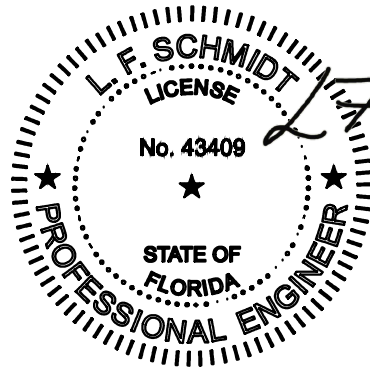
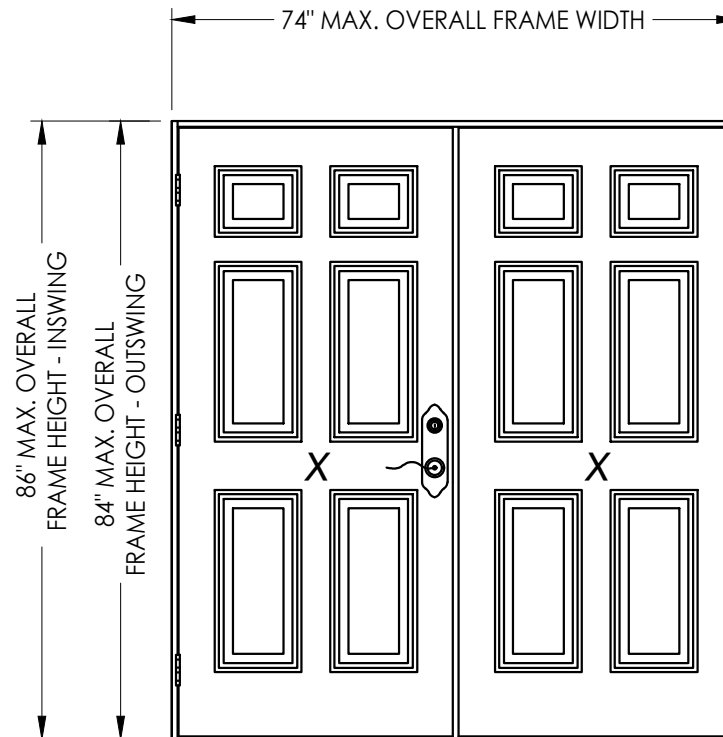




Digitally signed
by Lyndon F
Schmidt
Date: 2026.08.04
10:48:58 -04'00'

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.

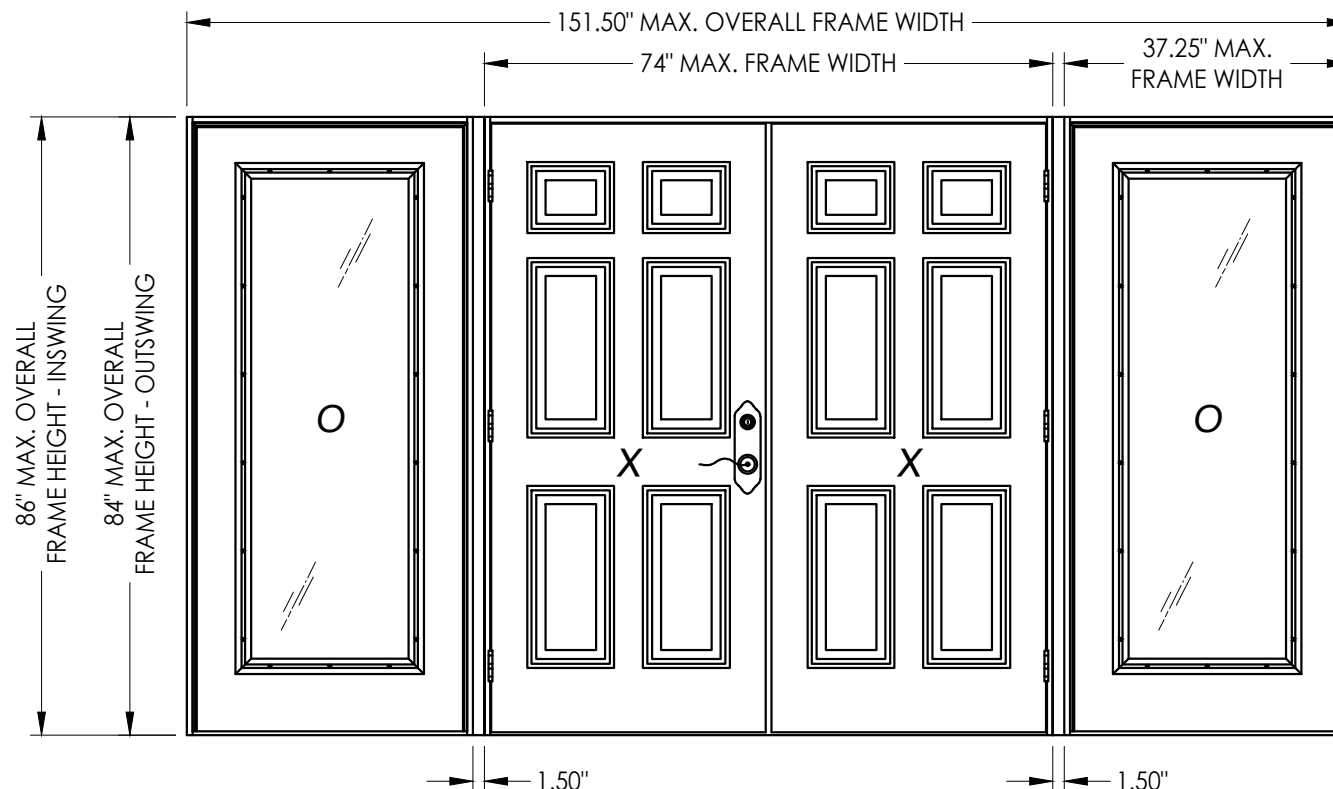
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



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

GENERAL NOTES

- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
			INSWING		OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 86.0"	20.63" x 62.63"	+50.0	-55.0	+50.0	-50.0
OXXO	151.5" x 86.0"	20.63" x 62.63"	+50.0	-55.0	+50.0	-50.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel & glazing details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck & frame anchoring (XX)
8	Buck anchoring (OXXO)
9	Frame anchoring (OXXO)
10	Astragal & multi-point lock details
11	Components
12	Bill of materials

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

PLASTPRO INC.
FIBERGLASS DOOR

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

67/02/26UPDATE TO 9TH ED. (2026) FBCLFS

58/23/23UPDATE TO 8TH ED. (2023) FBCLFS

48/05/20UPDATE TO 7TH ED. (2020) FBCDAC

NO. DATE

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

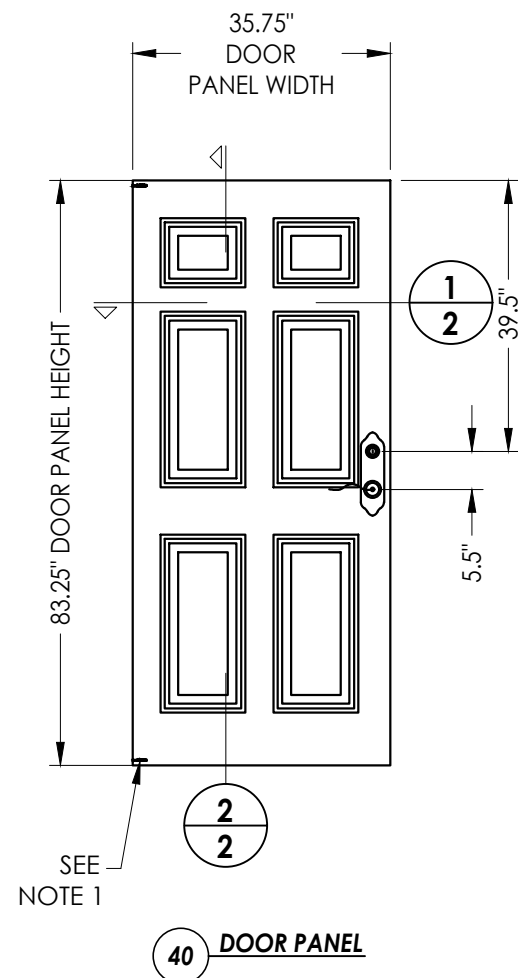
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DRAWING NO.: FL-17184.18

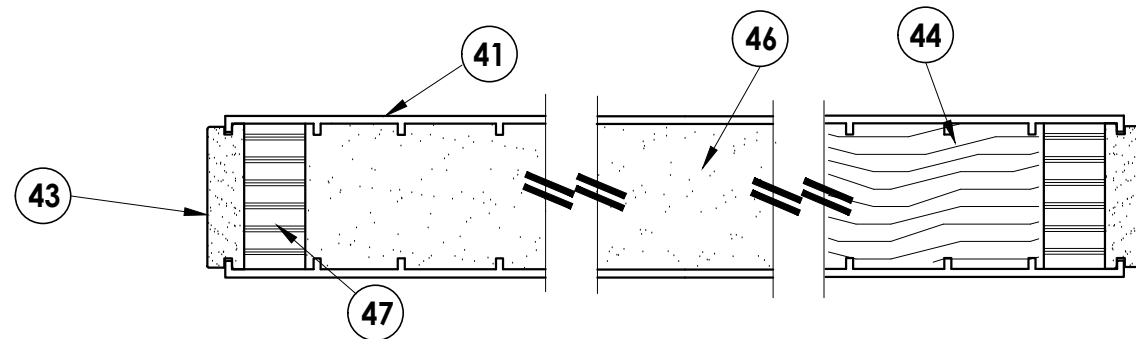
SHEET 1 OF 12

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

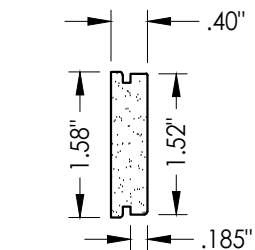
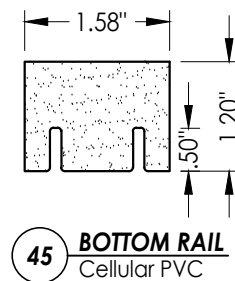
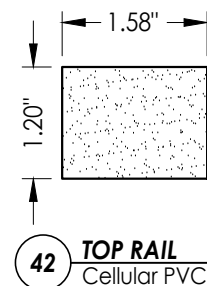
© 2014 R.W. BUILDING CONSULTANTS INC.



