



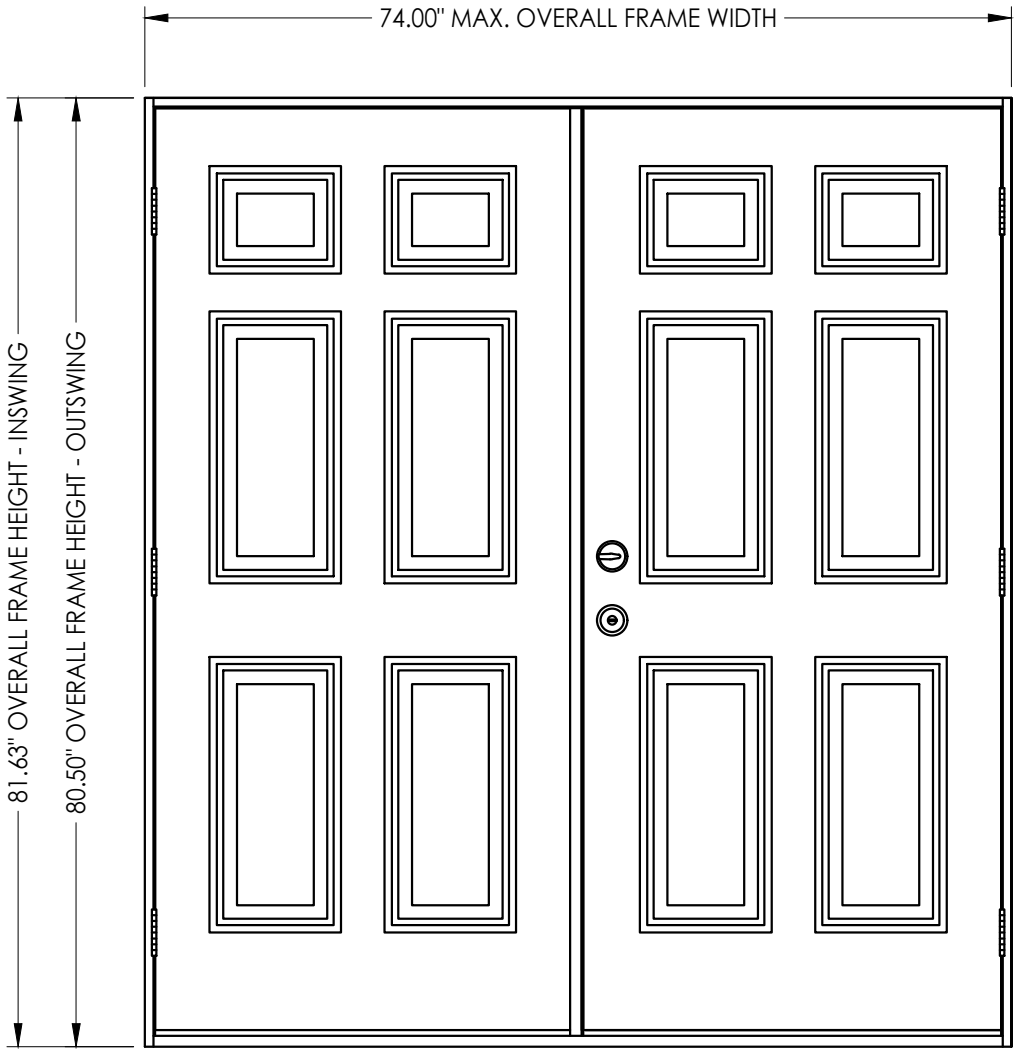
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

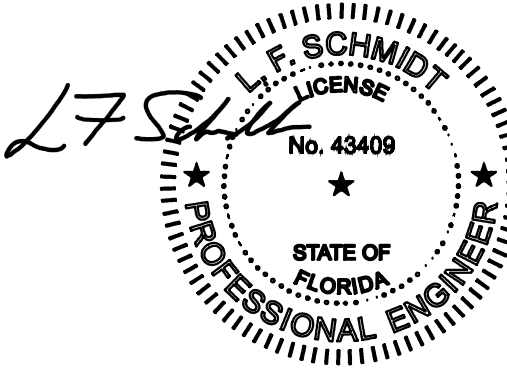
GENERAL NOTES

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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ". Inswing units shall 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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8	Buck and frame anchoring
9	Astragal details
10	Bill of materials & components



SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	74.00" x 81.63"	+50.0	-50.0
OUTSWING	74.00" x 80.50"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.14 13:51:22 -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

PLASTPRO INC
FIBERGLASS DOOR

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

48/14/23 UPDATE TO 8TH ED. (2023) FBC LFS

37/27/20 UPDATE TO 7TH ED (2020) FBC LFS

208/02/17 UPDATE TO 6TH ED. (2017) FBC JK

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

NO. DATE BY

REVISIONS

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15220.9

SHEET 1 OF 10

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

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Diagram illustrating the dimensions and hardware locations for the 40 Series Door Panel:

- Dimensions:**
 - 35.75" MAX. DOOR PANEL WIDTH
 - 79.25" MAX. DOOR PANEL HEIGHT
- Hardware Locations:**
 - Two circular handles (labeled 2) are positioned on the left side of the panel.
 - Two circular knobs (labeled 2) are positioned on the left side of the panel, below the handles.
 - Two circular knobs (labeled 1) are positioned at the bottom center of the panel.
- Reference:** SEE HARDWARE CHART
- Panel Label:** 40 DOOR PANEL

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

Technical drawing of a door assembly. The drawing shows a cross-section of a door with a textured interior and a smooth exterior skin. The top rail is labeled "TOP RAIL (CELLULAR PVC)" and has a width dimension of 1.59". The door skin is labeled "DOOR SKIN (MIN. 0.069" THICK)". A vertical dimension of 1.12" is shown for the height of the top rail section. The bottom of the door is shown with a break symbol (two parallel diagonal lines).

