



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

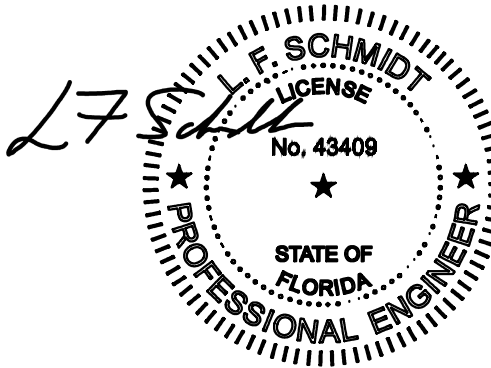
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements 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 outside of the "HVHZ" 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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud 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". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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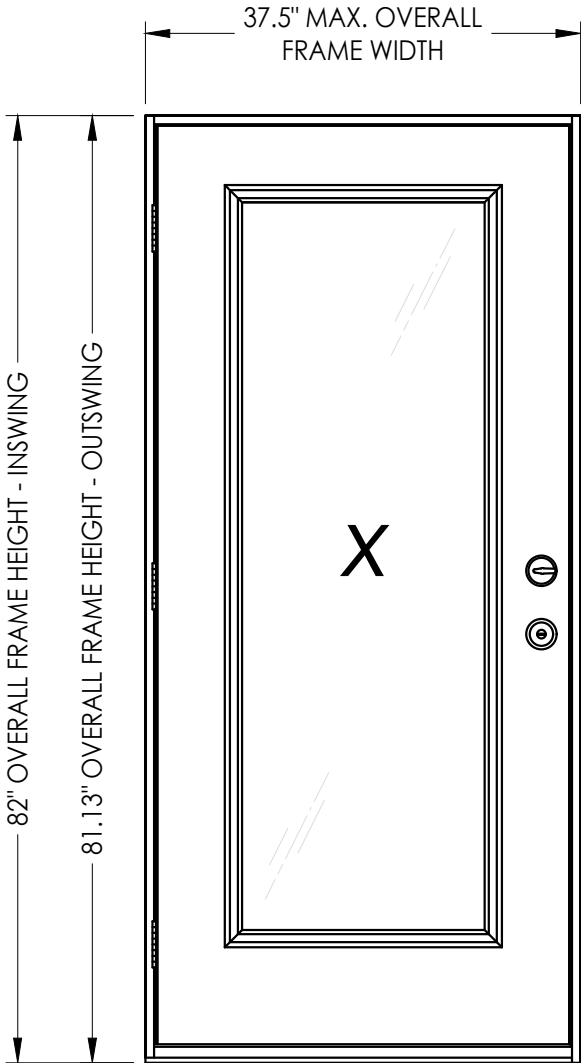
SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes	8	Horizontal & Vertical Cross Sections (Direct to Masonry)
2	Door Panel Details	9	3-point lock details
3	Lite frame details and glazing details	10	3-point lock details
4	Horizontal & Vertical Cross Sections (2X Buck)	11	Buck and frame anchoring
5	Horizontal & Vertical Cross Sections (1X Buck)	12	Components
6	Horizontal & Vertical Cross Sections (Direct to Masonry)	13	Bill of materials
7	Vertical Cross Sections (Thresholds)		



Digitally signed by Lyndon F Schmidt
Date: 2023.08.22 08:13:23 -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	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
X	37.5" x 82.0"	+65.0	-65.0

See Sheet 2 for hardware design pressure limitations

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

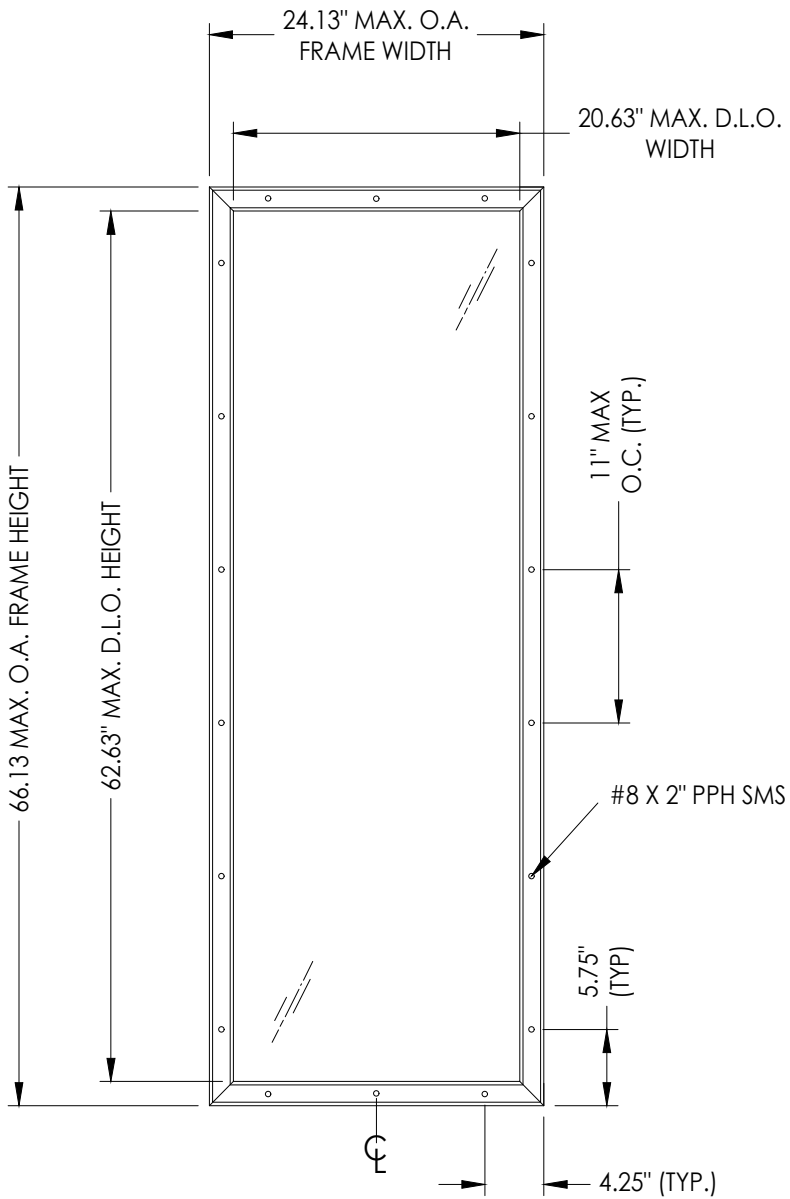
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

