



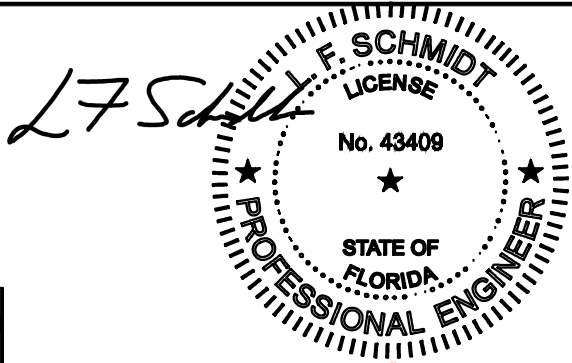
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
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 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 complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. 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.
5. For 2x stud framing 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".

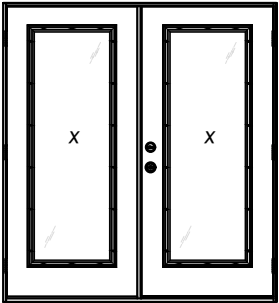
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Astragal details
11	Bill of materials and components



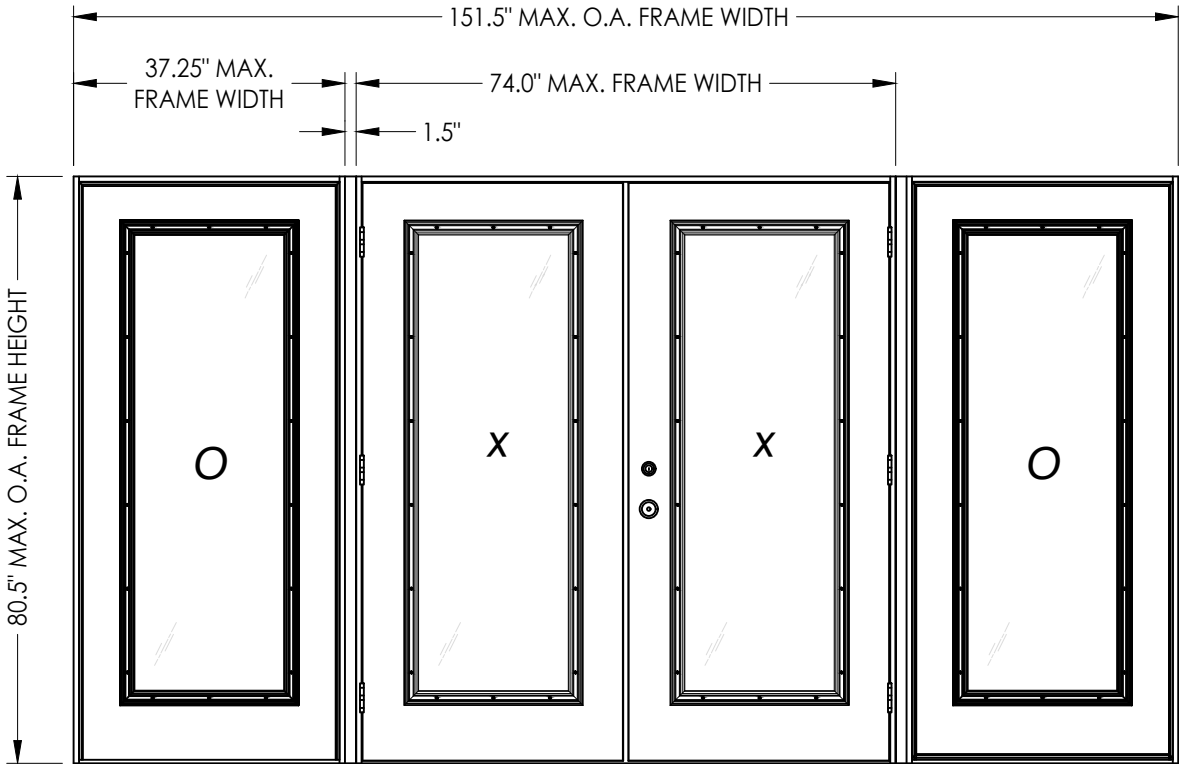
Digitally signed by Lyndon F Schmidt
Date: 2023.08.15 14:06:51 -04'00'

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



XX



OXXO

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.I.O. DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
XX	74" X 80.5"	20.63" X 62.63"	+50.0	-50.0
OXXO	151.5" X 80.5"	20.63" X 62.63"	+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

48/15/23UPDATE TO 8TH ED. (2023) FBC

37/23/20UPDATE TO 7TH ED (2020) FBC

27/24/17UPDATE TO 6TH ED. (2017) FBC

104/22/15UPDATE TO 5TH ED. (2014) FBC

NO. DATE

BY

REVISIONS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

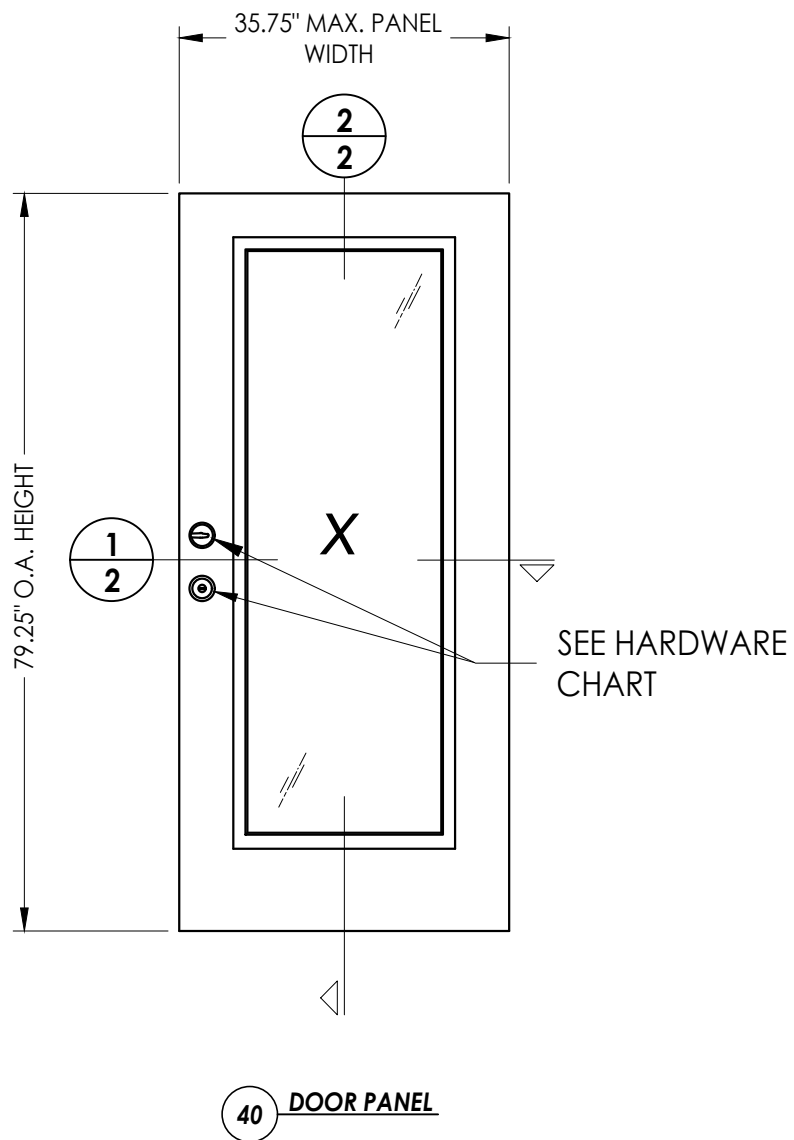
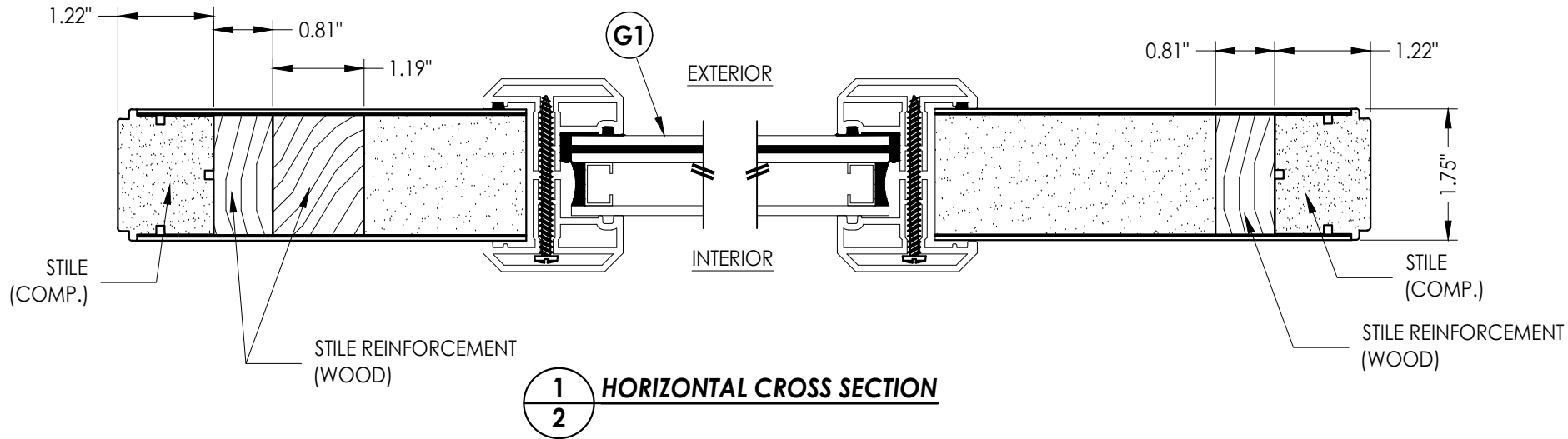
DRAWING NO.: FL-15180.2