EXTERIOR INTERIOR

A vertical cross-section diagram of the rail assembly. The diagram shows a rectangular cross-section of the rail. The top portion is filled with a stippled pattern representing polyurethane foam. The bottom portion is a solid material representing the bottom rail (cellular PVC). The bottom rail has a complex profile with three vertical slots. A dimension line on the right indicates the total height of the rail is 1.13".

POLYURETHANE FOAM

BOTTOM RAIL
(CELLULAR PVC)

1.13"

1
2 **VERTICAL CROSS SECTION**

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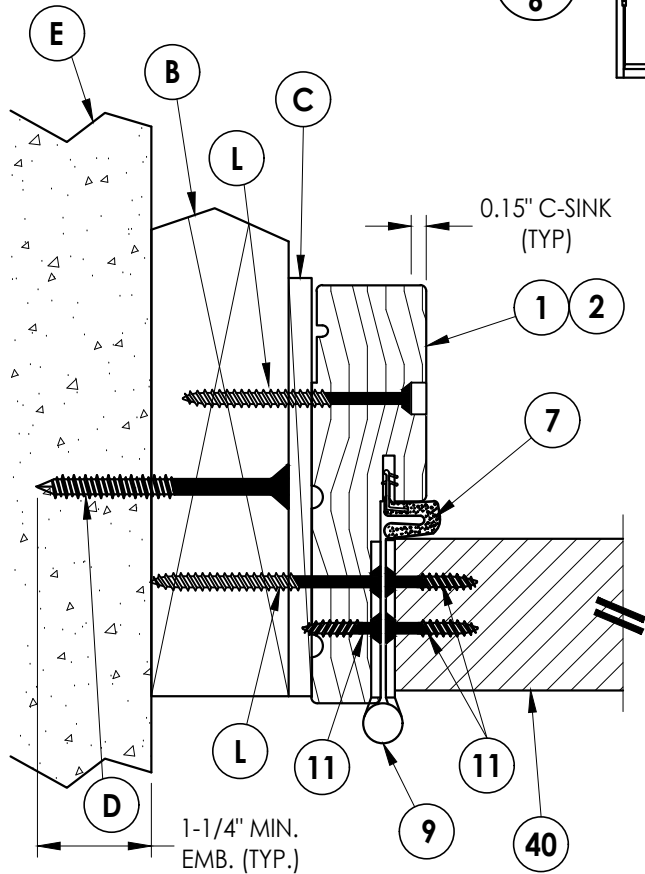
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

