

DIRECT GLAZED FIBERGLASS DOORS
SINGLES & DOUBLES
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

1.

This product has been evaluated and is in compliance with the 9th Edition (2026) 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.

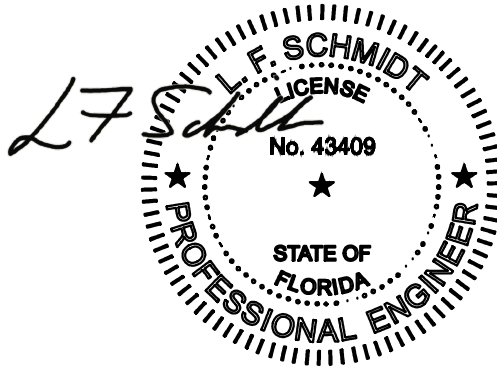
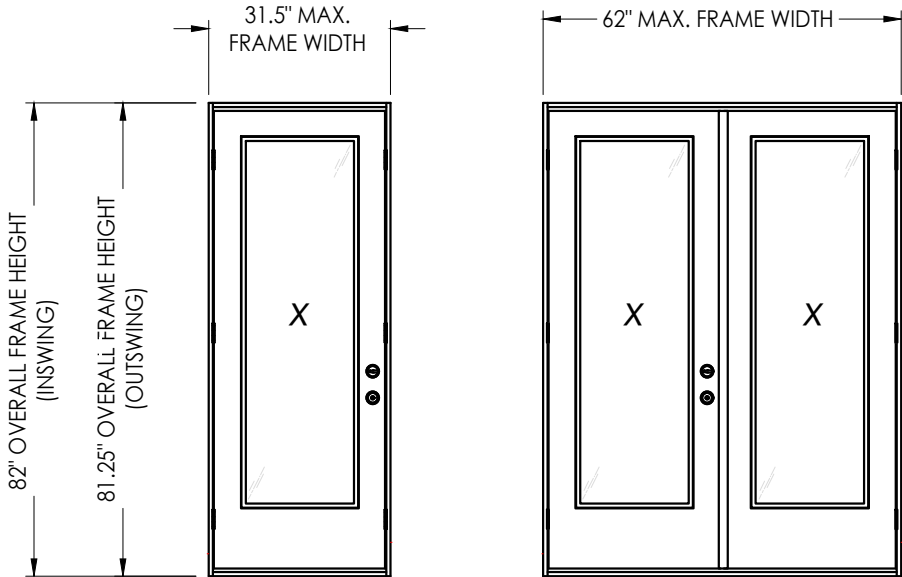
When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4.

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.

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6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Buck anchoring
10	Frame anchoring & hardware details
11	Bill of materials & components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	31.5" x 82.0"	+70.0	-75.0	+70.0	-70.0
XX	62.0" x 82.0"	+70.0	-75.0	+70.0	-70.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 13:58:26 -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