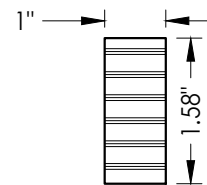
NOTE 1:
1. #8 X 2" PFH WOOD SCREW THROUGH HINGE CAP
INTO TOP AND BOTTOM RAILS FOR D.P. > 47 PSF.



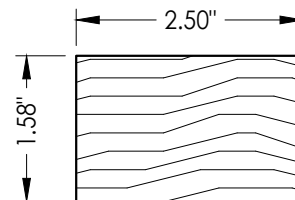
1 HORIZONTAL CROSS SECTION



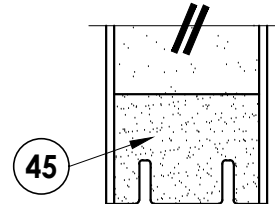
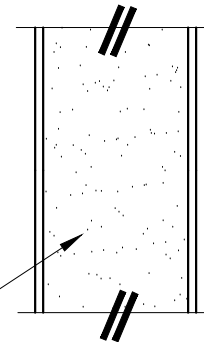
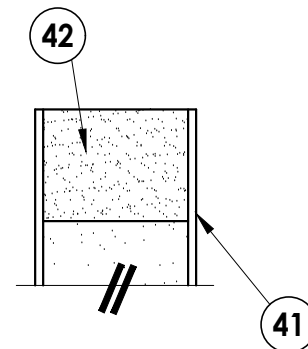
43 LATCH & HINGE STILE
Cellular PVC



47 LATCH & HINGE STILE Reinforcement



44 **LOCK BLOCK**
Reinforcement



2 VERTICAL CROSS SECTION
2

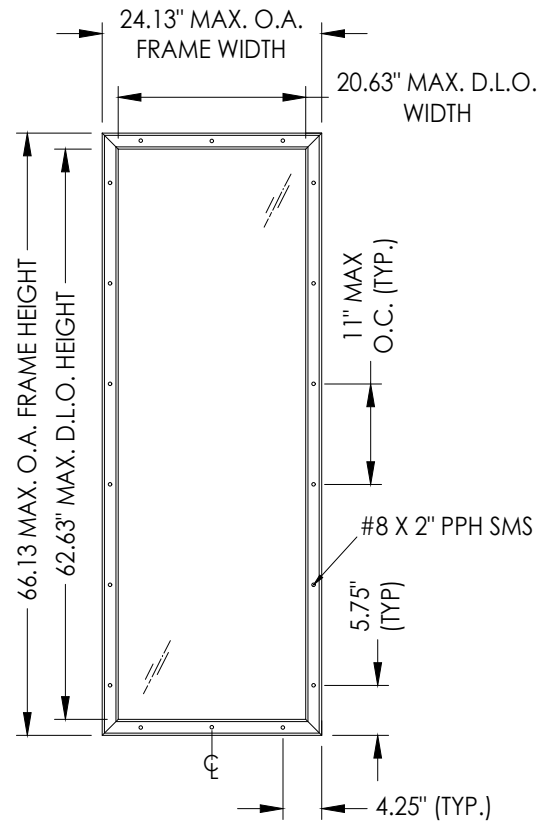
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DATE:	8/25/14
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-17184.18
SHEET	<u>2</u> OF <u>12</u>

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

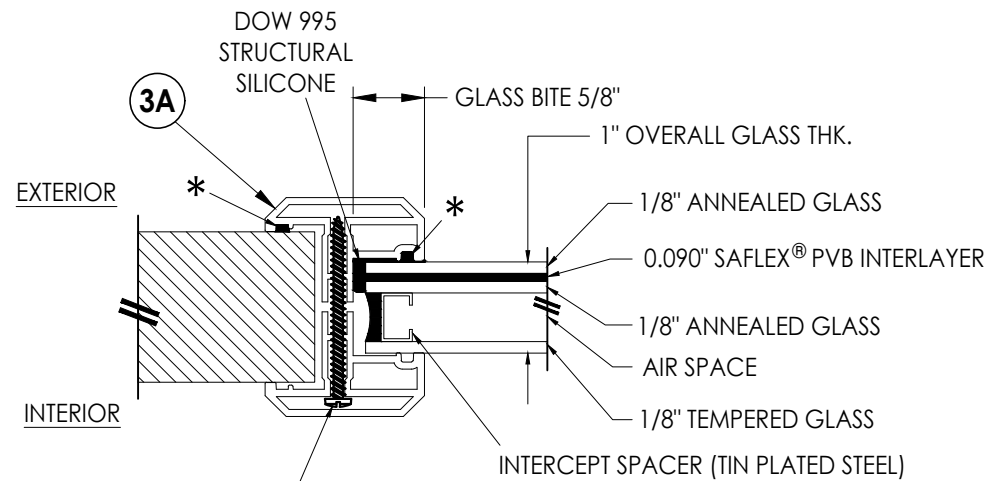
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Technical drawing of the Sidelite Panel. The drawing shows a rectangular panel with a central rectangular opening. The overall dimensions are 35.75" MAX. PANEL WIDTH and 79.25" O.A. HEIGHT. The central opening is labeled with a circle containing '1' over '3'. The panel is labeled with a circle containing '2' over '3'. The panel is labeled with a circle containing '50' and the text 'SIDELITE PANEL'.



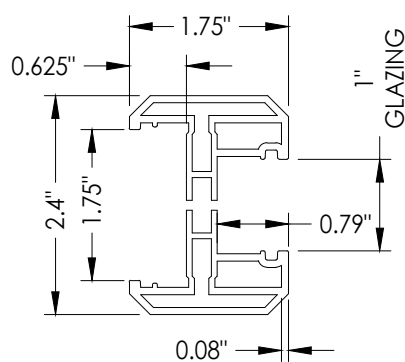
ODL LITE FRAME DETAIL

"FLAT FRAME" PROFILE

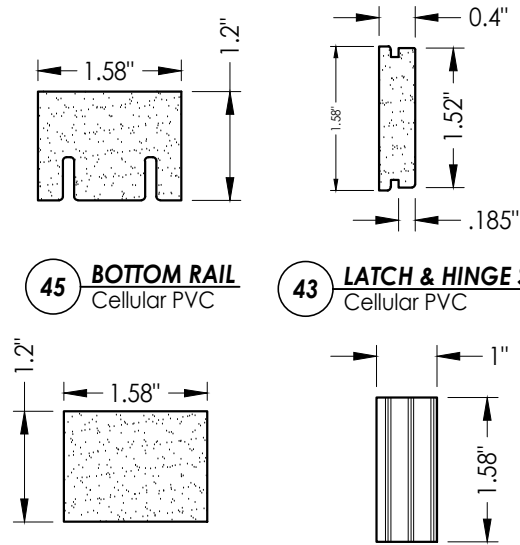


* NON-STRUCTURAL
BACKBEDDING SEALANT
(READI-SEAL)