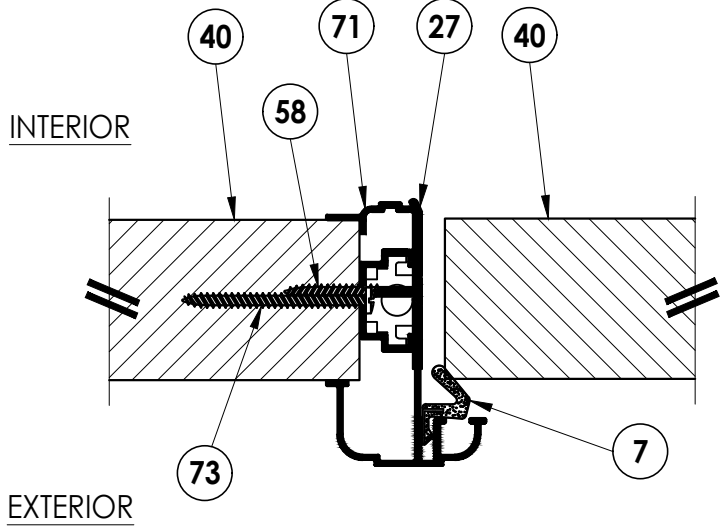
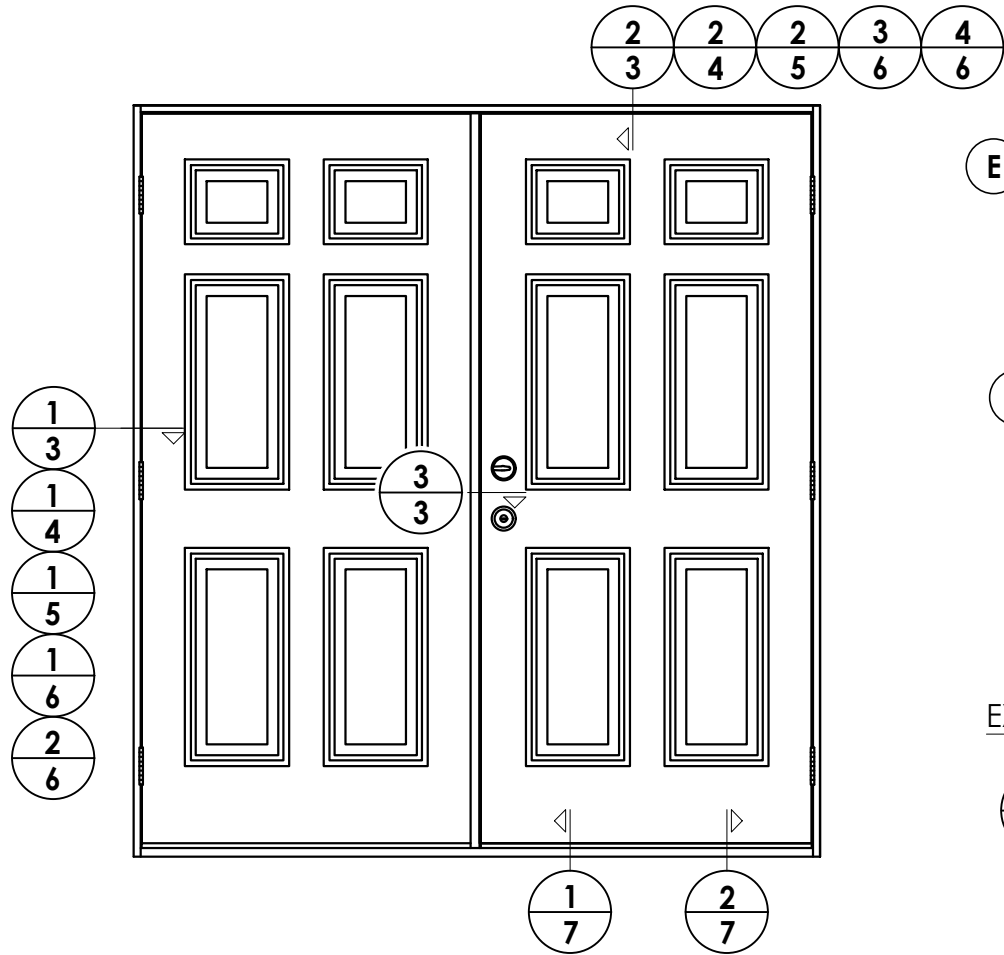
OR ASSEMBLY:
DOOR PANEL DETAILS

[illegible]

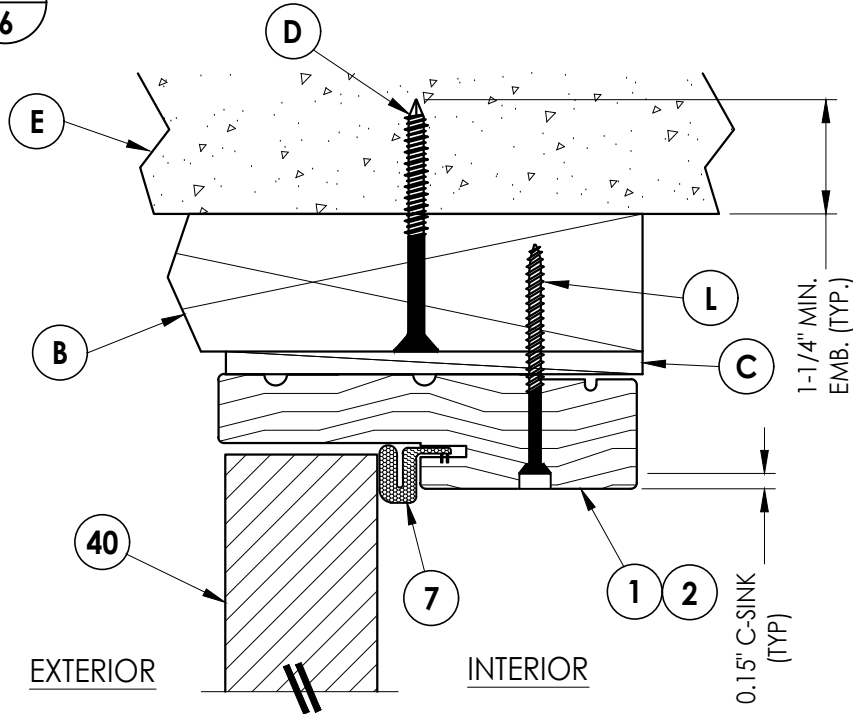
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1
3 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

