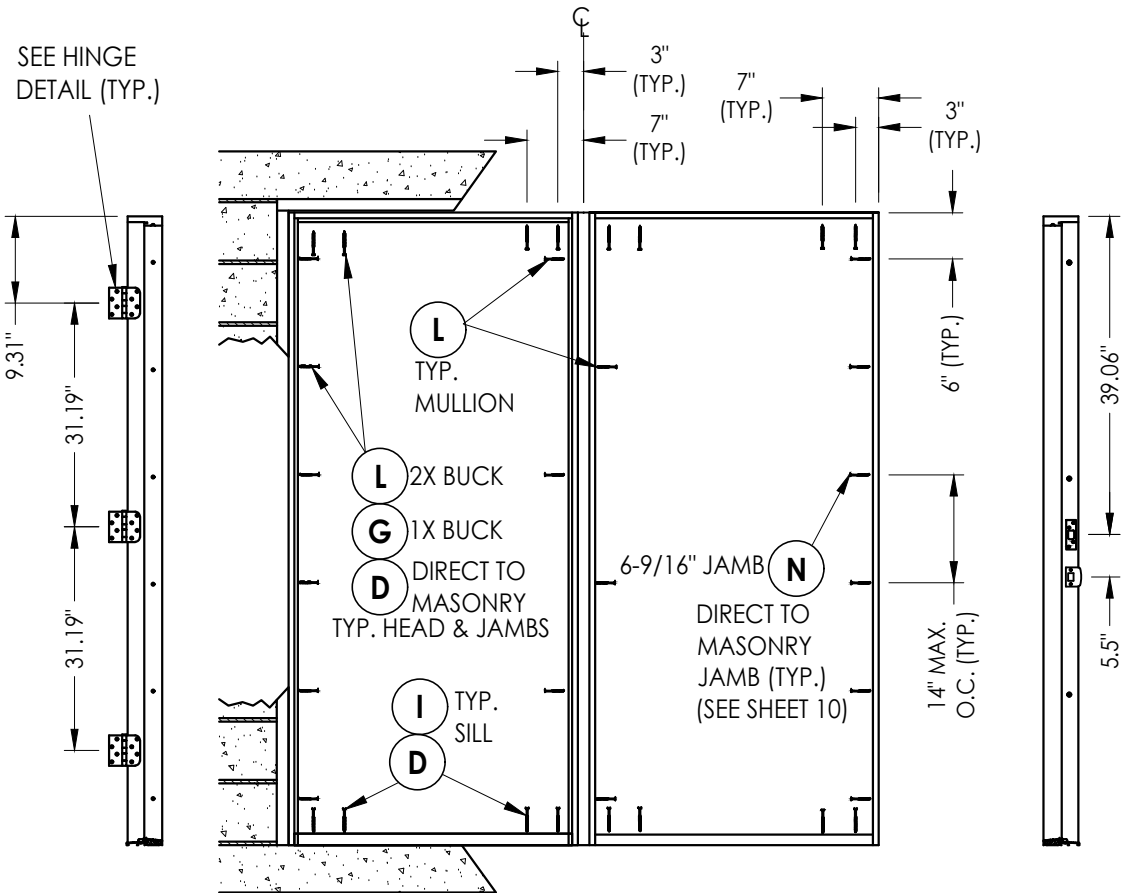
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DATE:	3/29/22
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-39254.5
SHEET	13 OF 16

