



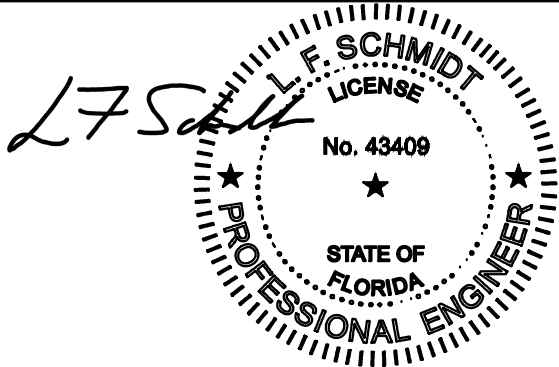
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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".

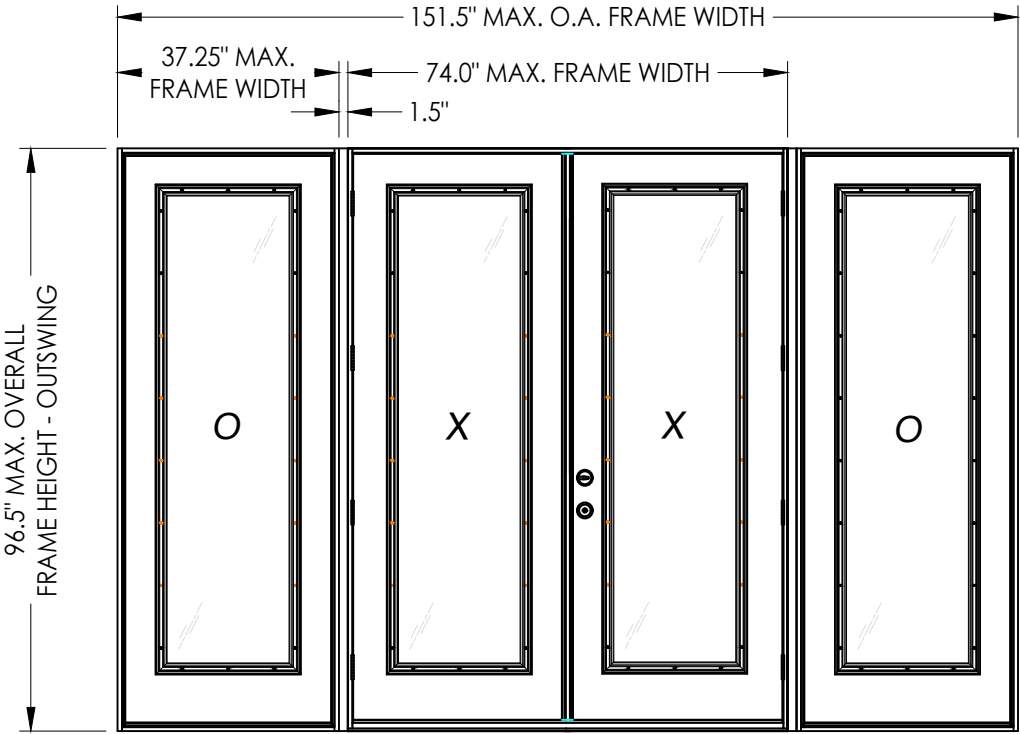
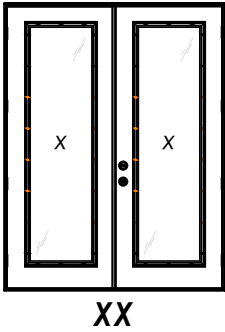
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Sidelite panel details and glazing detail
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.15 14:07:07 -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



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE
XX	74" X 96.5"	20.63" X 78.75"	+45.0	-45.0
OXXO	151.5" X 96.5"	20.63" X 78.75"	+45.0	-45.0

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

PLASTPRO INC
FIBERGLASS DOOR

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

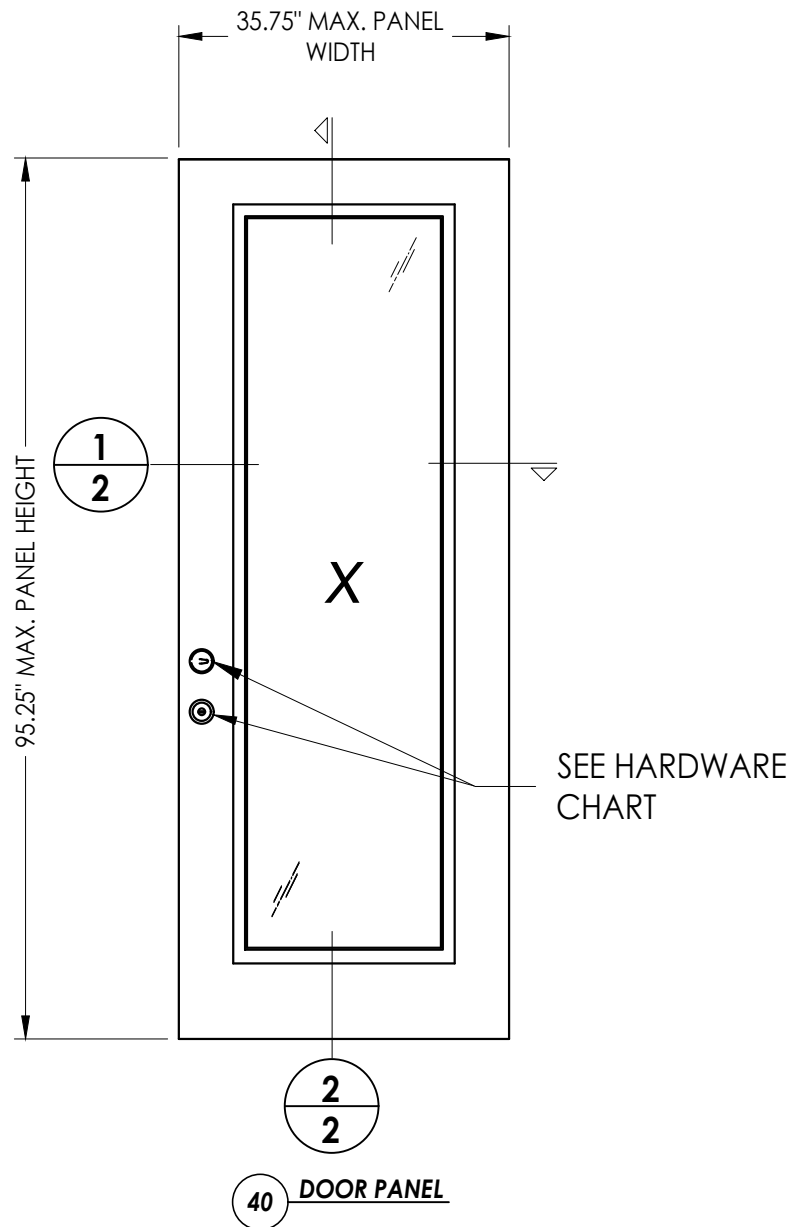
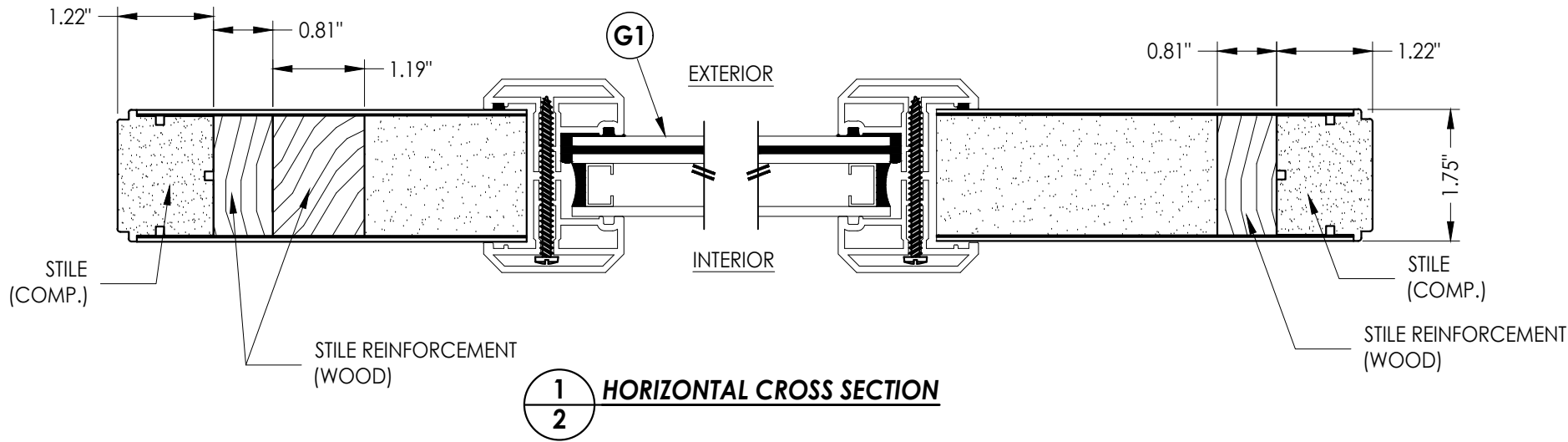
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3	7/23/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.4
SHEET 1 OF 11