SHEET 1 OF 11

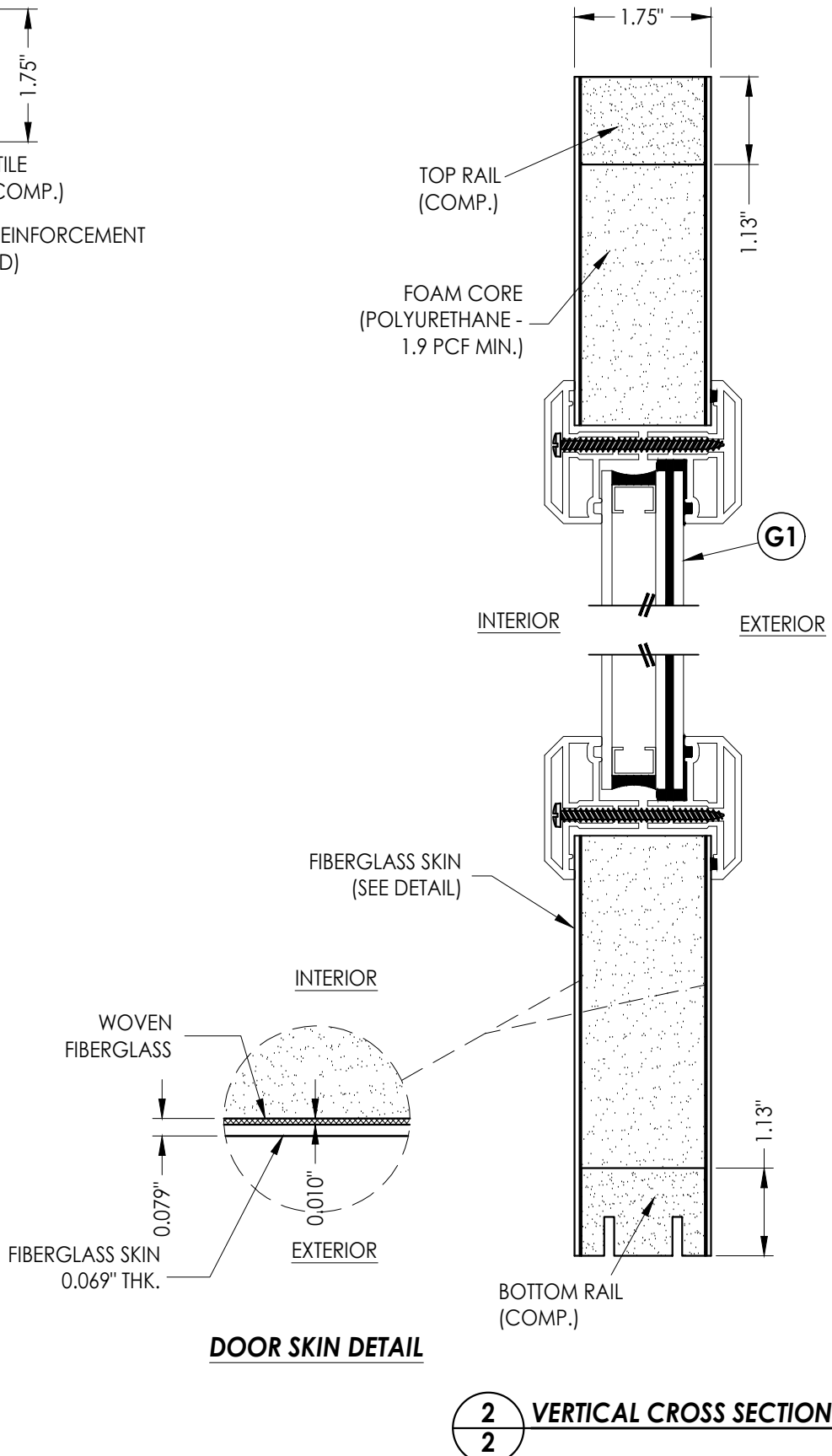
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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G:\2023 FBC DRAWINGS\Plastpro\FL-15180 R5\FL-15180.2.4.dwg