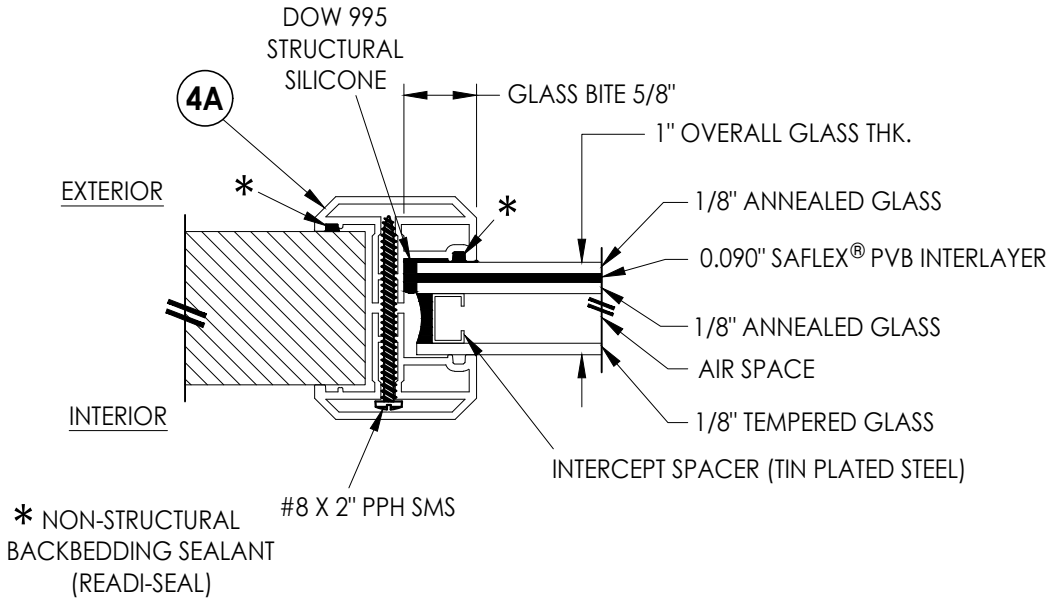
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		DATE	BY	JK	LFS
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3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	BY	

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.4
SHEET 1 OF 13

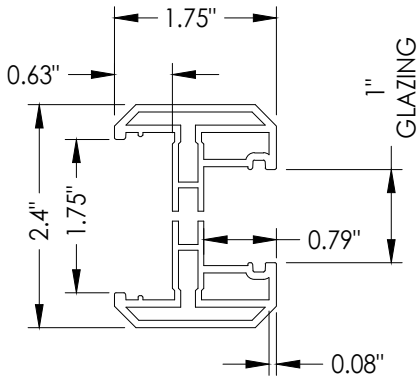
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ODL LITE FRAME



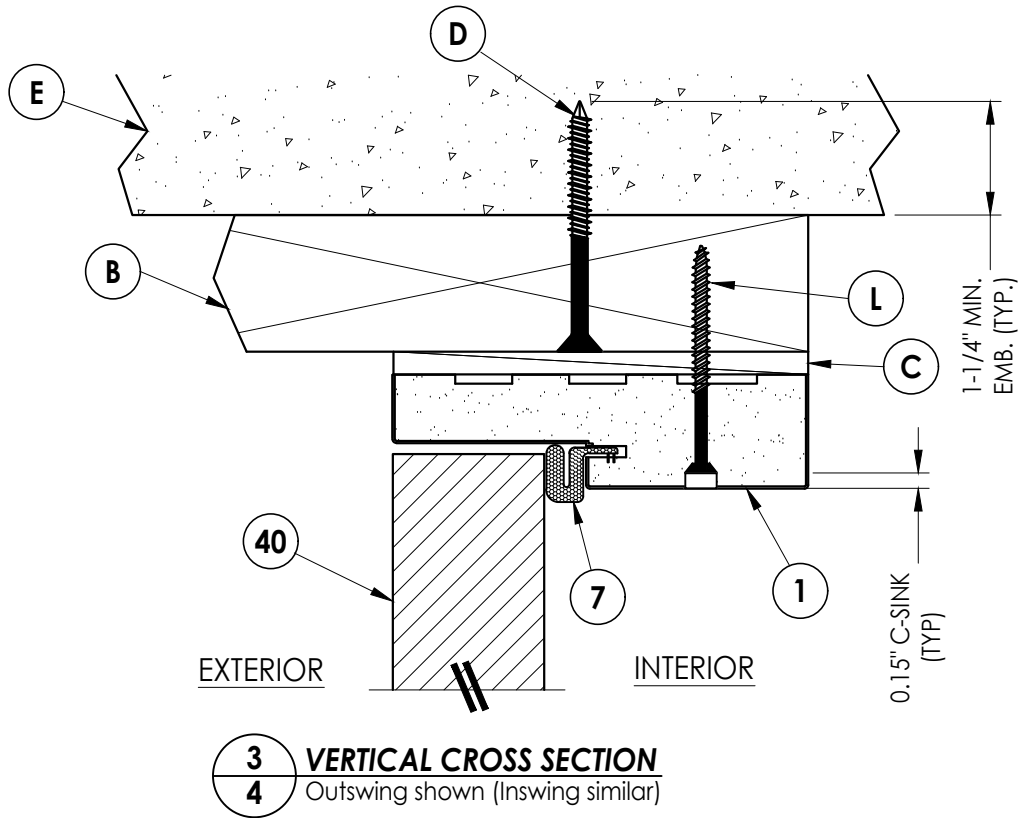
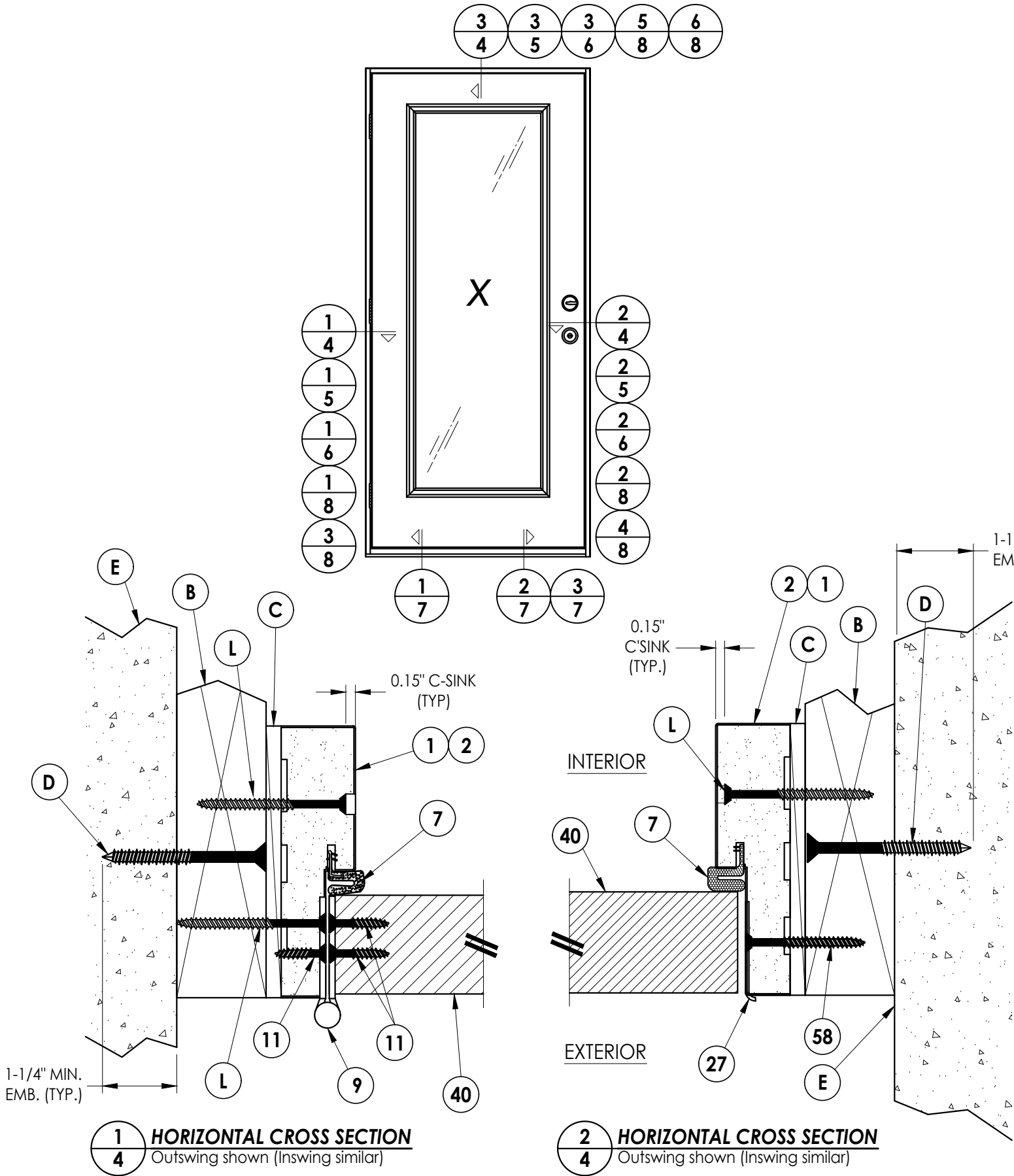
G1 GLAZING DETAIL
ODL "FLAT FRAME"



