



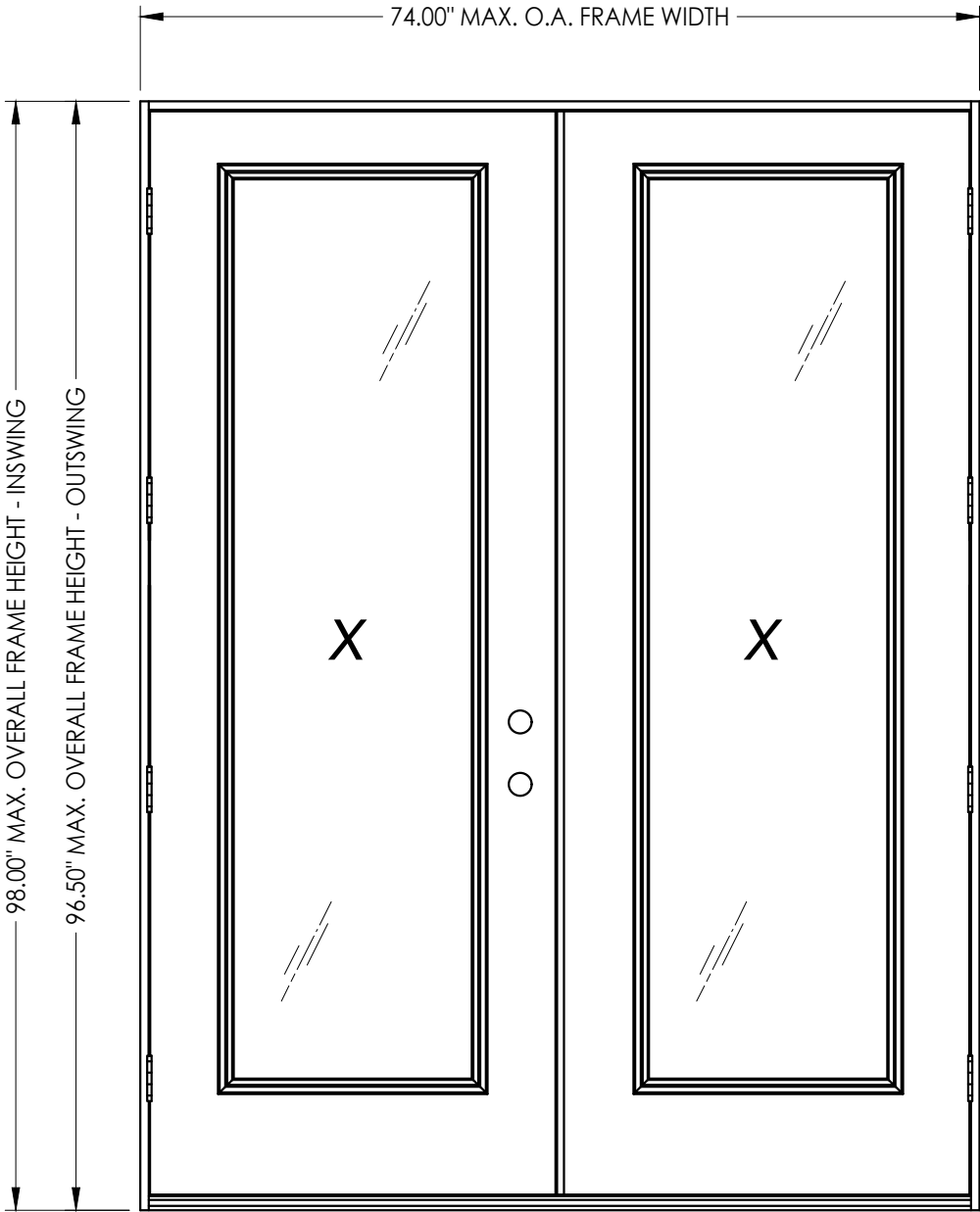
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

ONELITE SERIES
FLUSH GLAZED FIBERGLASS DOORS
INSWING / OUTSWING
"IMPACT"

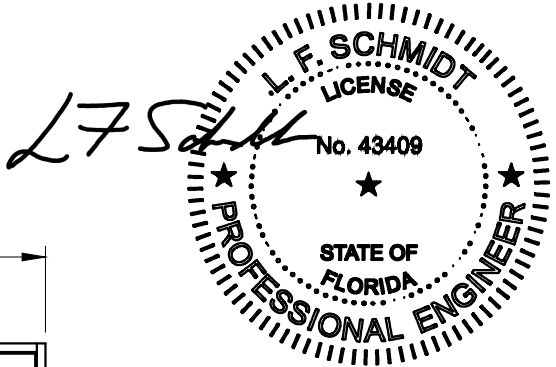
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
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	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - 2X buck masonry construction
6	Frame anchoring - 1X buck masonry construction
7	Endura astragal details
8	Bill of materials, glazing detail & components



SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	74.00" x 98.00"	21.00" x 79.00"	G1	+45.0	-45.0
OUTSWING	74.00" x 96.50"	21.00" x 79.00"		+45.0	-45.0