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



DOOR SKIN DETAIL

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS
AND GLAZING DETAIL

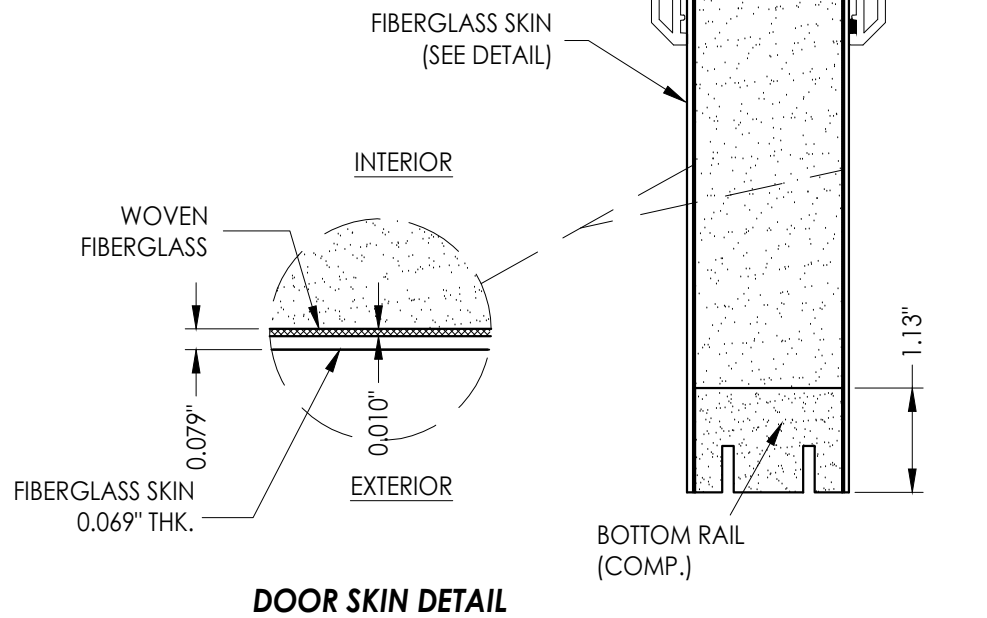
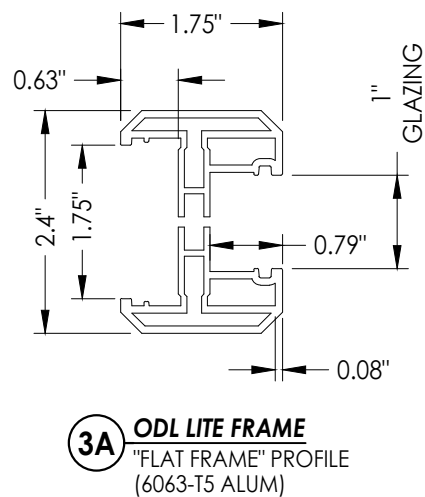
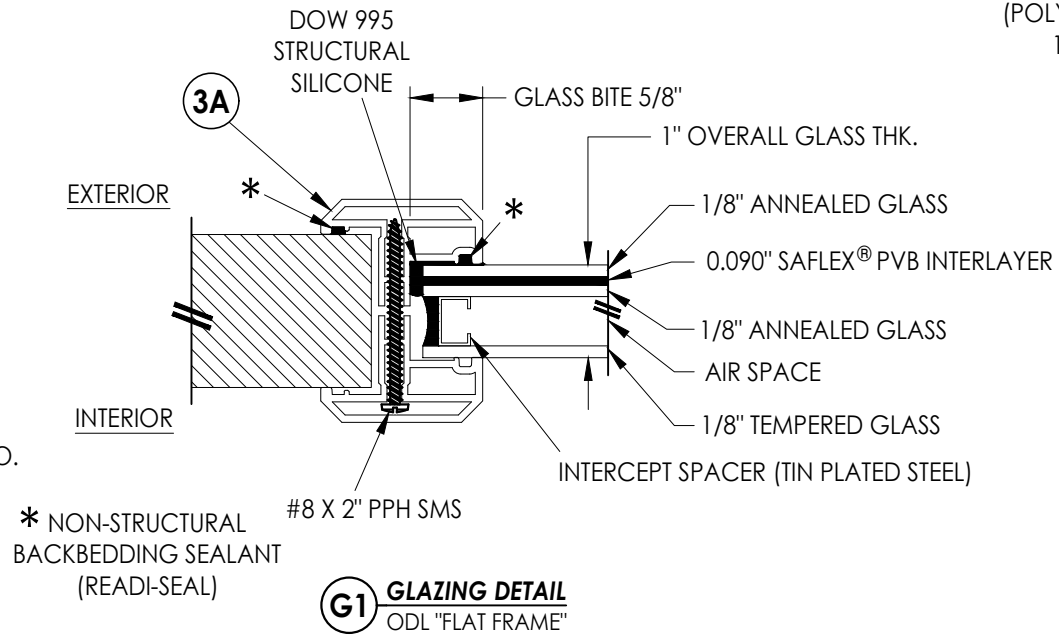
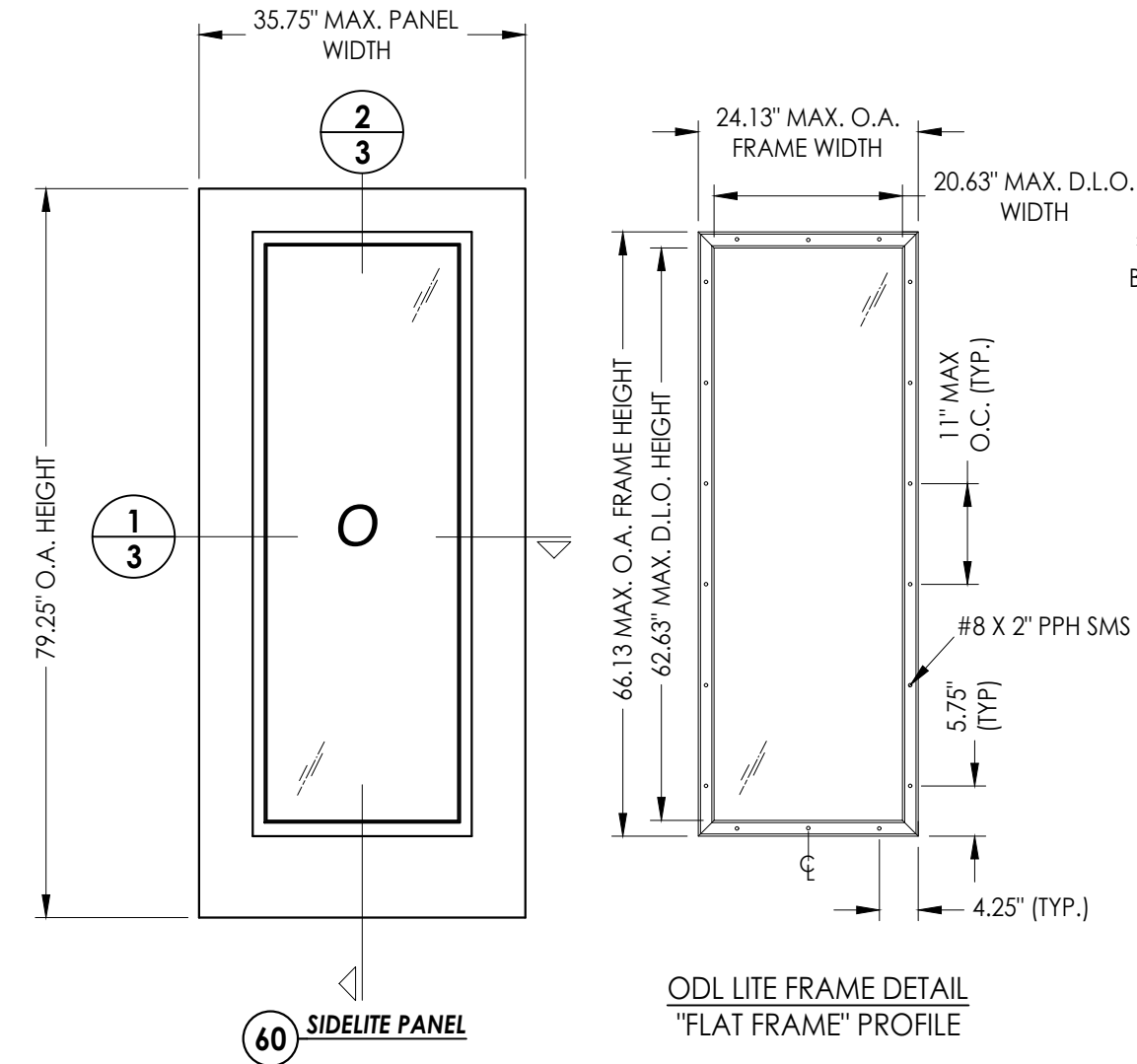
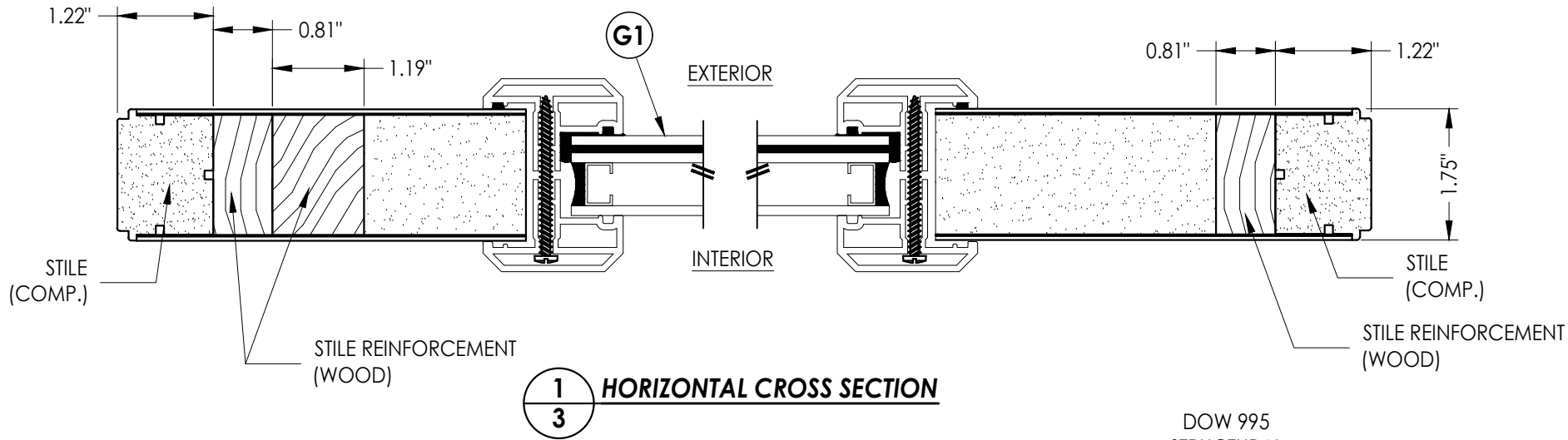
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3	7/23/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.2
SHEET 2 OF 11

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2 **3** **VERTICAL CROSS SECTION**

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
4	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