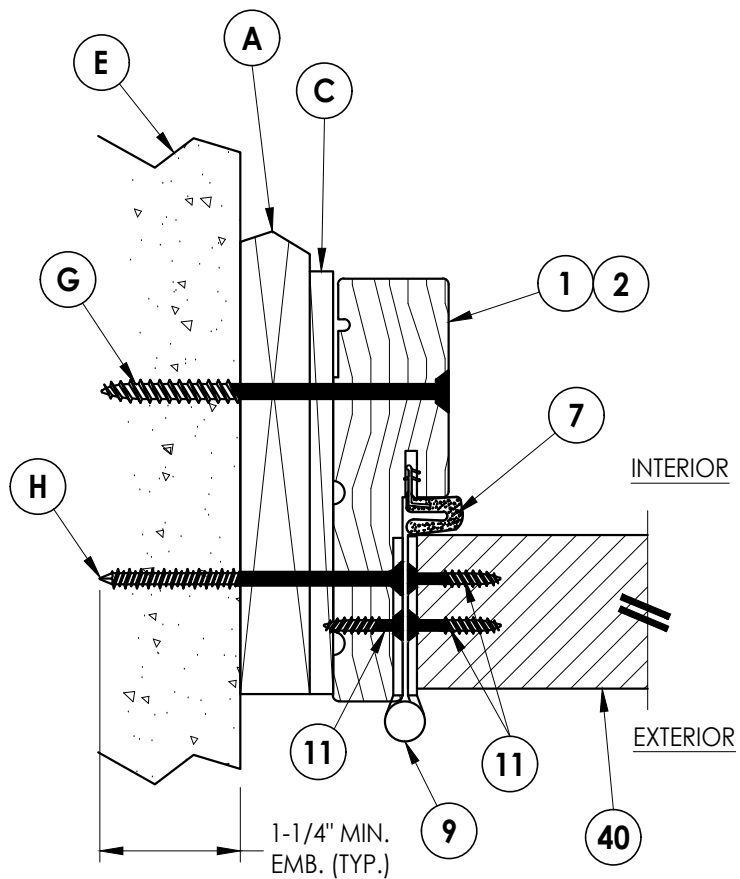


3
3 **HORIZONTAL CROSS SECTION**
Outswing shown - Inswing also approved

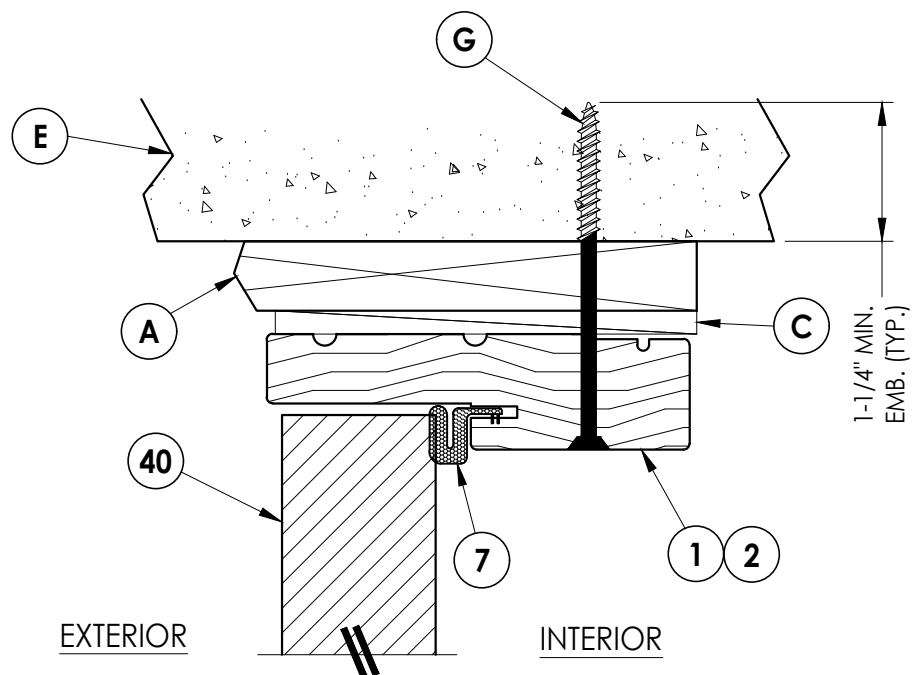


2
3 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

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: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC LFS
2	08/02/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK
NO. DATE		REVISIONS	
DATE: 02/20/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15220.9			
SHEET 3 OF 10			



1 4 **HORIZONTAL CROSS SECTION** Shown w/ 1X sub-buck Outswing shown (Inswing similar)



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

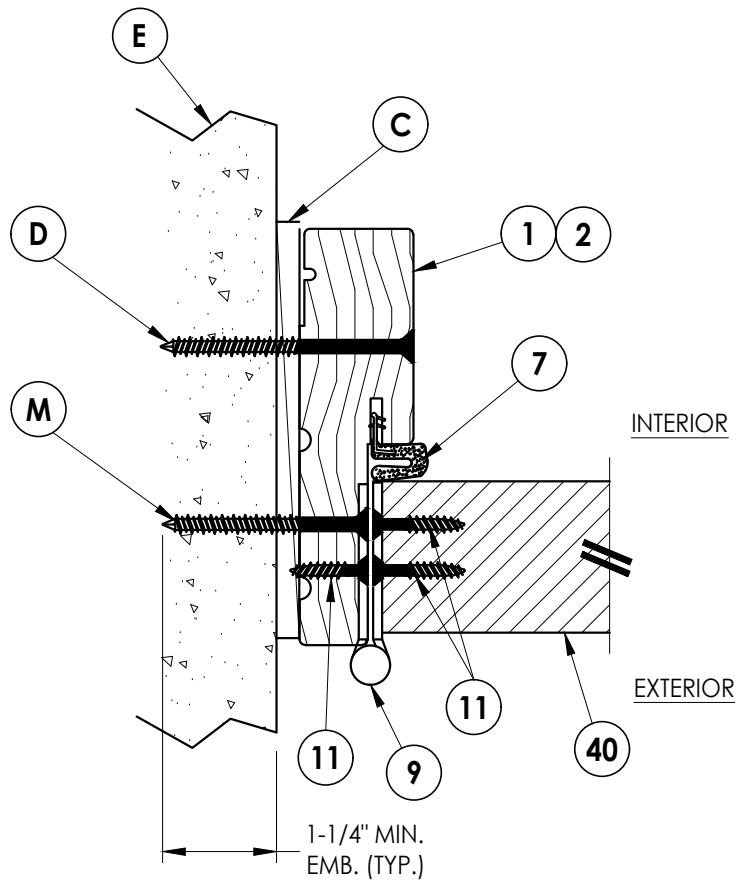
4	8/14/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED	(2020)	FBC	LFS	
2	08/02/17	UPDATE TO 6TH ED.	(2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED.	(2014)	FBC	JK	
NO.	DATE				BY	
					REVISIONS	
DATE: 02/20/12						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.:						
FL-15220.9						
SHEET 4 OF 10						