4A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)

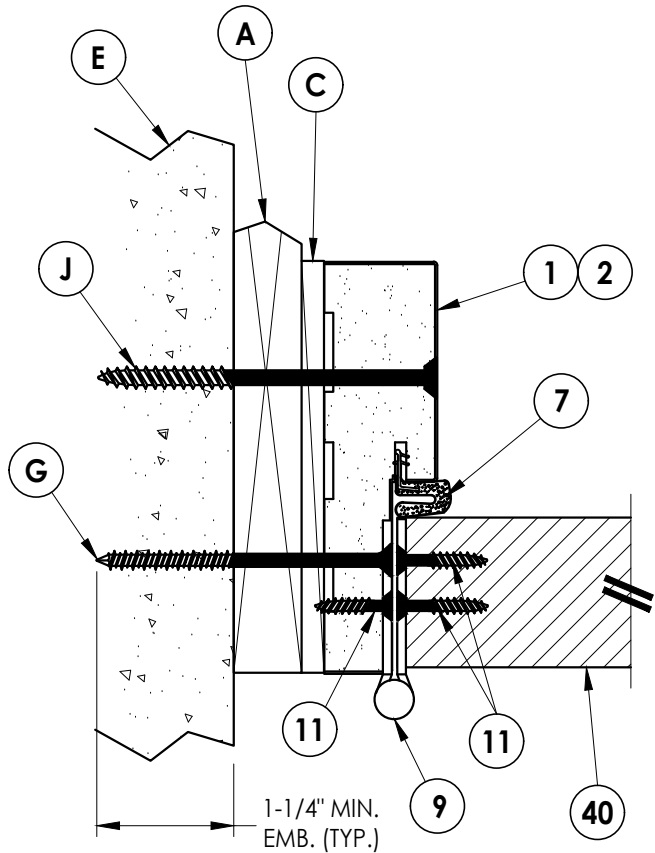
DATE: 02/16/12		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: LITE FRAME DETAILS AND GLAZING DETAILS			

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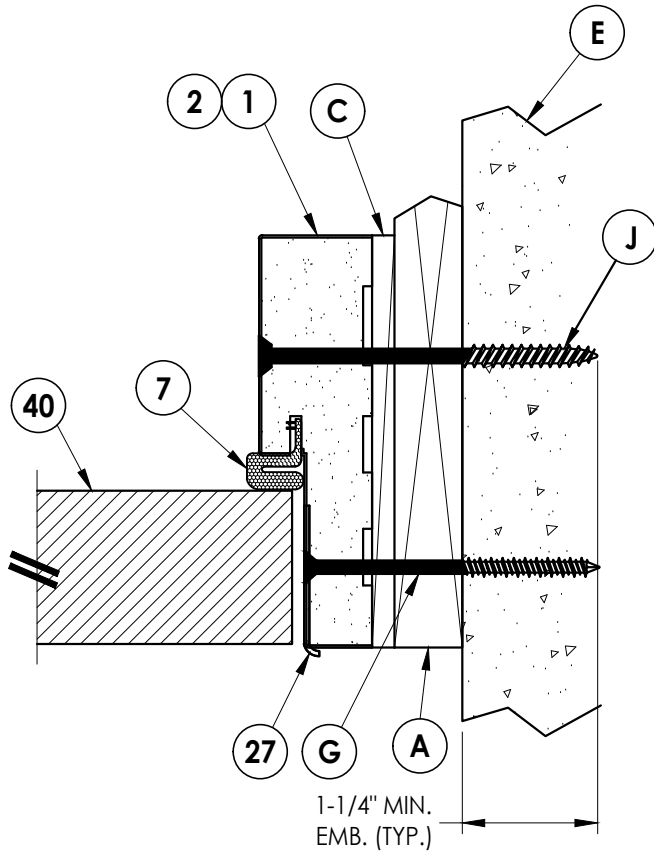
Documents Prepared By:		PLASTPRO INC.		BUILDING CONSULTANTS, INC.	
Lyndon F. Schmidt		FIBERGLASS DOOR		P.O. Box 230, Valrico, FL 33595	
P.E. No. 43409		PART OR ASSEMBLY:		Phone No.: 813.659.9197	
		HORIZONTAL & VERTICAL		FBPE Registry No. 9813	
		CROSS SECTIONS (2X BUCK)			
		REVISONS			
		4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC
		3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC
		2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
		1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC
		NO.	DATE		BY
DATE: 02/16/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15210.4					
SHEET 4 OF 13					