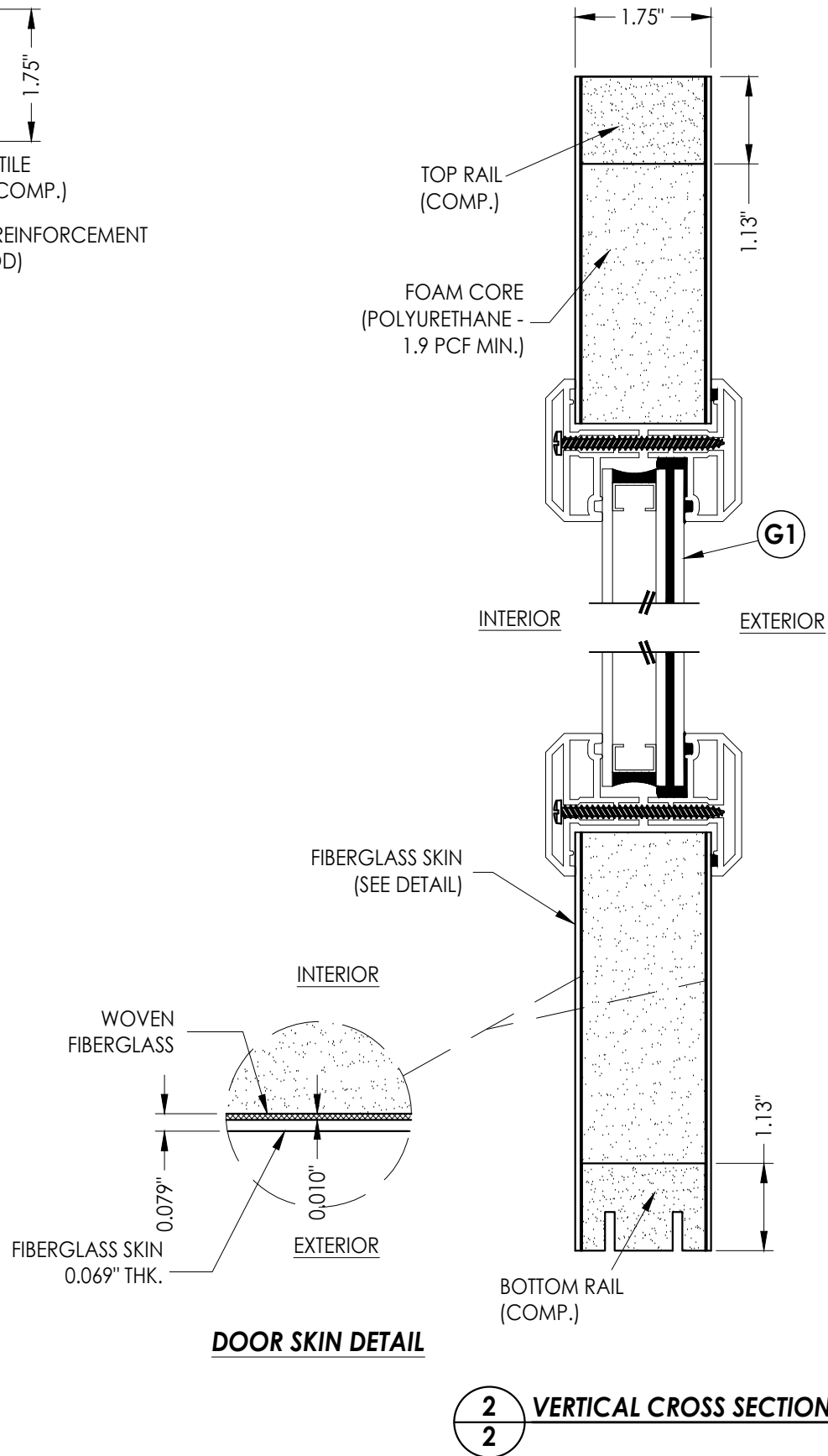
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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HARDWARE CHART		
MANUFACTURER	MODEL	
Kwikset	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
Yale	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)



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:
DOOR PANEL DETAILS
AND GLAZING DETAIL

					REVISIONS		
					NO	DATE	BY
	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