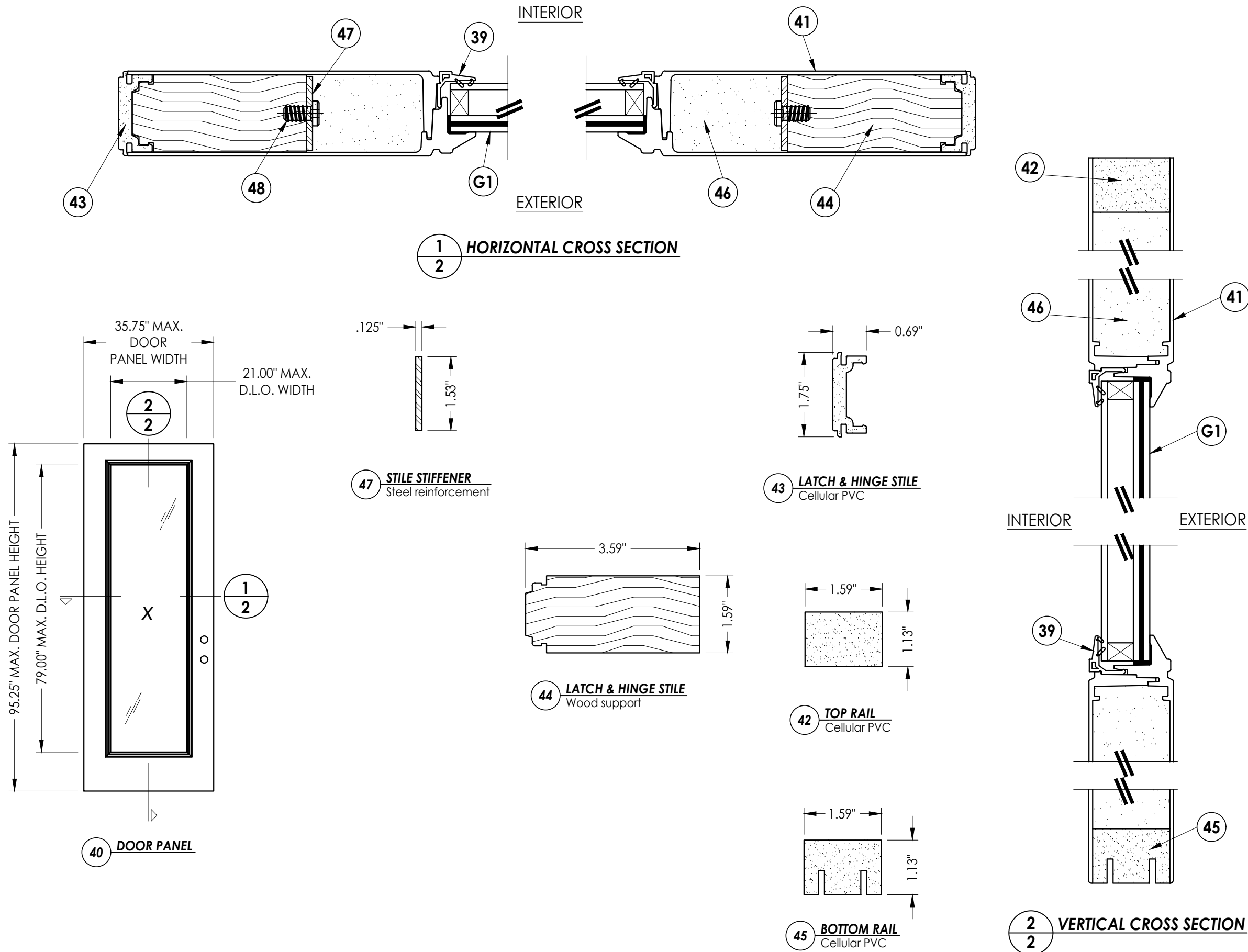
Digitally signed by Lyndon F Schmidt
Date: 2023.08.16 09:09:42 -04'00'

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

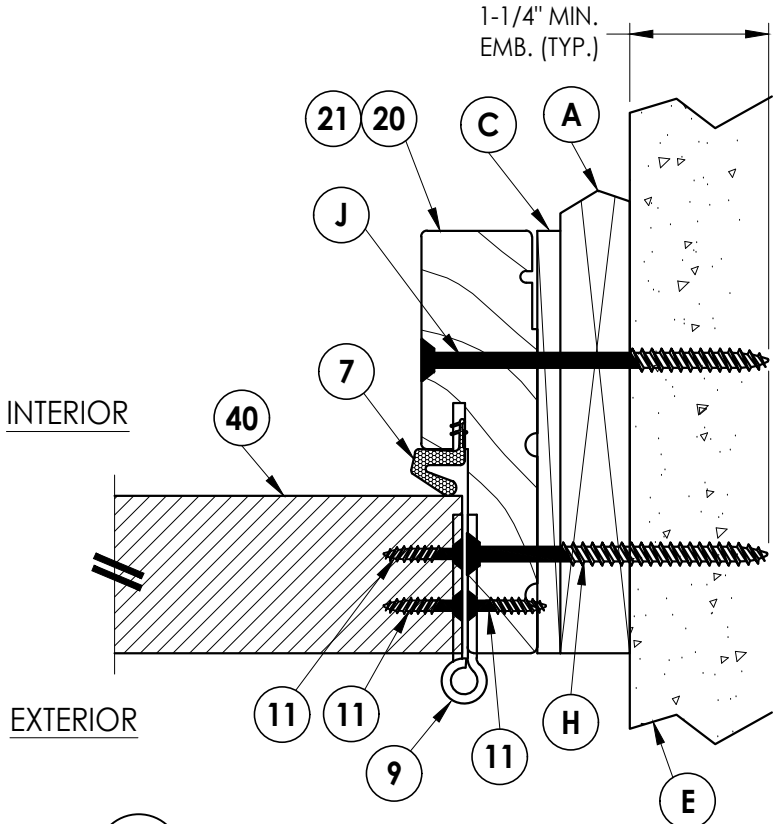
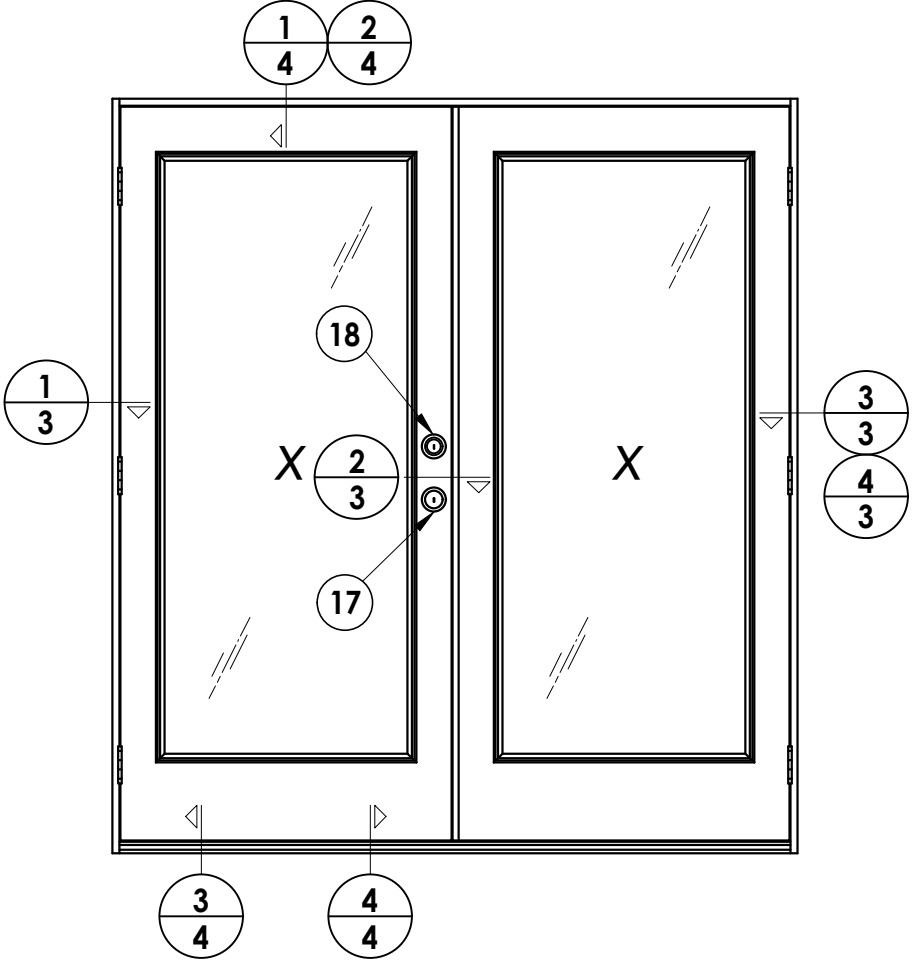
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
5	8/15/23	UPDATE TO 8TH ED. (2023)	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	DAC
3	7/25/17	UPDATE TO 6TH ED. (2017)	JK
2	04/22/15	UPDATE TO 5TH ED. (2014)	JK
1	2/27/13	REVISED GLAZING DETAIL	RW
	NO.	DATE	BY
REVISIONS			
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.19			
SHEET 1 OF 8			