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



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

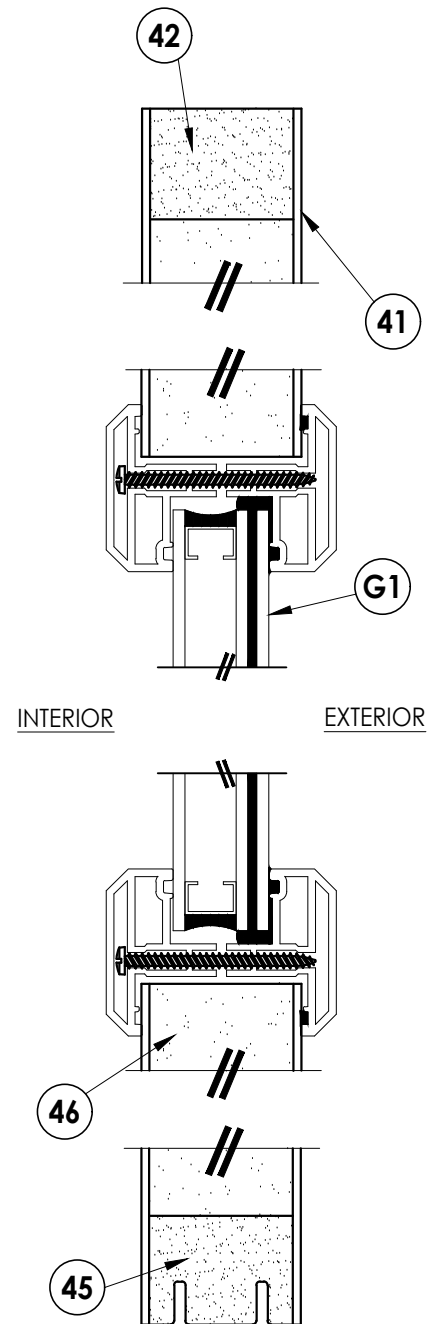


45 **BOTTOM RAIL**
Cellular PVC

43 LATCH & HINGE STILE
Cellular PVC

42 **TOP RAIL**
Cellular PVC

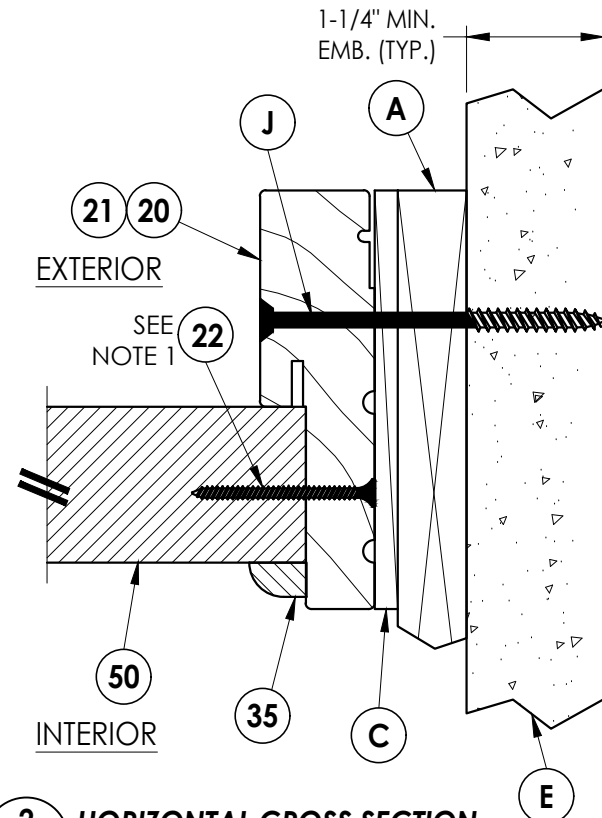
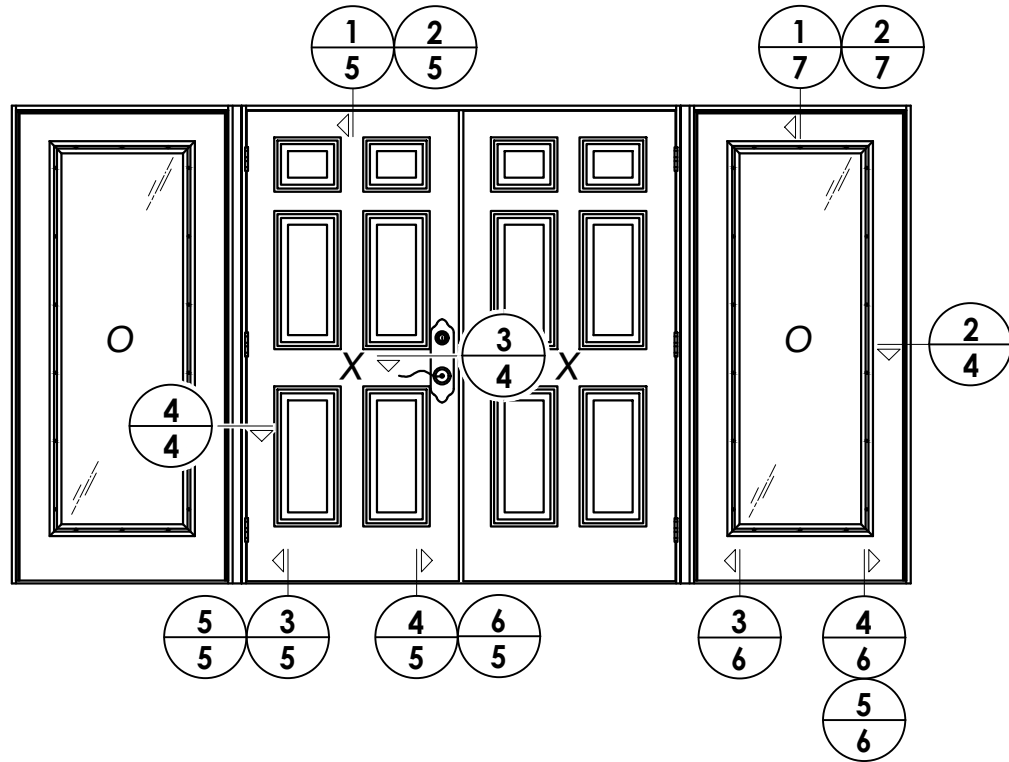
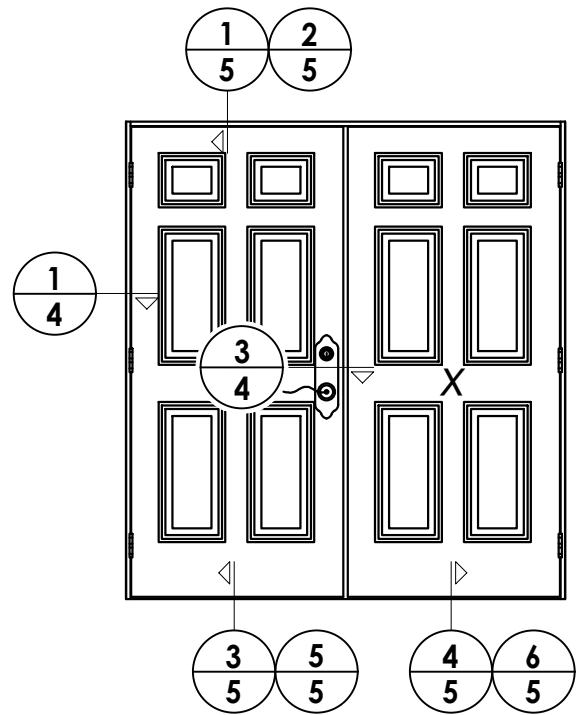
47 LATCH & HINGE STILE
Reinforcement