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)

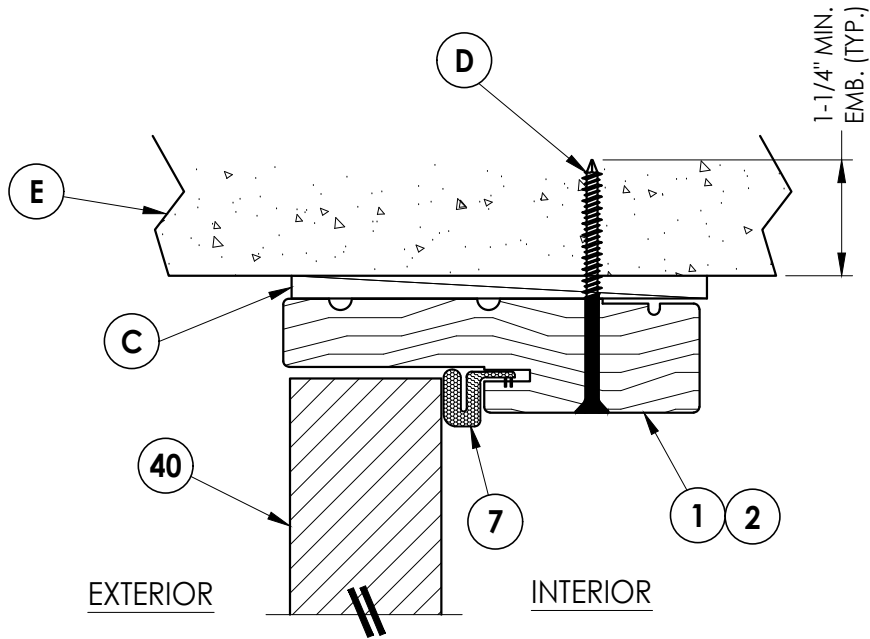
Documents Prepared By:
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1 HORIZONTAL CROSS SECTION
5 Shown Direct to Masonry
Outswing shown (Inswing similar)



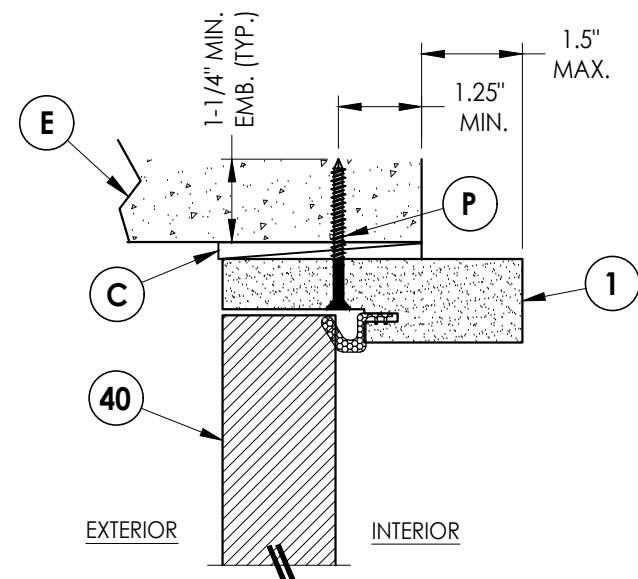
2 VERTICAL CROSS SECTION
5 Shown Direct to Masonry
Outswing shown (Inswing similar)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.9
SHEET	5 OF 10

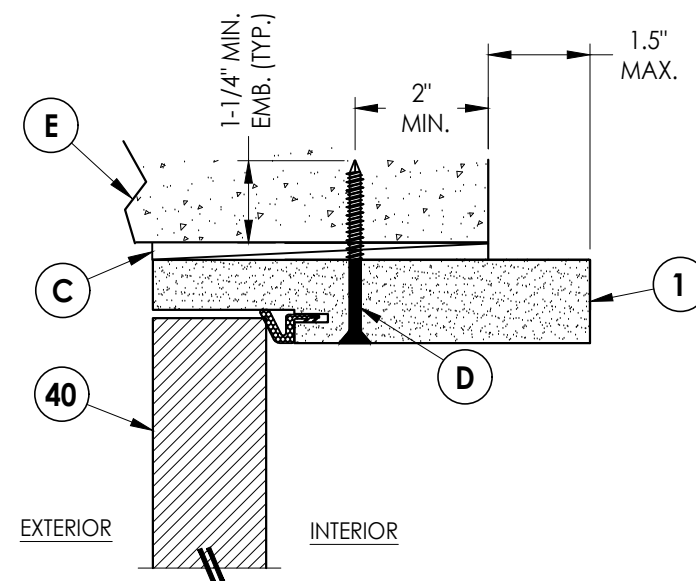
PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