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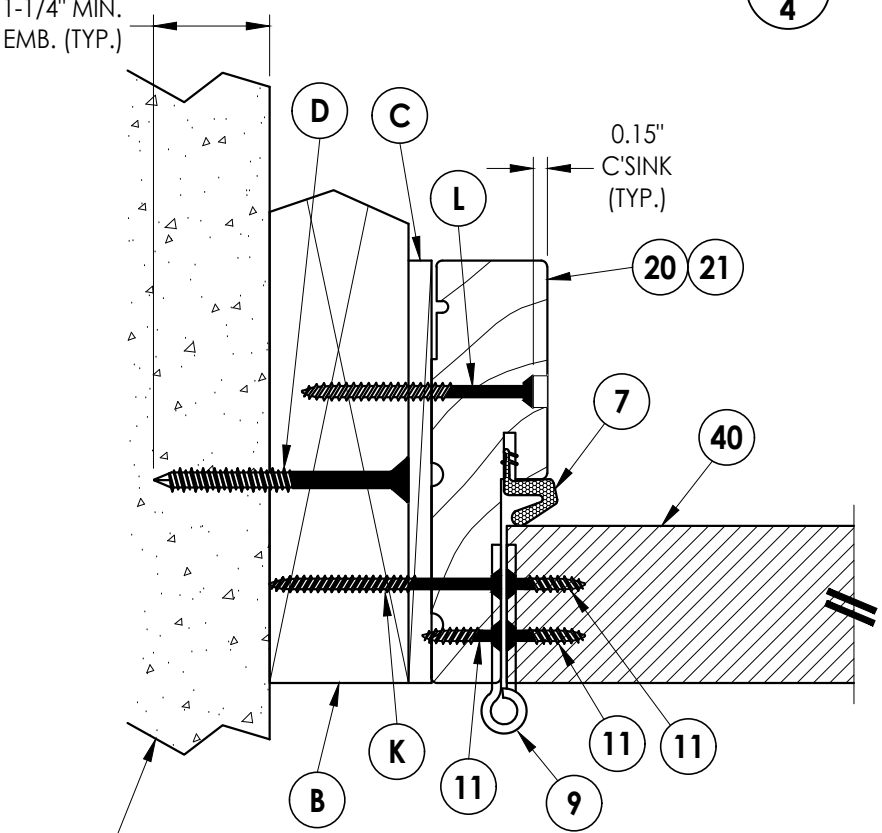
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC DAC
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC JK
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK
1	2/27/13	REVISED GLAZING DETAIL	RW
NO. DATE		REVISIONS	
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.19			
SHEET 2 OF 8			

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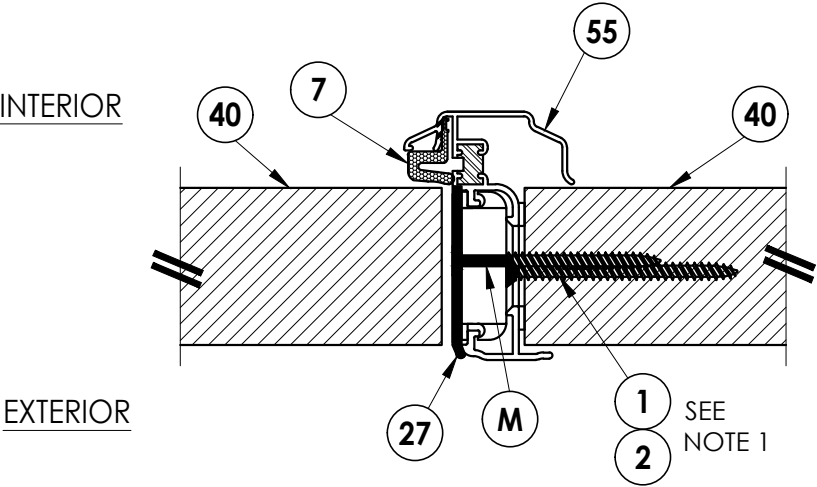