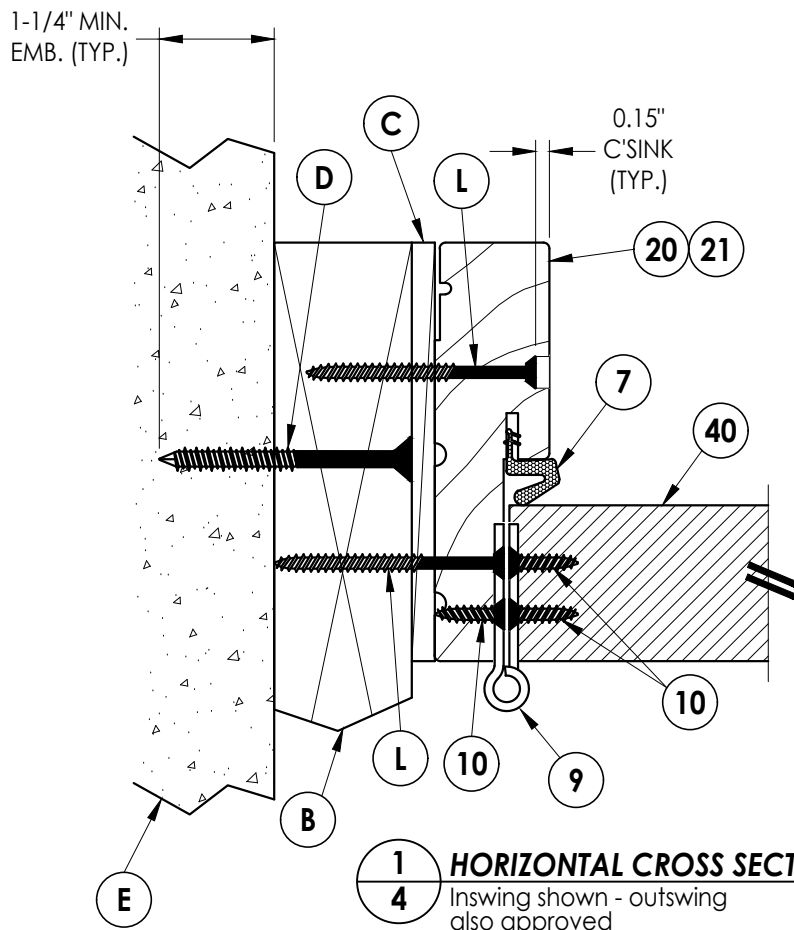
2 VERTICAL CROSS SECTION

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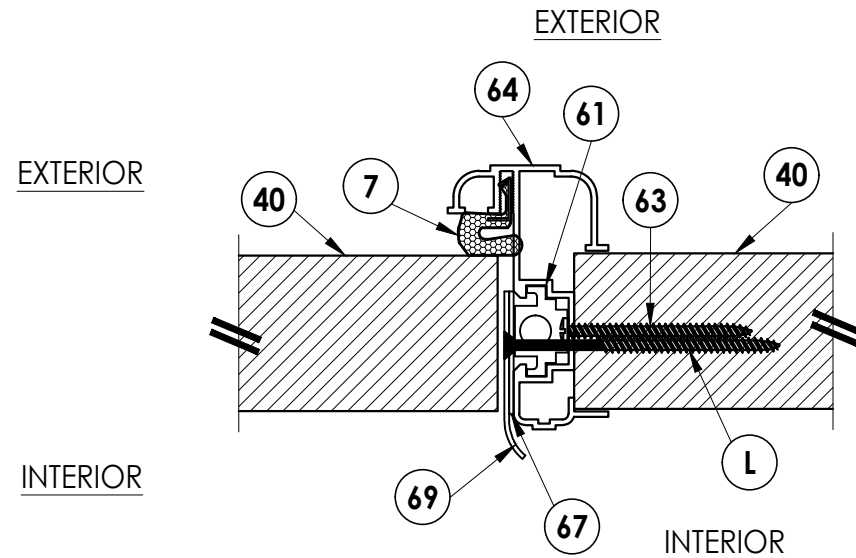
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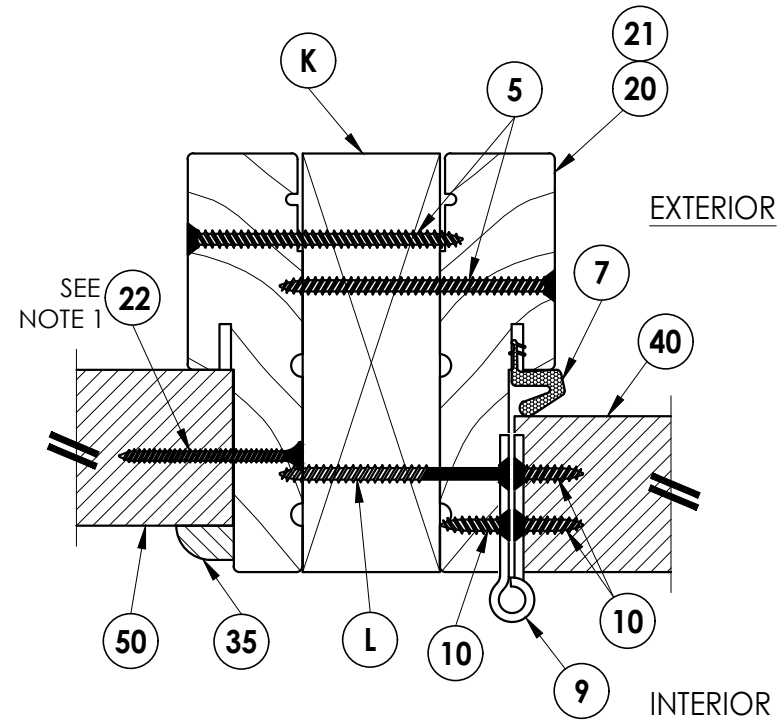
2/4 HORIZONTAL CROSS SECTION
Shown w/1X sub-buck



1/4 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved



3/4 HORIZONTAL CROSS SECTION



4/4 HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC

DATE: 8/25/14

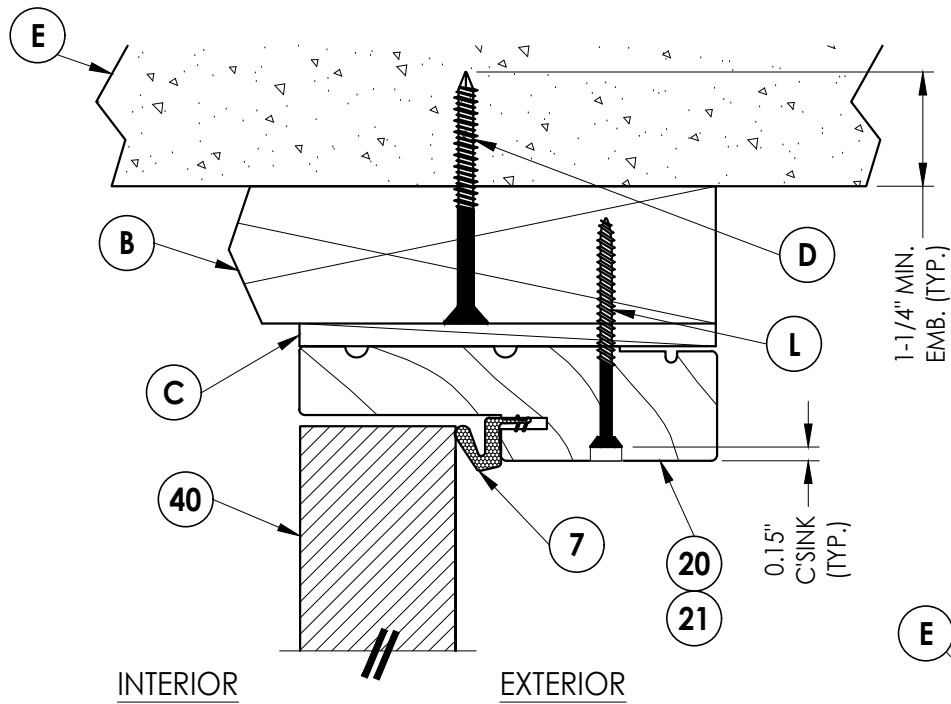
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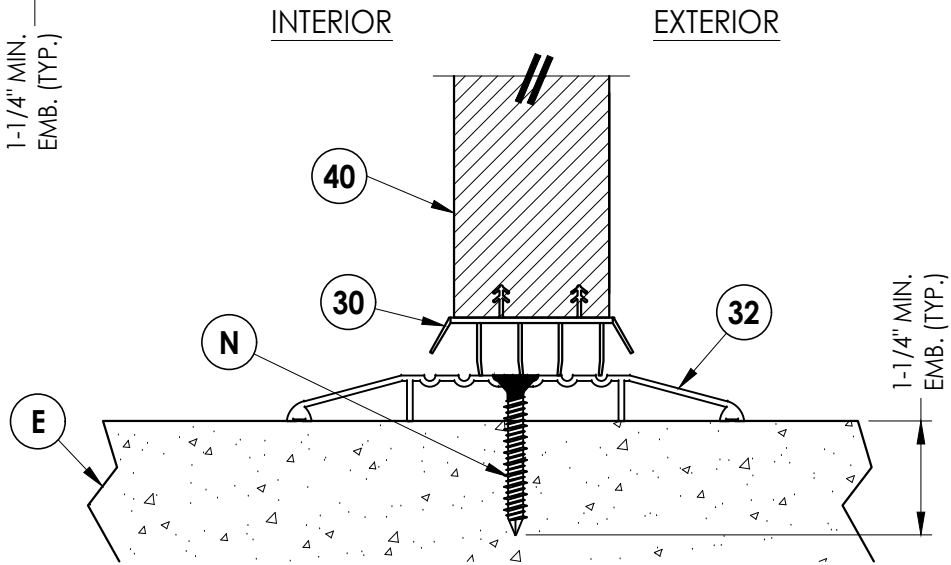
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DRAWING NO.:
FL-17184.18

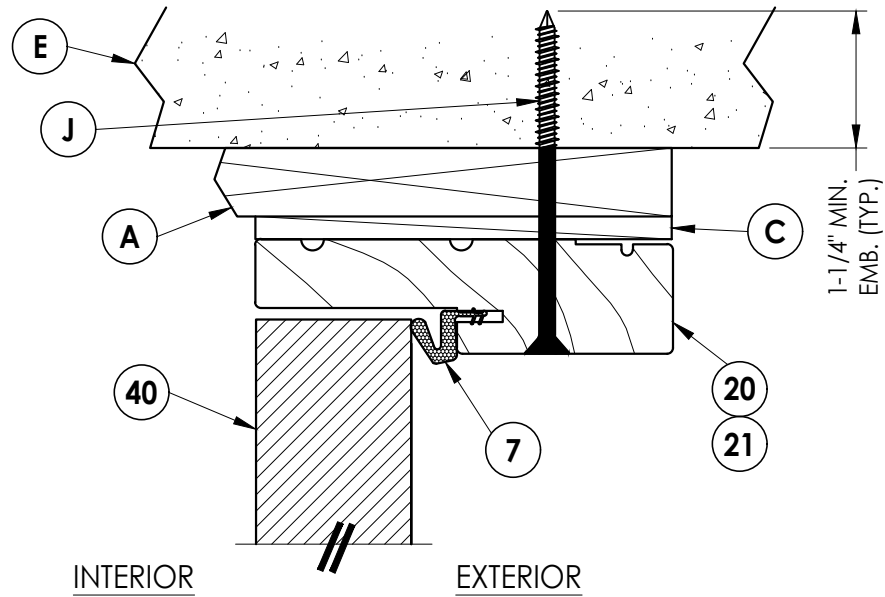
SHEET 4 OF 12



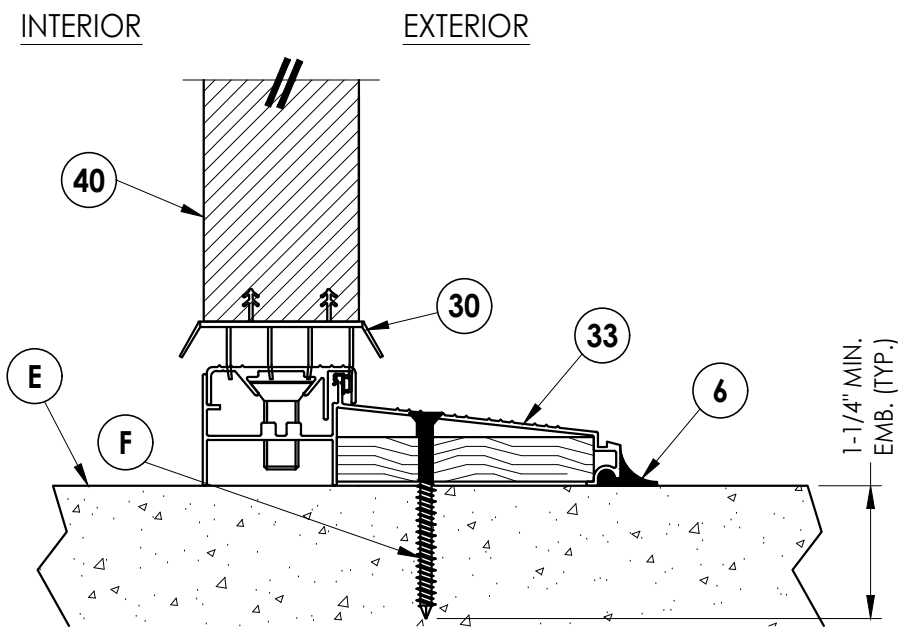
1
5 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