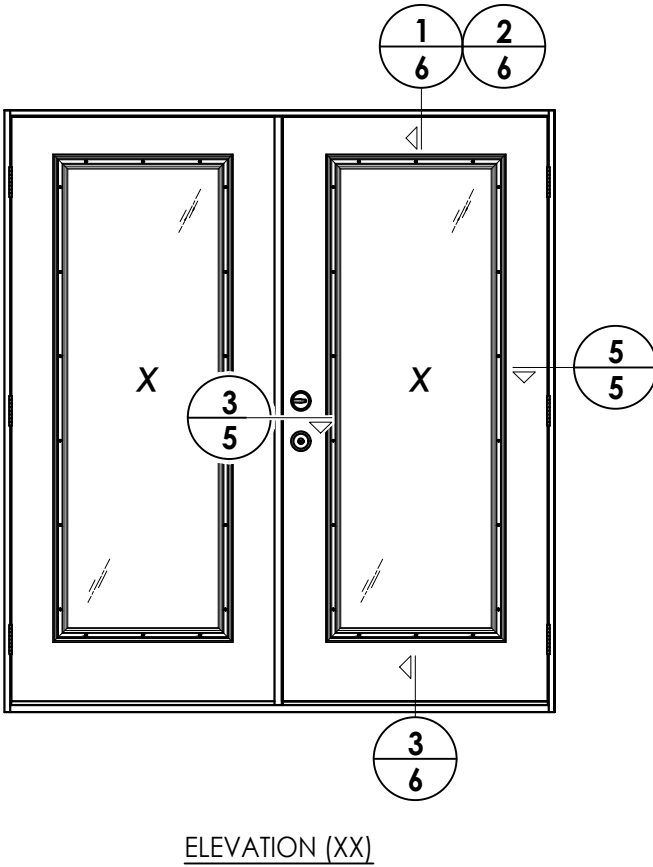
CHK. BY: LFS

DRAWING NO.: FL-15180.2

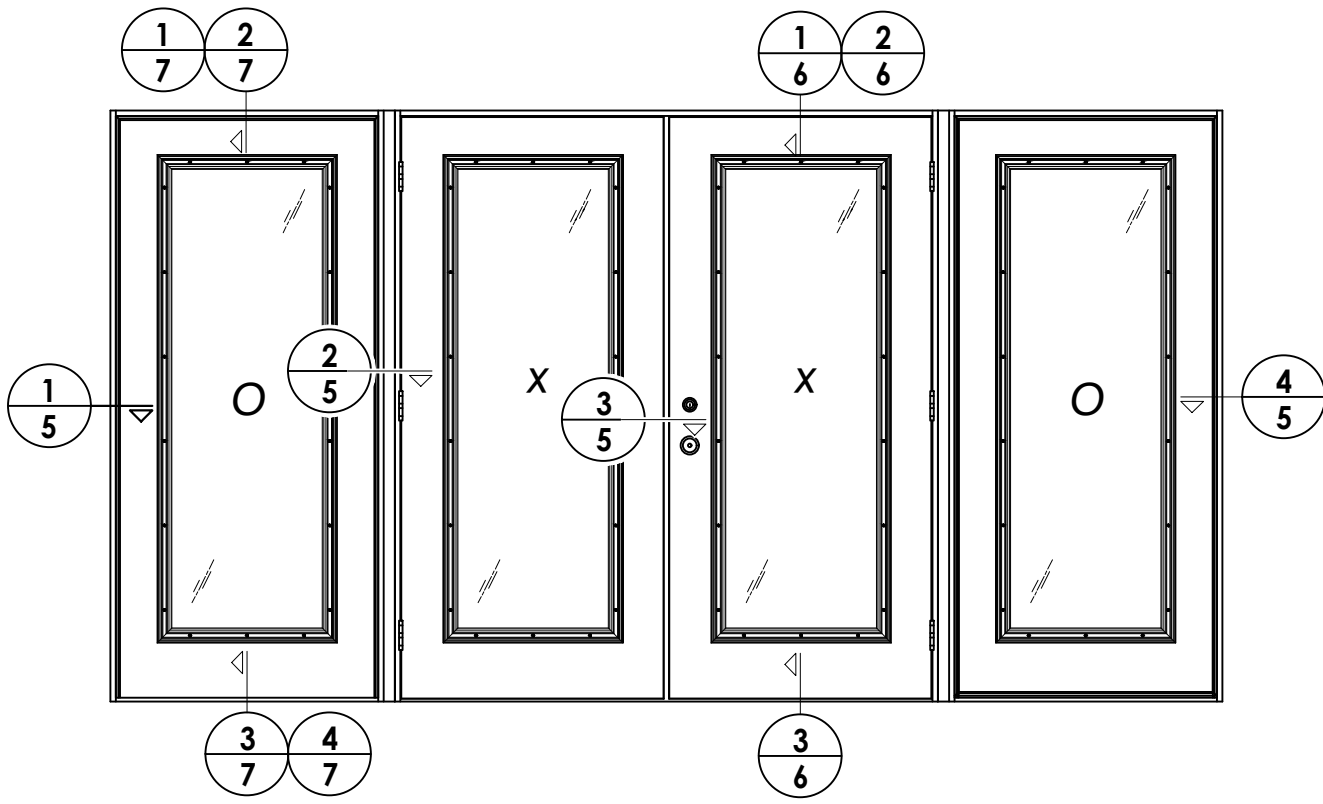
SHEET 3 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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ELEVATION (XX)



ELEVATION (OXXO)

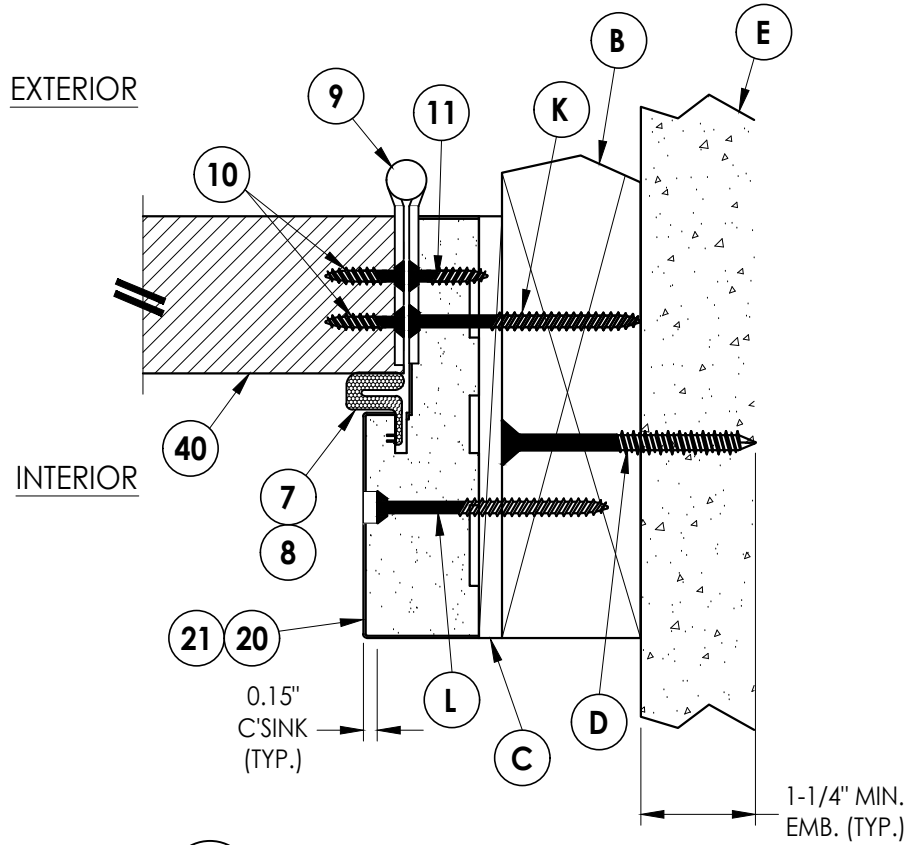
DATE: 02/21/12	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15180.2	
SHEET 4	OF 11

NO.	DATE	REVISIONS	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK
			BY

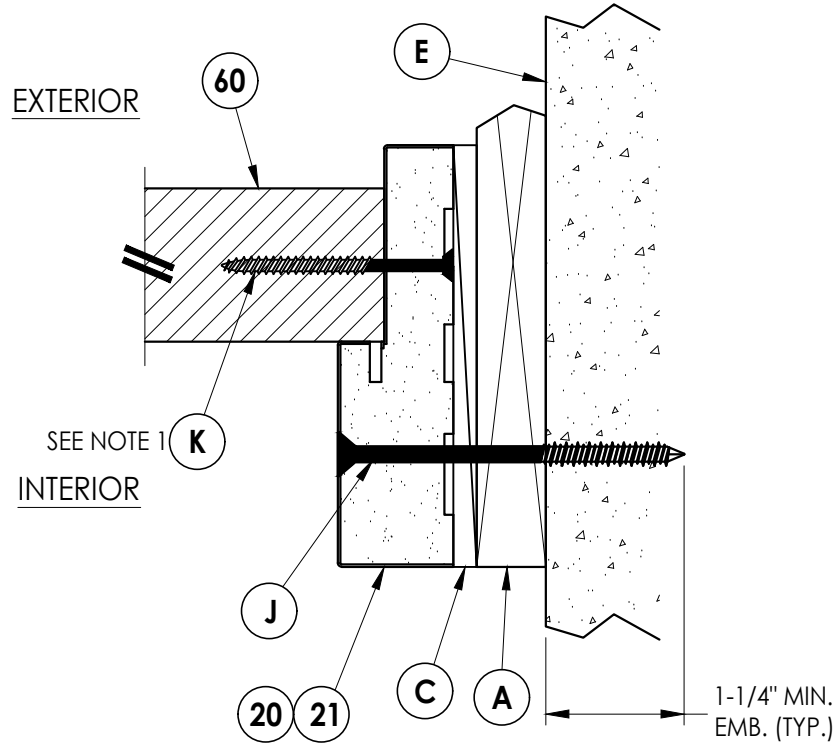
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