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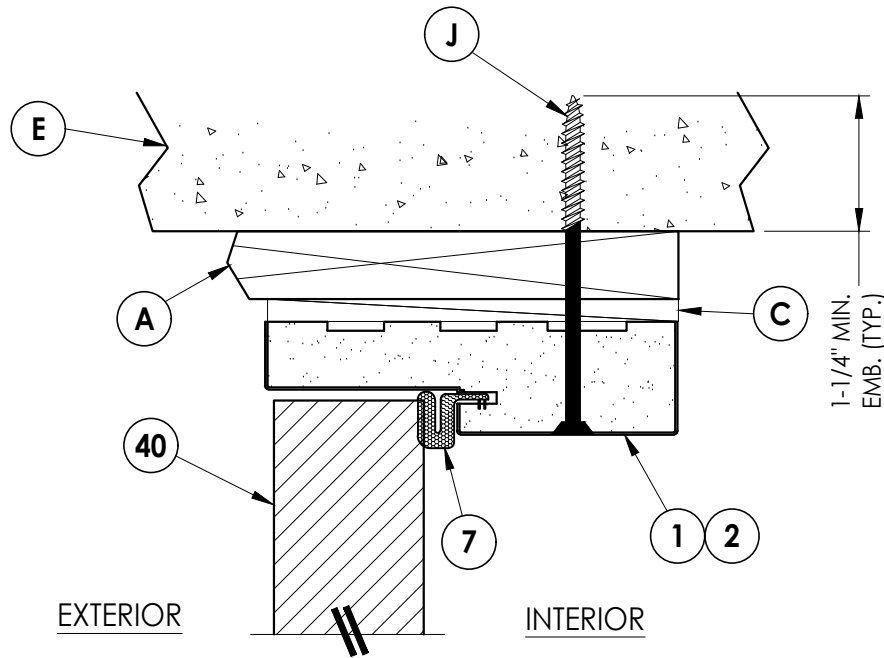


1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

INTERIOR
EXTERIOR



2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
5 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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 (1X BUCK)

NO.	DATE	REVISIONS			
		BY	JK	FBC	LFS
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 02/16/12

SCALE: N.T.S.

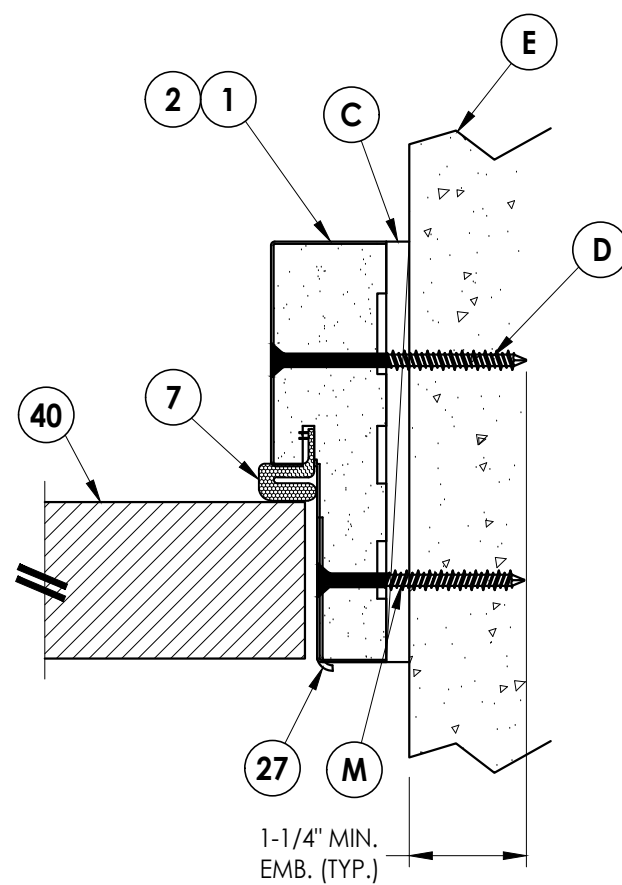
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.4

SHEET 5 OF 13

INTERIOR
EXTERIOR



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

D

E

C

40

7

1 2

EXTERIOR

INTERIOR

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)
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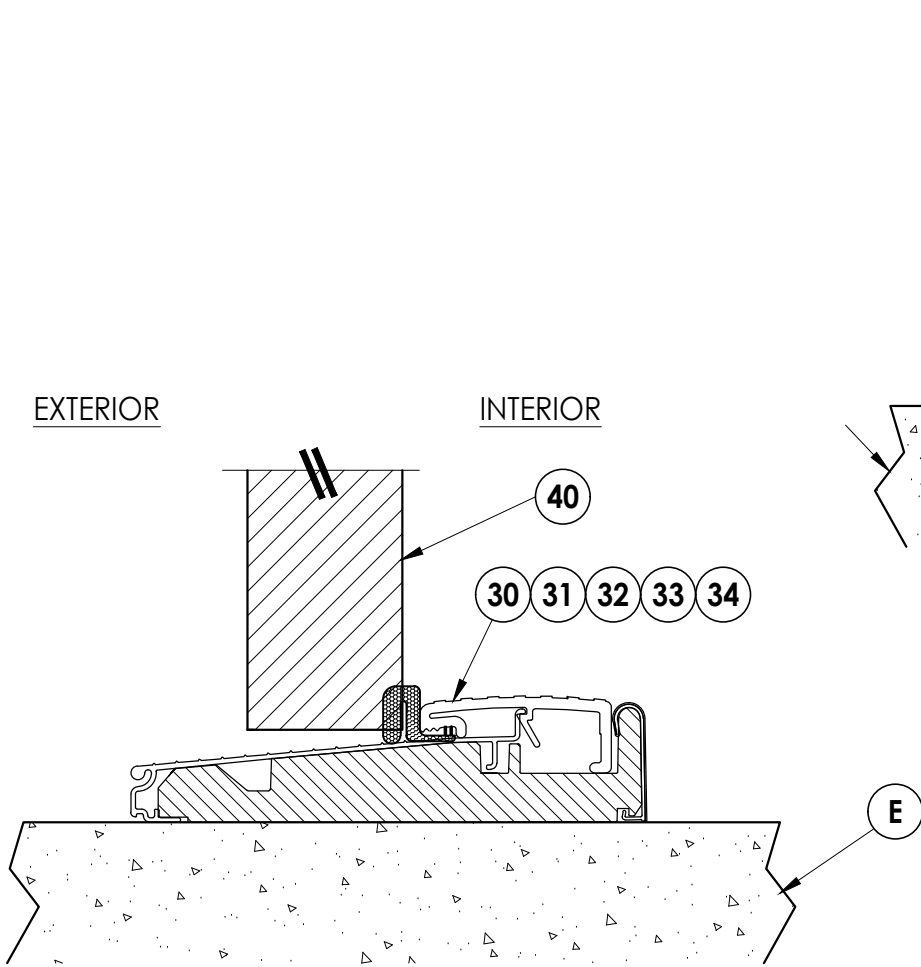
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3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE				REVISIONS

DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.4
SHEET	6 OF 13

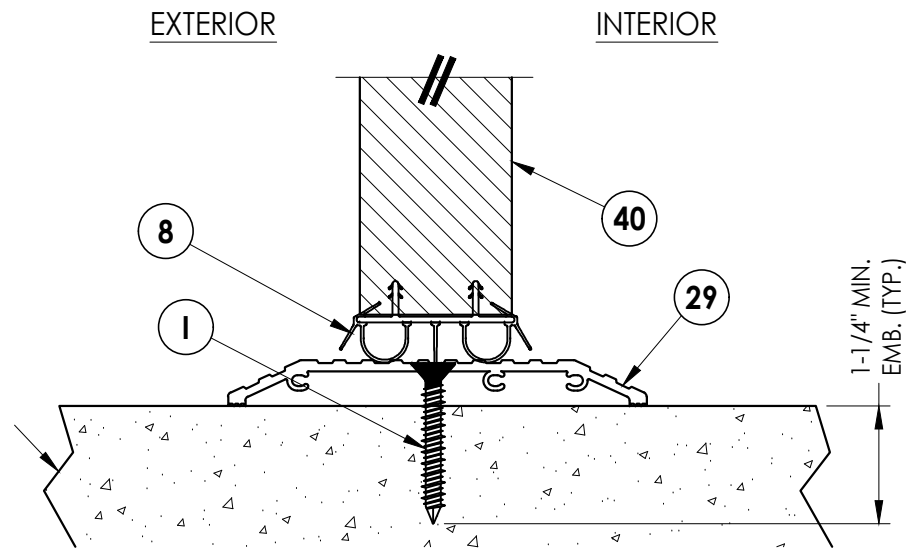
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

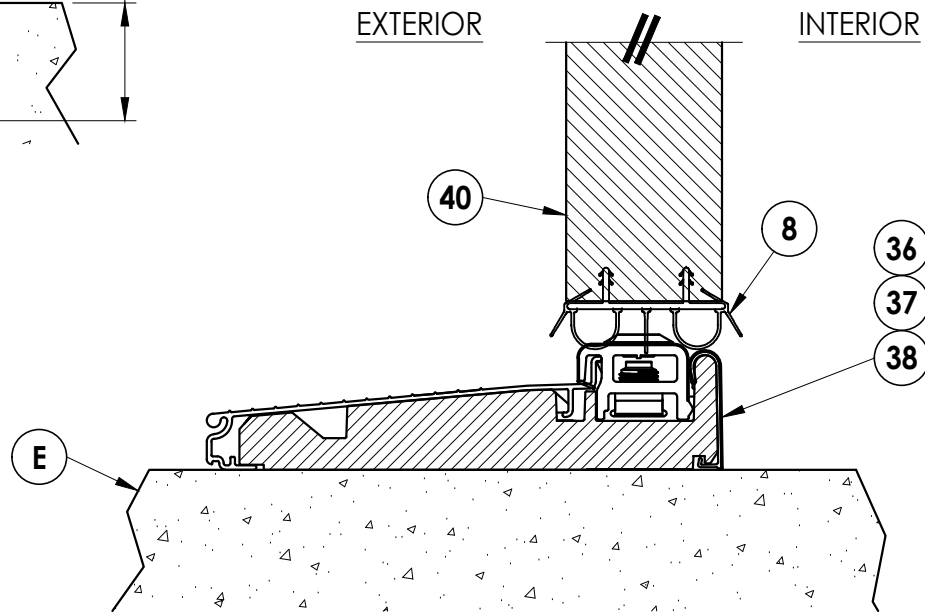
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1
7 **VERTICAL CROSS SECTION**
Outswing configuration



2
7 **VERTICAL CROSS SECTION**
Shown w/ ADA threshold



3
7 **VERTICAL CROSS SECTION**
Inswing configuration

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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 (THRESHOLDS)

NO.	DATE	REVISIONS
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.4

SHEET 7 OF 13

5 VERTICAL CROSS SECTION
8 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

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

1 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb

2 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb

3 HORIZONTAL CROSS SECTION

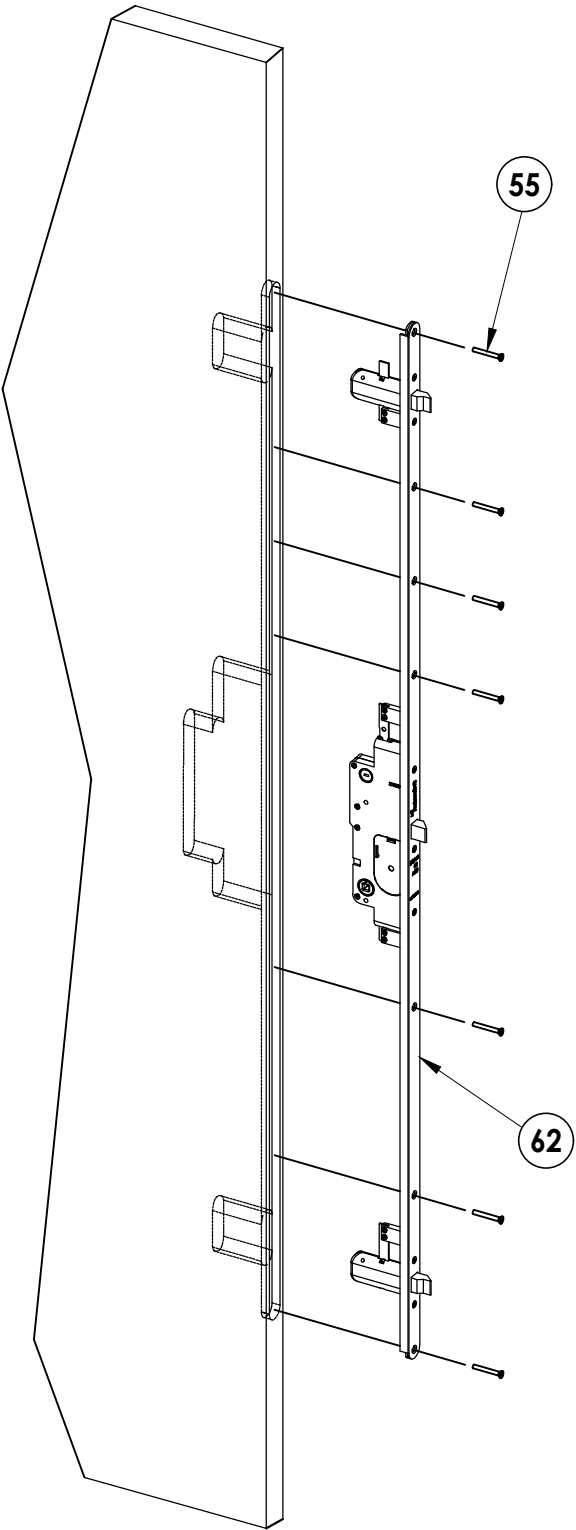
8 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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