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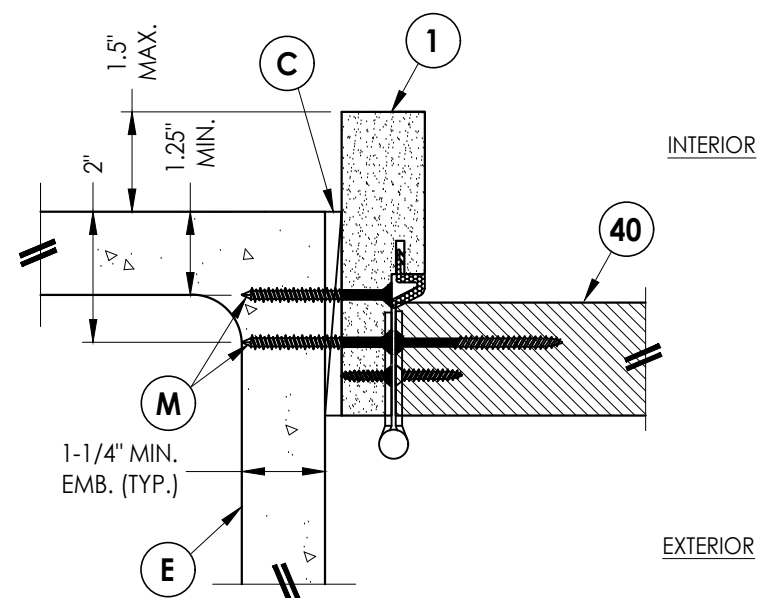


3 **VERTICAL CROSS SECTION**

6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

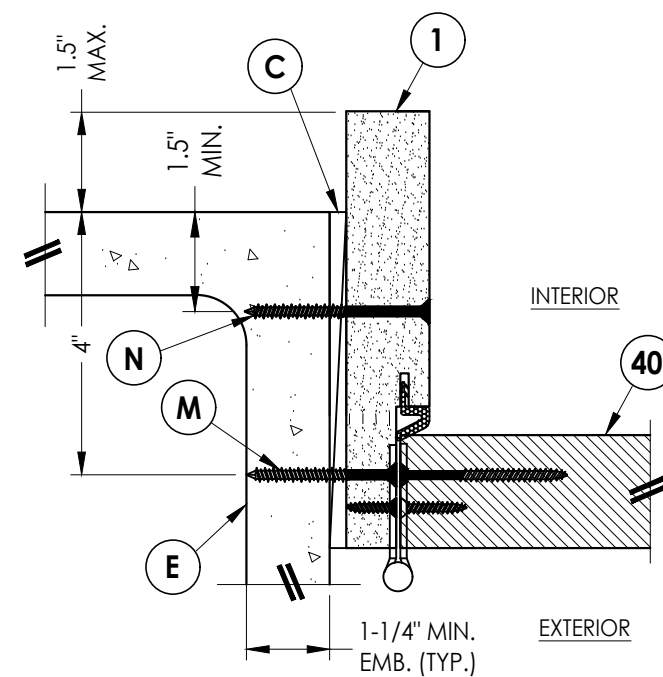


4 **VERTICAL CROSS SECTION**
6 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



1 6 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



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

[illegible]