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



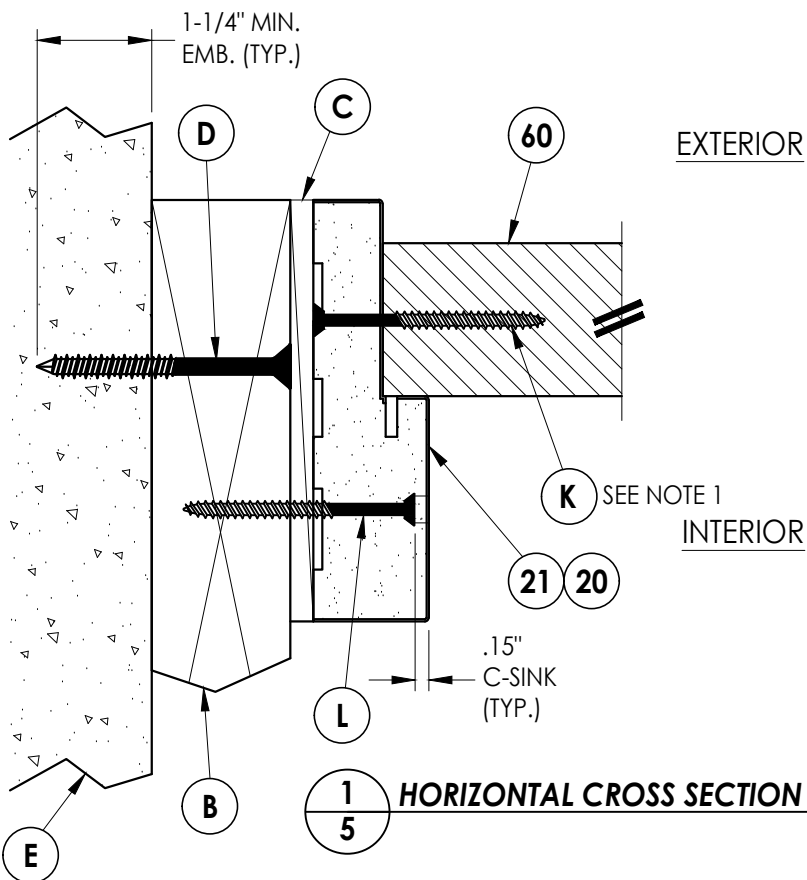
5 HORIZONTAL CROSS SECTION



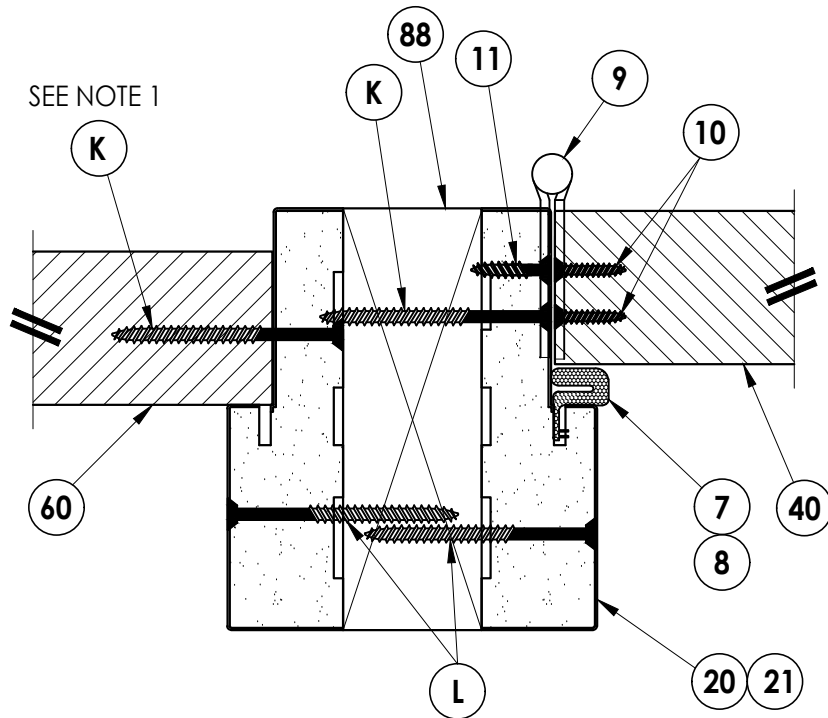
4 HORIZONTAL CROSS SECTION
5 Shown w/1X sub-buck

NOTE:

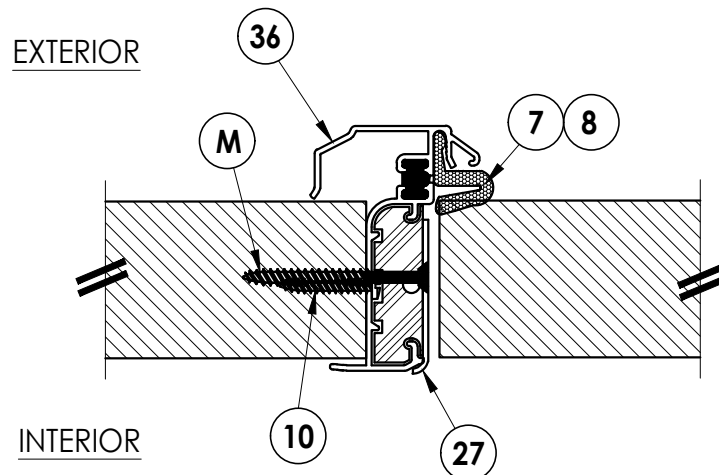
1. Spacing for item K: 6" from ends and 7 more equally spaced along sidelite (9 total).



1 **HORIZONTAL CROSS SECTION**
5



2 **HORIZONTAL CROSS SECTION**
5



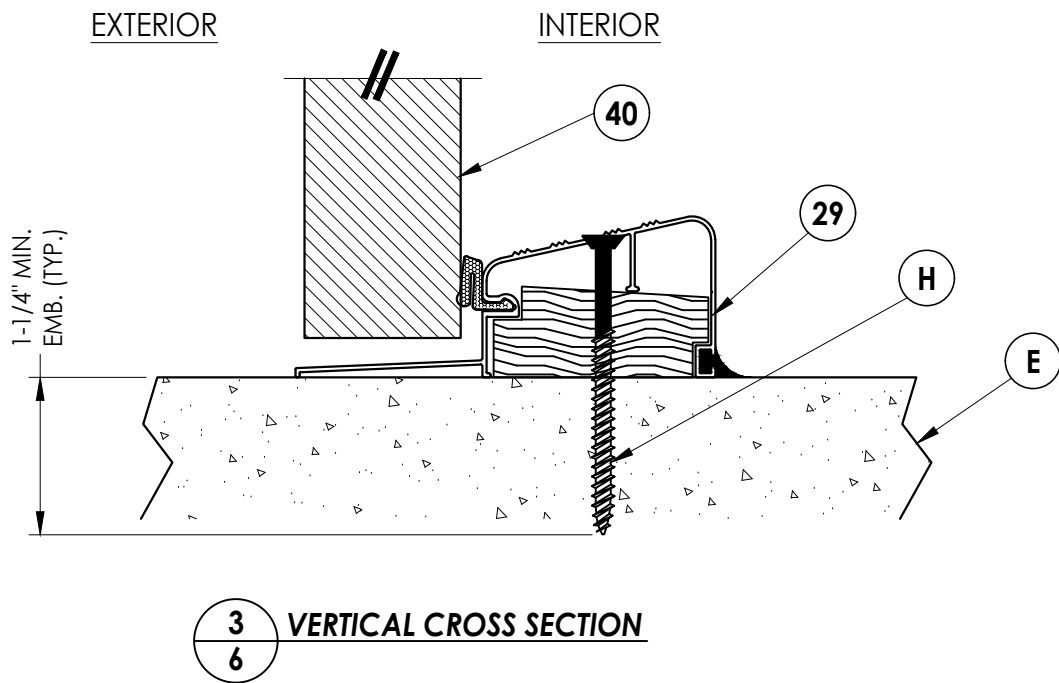
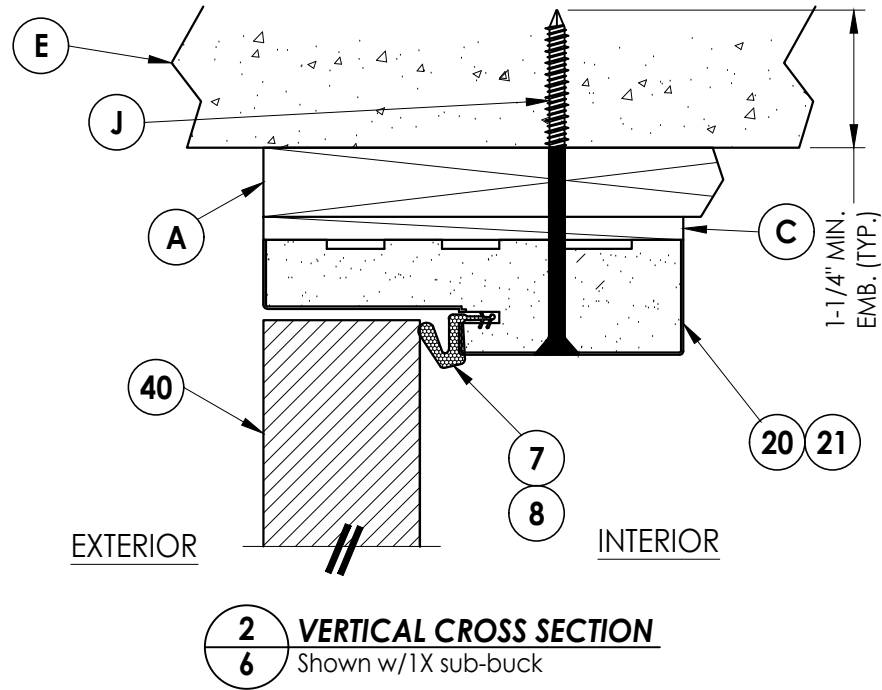
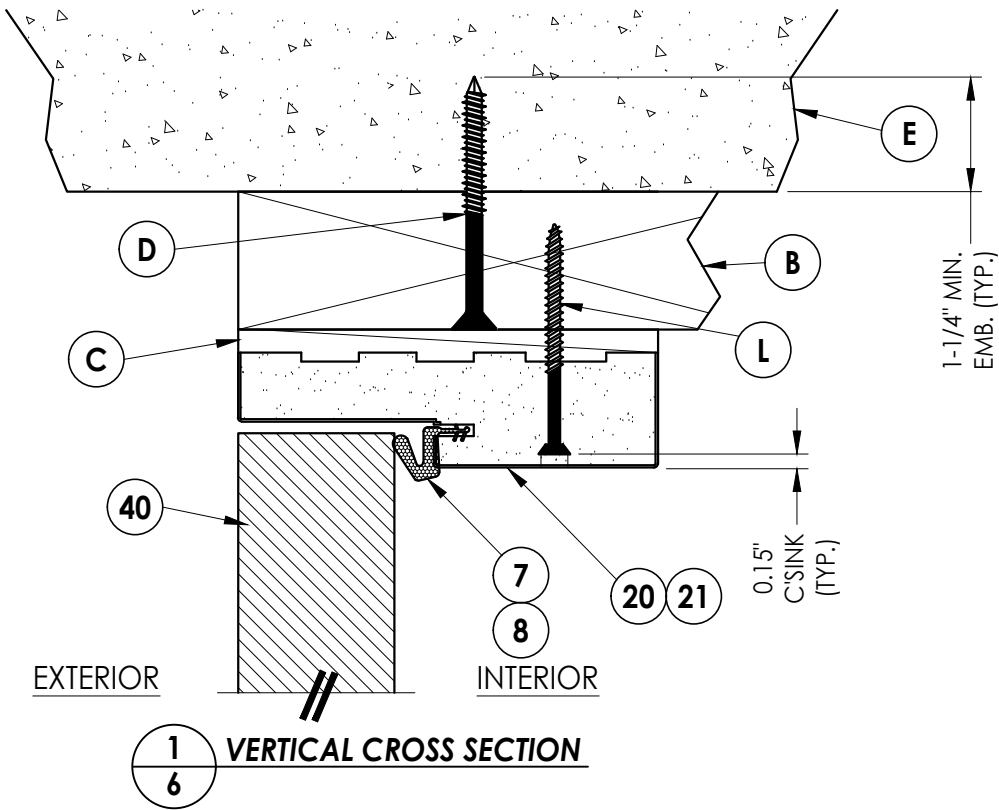
3 **HORIZONTAL CROSS SECTION**
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