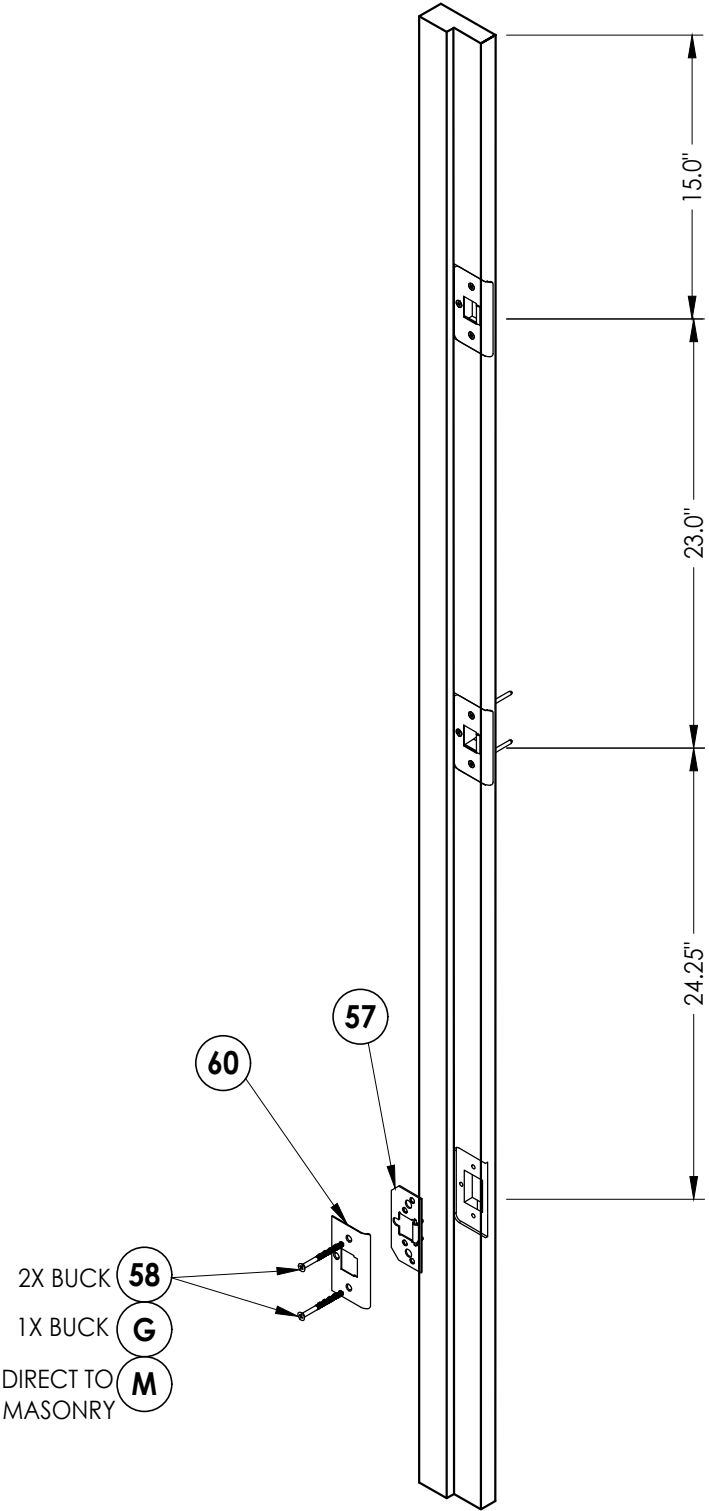
PRODUCT:					
PLASTPRO INC. FIBERGLASS DOOR					
PART OR ASSEMBLY:					
HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)					
NO.	DATE	REVISIONS			
4	8/17/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
3	7/27/20	UPDATE TO 7TH ED	(2020)	FBC	LFS
2	7/24/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
1	3/9/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
		BY			
DATE: 02/16/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15210.4					
SHEET 8 OF 13					