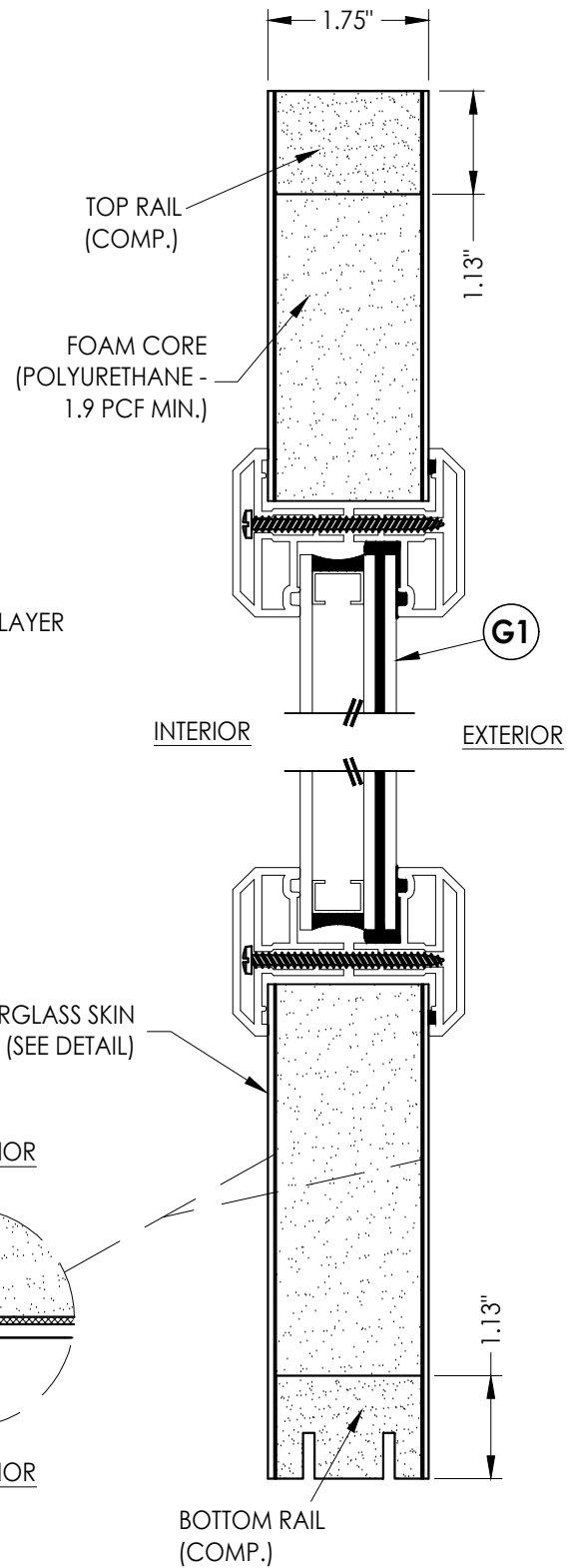
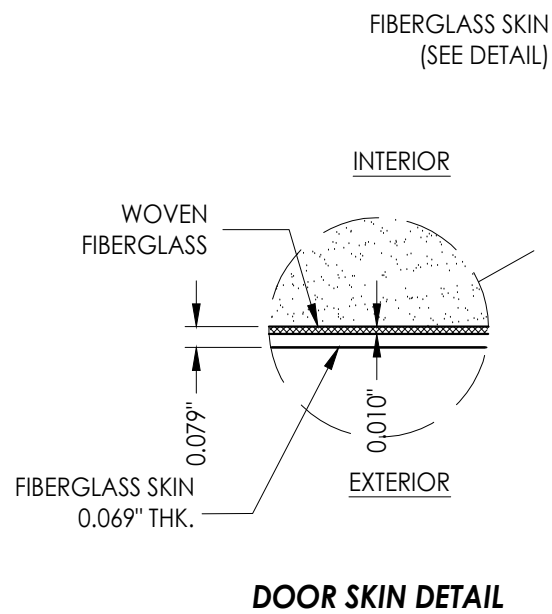
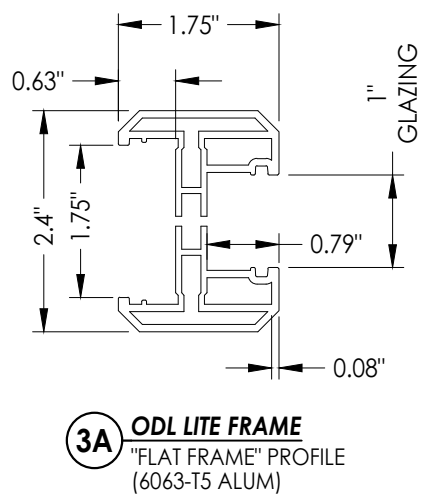
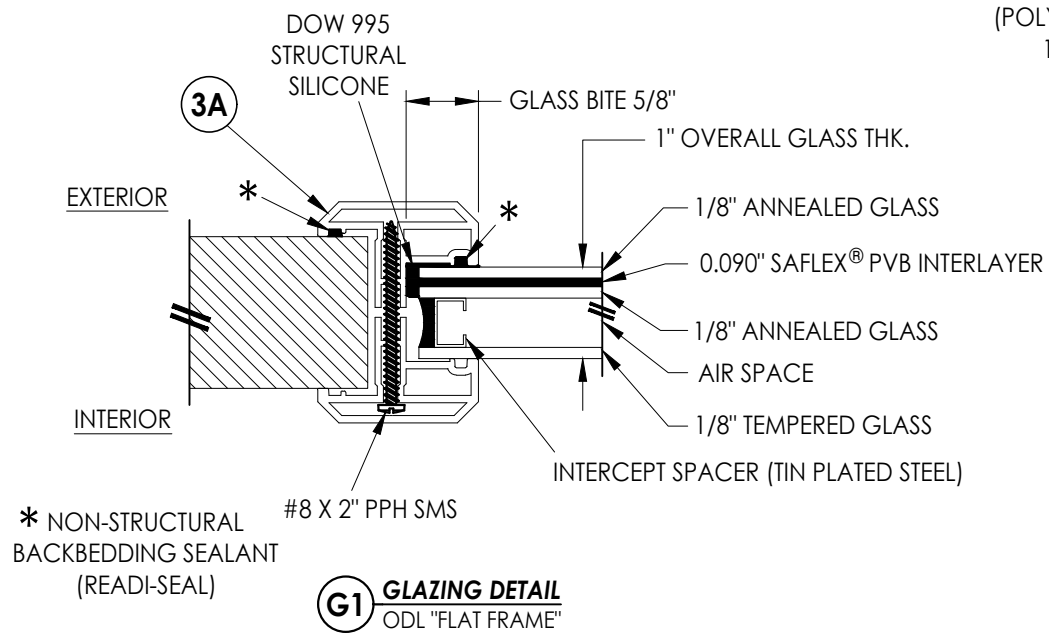
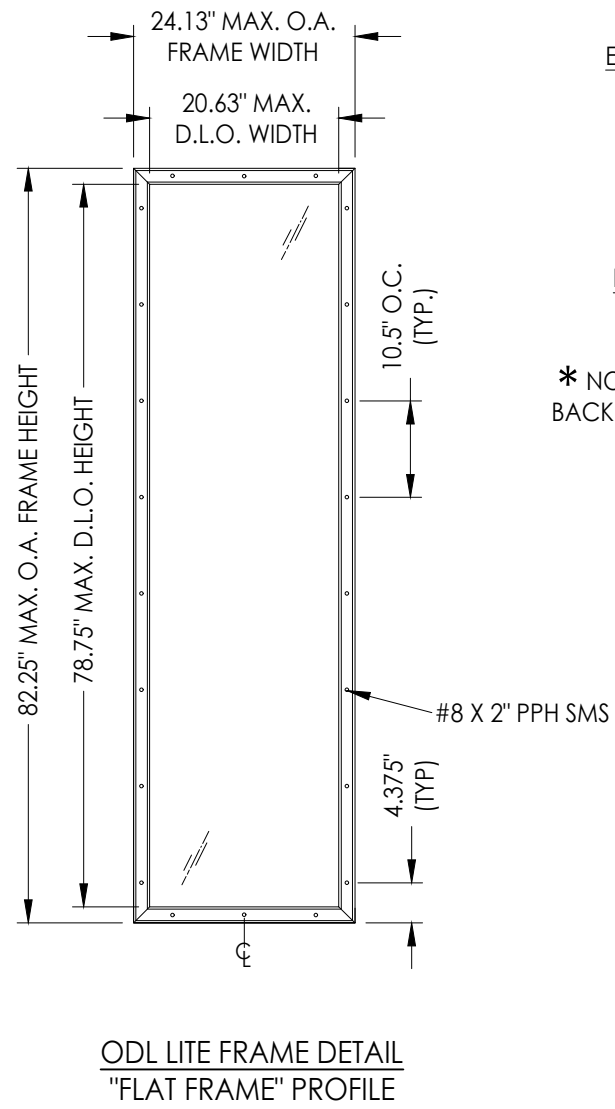
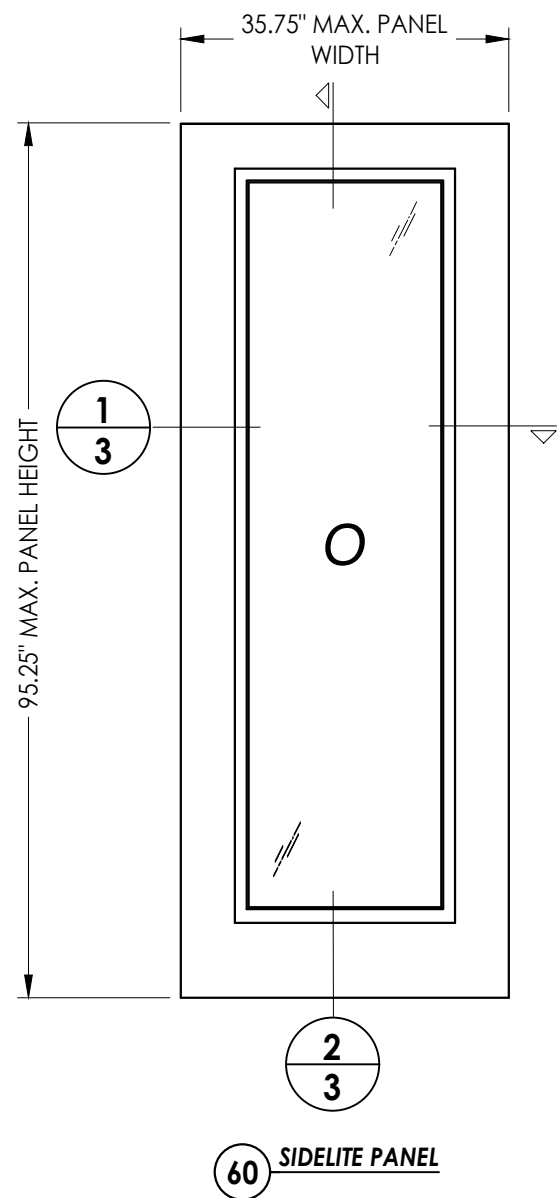
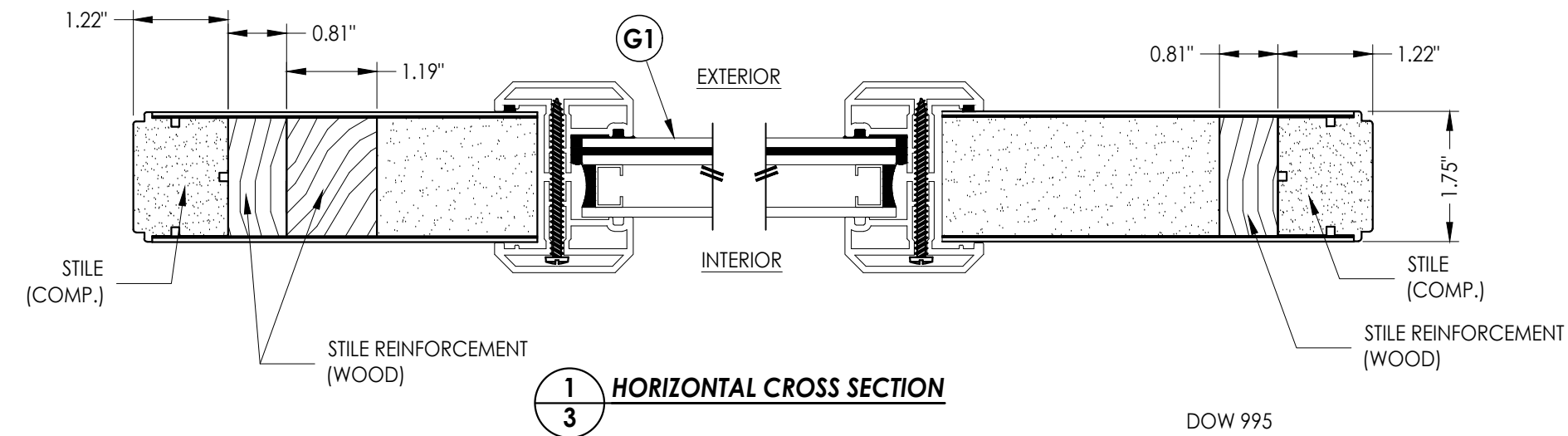
CHK. BY: LFS

DRAWING NO.:

FL-15180.4

SHEET 2 OF 11

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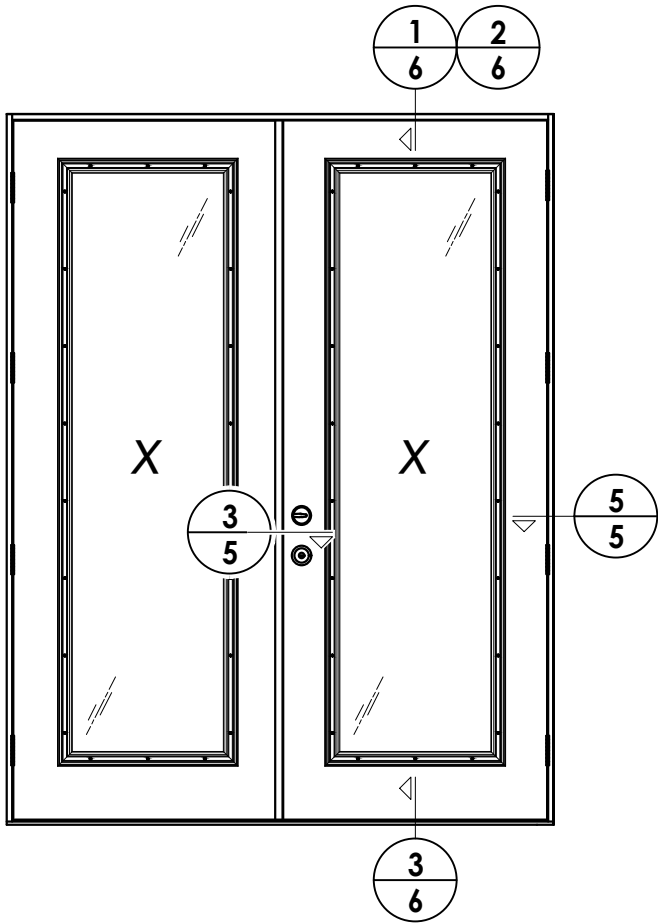
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS
AND GLAZING DETAIL