4
3 **HORIZONTAL CROSS SECTION**
Shown w/1X sub-buck

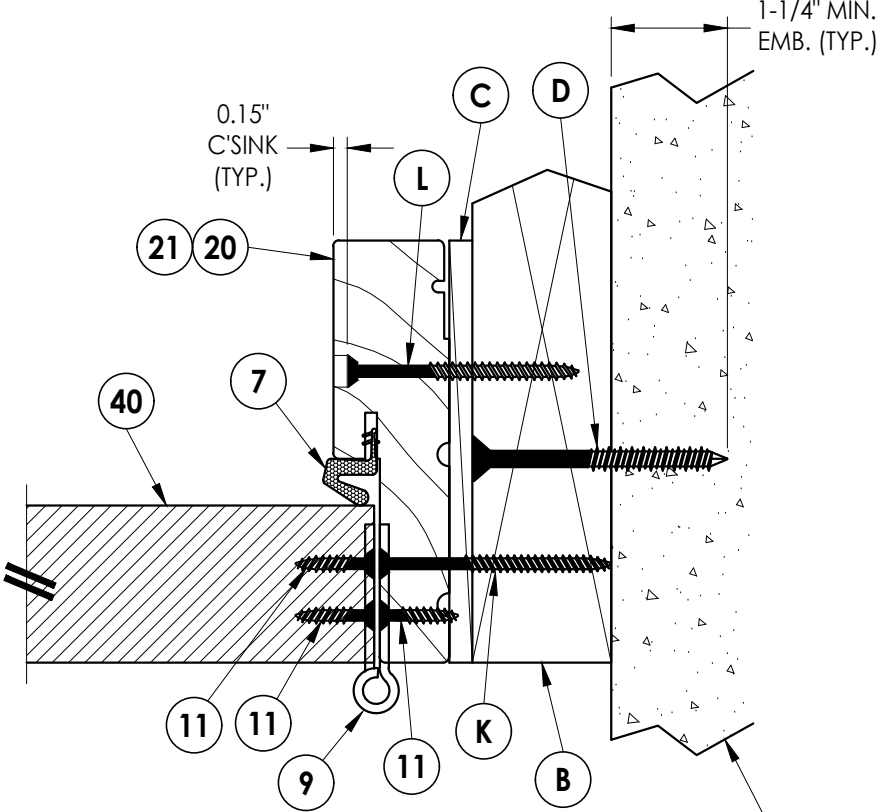
NOTE:
1. As noted in the test report astragal was attached to the inactive leaf with (11) #8 x 3" psh sms and (6) #10 x 2-1/2" pfh sms for all 8'-0" (outswing). Astragal was attached to the inactive leaf with (13) #8 x 3" psh sms and (6) #10 x 2-1/2" pfh sms for all 8'-0" (inswing).



1
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved



2
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved



3
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

58/15/23
8/15/23
8/05/20
7/25/17
04/22/15
2/27/13

UPDATE TO 8TH ED. (2023) FBC
UPDATE TO 7TH ED. (2020) FBC
UPDATE TO 6TH ED. (2017) FBC
UPDATE TO 5TH ED. (2014) FBC
REVISED GLAZING DETAIL