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28685.1

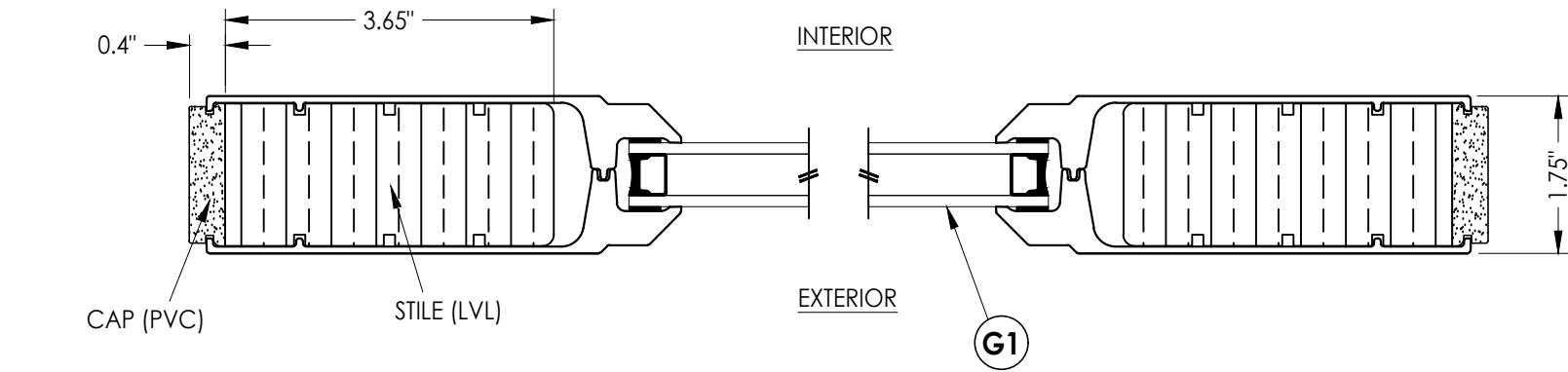
SHEET 1 OF 11

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

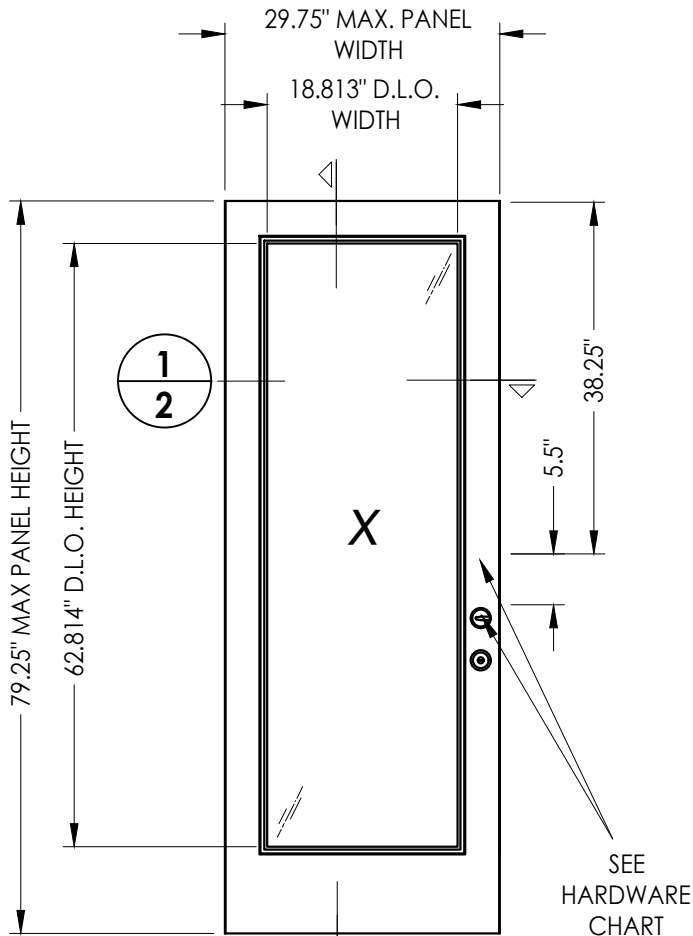
REVISIONS

NO.	DATE	BY
3	7/01/26	LFS
2	8/10/23	LFS
1	7/23/20	LFS

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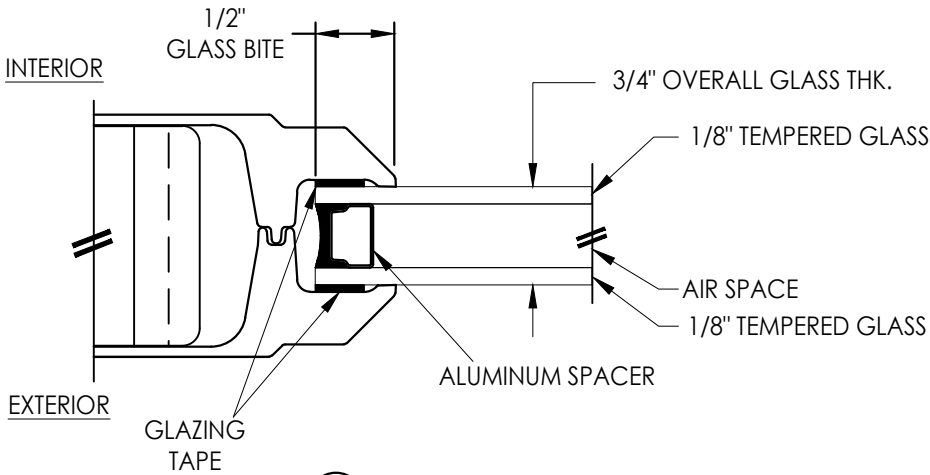


1
2 HORIZONTAL CROSS SECTION



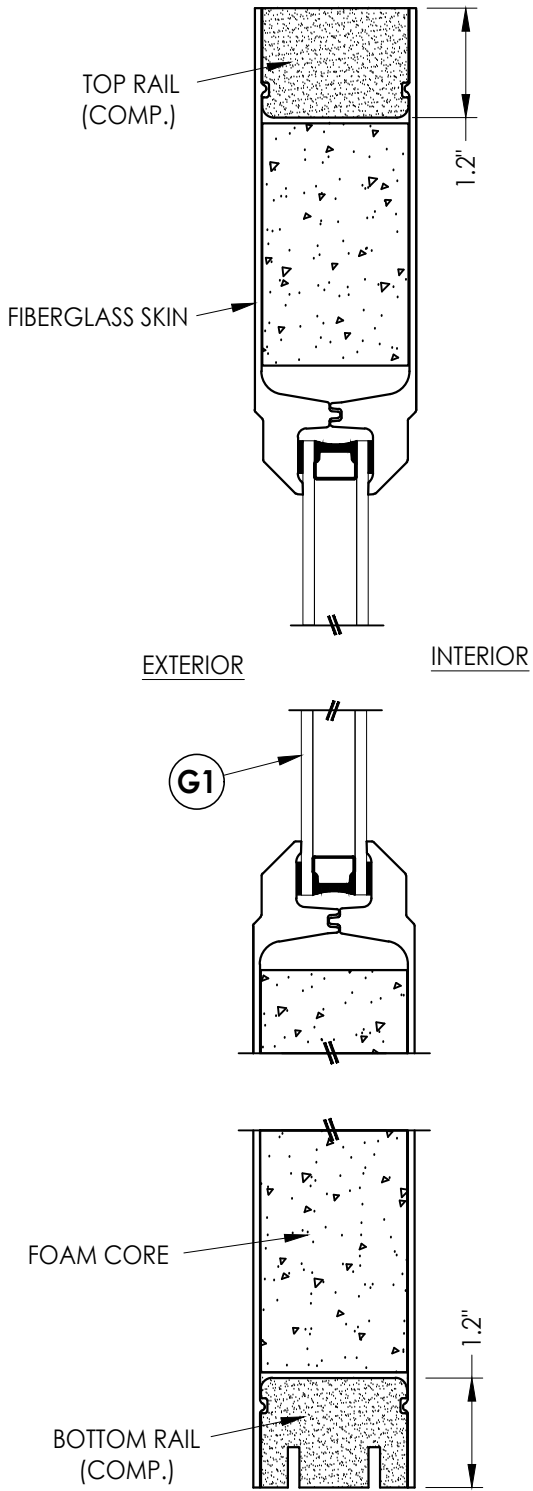
2
2 PLASTPRO DOOR PANEL

FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: XPS FOAM (1.3 PCF MIN. DENSITY)