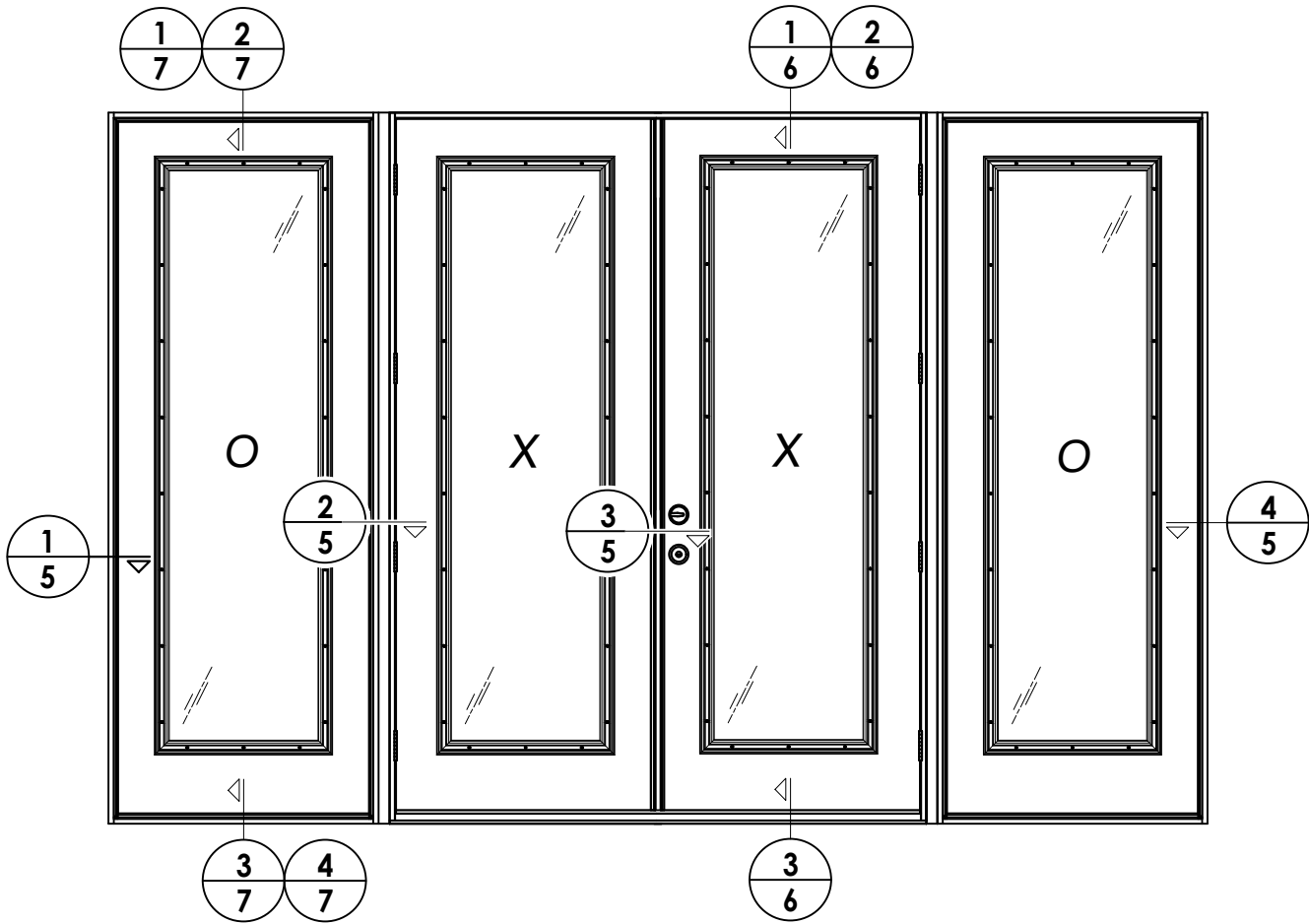
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.4
SHEET 3 OF 11

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FBPE Registry No. 9813

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ELEVATION (XX)



ELEVATION (OXXO)

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

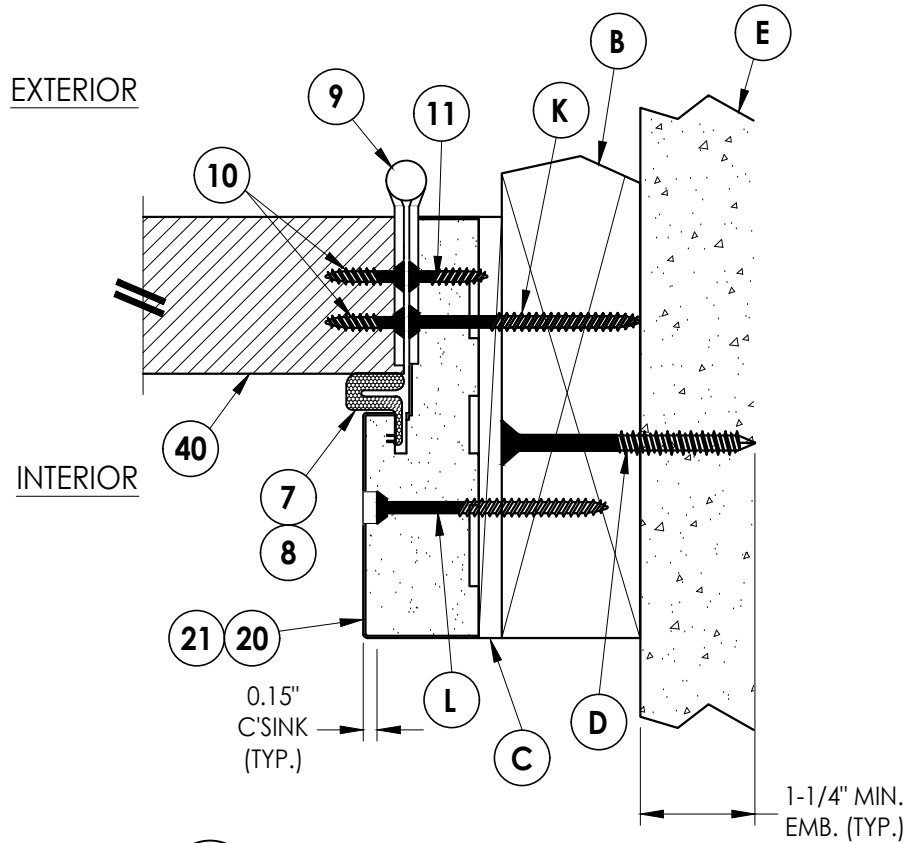
DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.4
SHEET 4 OF 11

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR
PART OR ASSEMBLY:
ELEVATIONS

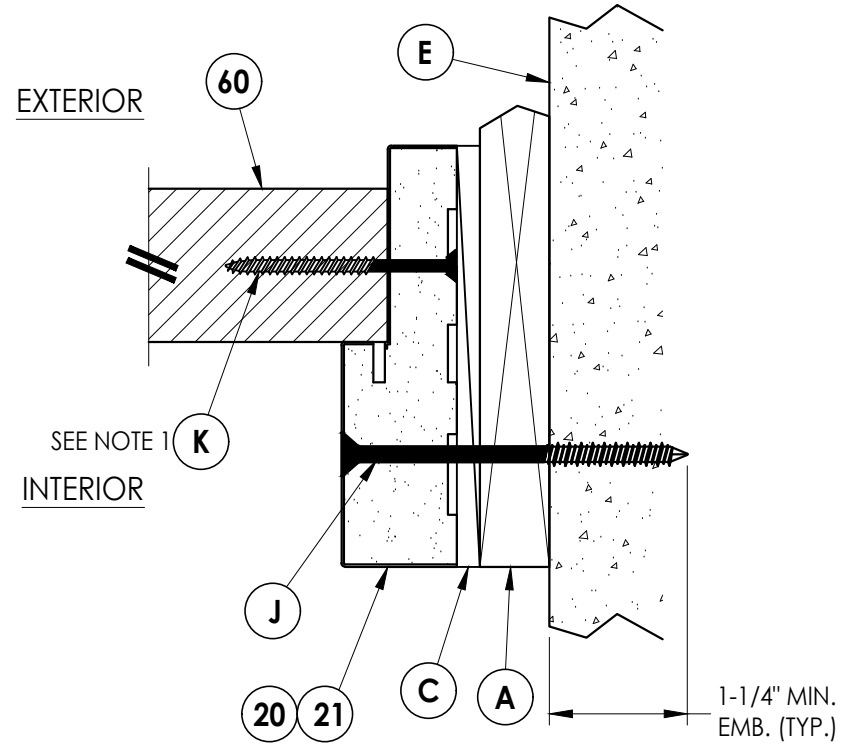
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Phone No.: 813.659.9197
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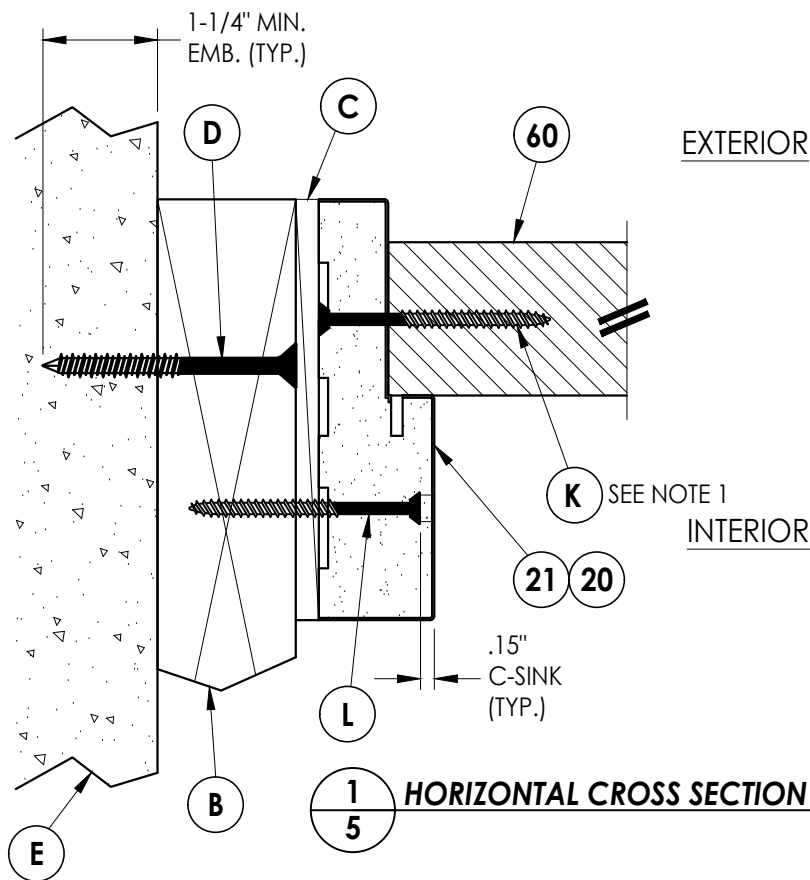
NOTE:
1. Spacing for item K: 6" from ends
and 8 more equally spaced along
sidelite (10 total).