LFS
DAC
JK
JK
RW
BY

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

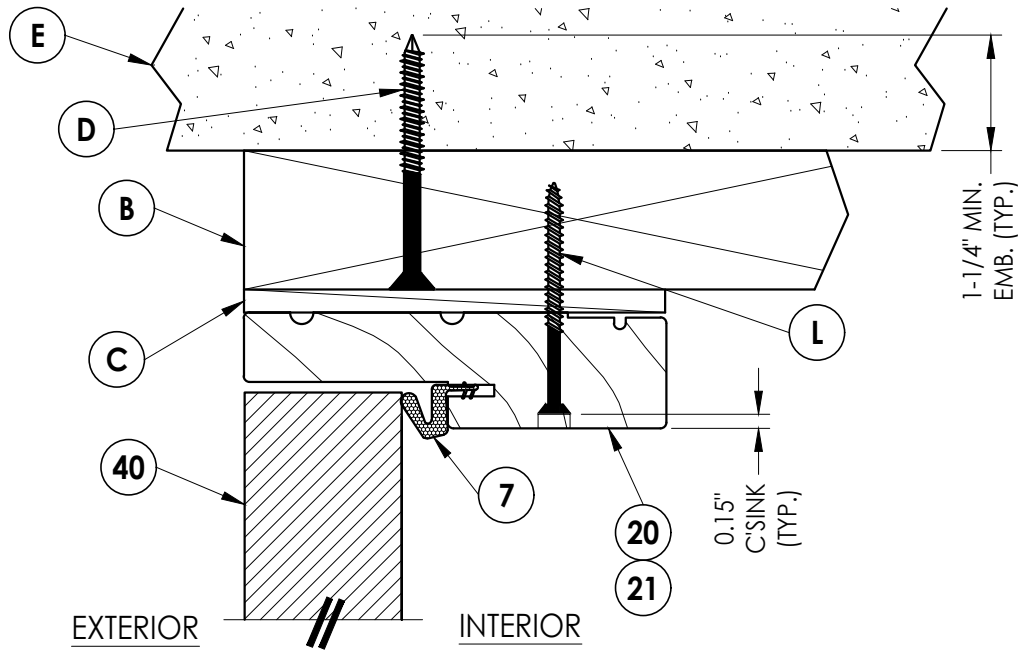
DRAWING NO.: FL-15215.19

SHEET 3 OF 8

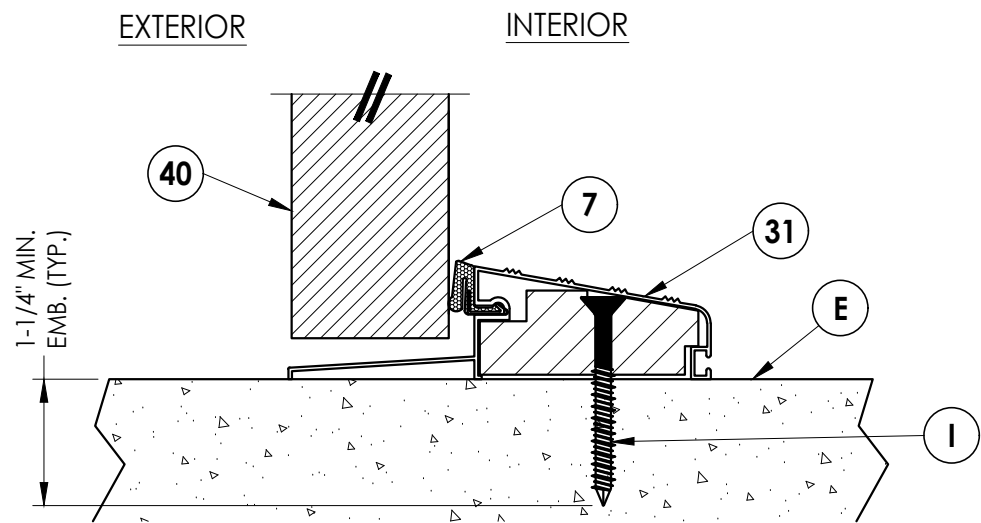
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FBPE Registry No. 9813

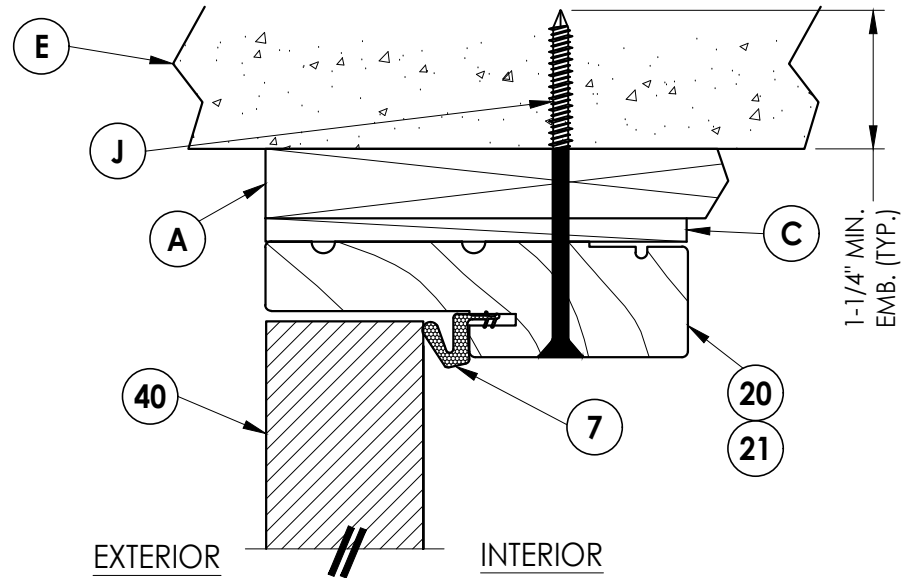
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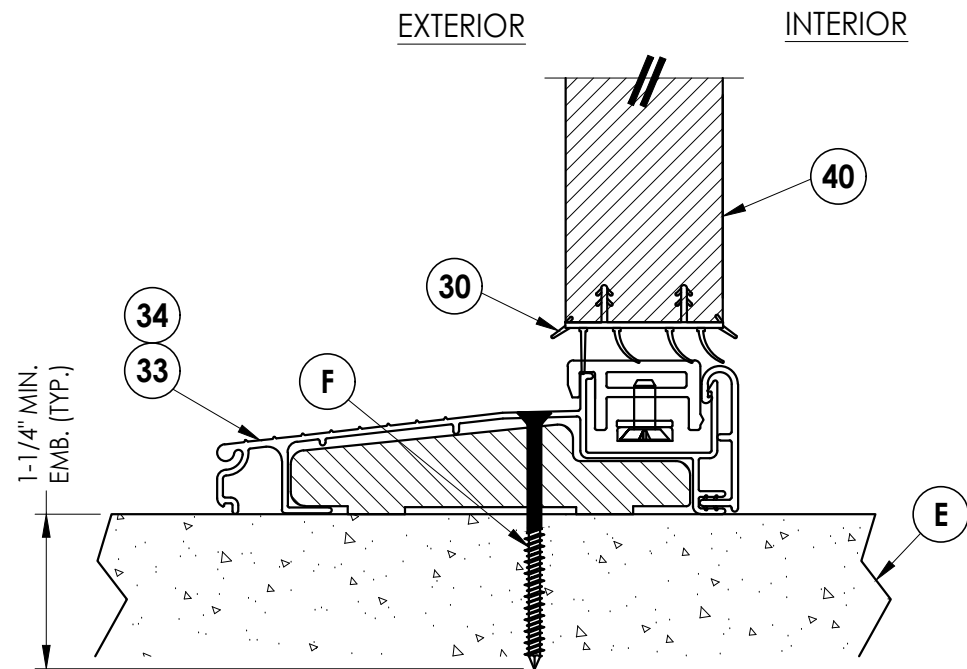
1
4 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



3
4 **VERTICAL CROSS SECTION**
Outswing configuration



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



4
4 **VERTICAL CROSS SECTION**
Inswing configuration

Documents Prepared By:
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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:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
3	7/25/17	UPDATE TO 6TH ED. (2017) FBC JK
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK
1	2/27/13	REVISED GLAZING DETAIL RW

DATE: 02/15/12

SCALE: N.T.S.