DATE: 02/20/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15220.9

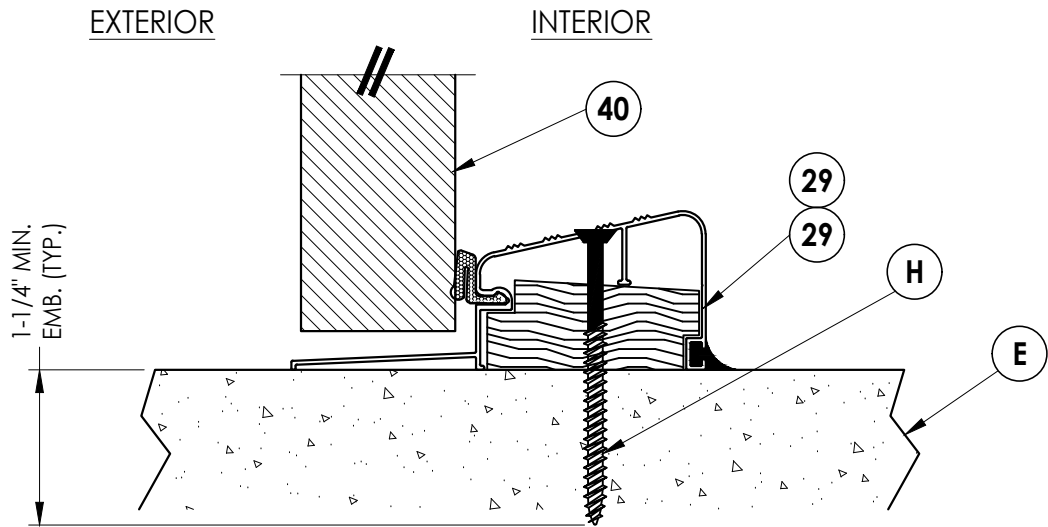
SHEET 6 OF 10

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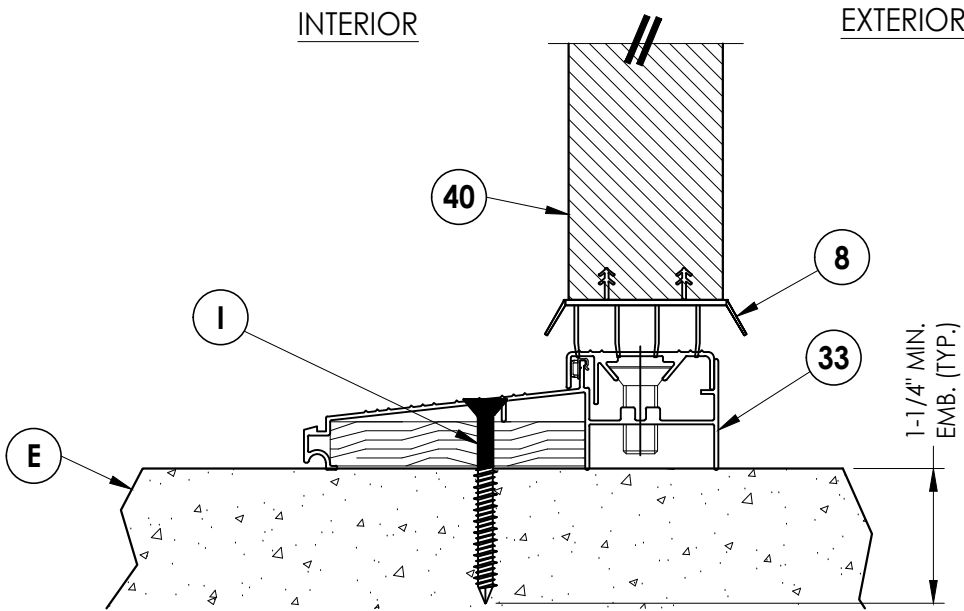
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1
7 **VERTICAL CROSS SECTION**
Outswing configuration



2
7 **VERTICAL CROSS SECTION**
Inswing configuration

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15220.9

SHEET 7 OF 10

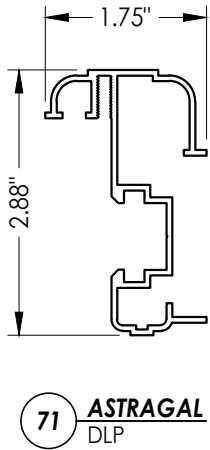
PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS
(THRESHOLDS)

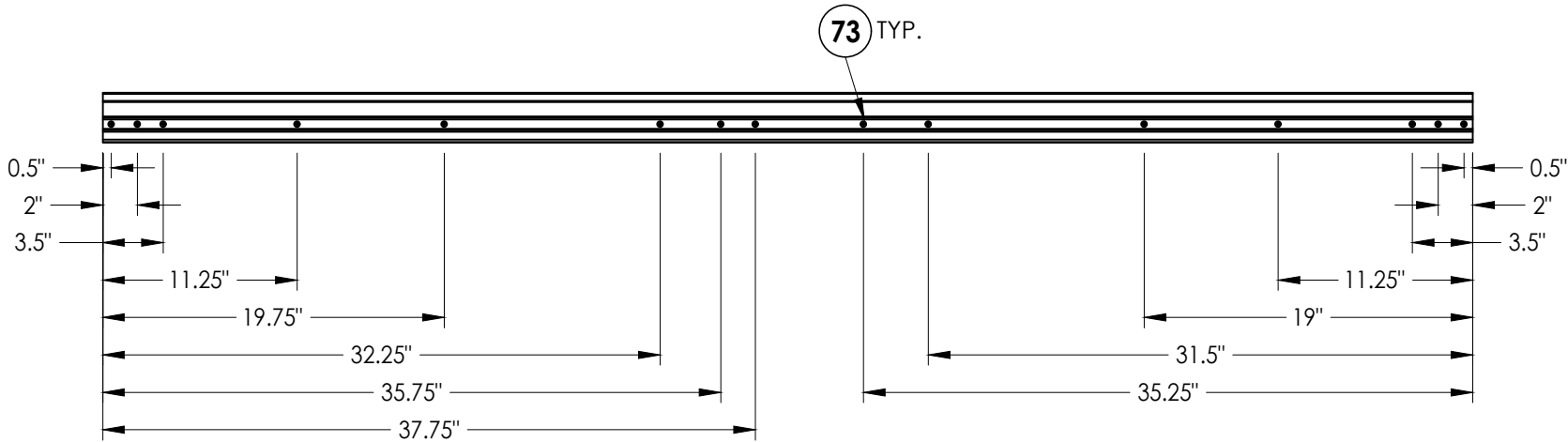
Documents Prepared By:
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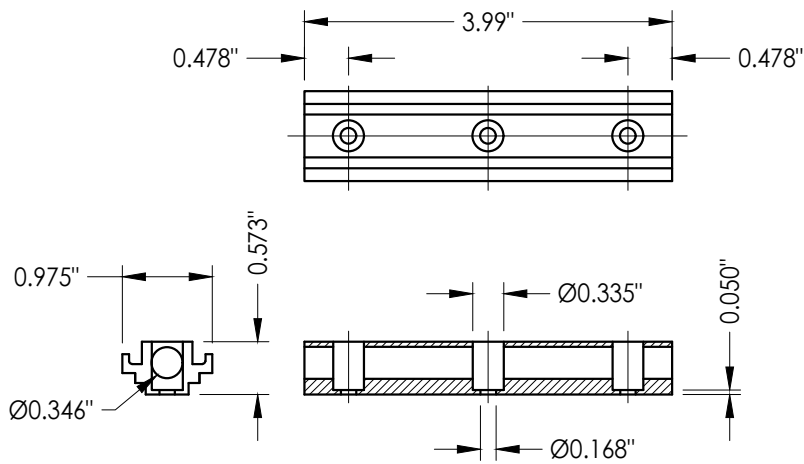
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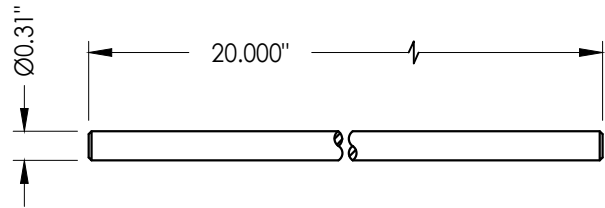
71 ASTRAGAL
DLP