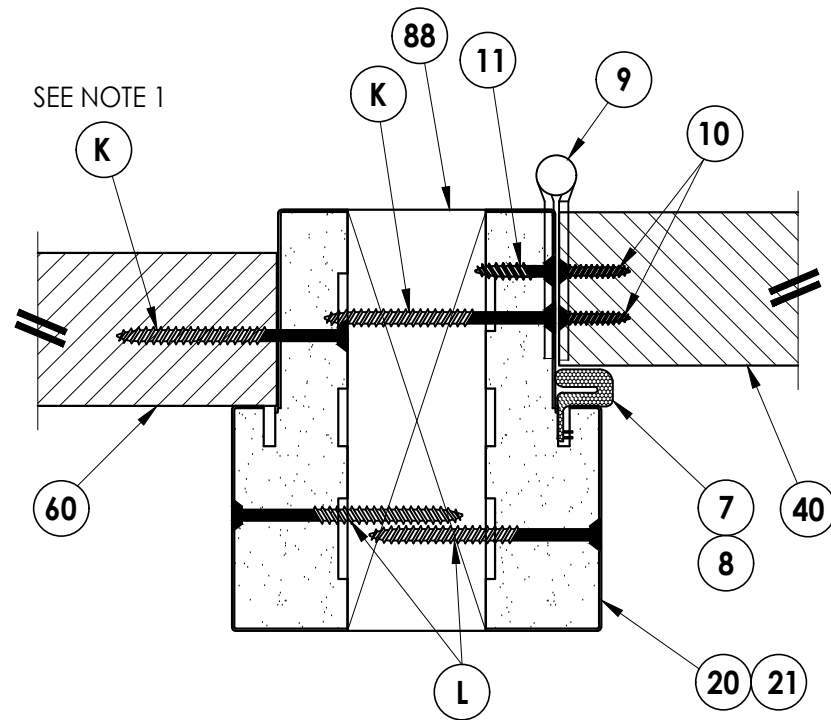
5
5 HORIZONTAL CROSS SECTION



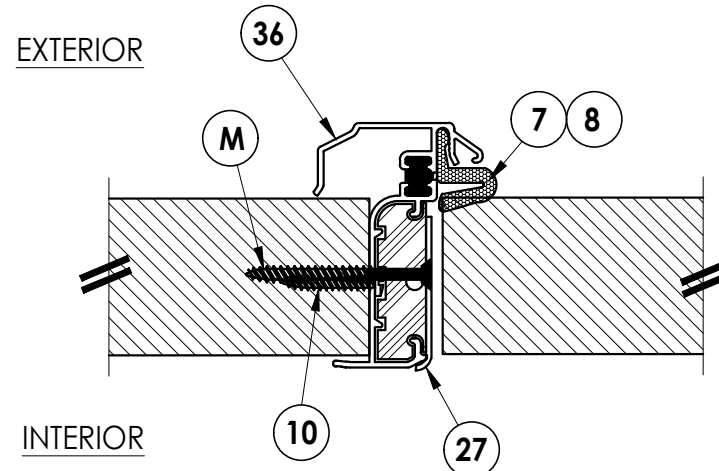
4
5 HORIZONTAL CROSS SECTION
Shown w/1X sub-buck



1
5 HORIZONTAL CROSS SECTION



2
5 HORIZONTAL CROSS SECTION



3
5 HORIZONTAL CROSS SECTION

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

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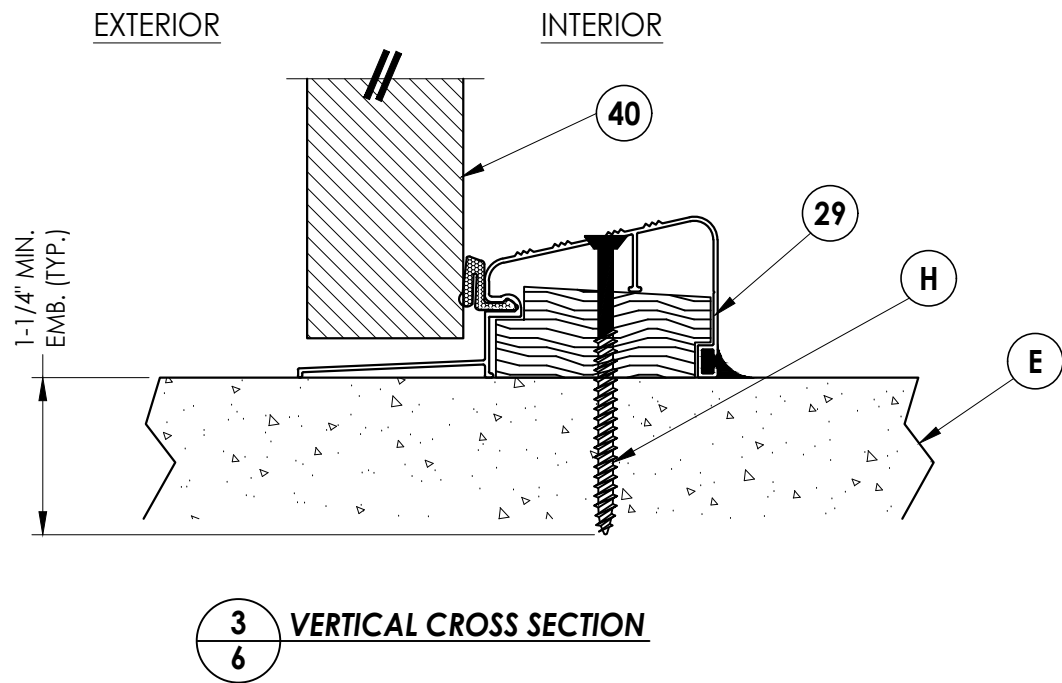
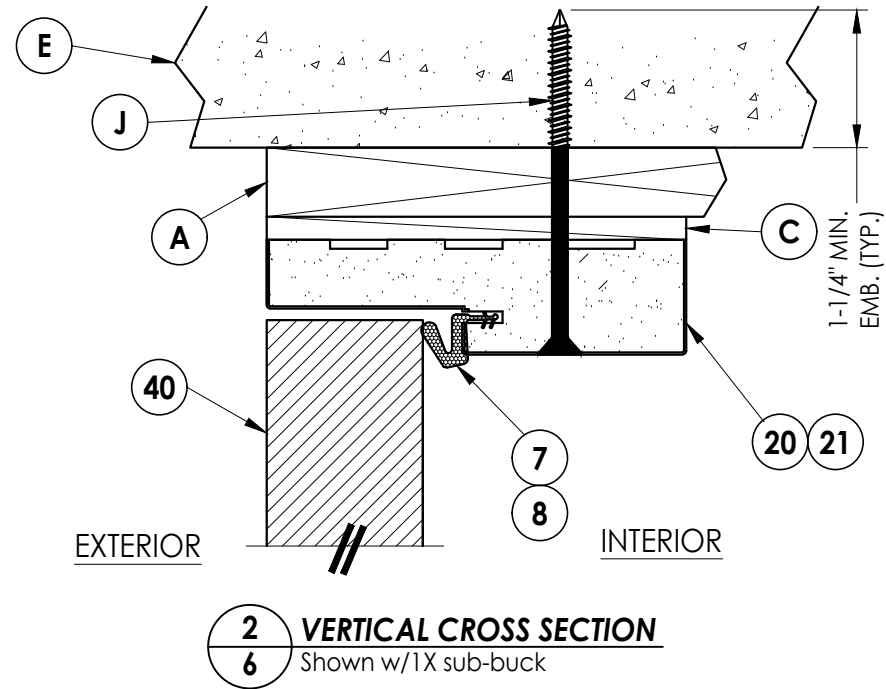
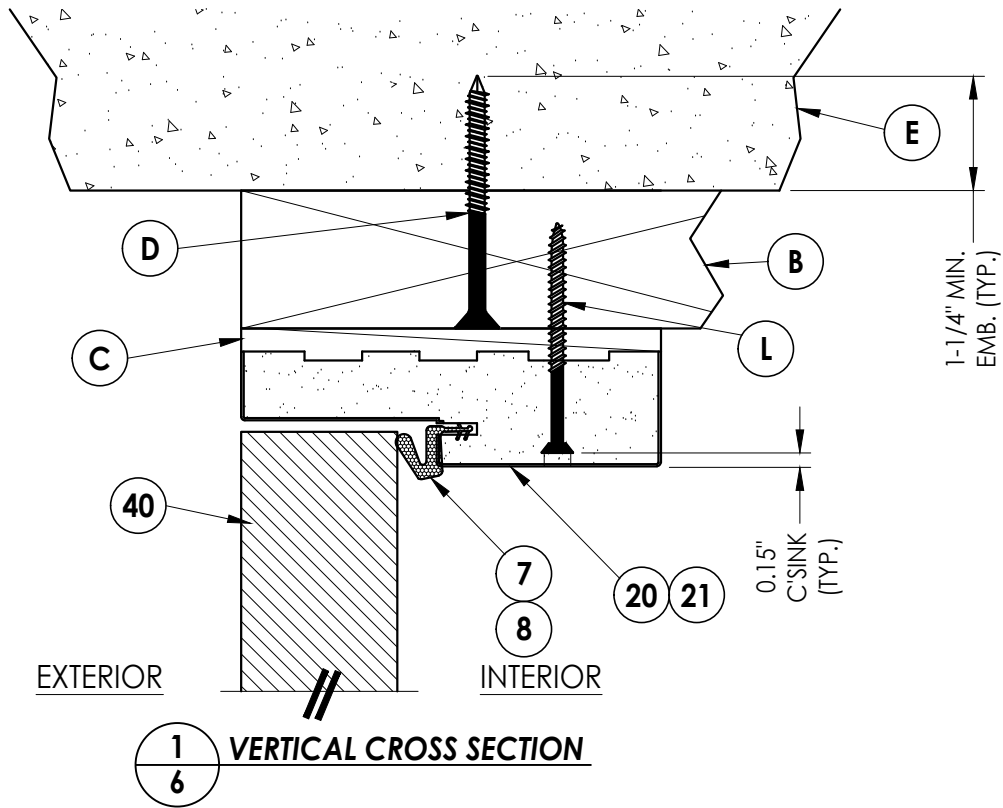
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY
4	8/15/23	JK
3	7/23/20	JK
2	7/24/17	JK
1	04/22/15	JK