G1 GLAZING DETAIL

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)



2
2 VERTICAL CROSS SECTION

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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:
DOOR & SIDELITE
PANEL DETAILS

3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
NO.	DATE			BY			
REVISIONS							

DATE: 2/11/19

SCALE: N.T.S.

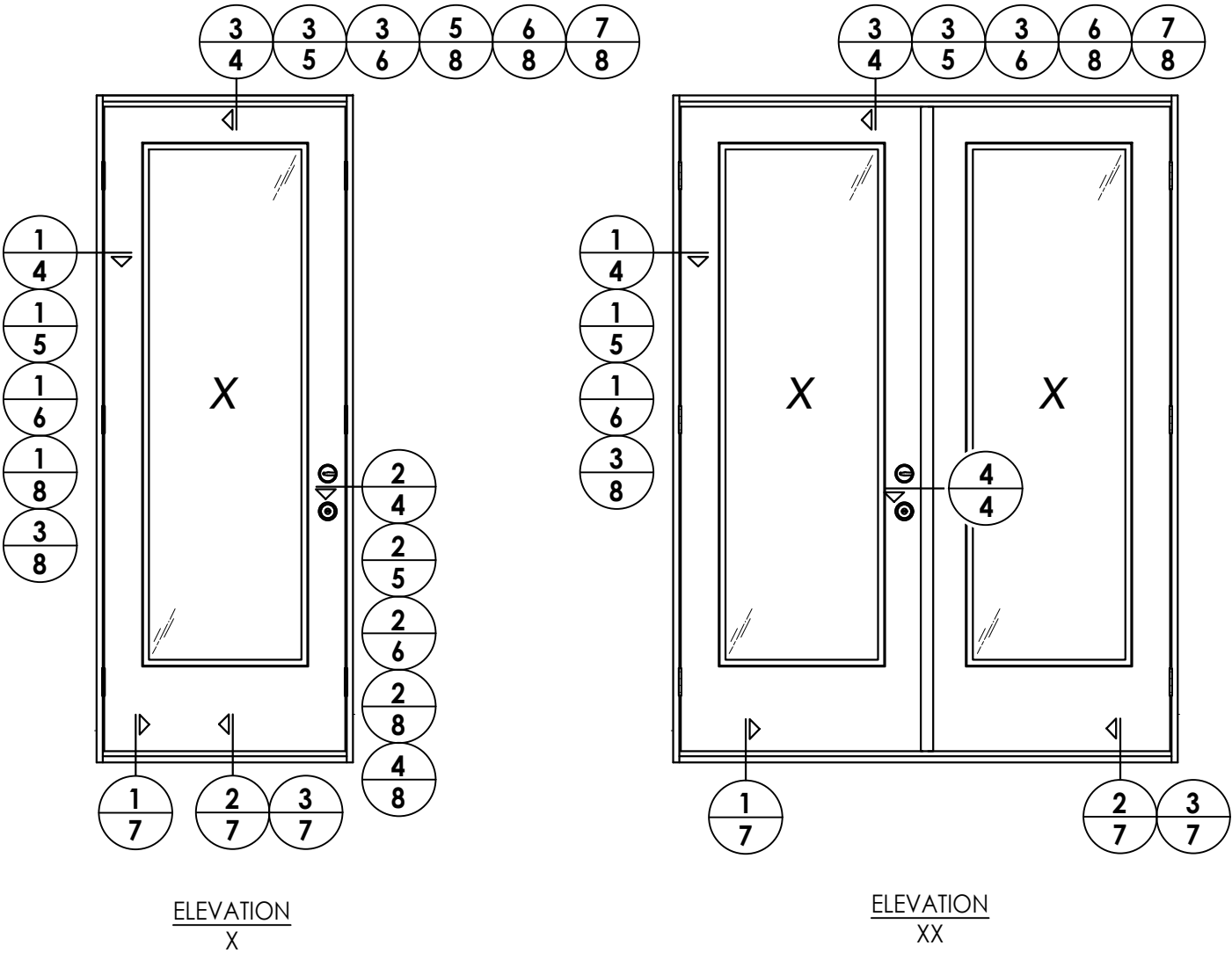
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CHK. BY: LFS