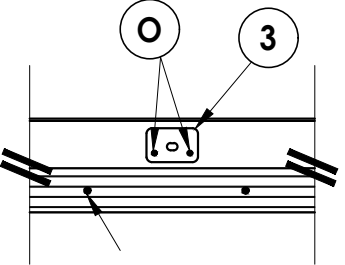
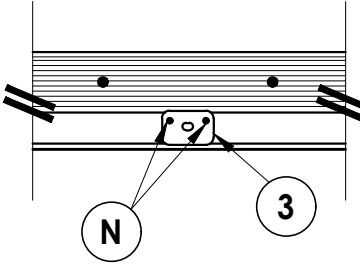
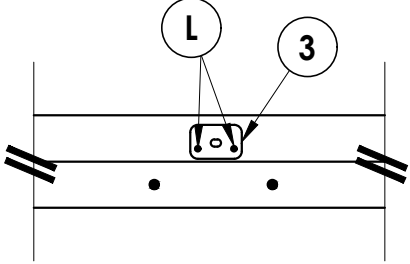
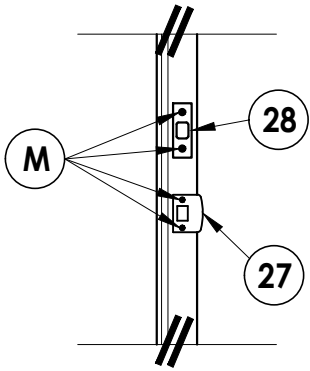
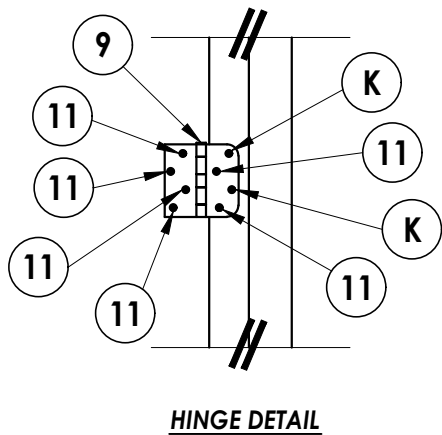
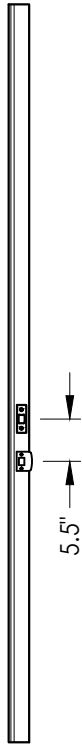
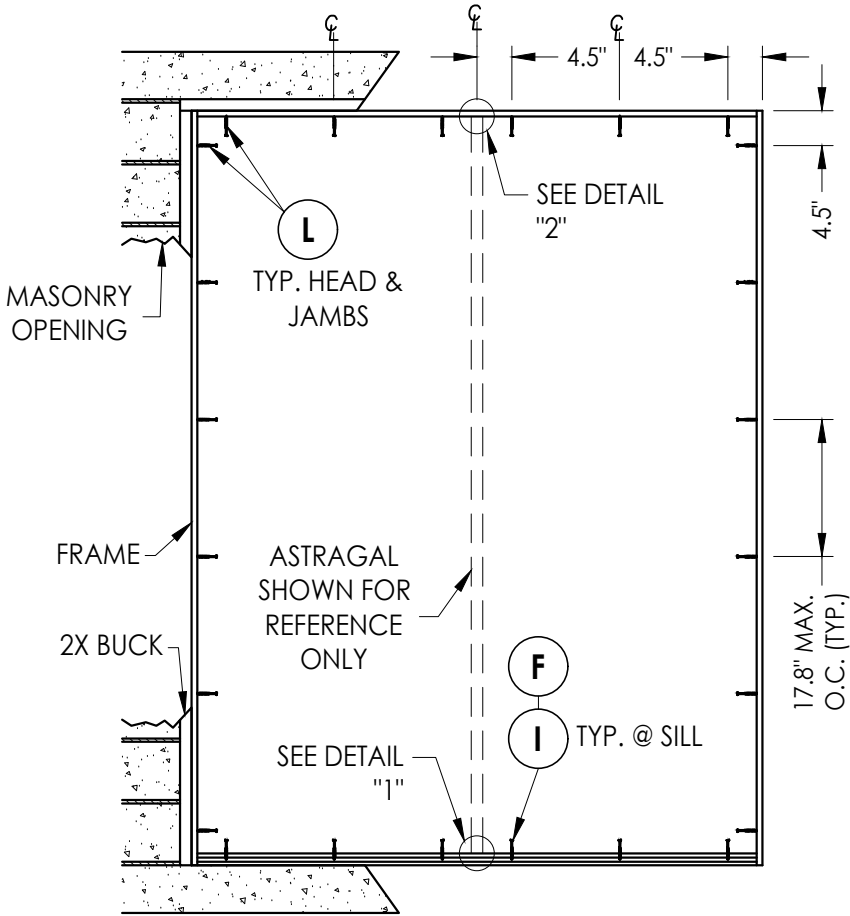
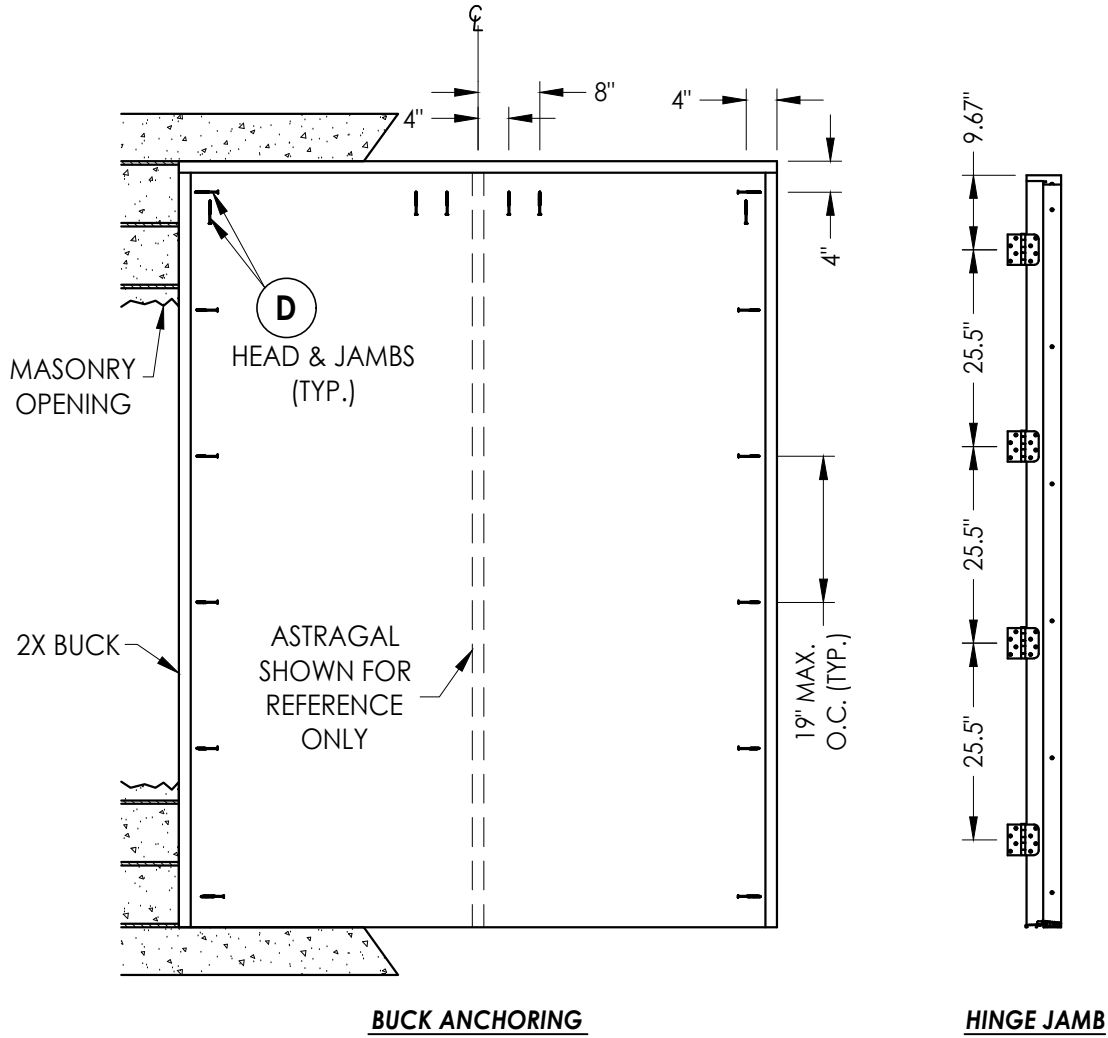
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.19