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15180.4
SHEET 5 OF 11

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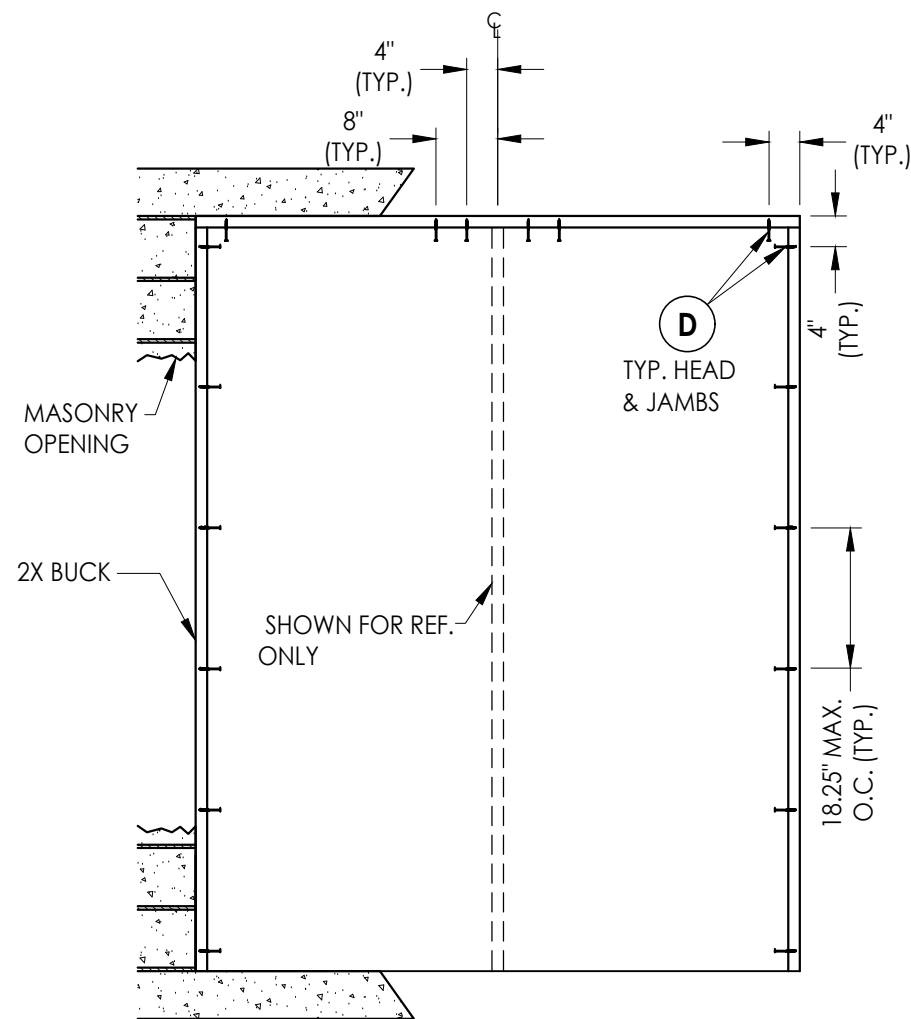


NO.	DATE	REVISIONS
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2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

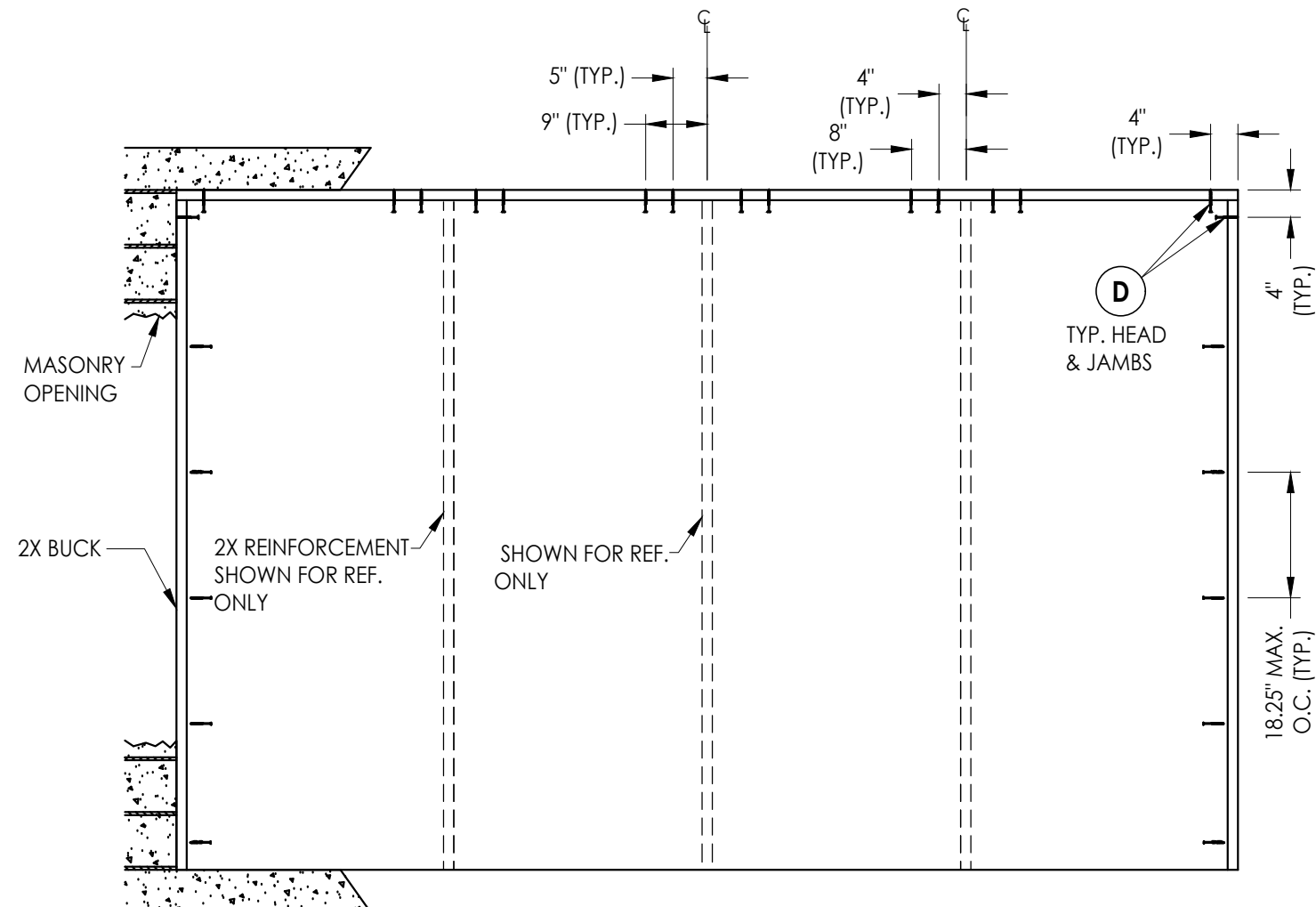
DATE: 02/21/12
SCALE: N.T.S.
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CHK. BY: LFS
DRAWING NO.: FL-15180.4
SHEET 6 OF 11

PRODUCT: PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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



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 ULTRAON®	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.