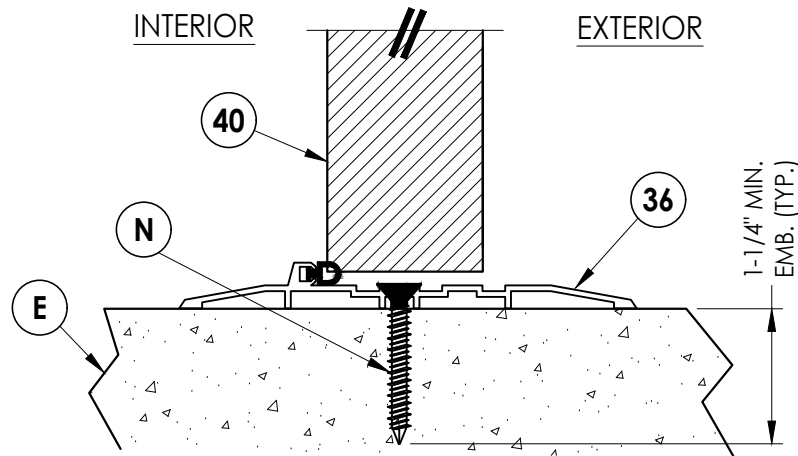
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5 **VERTICAL CROSS SECTION**
Shown w/ ADA threshold



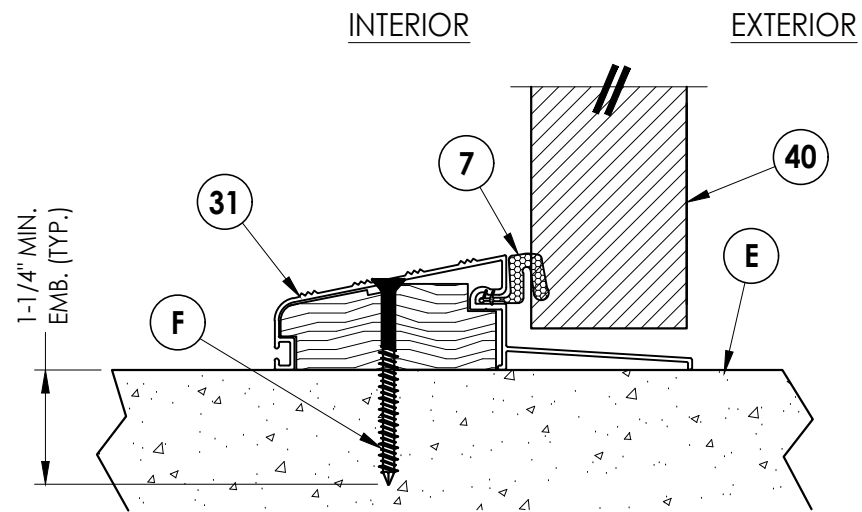
2
5 **VERTICAL CROSS SECTION**
Shown w/ TX sub-buck



3
5 **VERTICAL CROSS SECTION**
Inswing configuration



6
5 **VERTICAL CROSS SECTION**
Shown w/ O.S. ADA bump threshold



4
5 **VERTICAL CROSS SECTION**
Outswing configuration

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
NO.	DATE	BY

DATE: 8/25/14

SCALE: N.T.S.

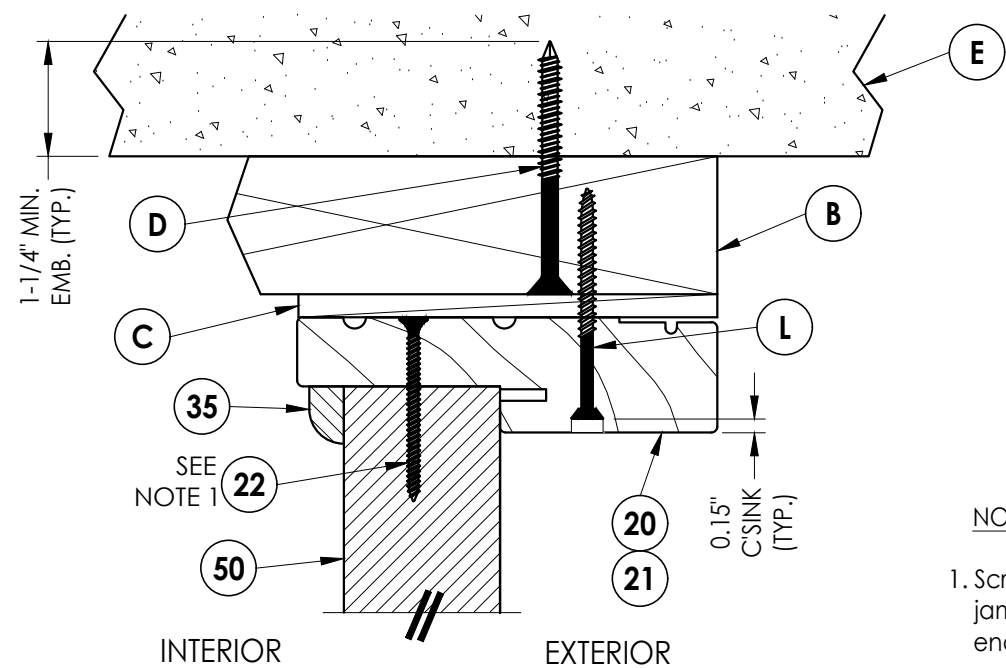
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CHK. BY: LFS

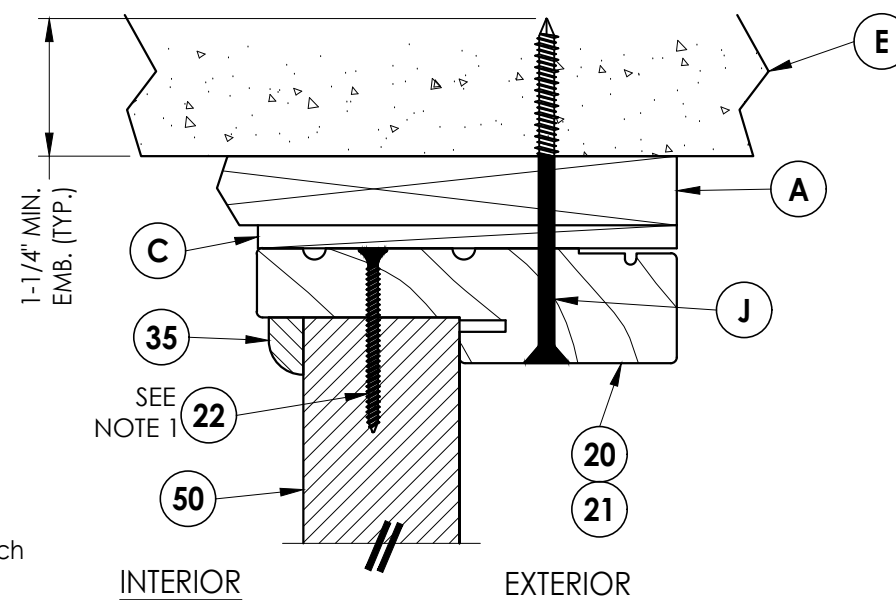
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FL-17184.18

SHEET 5 OF 12



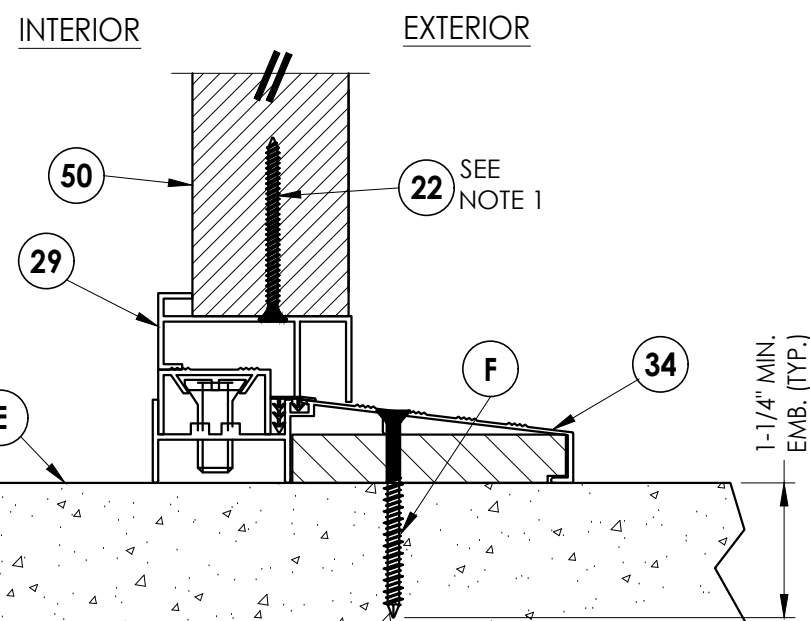
1 **VERTICAL CROSS SECTION**
6 Inswing shown - outswing
also approved