SHEET 4 OF 8

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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.

Documents Prepared By:
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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 & FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
3	7/25/17	UPDATE TO 6TH ED. (2017) FBC
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	REVISED GLAZING DETAIL

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.19
SHEET 5 OF 8

HINGE JAMB

FRAME ANCHORING
Masonry 1X buck construction

ASTRAGAL STRIKE JAMB

HINGE DETAIL

LATCH & DEADBOLT DETAIL

DETAIL 2

DETAIL 1
Inswing configuration

DETAIL 1

Outswing configuration

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"
ITW TAPCON®	3/16"	1-1/4"	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.

	5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
	3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK
	2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
	1	2/27/13	REVISED GLAZING DETAIL		RW
	NO.	DATE			BY

DATE: 02/15/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15215.19

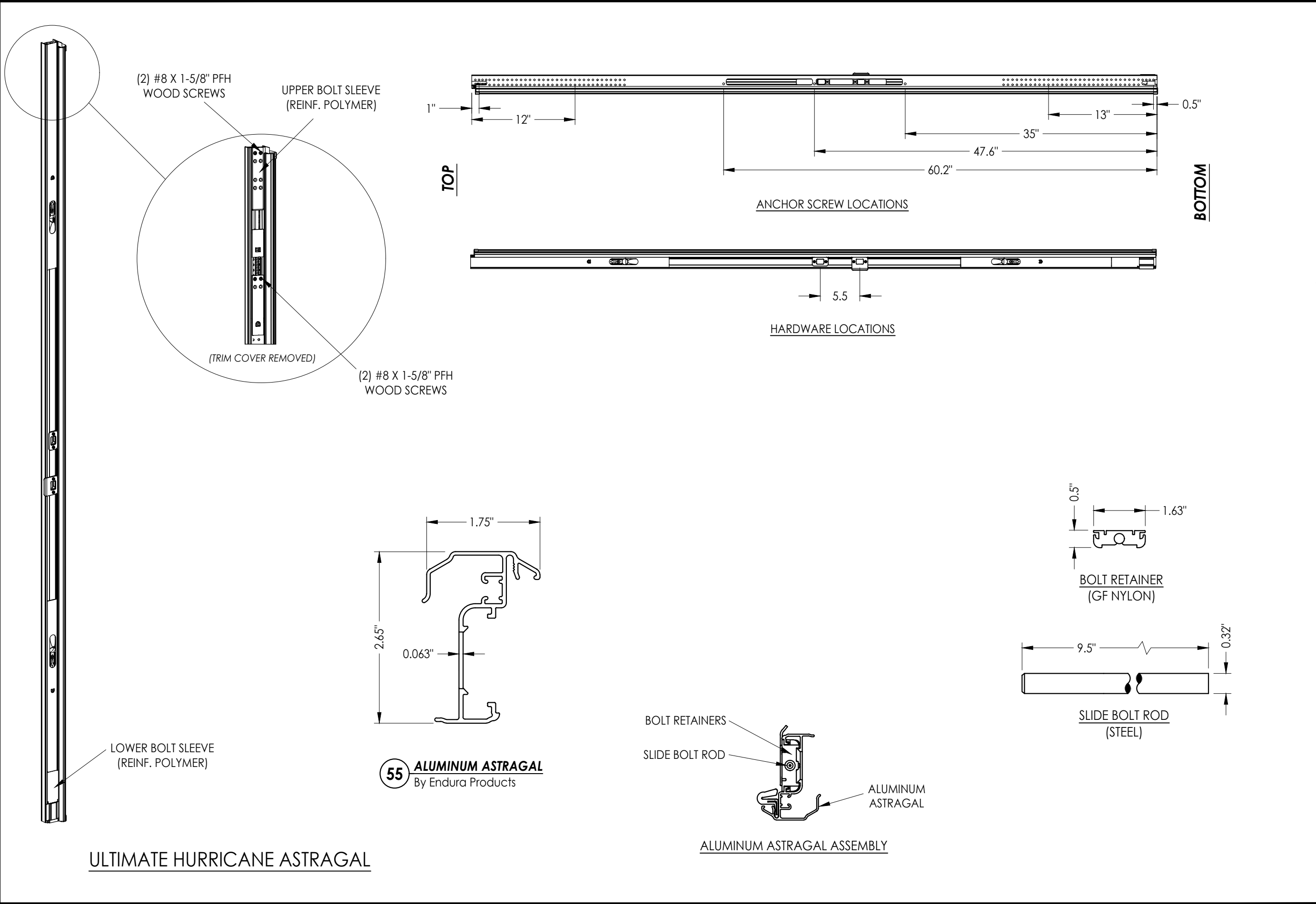
SHEET 6 OF 8

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

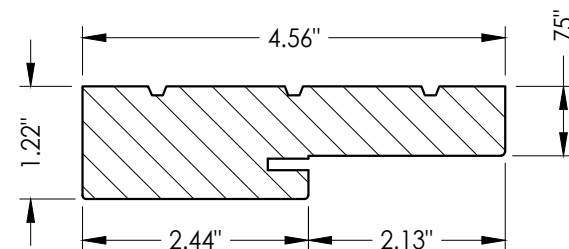
PART OR ASSEMBLY:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

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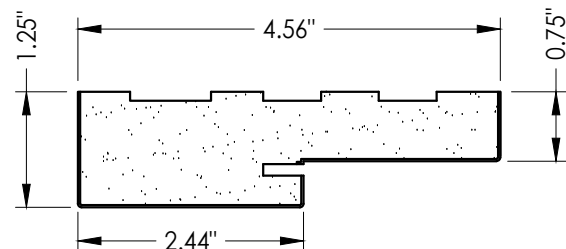


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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: ENDURA ASTRAGAL DETAILS			
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC			
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
1	2/27/13	REVISED GLAZING DETAIL		RW			
NO.	DATE			BY			
				REVISIONS			
DATE: 02/15/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15215.19							
SHEET 7 OF 8							

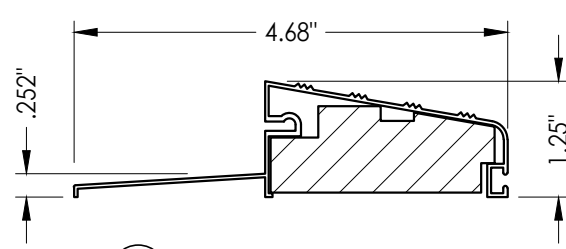
BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD	20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