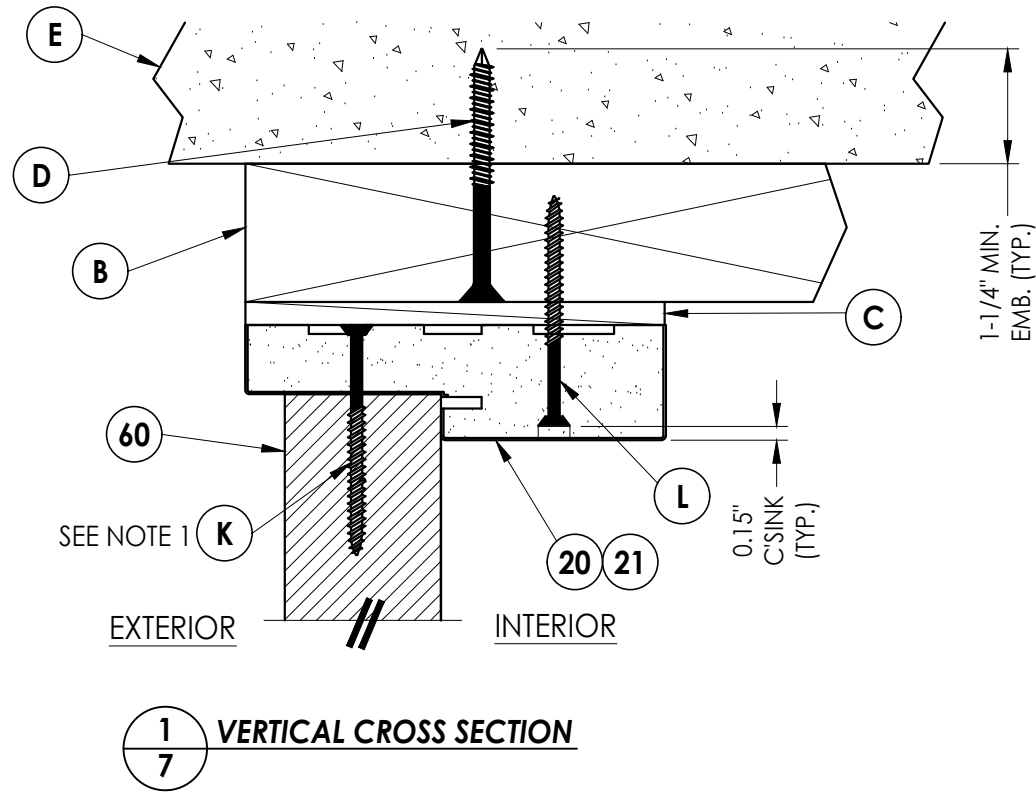
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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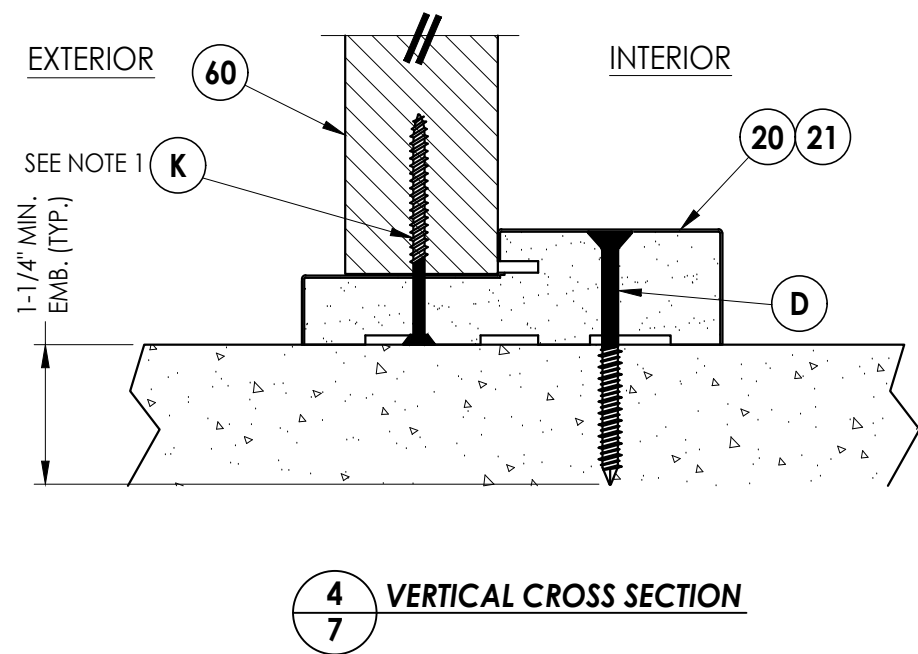
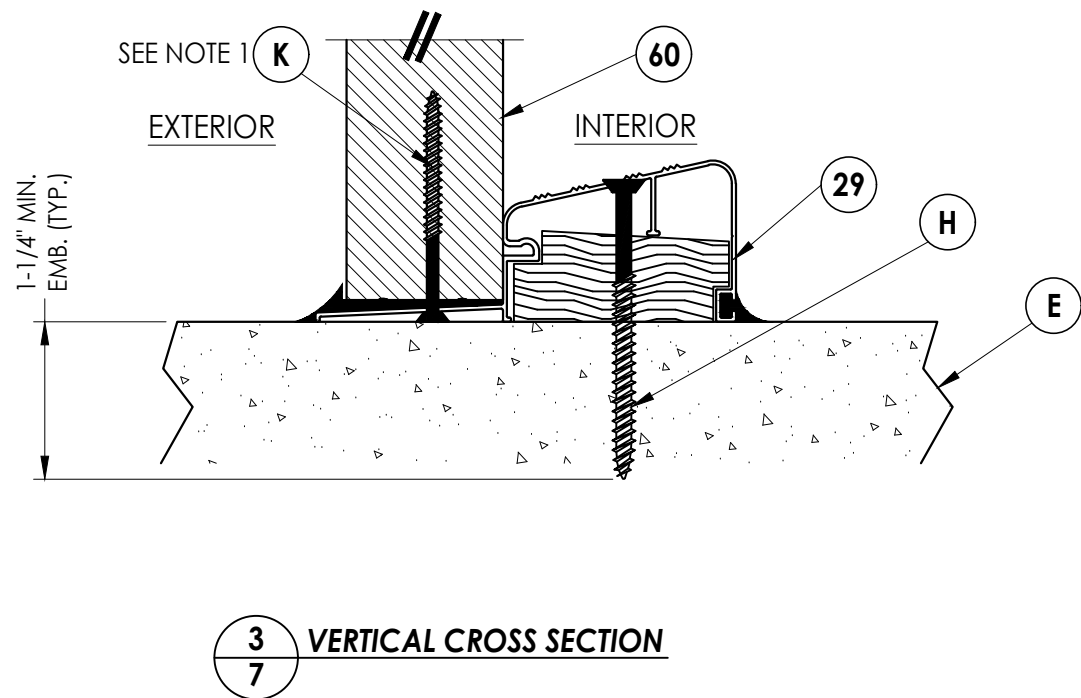
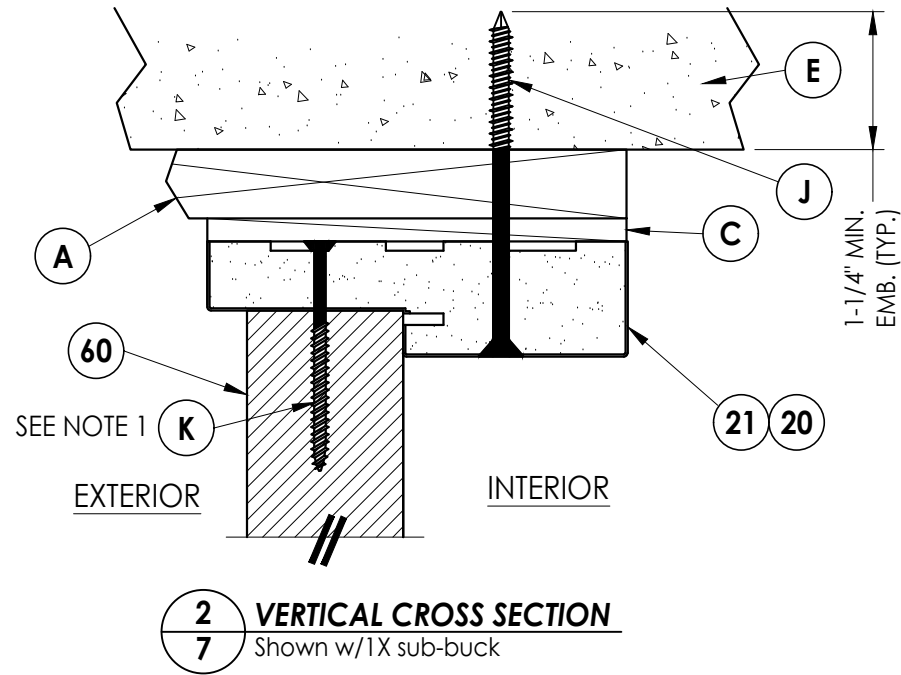