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

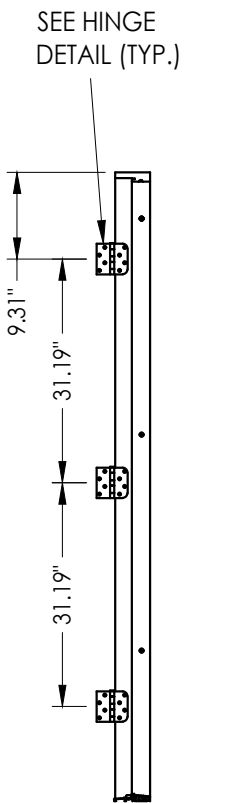
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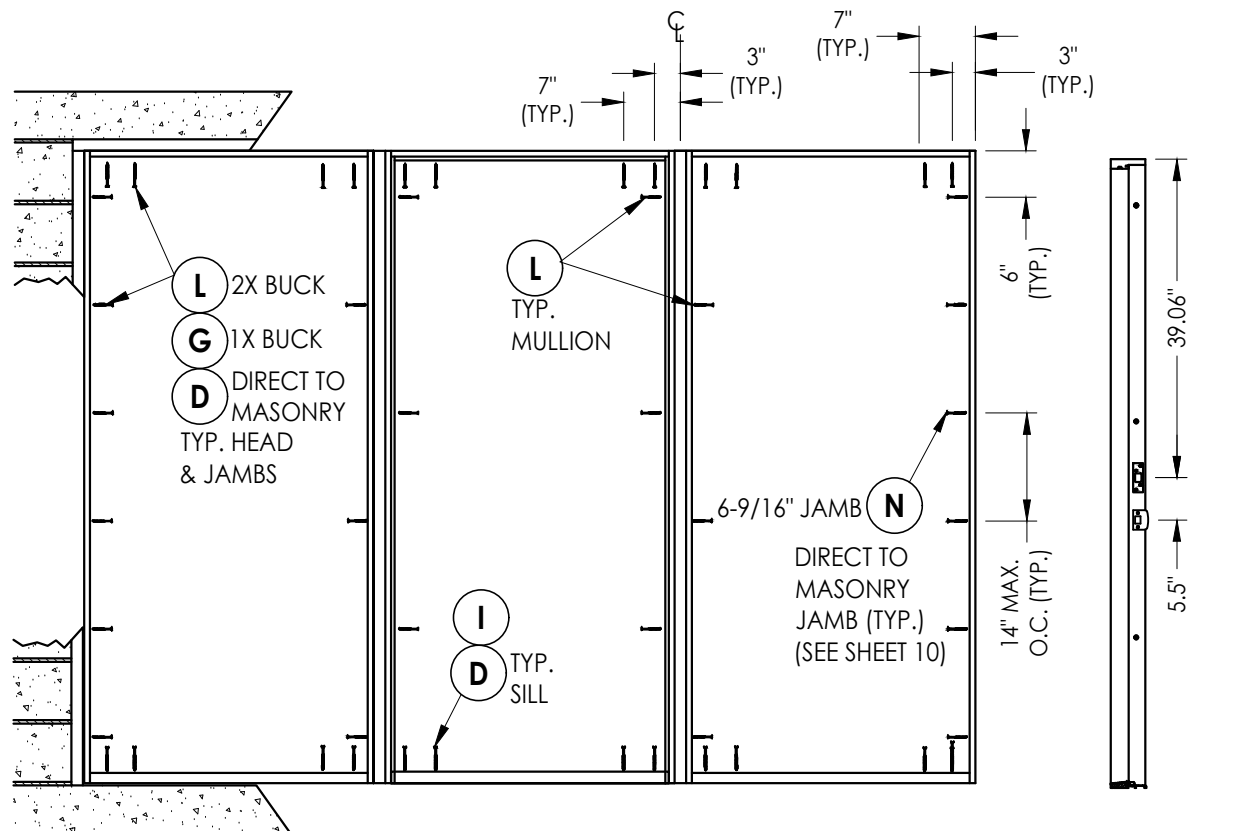
HINGE JAMB

FRAME ANCHORING
OX

STRIKE MULLION



HINGE MULLION



FRAME ANCHORING
OXO

STRIKE MULLION

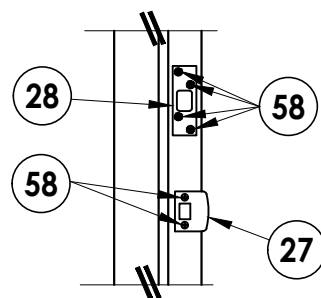
CONCRETE ANCHOR NOTES:

- 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:

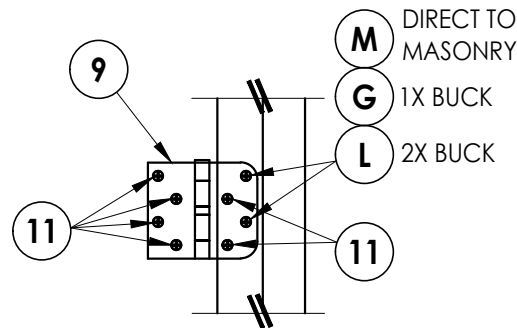
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRAACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

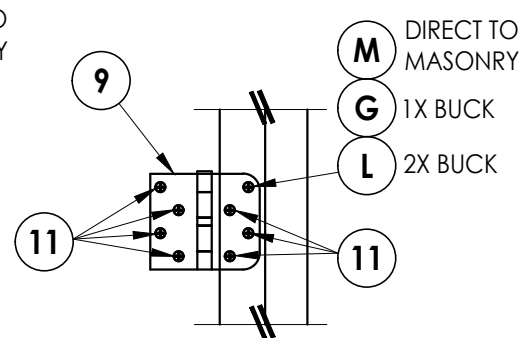
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Details



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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

PRODUCT: PLASTPRO 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:
FRAME ANCHORING