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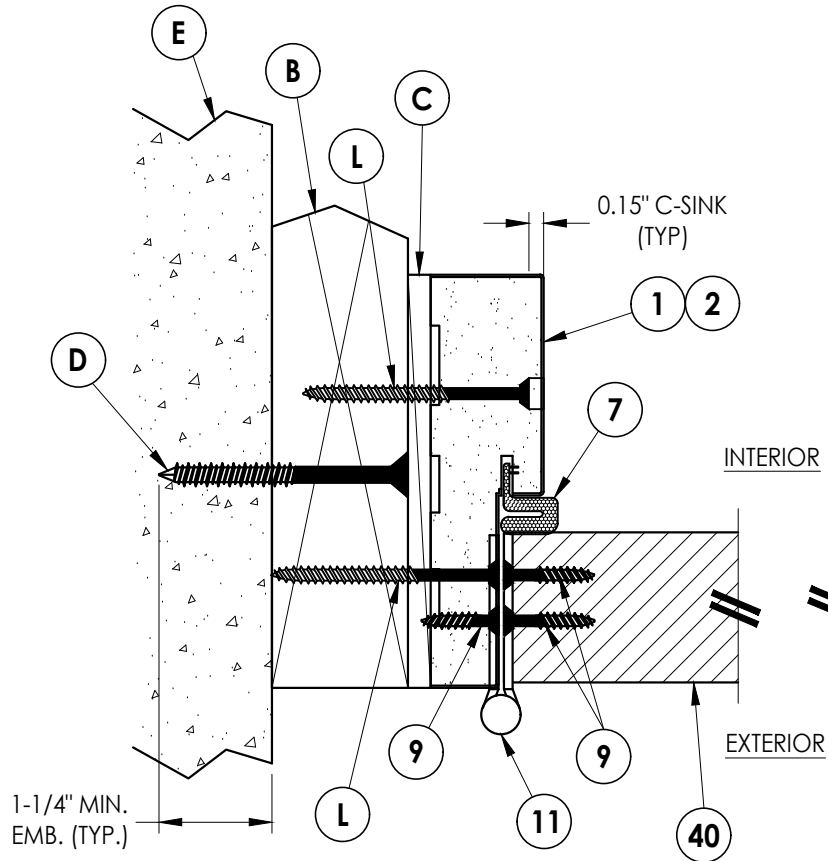
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SHEET 2 OF 11

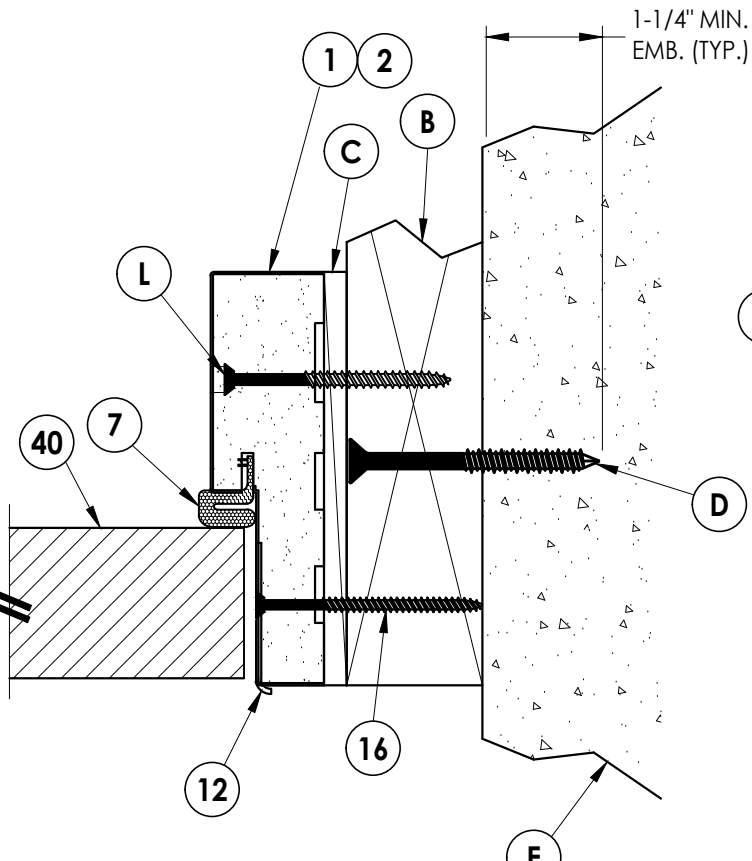


DATE: 2/11/19			SHEET 3 OF 11		
DRAWING NO.: FL-28685.1			CHK. BY: LFS		
DWG. BY: MT			SCALE: N.T.S.		
NO.			DATE		
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR			PART OR ASSEMBLY: ELEVATIONS		
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		