DATE: 02/21/12		DOCUMENTS PREPARED BY:	
SCALE: N.T.S.		Lyndon F. Schmidt	
DWG. BY: JK		P.E. No. 43409	
CHK. BY: LFS		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-15180.2			
SHEET 6 OF 11			
REVISIONS		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	
		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	

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



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

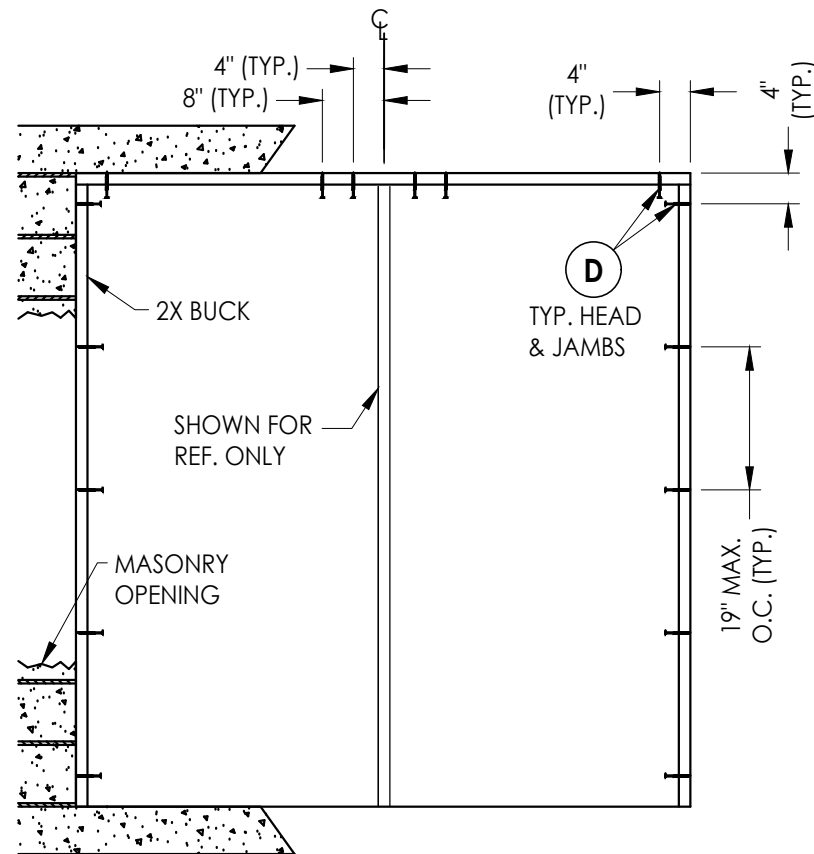
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

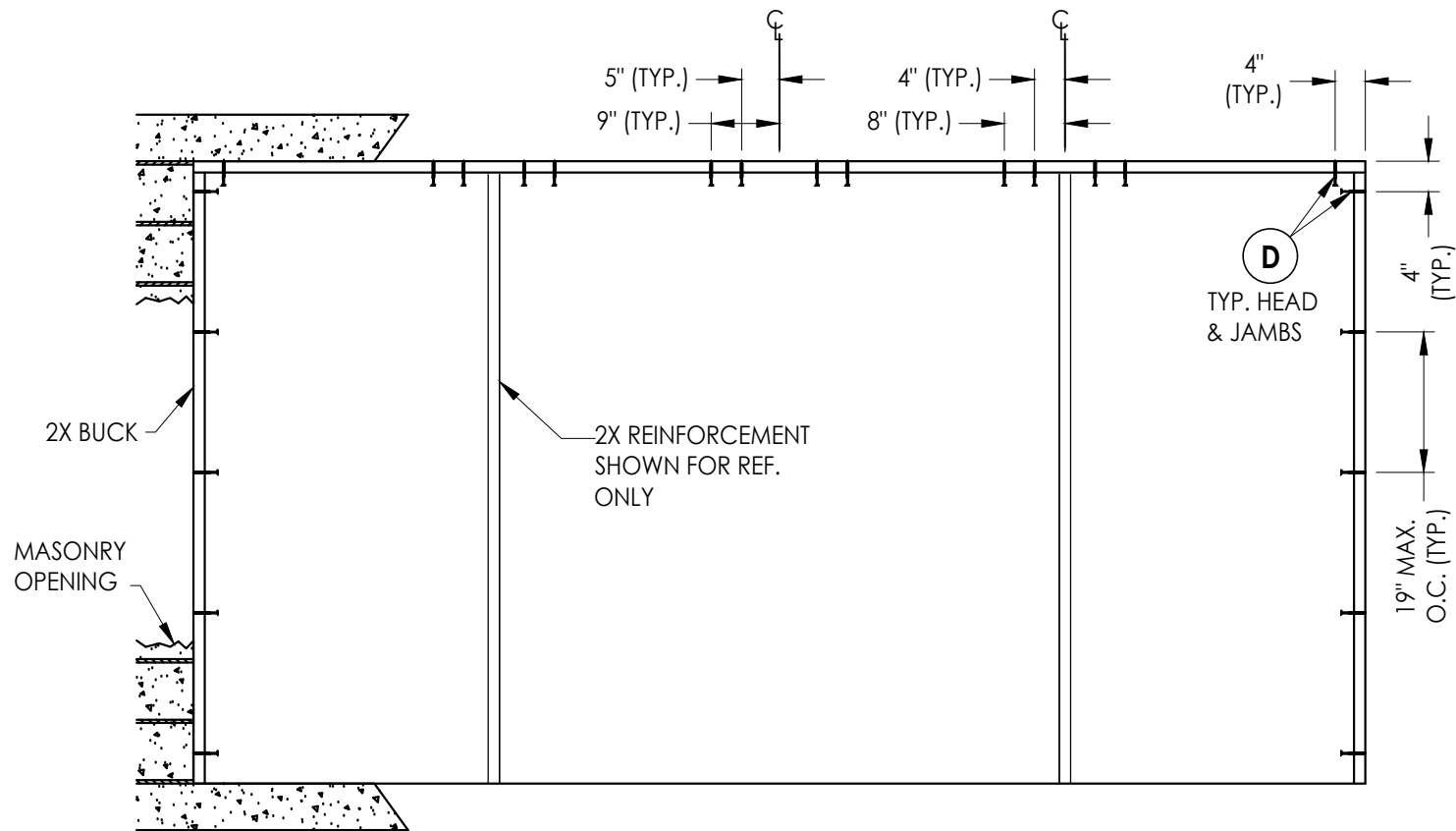
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO	DATE	REVISIONS			
		NO	DATE	BY	
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3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15180.2
SHEET 7 OF 11



BUCK ANCHORING
XX



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"

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.

4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
NO.	DATE			BY		
				REVISIONS		

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:

FL-15180.2

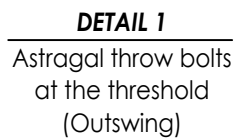
SHEET 8 OF 11

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

RW BUILDING CONSULTANTS, INC.
P.O. BOX 230 Valrico, FL 33487

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

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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:

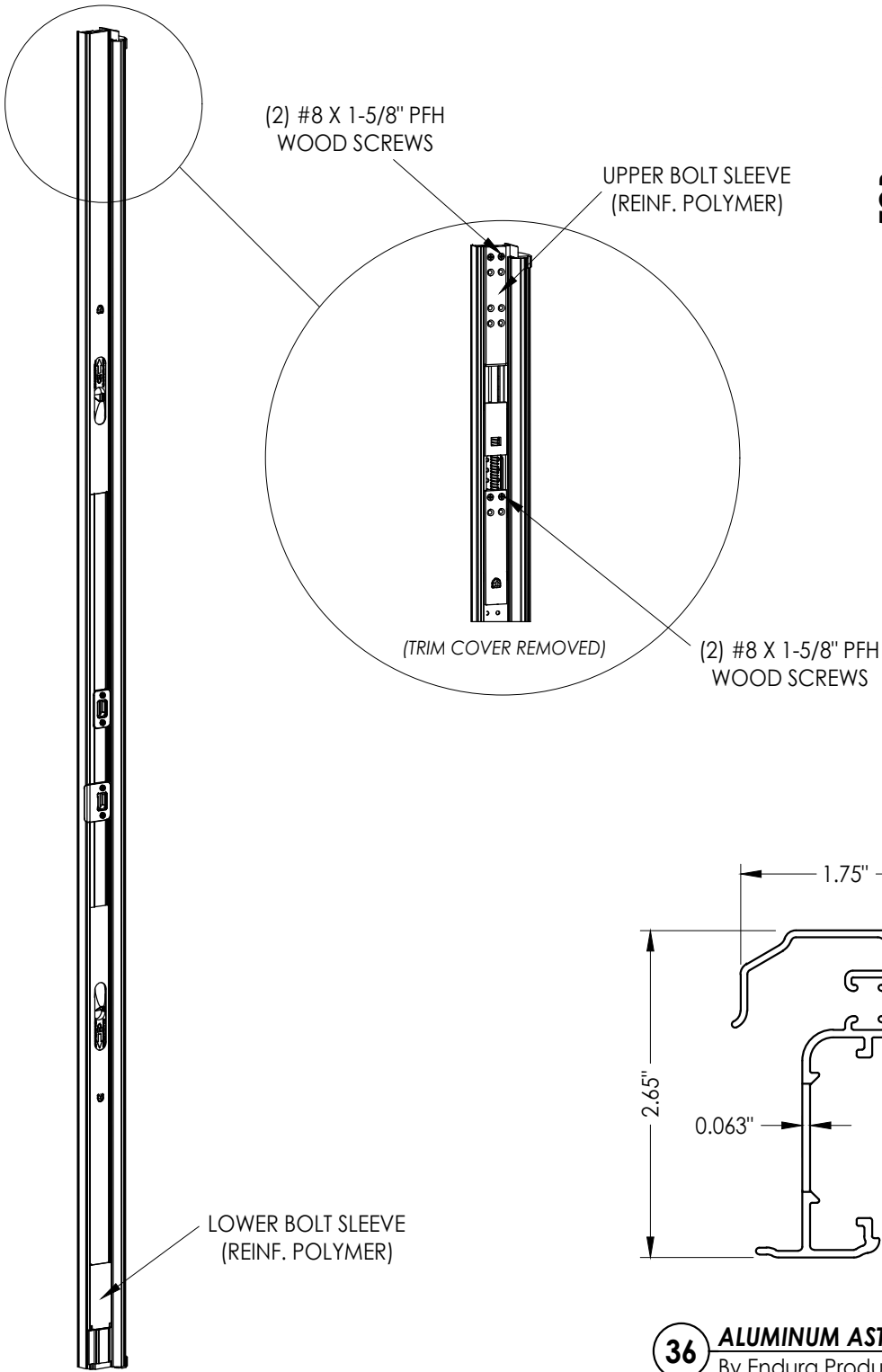
WOOD SCREW INSTALLATION NOTES:
. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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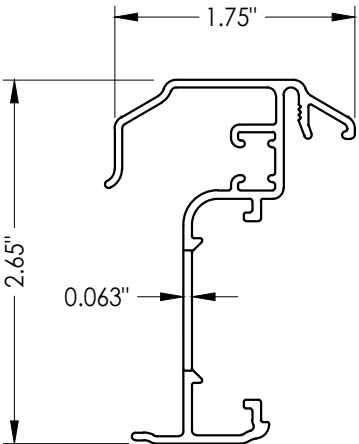
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

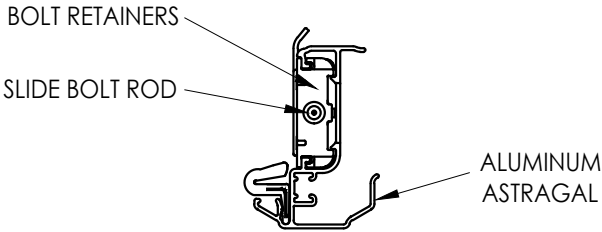
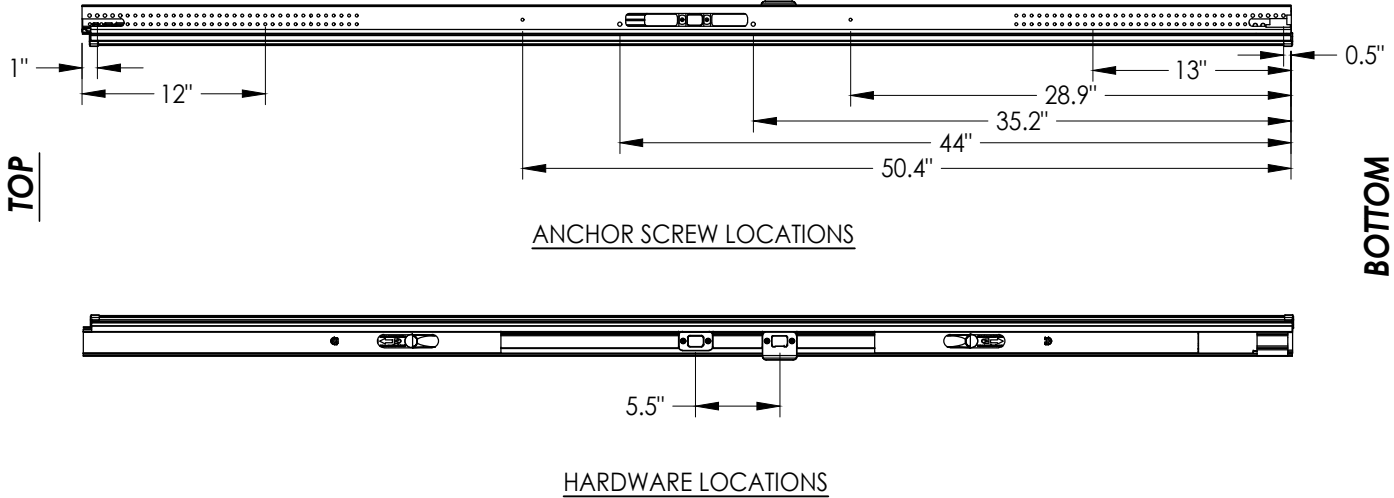
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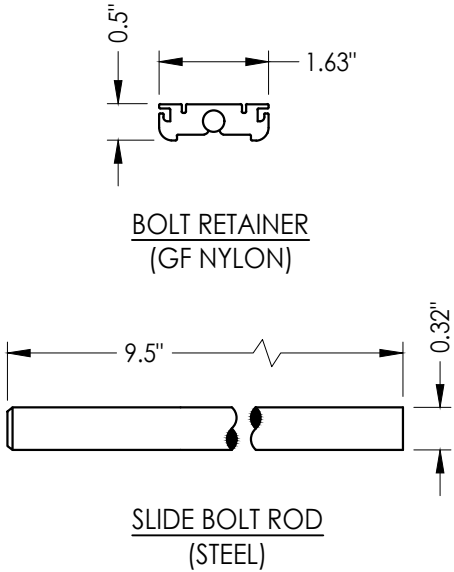
ULTIMATE HURRICANE ASTRAGAL



36 ALUMINUM ASTRAGAL
By Endura Products

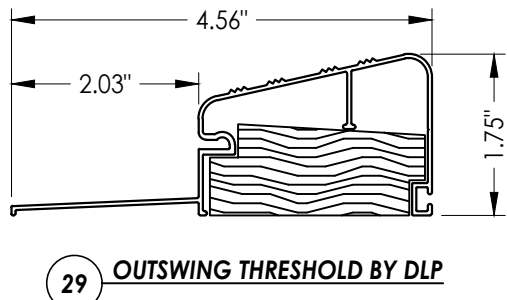
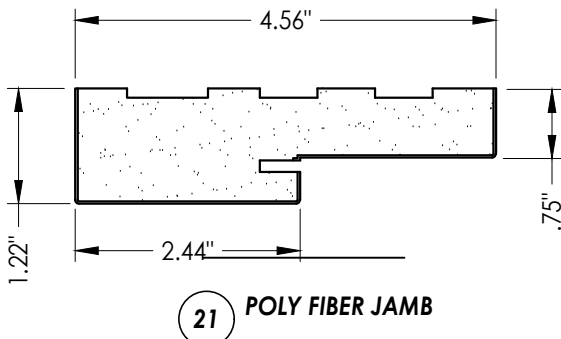
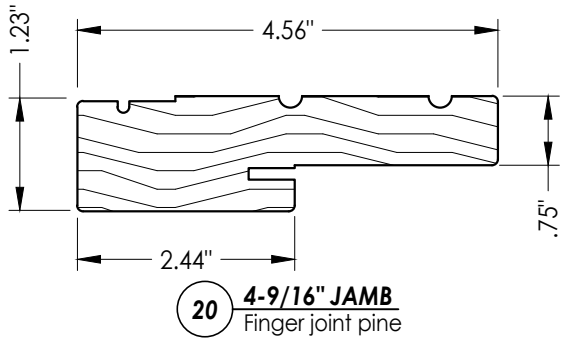


ALUMINUM ASTRAGAL ASSEMBLY



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: ASTRAGAL DETAILS			
				LFS	FBC		
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	FBC		
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	FBC		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	FBC		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	FBC		
	NO.	DATE		BY			
				REVISIONS			
DATE: 02/21/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15180.2							
SHEET 10 OF 11							

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" 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 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHERSTRIP (ENDURA)	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 (SCHLEGEL)	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD (DLP)	ALUM./WOOD
36	EXTRUDED ALUMINUM "ULTIMATE HURRICANE ASTRAGAL" BY ENDURA	ALUMINUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
87	ASTRAGAL STRIKE PLATE	STEEL
88	2X REINFORCEMENT (CLEAR PINE: SG >= 0.49)	WOOD

[illegible]