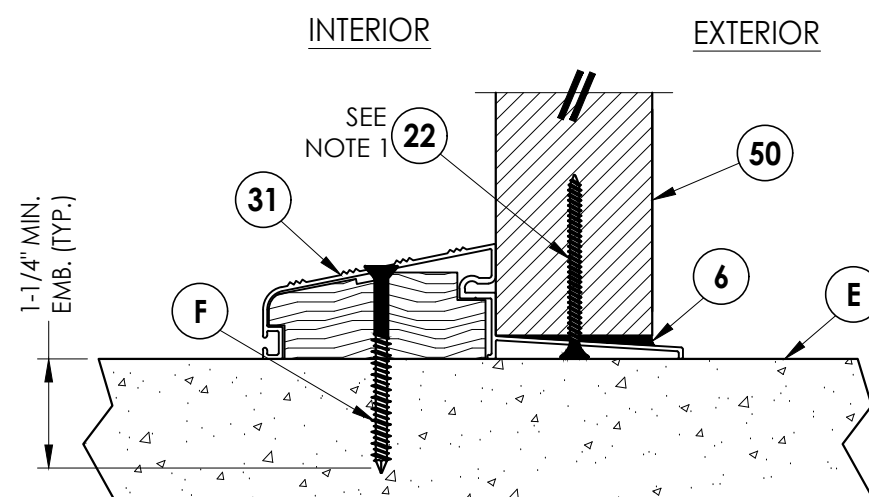
2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

NOTE:

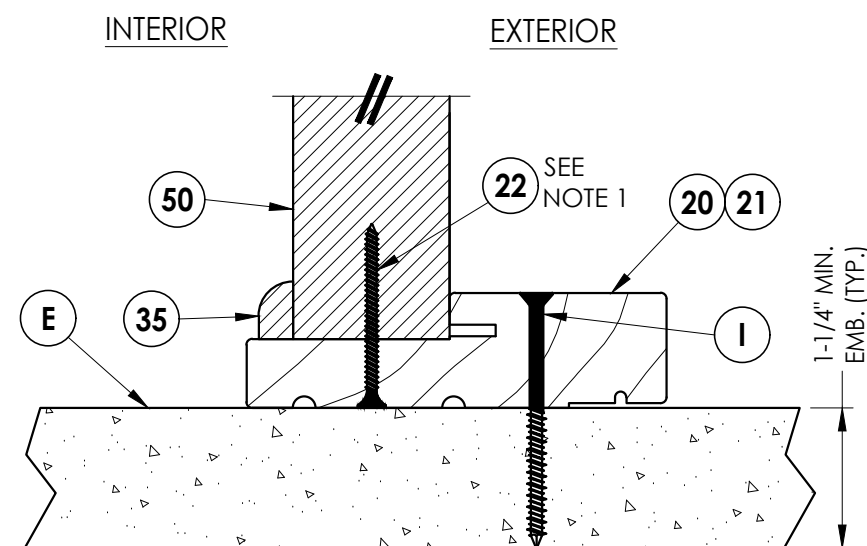
1. Screws thru head and sill jamb located 3" from each end and O.C. (TYP.) line.



3 **VERTICAL CROSS SECTION**
6 Inswing configuration



4 **VERTICAL CROSS SECTION**
6 Outswing configuration



5 VERTICAL CROSS SECTION

6 Outswing configuration

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:
VERTICAL CROSS SECTIONS

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC		
NO.	DATE			BY		
					REVISIONS	

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

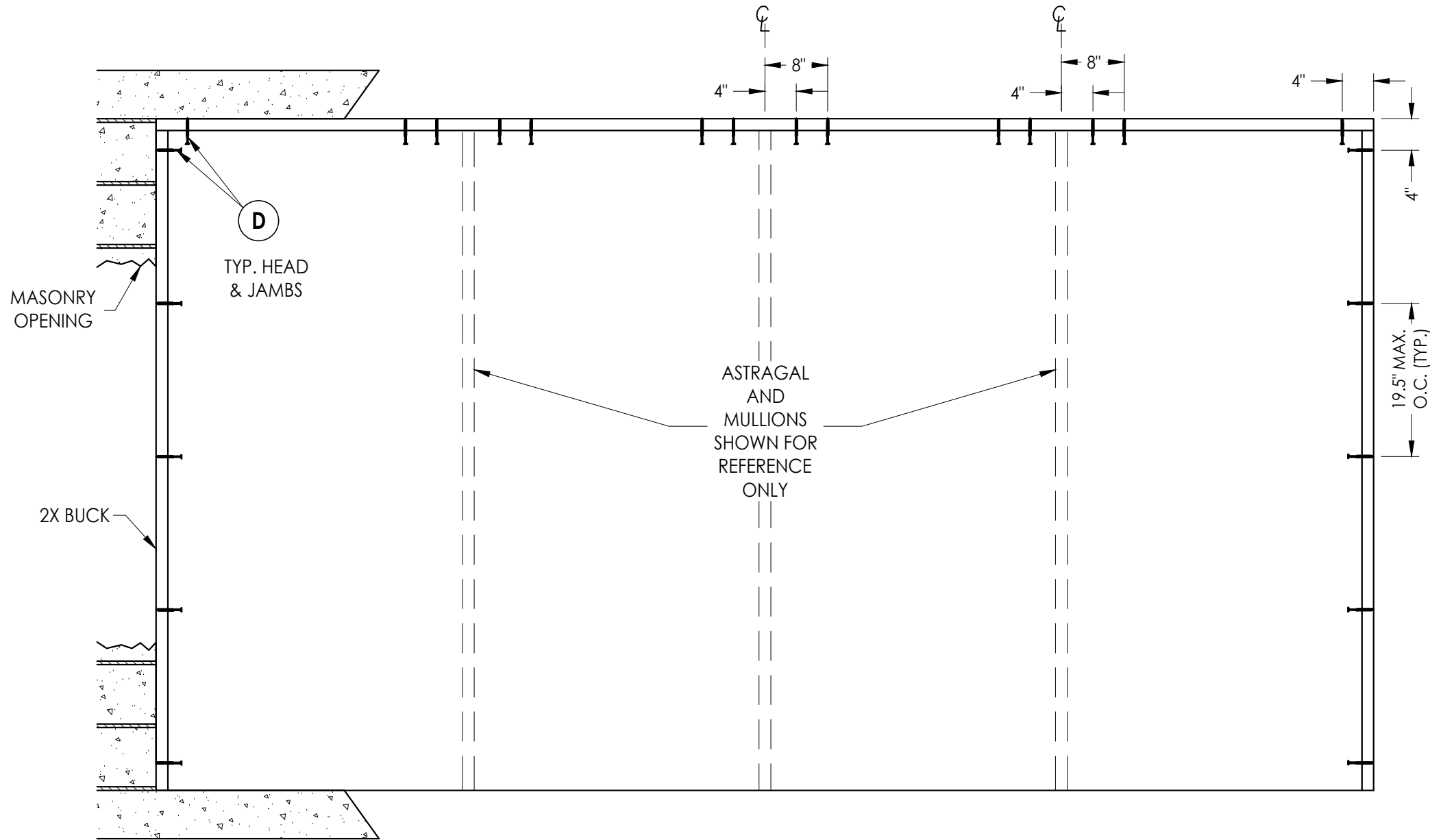
CHK. BY: LFS

DRAWING NO.:

FL-17184.18

SHEET 6 OF 12

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CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"