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



ENDURA TRIENNium 3000
3 pt. Lock



STRIKE JAMB DETAIL

NO.		DATE	REVISIONS			
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK		

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.4

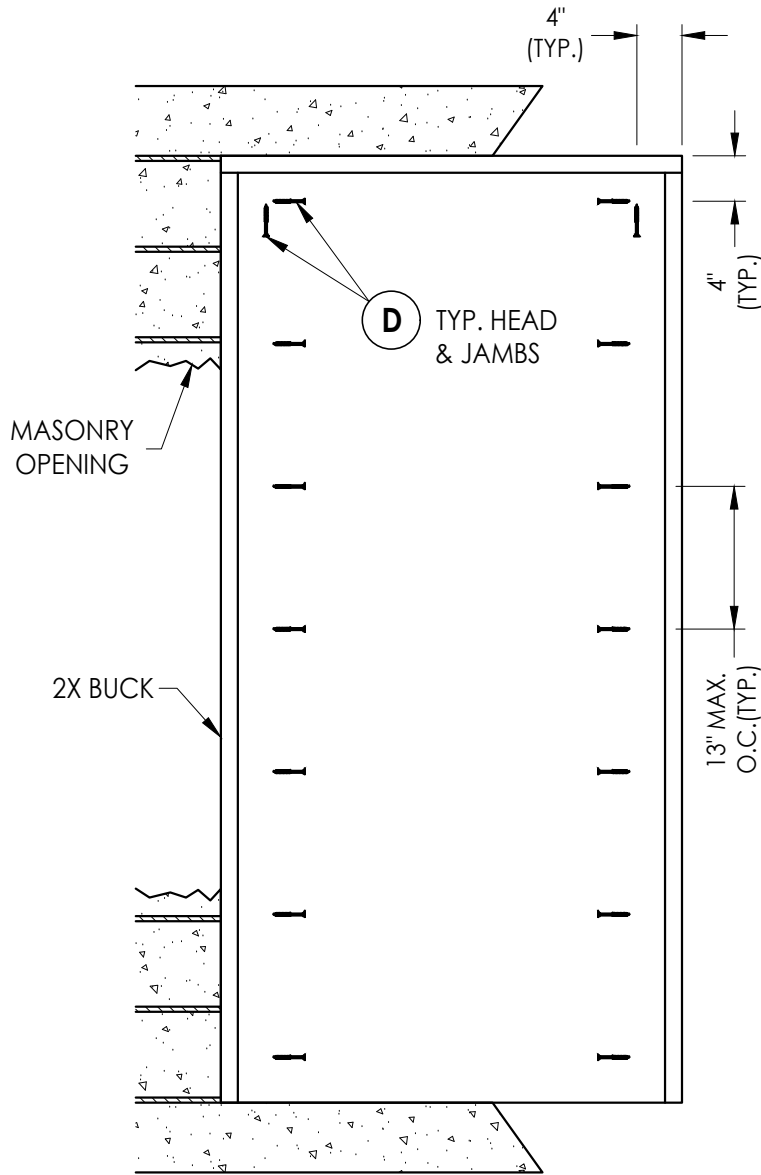
SHEET 10 OF 13

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

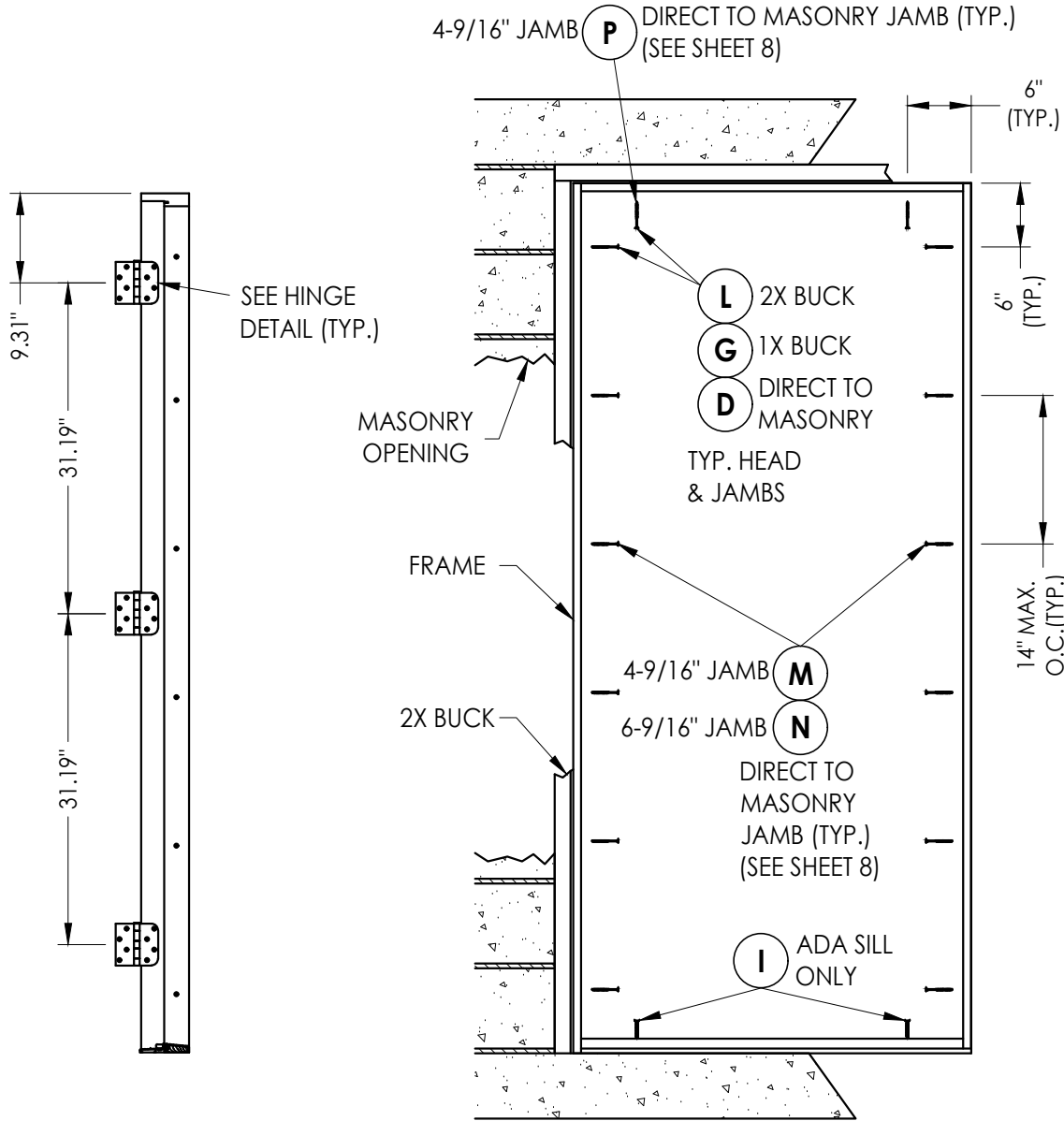
Documents Prepared By:
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P.E. No. 43409

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

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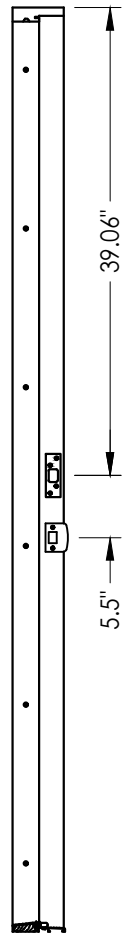


BUCK ANCHORING



STRIKE JAMB

FRAME ANCHORING
Masonry construction



HINGE JAMB

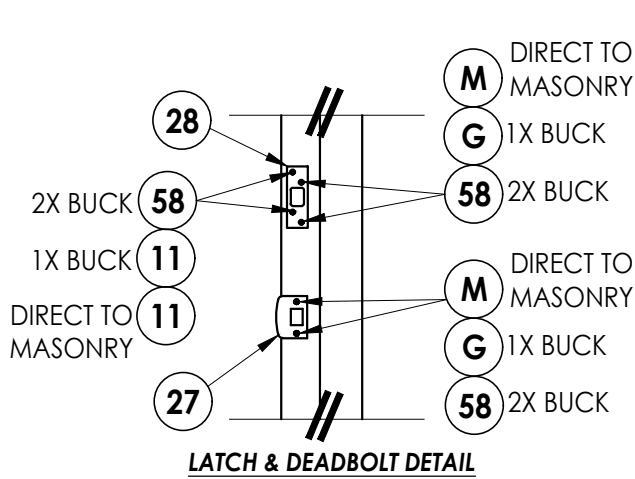
CONCRETE ANCHOR NOTES:

- 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:

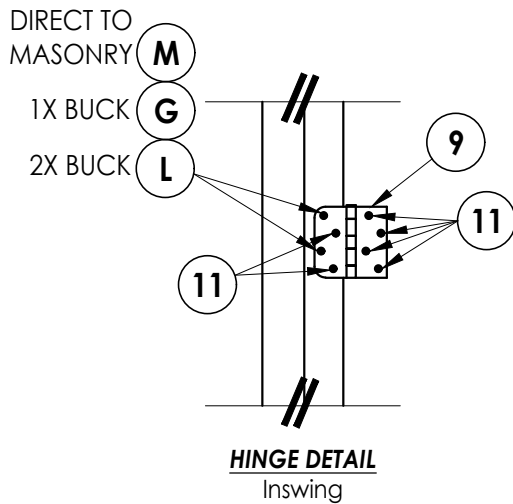
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

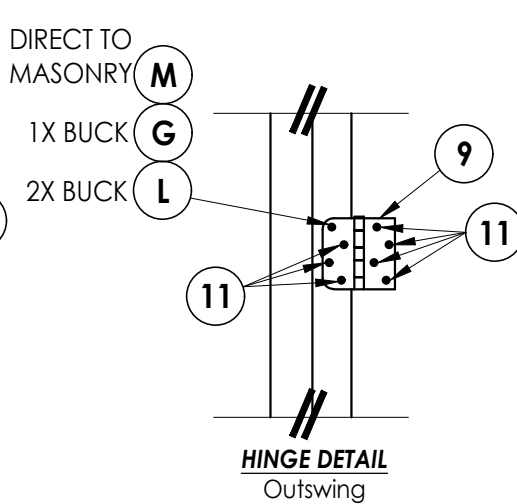
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH & DEADBOLT DETAIL



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/16/12

SCALE: N.T.S.