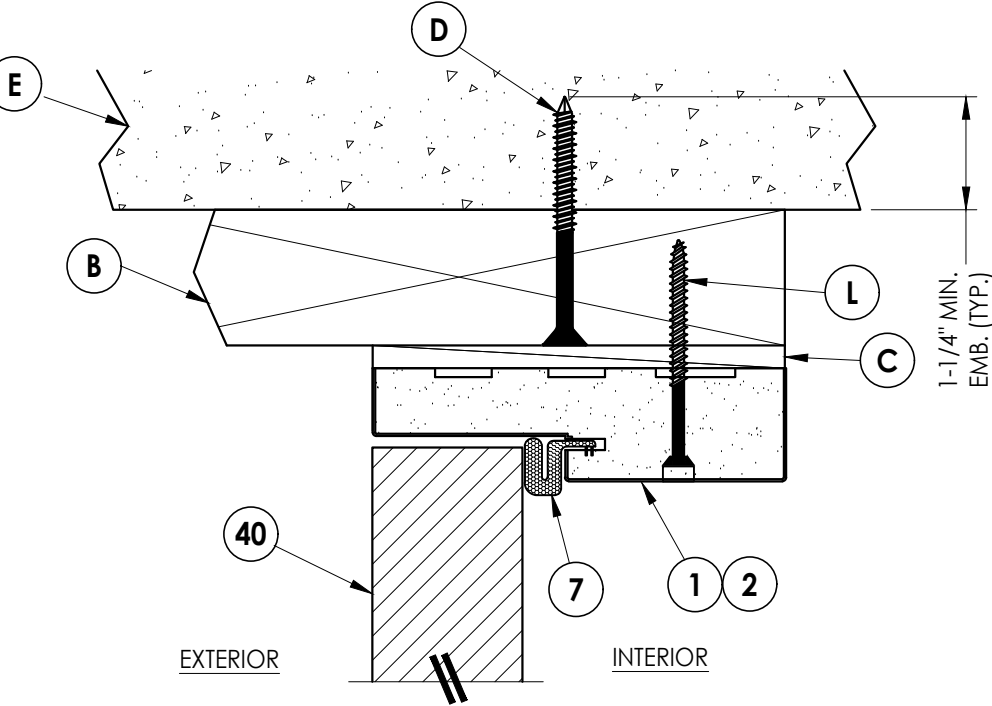
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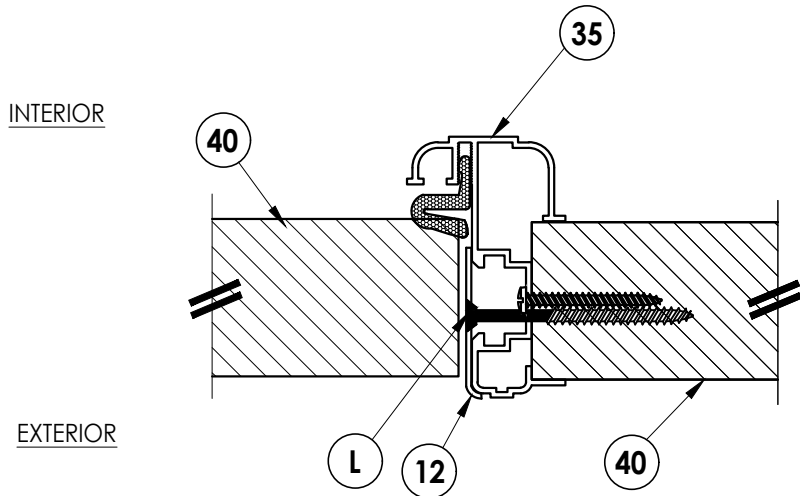
1
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



2
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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



4
4 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing 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 (2X BUCK)	

NO.	DATE	REVISIONS		
		BY	DATE	DESCRIPTION
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

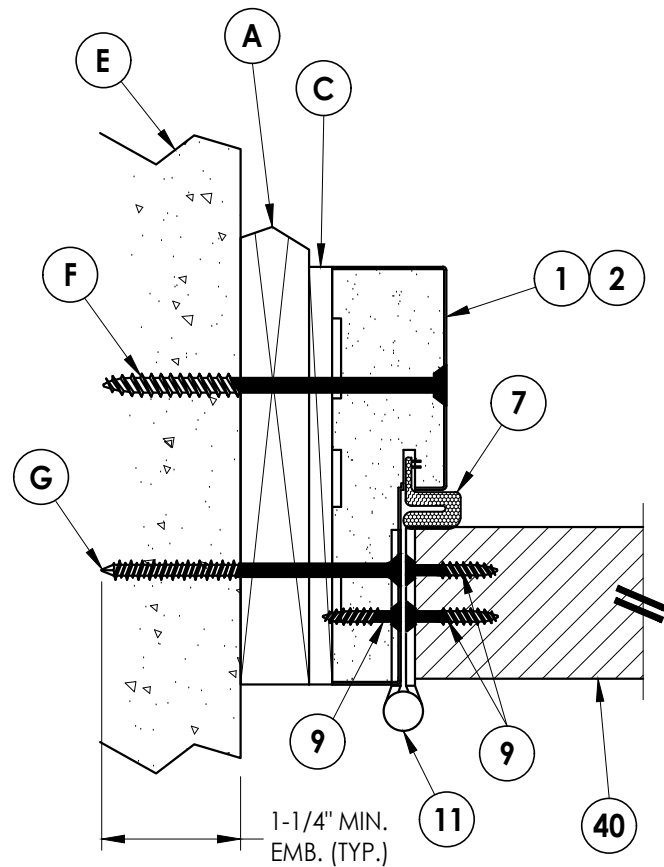
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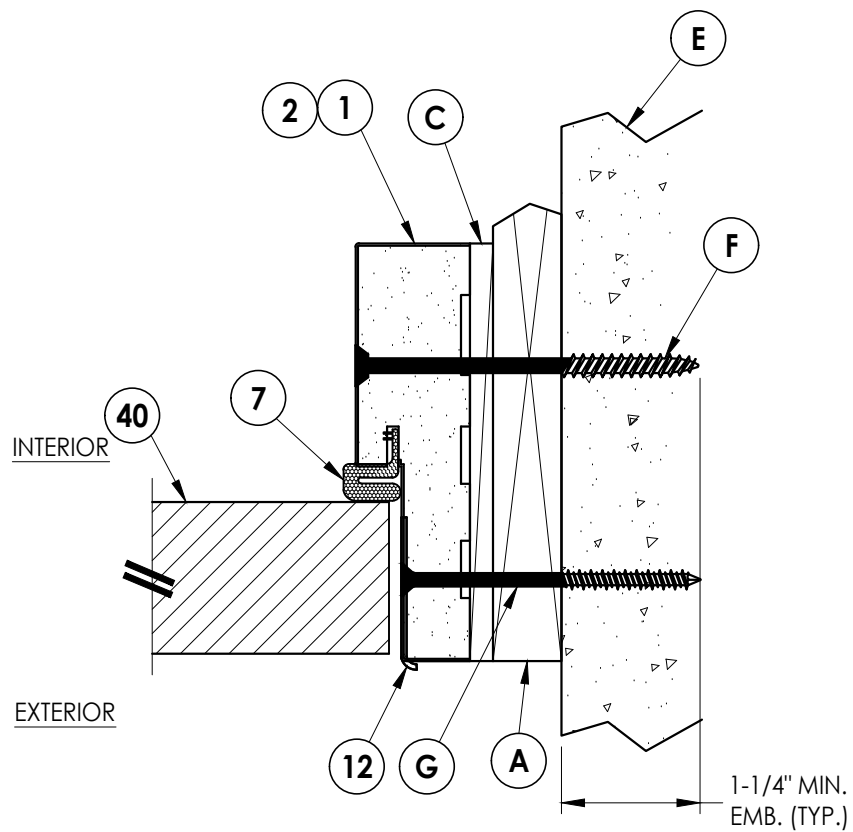
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SHEET 4 OF 11