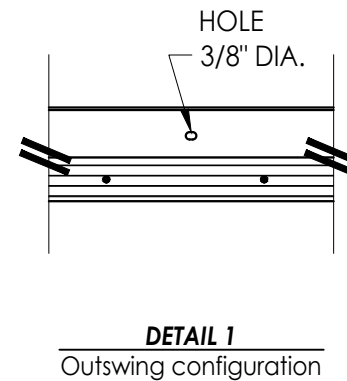
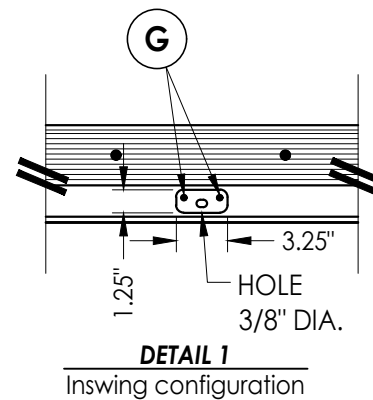
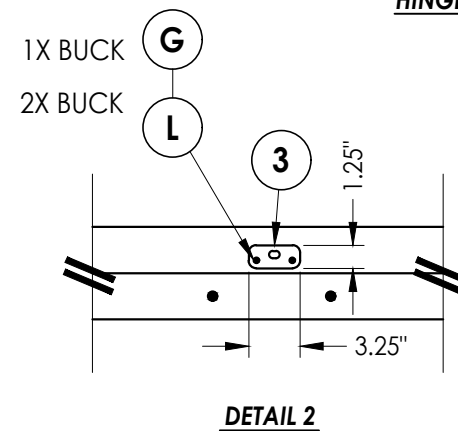
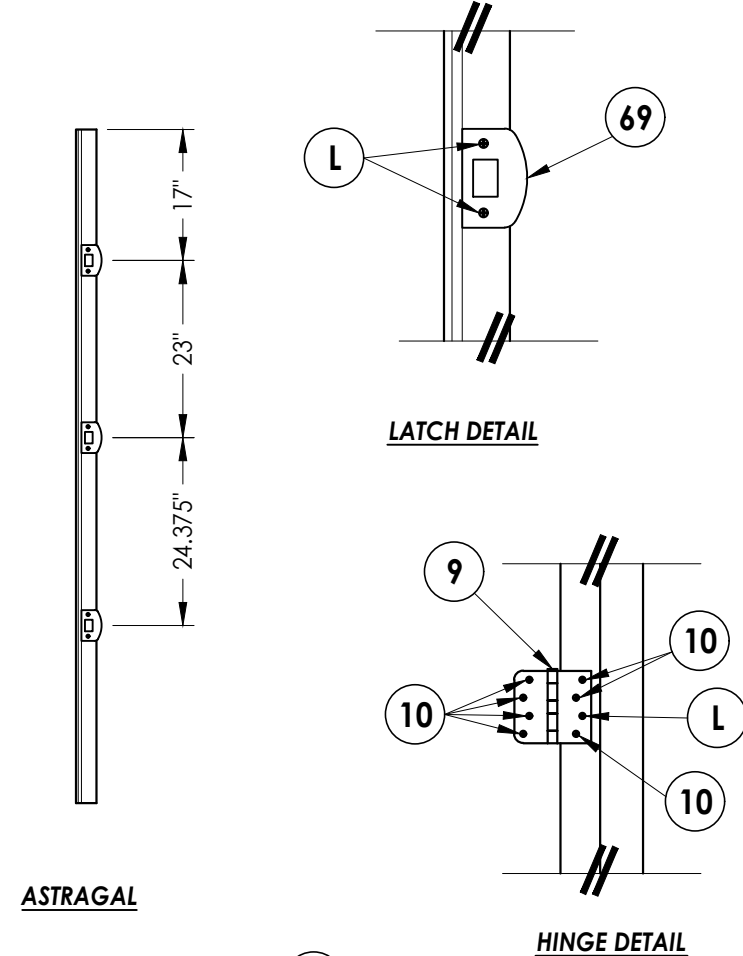
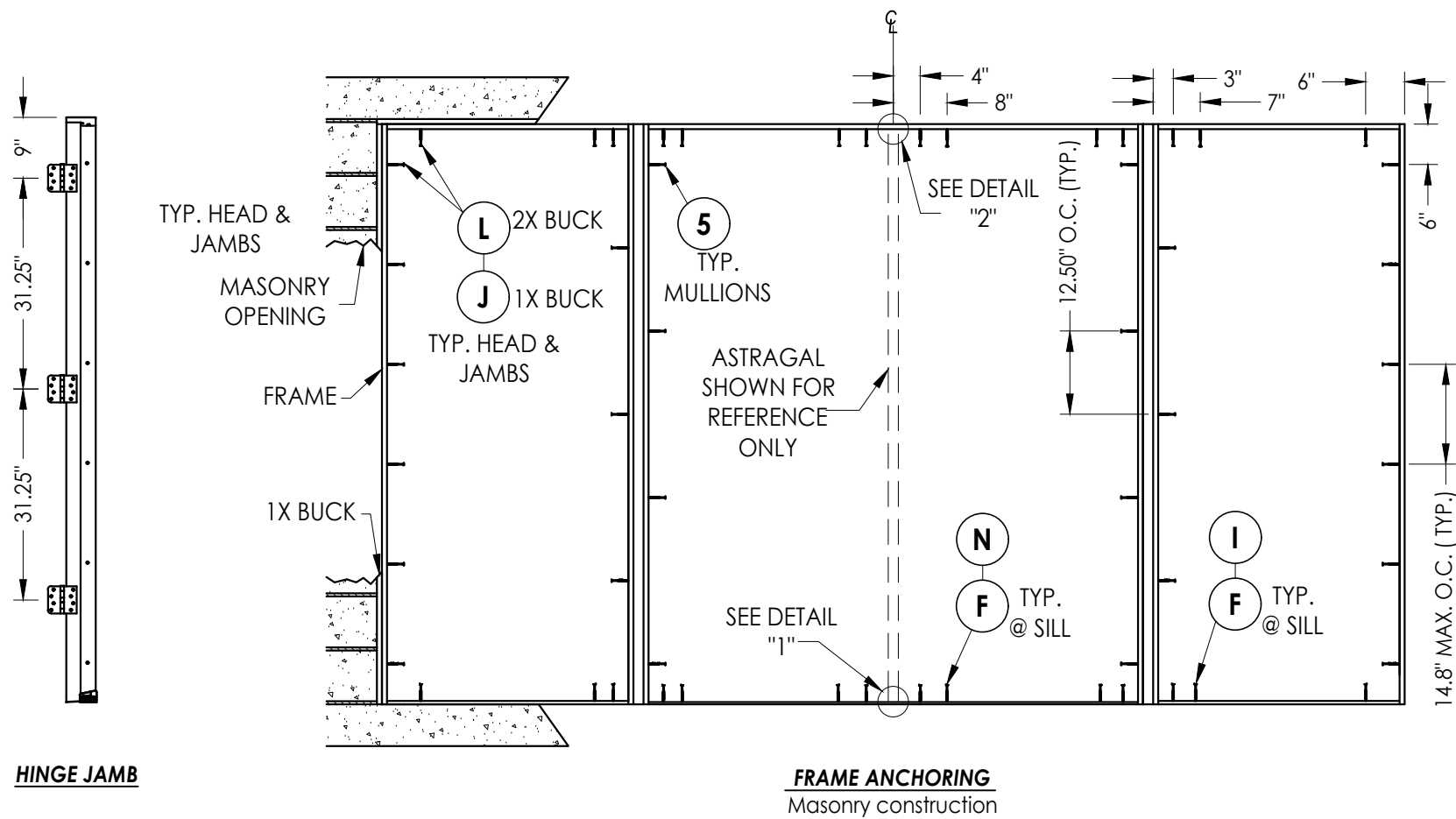
WOOD SCREW INSTALLATION NOTES:

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

BUCK ANCHORING

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK ANCHORING (OXXO)	
		LFS	BY
		LFS	DAC
		DAC	BY
		DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC	
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC	
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	
DATE: 8/25/14			
SCALE: N.T.S.			
DWG. BY: AL			
CHK. BY: LFS			
DRAWING NO.: FL-17184.18			
SHEET 8 OF 12			

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CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

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

WOOD SCREW INSTALLATION NOTES:

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

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

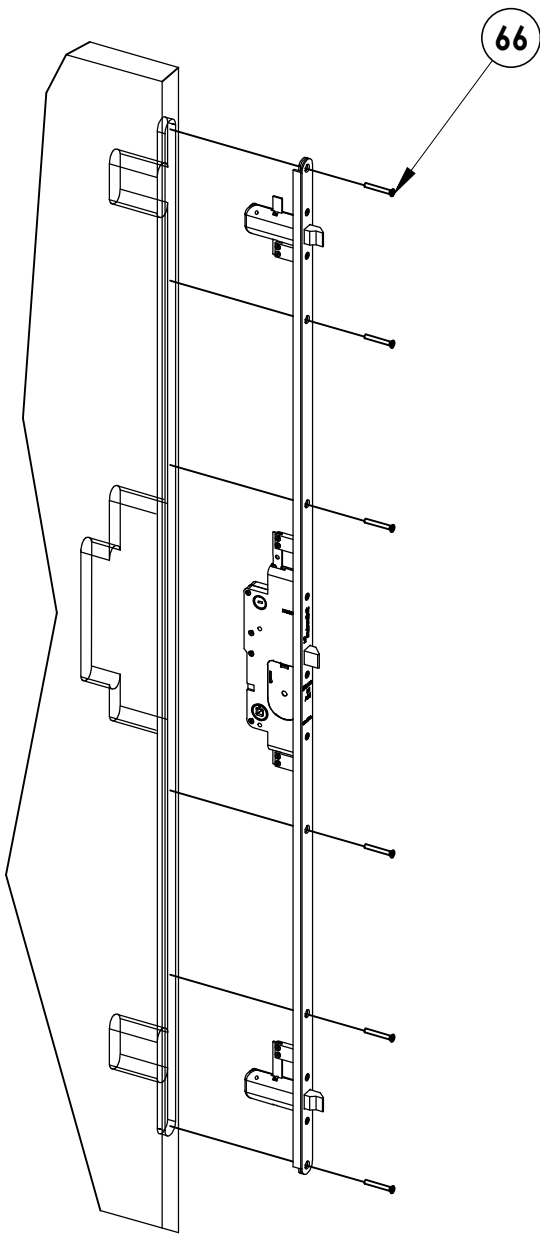
PART OR ASSEMBLY:
FRAME ANCHORING
(OXO)

NO.	DATE	REVISIONS
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5	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
NO.	DATE	BY