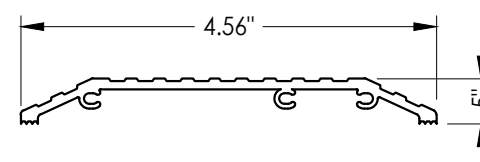
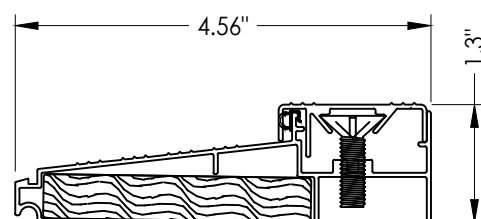
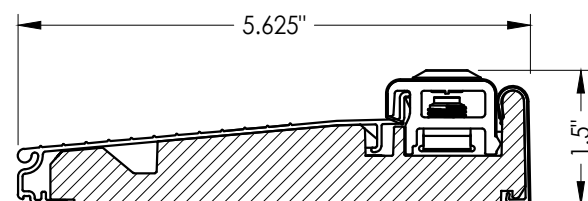
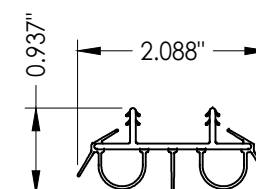
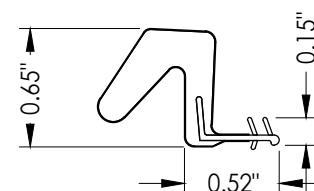
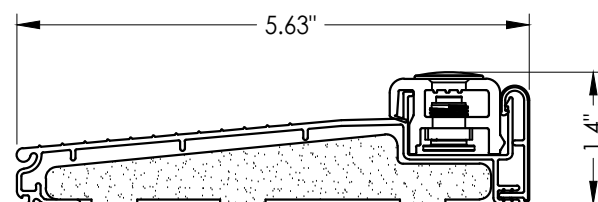
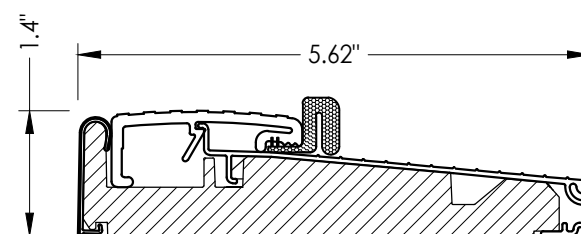
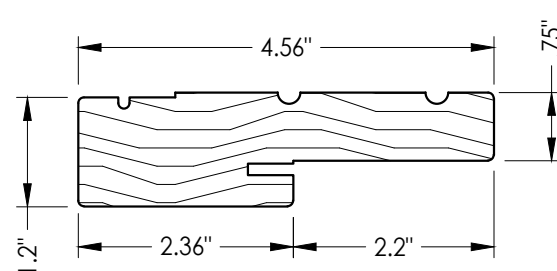
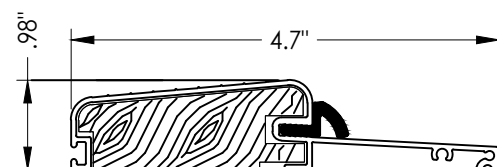
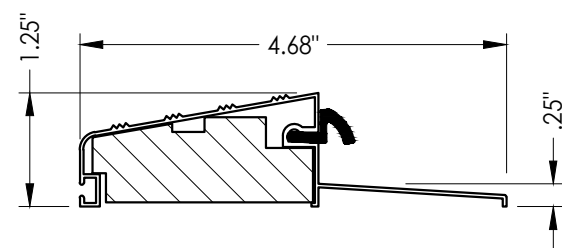
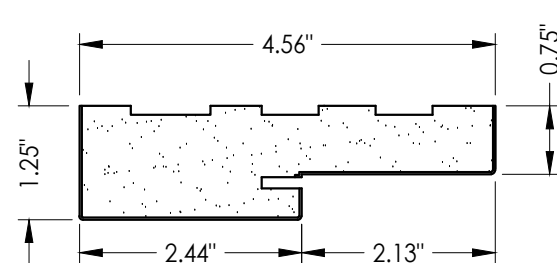
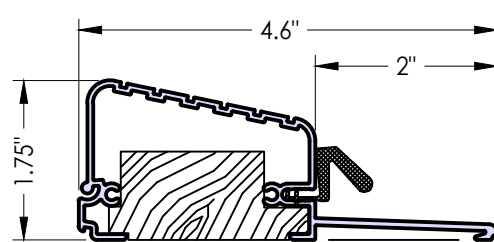
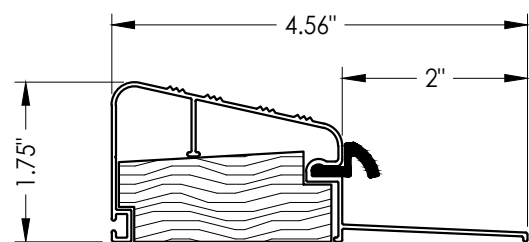
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15210.4

SHEET 11 OF 13

[illegible]

DATE: 02/16/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.4

SHEET 12 OF 13

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:

COMPONENTS

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
P	1/4" X 2-1/4" PFH DeWALT 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
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/WOOD
38	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION 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

DATE: 02/16/12		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		PLASTPRO INC.		Lyndon F. Schmidt	
DWG. BY: JK		FIBERGLASS DOOR		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		BUILDING CONSULTANTS, INC.	
DRAWING NO.: FL-15210.4		BILL OF MATERIALS		P.O. Box 230, Valrico, FL 33595	
SHEET 13 OF 13		NO. DATE		Phone No.: 813.659.9197	
		4 8/17/23 UPDATE TO 8TH ED. (2023) FBC LFS		FBPE Registry No. 9813	
		3 7/27/20 UPDATE TO 7TH ED (2020) FBC LFS			
		2 7/24/17 UPDATE TO 6TH ED. (2017) FBC JK			
		1 3/9/15 UPDATE TO 5TH ED. (2014) FBC JK			
		NO. DATE			
		REVISIONS			