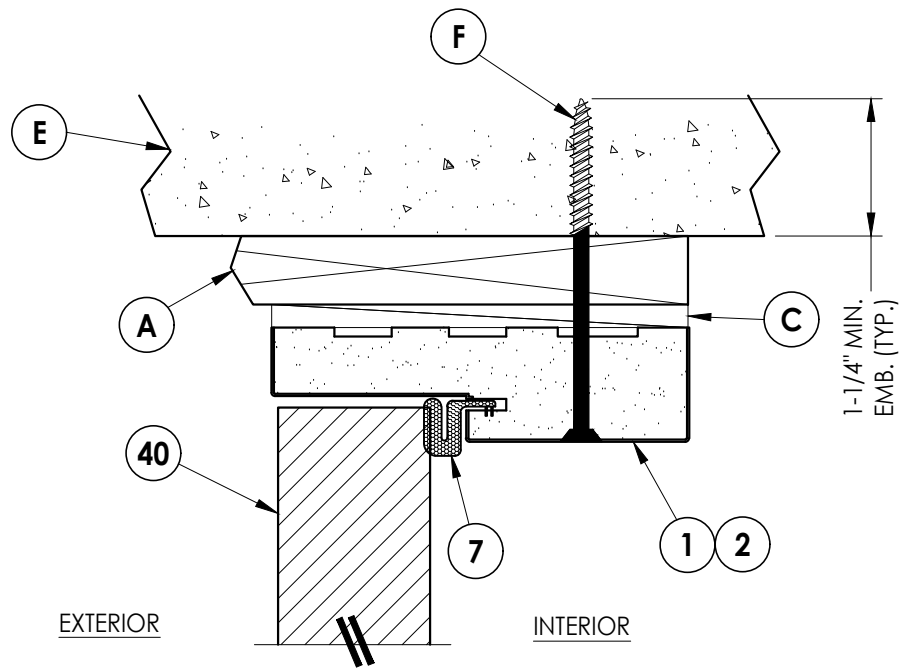
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1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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)

NOTES:

1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).

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P.E. No. 43409

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	

DATE: 2/11/19

SCALE: N.T.S.

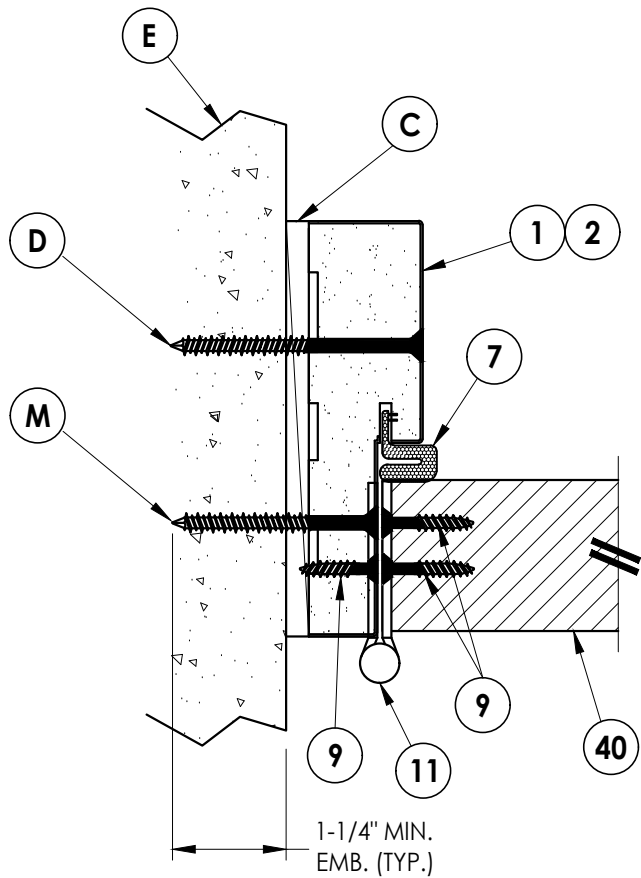
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CHK. BY: LFS