ASTRAGAL SCREW LOCATIONS



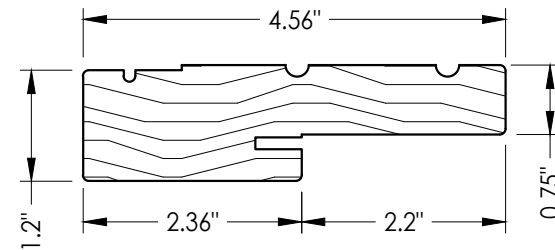
74 CONCEALED STIFFENER



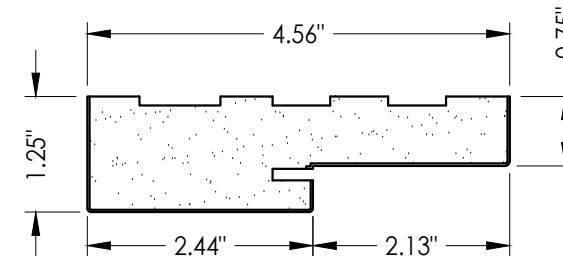
77 SLIDE BOLT ROD
Typ. top & bottom
of astragal
top through 1.98"
bottom through 1.98"

PRODUCT:		PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY:		ASTRAGAL DETAILS	
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	
DATE:		02/20/12		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-15220.9		SHEET		9 OF 10	
NO.		DATE		REVISIONS			
4	8/14/23	UPDATE TO 8TH ED. (2023)		FBC	LFS		
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2	08/02/17	UPDATE TO 6TH ED. (2017)		FBC	JK		
1	04/22/15	UPDATE TO 5TH ED. (2014)		FBC	JK		

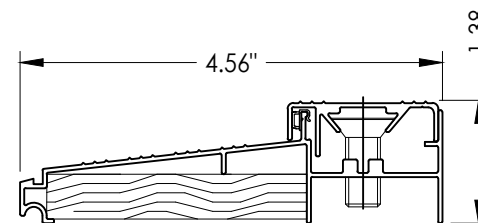
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH 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	#7 X 2" PFH DRYWALL 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	1/4" x 3-1/4" PFH 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	FORCE 5 WEATHERSTRIPPING BY ENDURA	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 BY SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	#10 X 3" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD BY DLP	ALUM./WOOD
30	INSWING VINYL DOOR BOTTOM SWEEP	VINYL
33	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
58	#8 X 2" PFH WOOD SCREW	STEEL
71	ASTRAGAL BY DLP (6063-T5 ALUMINUM)	ALUM.
72	ASTRAGAL STRIKE PLATE	STEEL
73	#8 X 2" PH SCREW	STEEL
74	CONCEALED STIFFENER BY PLASTPRO (6063-T6 ALUMINUM)	ALUM.
77	SLIDE BOLT ROD	STEEL



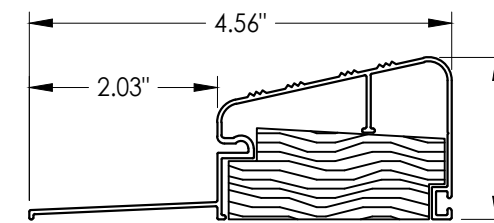
1 HEAD & SIDE JAMB



2 HEAD & SIDE JAMB
Poly fiber



33 ADJUSTABLE INSWING THRESHOLD



29 OUTSWING THRESHOLD BY DLP

[illegible]

DATE: 02/20/12

SCALE: N.T.S.

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DRAWING NO.:

FL-15220.9

SHEET 10 OF 10

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PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:

REVISIONS