1 8/10/23 UPDATE TO 8TH ED. (2023) FBC LFS BY

REVISIONS

DATE: 3/29/22

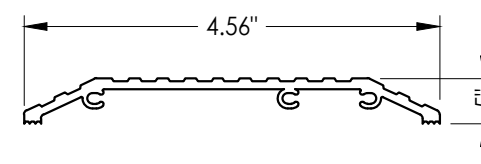
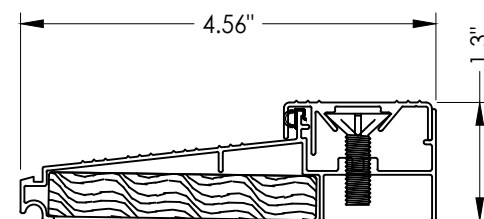
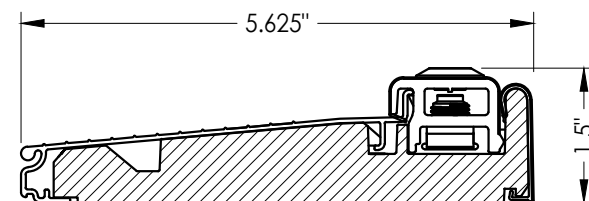
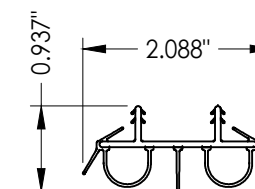
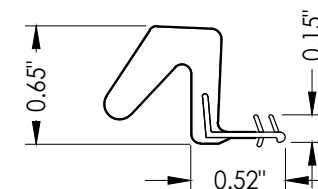
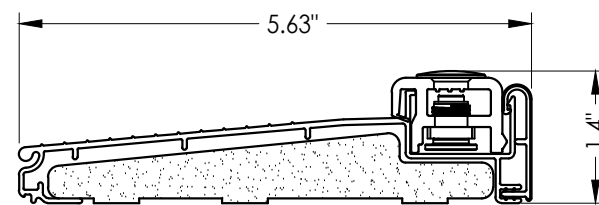
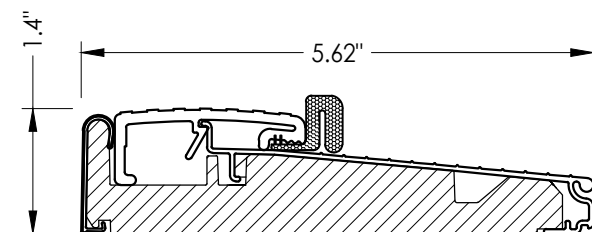
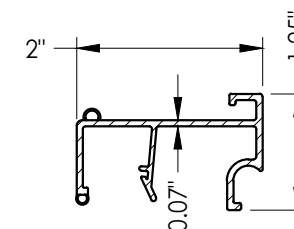
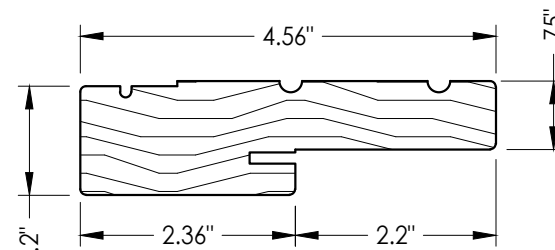
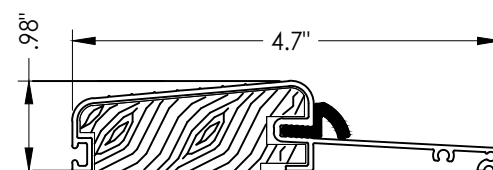
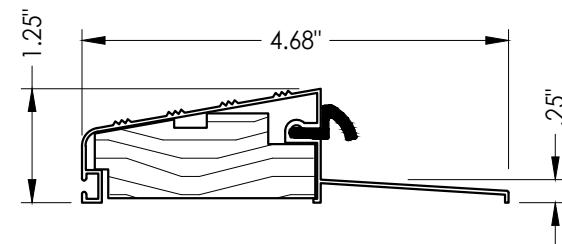
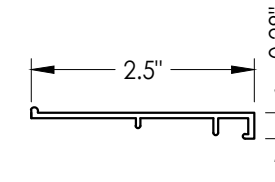
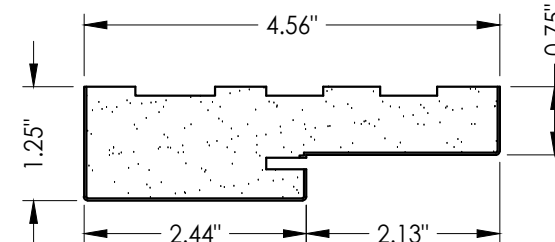
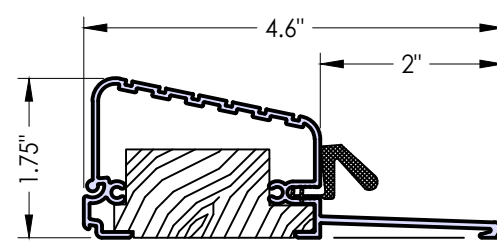
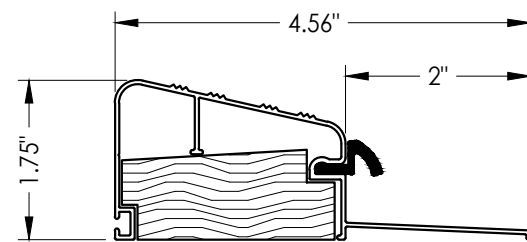
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-39254.5

SHEET 14 OF 16

[illegible]

DATE: 3/29/22

SCALE: N.T.S.

DWG. BY: *RW*

CHK. BY: *LFS*

DRAWING NO.:

FL-39254.5

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

RW

PLASTPRO INC.
FIBERGLASS DOOR

ASSEMBLY:

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
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
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 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
88	2X REINFORCEMENT SG >= 0.55	WOOD

DATE: 3/29/22		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-39254.5			
SHEET 16 OF 16		PART OR ASSEMBLY: BILL OF MATERIALS	

Documents Prepared By:
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