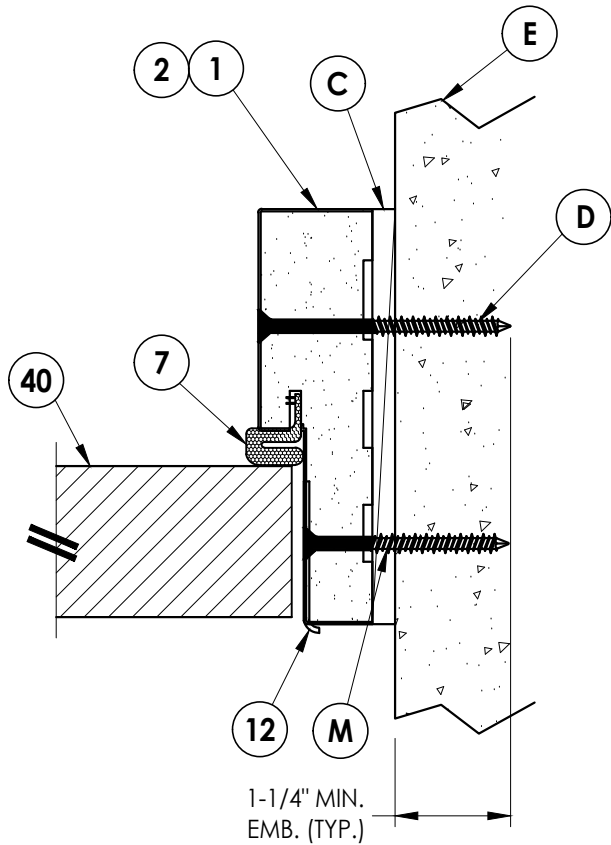
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FL-28685.1

SHEET 5 OF 11

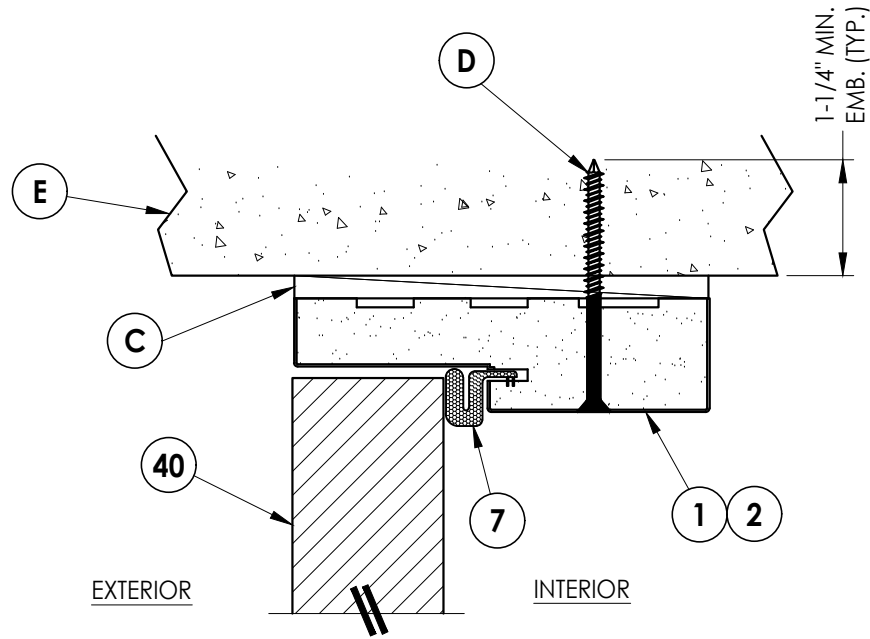
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1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

NOTES:

1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).

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:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS
BY		

DATE: 2/11/19

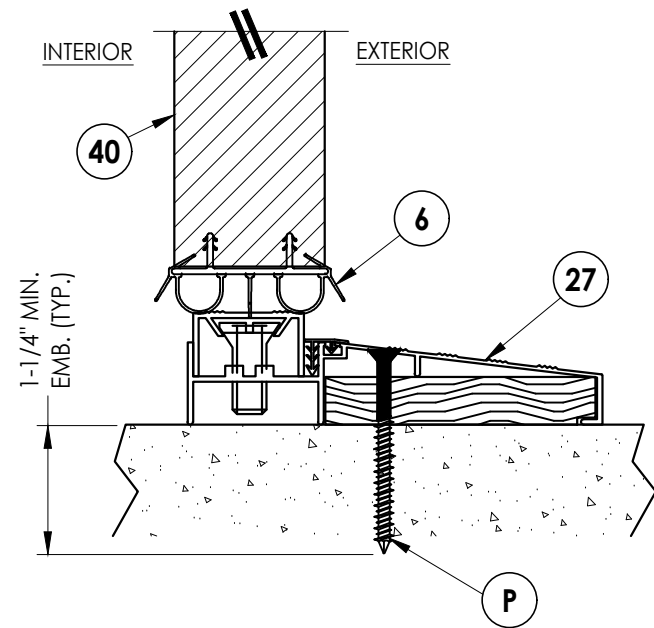
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DWG. BY: MT