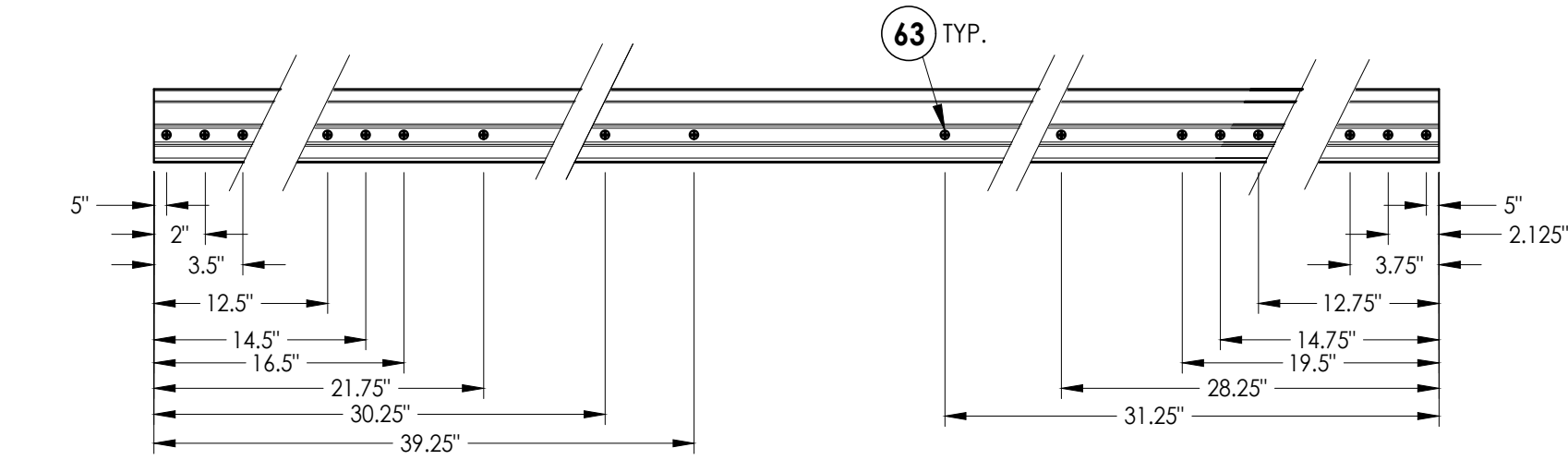
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SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-17184.18
SHEET 9 OF 12

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

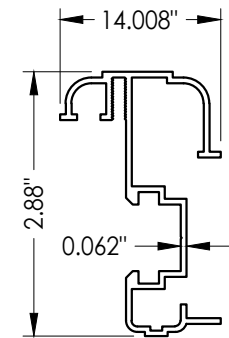
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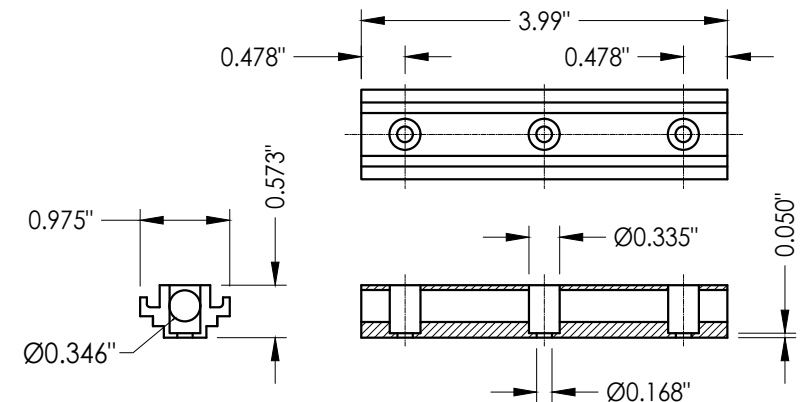
65 MULTI-POINT LOCK
Trilennium by Endura



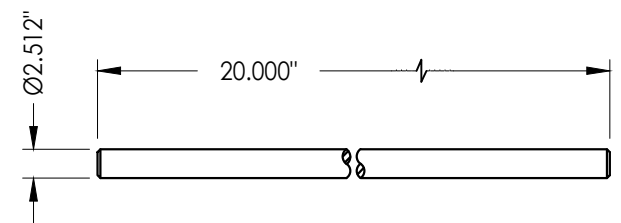
ASTRAGAL SCREW LOCATIONS



64 ASTRAGAL
By DLP



61 CONCEALED STIFFENER



62 SLIDE BOLT ROD
Typ. top & bottom of astragal top through 2.0" bottom through 2.0"

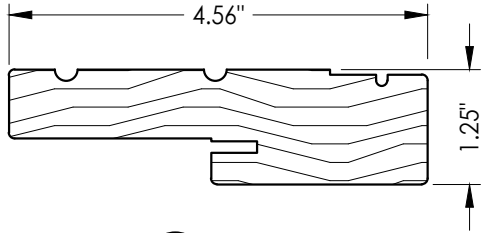
NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
		BY

DATE:	8/25/14
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-17184.18
SHEET	10 of 12

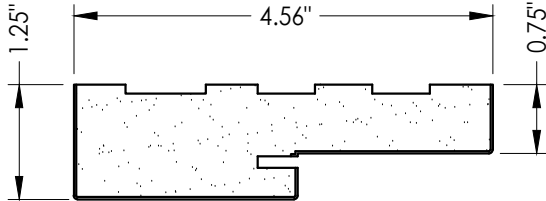
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL & MULTI-POINT LOCK DETAILS

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

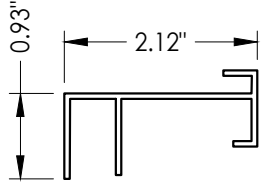
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



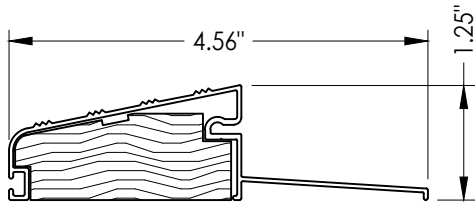
20 HEAD & SIDE
Jamb



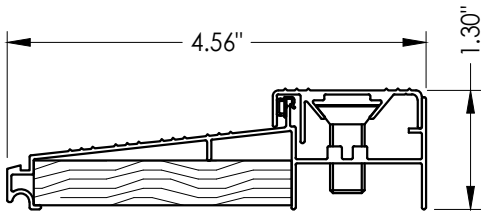
21 HEAD & SIDE
Poly fiber jamb



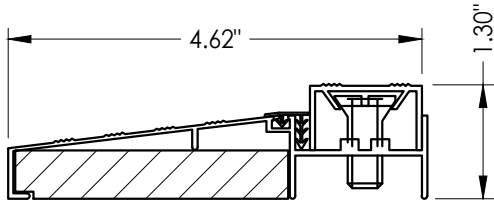
29 SIDELITE SPACER
ISSLB



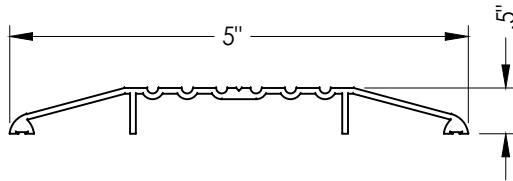
31 OUTSWING THRESHOLD
QOSH



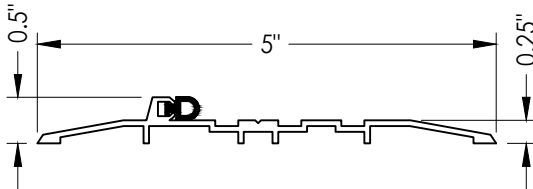
33 INSWING THRESHOLD
ISCS



34 SIDELITE THRESHOLD
ISH/ EIS



32 ADA SILL
ISHC



36 OUTSWING ADA BUMP THRESHOLD
OSHC

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
NO.	DATE	BY

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:
FL-17184.18

SHEET 11 OF 12

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
COMPONENTS

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

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-17184 R11\FL-17184.17-18.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	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
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 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	2X REINFORCEMENT (CLEAR PINE SG >= 0.42)	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
N	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
3	ASTRAGAL STRIKE PLATE	STEEL
5	#10 X 3" PFH SCREW	STEEL
6	SEALANT	SILICONE
7	WEATHERSTRIP BY Q-LON	FOAM
9	4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
20	JAMB FINGER - JOINT - PINE (SG >= 0.42)	WOOD
21	POLY FIBER JAMB	POLY FIBER
22	#7 X 2" PFH DRYWALL SCREW	STEEL
29	SIDELITE SPACER (ISSLB)	PVC
30	DOOR SWEEP	ALUM.
31	OUTSWING THRESHOLD BY DLP (QOSH)	ALUM. / WOOD
32	ADA THRESHOLD BY DLP (ISHC)	ALUM. / WOOD
33	INSWING THRESHOLD BY DLP (ISCS)	ALUM. / WOOD
34	SIDELITE THRESHOLD BY DLP (ISH/ EIS)	ALUM. / WOOD
35	TRIM	WOOD
36	OUTSWING ADA BUMP THRESHOLD	ALUMINUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.075" THICK) PLAST-PRO/NANYA Fy = 11,063 PSI MIN.	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LOCK BLOCK (SG >= 0.42)	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	FOAM CORE	POLYURETHANE
47	LATCH & HINGE STILE REINFORCEMENT	LVL
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
61	CONCEALED STIFFENER 6063-T6	ALUMINUM
62	SLIDE BOLT ROD	STEEL
63	#8 X 2" PPH SMS	STEEL
64	ASTRAGAL 6063-T5 ALUMINUM BY DLP	ALUMINUM
65	MULTI-POINT LOCK ASSEMBLY TRILENNIUM BY ENDURA	-
66	#10 X 1-1/2" PFH SCREW	ALUMINUM
67	BACKING PLATE	STEEL
69	MULTI-POINT STRIKE PLATE	ALUMINUM

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.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: BILL OF MATERIALS	
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC
NO.	DATE		BY
REVISIONS			
DATE: 8/25/14			
SCALE: N.T.S.			
DWG. BY: AL			
CHK. BY: LFS			
DRAWING NO.: FL-17184.18			
SHEET 12 OF 12			