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

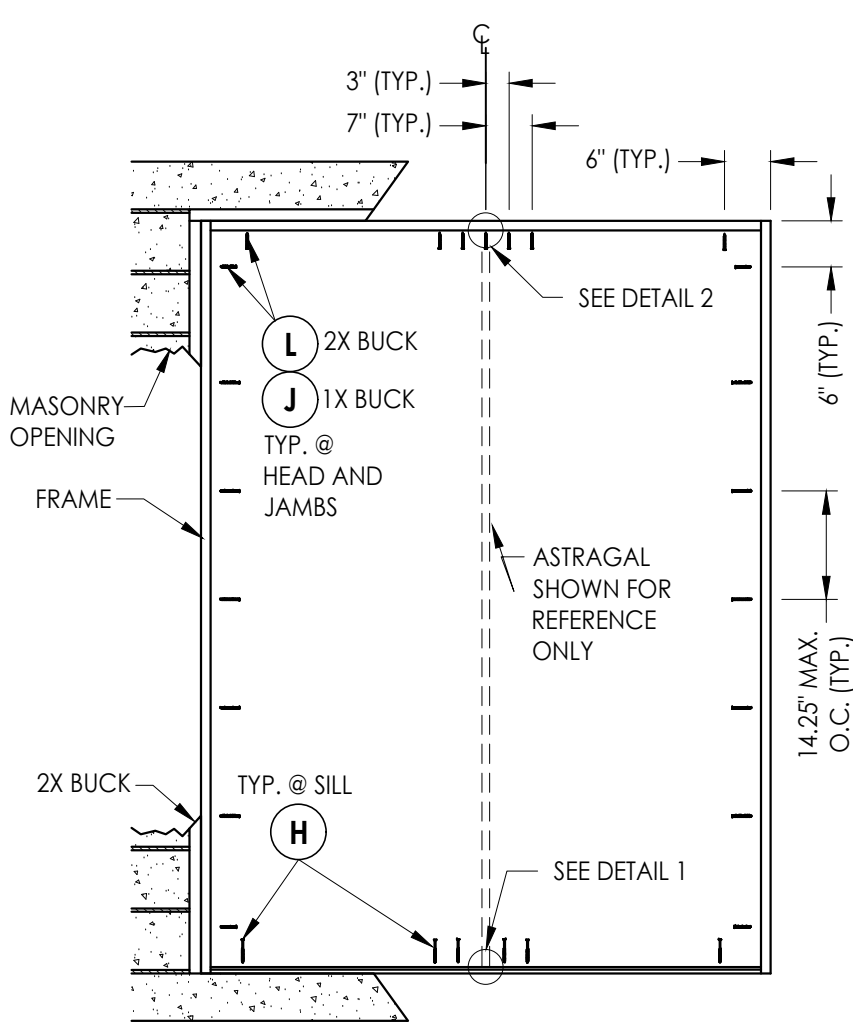
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

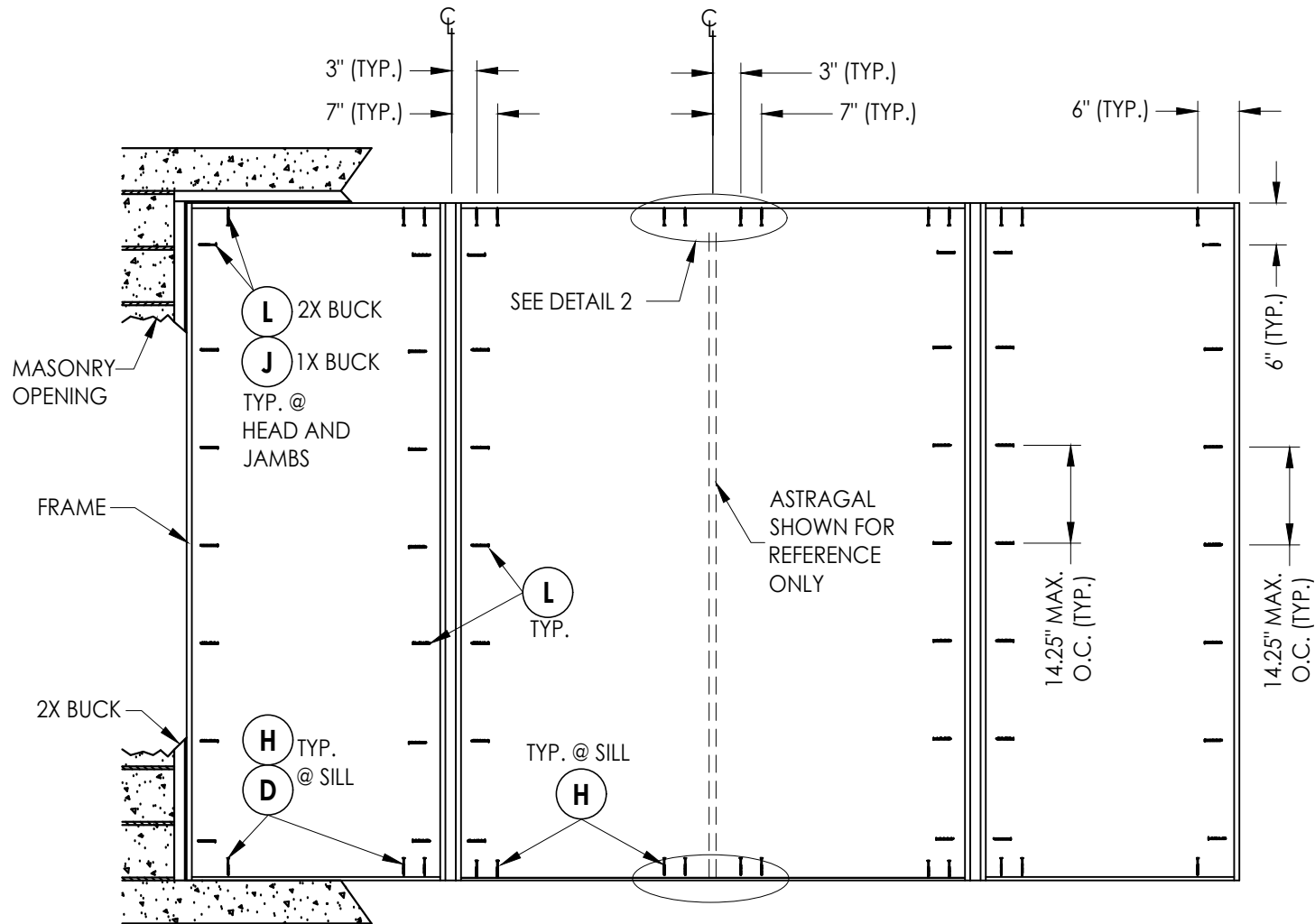
PART OR ASSEMBLY:
BUCK ANCHORING

[illegible]

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FRAME ANCHORING
XX



FRAME ANCHORING
OXXO

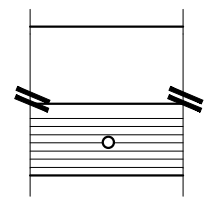
CONCRETE ANCHOR NOTES:

- 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:

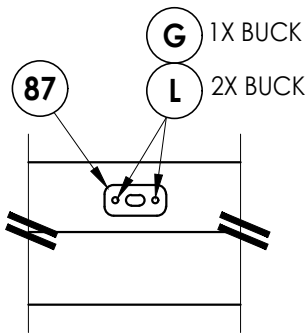
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

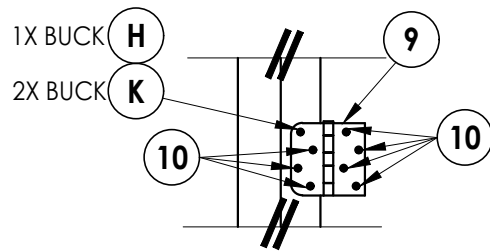
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



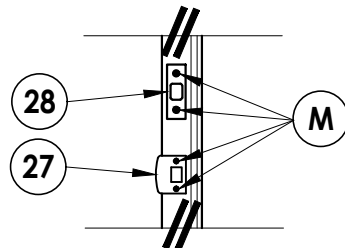
DETAIL 1
Astragal throw bolts
at the threshold



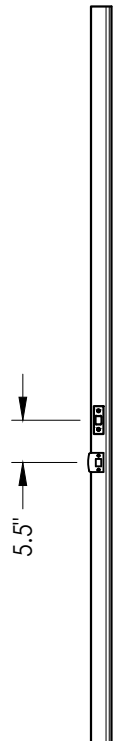
DETAIL 2
Attach astragal throw bolt
strike plate to frame