B	2X BUCK SG >= 0.55	WOOD	21	POLYFIBER JAMB	COMP. / VINYL
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
			31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL	38	GLAZING SPACER	ALUM.
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	39	GLAZING BEAD	PVC
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL	41	DOOR SKIN (MIN. 0.095" THICK)	FIBERGLASS
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	42	TOP RAIL	CELLULAR PVC
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	44	LATCH & HINGE STILE SUPPORT	WOOD
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	45	BOTTOM RAIL	CELLULAR PVC
1	#10 X 2-1/2" PFH SMS	STEEL	46	POLYURETHANE FOAM	POLYURETHANE
2	#8 X 3" PSH SMS	STEEL	47	STILE STIFFENER REINFORCEMENT	STEEL
3	FLUSH BOLT STRIKE PLATE	STEEL	48	REINFORCEMENT RETAINING SCREW	NYLON
7	Q-LON 650 WEATHER STRIP SCHLEGEL	FOAM	49	GLAZING COMPOUND DOW 995	SILICONE
9	4" X 4" BUTT HINGE	STEEL	55	ASTRAGAL (ENDURA)	ALUMINUM
10	NOT USED	-			
11	#9 X 3/4" PFH WOOD SCREW	STEEL			
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL			
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL			



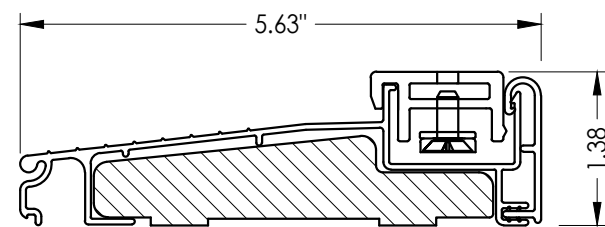
20 **HEAD & SIDE**
Jamb



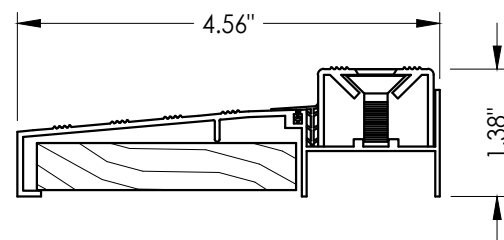
21 **HEAD & SIDE**
Poly fiber jamb



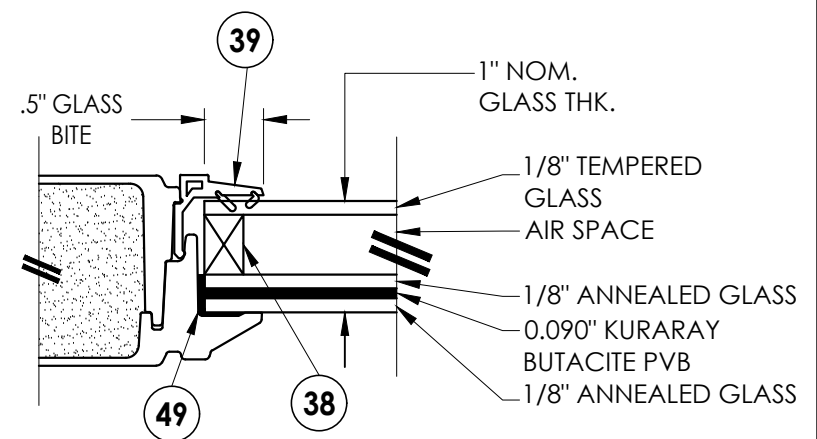
31 OUTSWING BUMP THRESHOLD



33 ADJUSTABLE INSWING THRESHOLD



34 ADJUSTABLE INSWING THRESHOLD



G1 GLAZING DETAIL

5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
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2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	2/27/13	REVISED GLAZING DETAIL		RW
NO.	DATE	BY		
		REVISIONS		

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15215.19

SHEET 8 OF 8

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

PART OR ASSEMBLY:
**BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS**

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