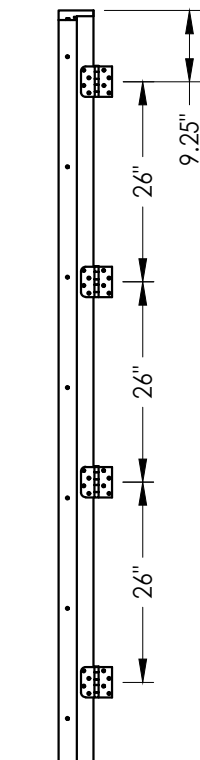
HINGE DETAIL



LATCH & DEAD BOLT DETAIL



ASTRAGAL
STRIKE JAMB



HINGE JAMB

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

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

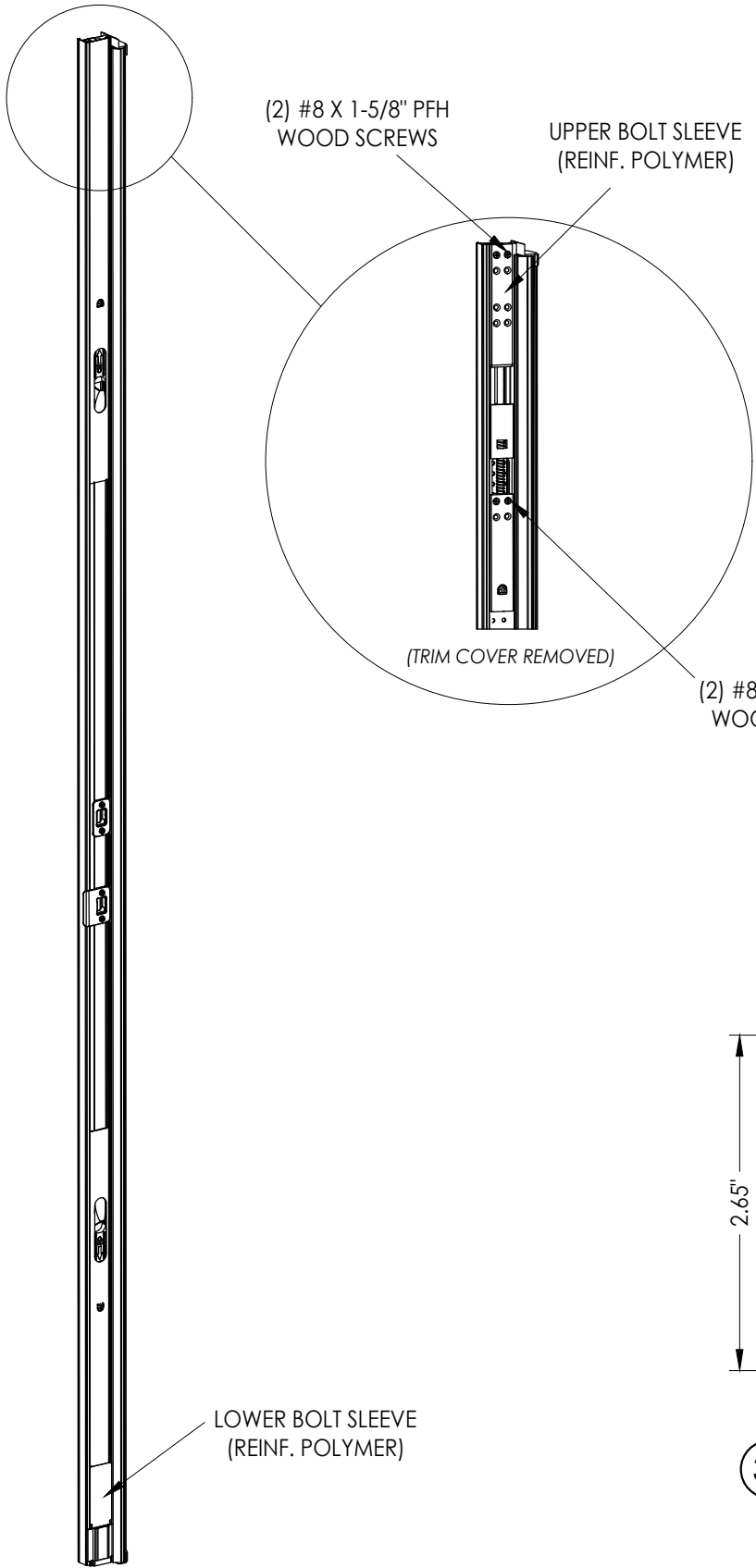
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
FRAME ANCHORING

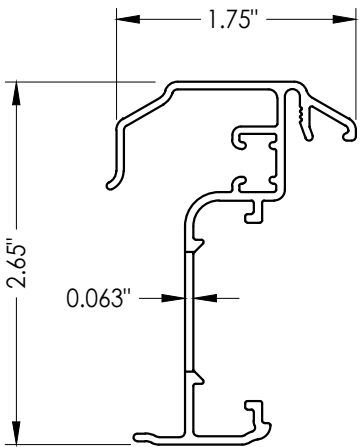
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DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.4
SHEET 9 OF 11

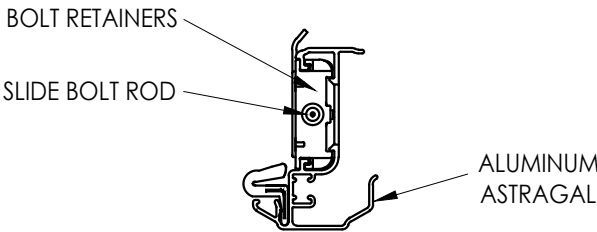
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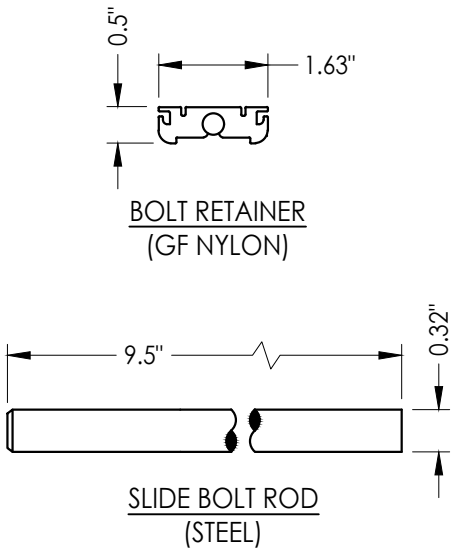
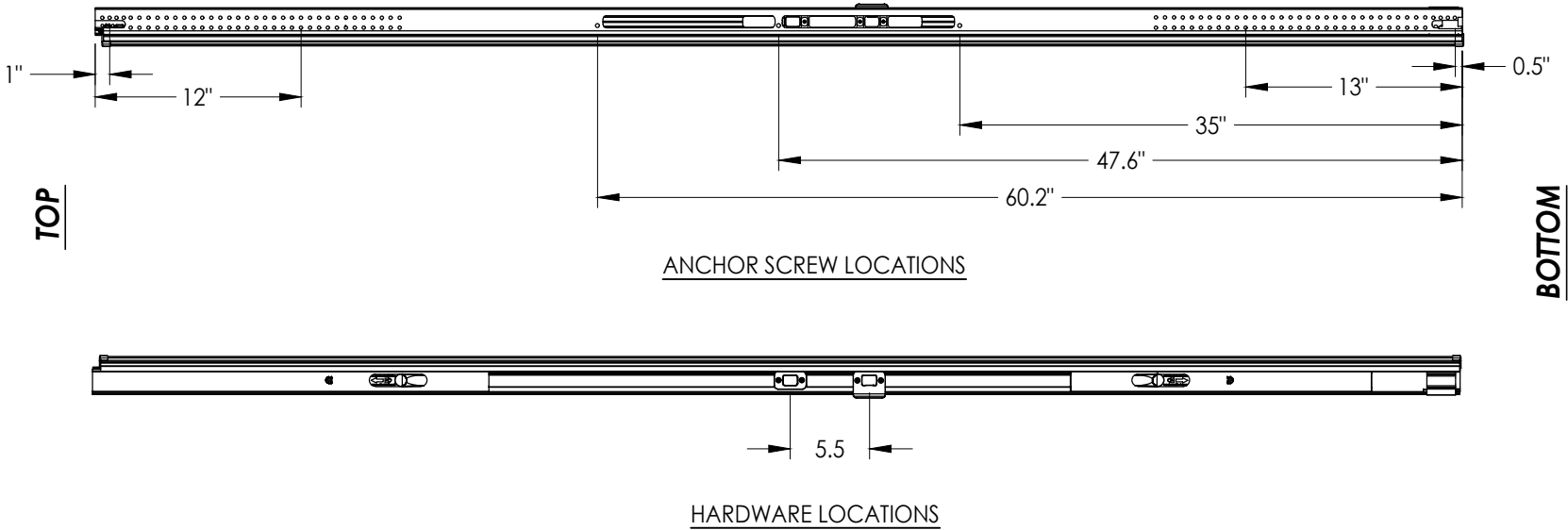
ULTIMATE HURRICANE ASTRAGAL



36 **ALUMINUM ASTRAGAL**
By Endura Products

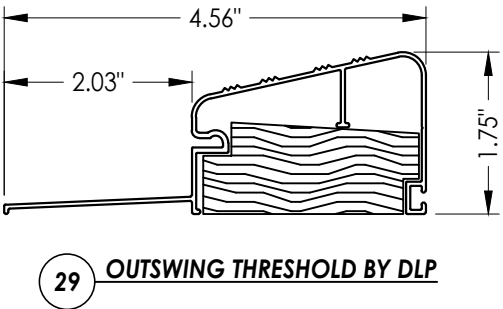
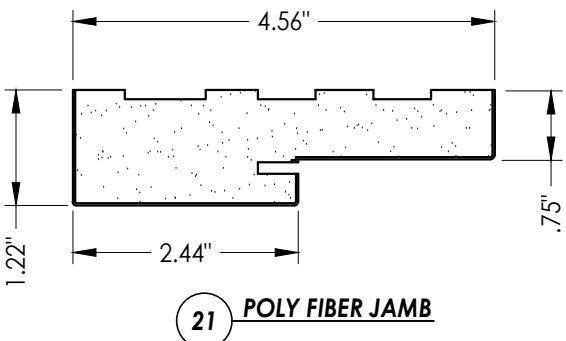
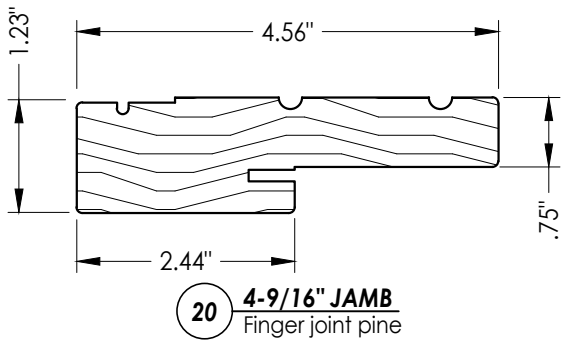


ALUMINUM ASTRAGAL ASSEMBLY



Documents Prepared By:		PLASTPRO INC.		BUILDING CONSULTANTS, INC.	
Lyndon F. Schmidt		FIBERGLASS DOOR		P.O. Box 230, Valrico, FL 33595	
P.E. No. 43409		PART OR ASSEMBLY:		Phone No.: 813.659.9197	
		ASTRAGAL DETAILS		FBPE Registry No. 9813	
				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	
	NO.	DATE		BY	
DATE: 02/21/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15180.4					
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
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" (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



DATE: 02/21/12		DOCUMENTS PREPARED BY:	
SCALE: N.T.S.		Lyndon F. Schmidt	
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