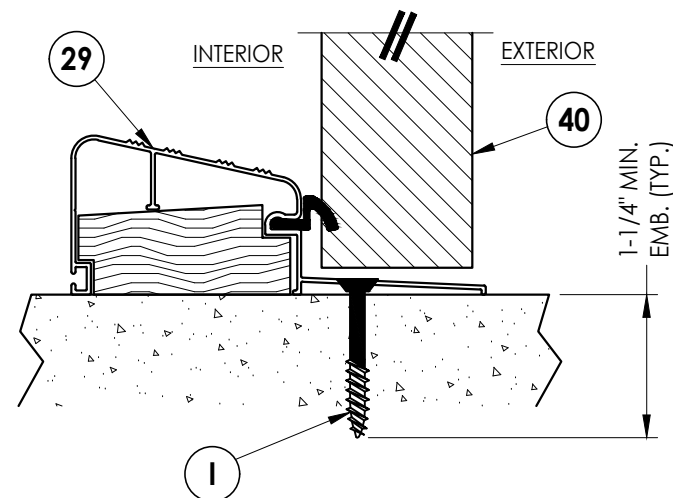
CHK. BY: LFS

DRAWING NO.:
FL-28685.1

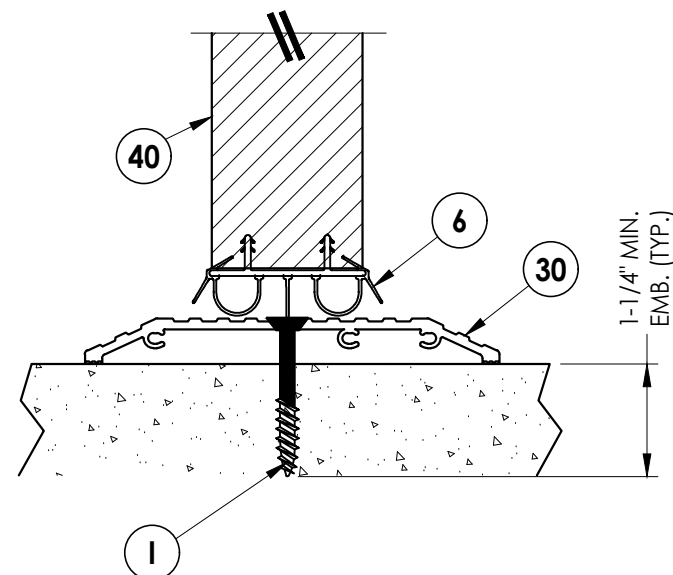
SHEET 6 OF 11



1 **VERTICAL CROSS SECTION**
7 Inswing sill



2 **VERTICAL CROSS SECTION**
7 Outswing sill



3 VERTICAL CROSS SECTION
7 ADA Sill

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28685.1

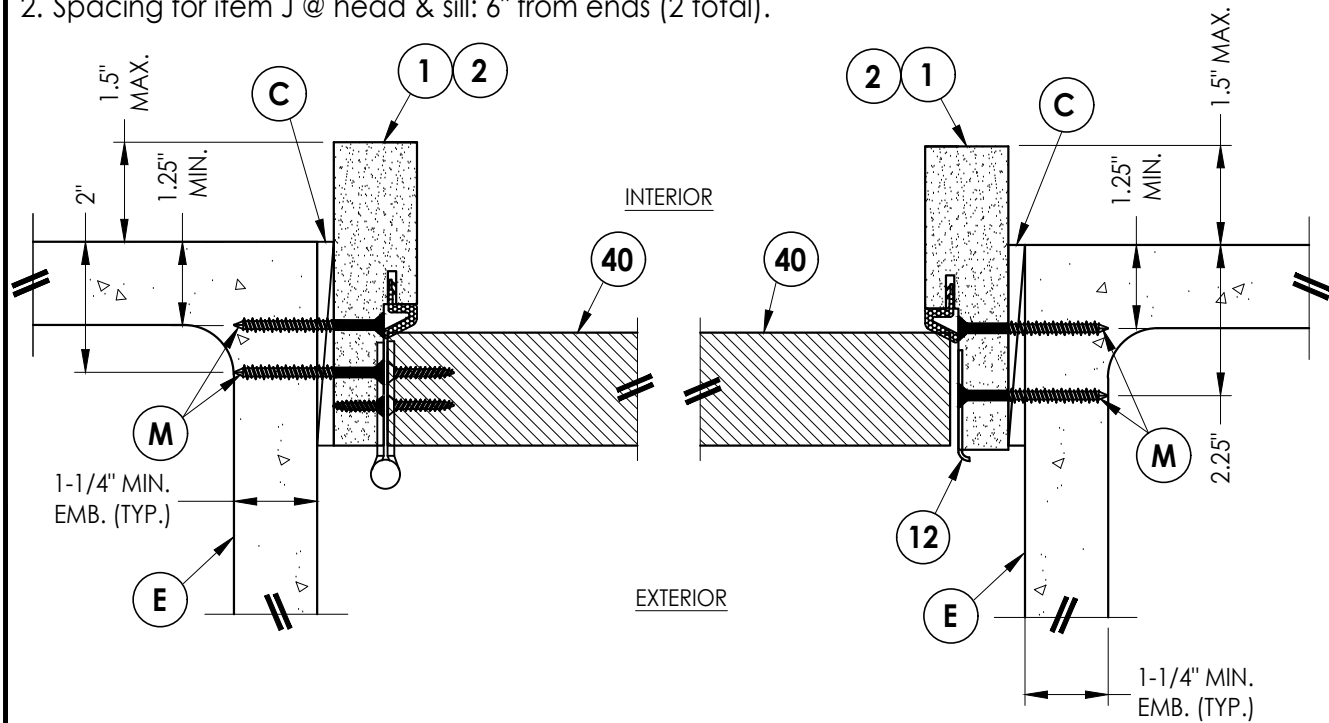
SHEET 7 OF 11

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

Documents Prepared By:
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P.E. No. 43409

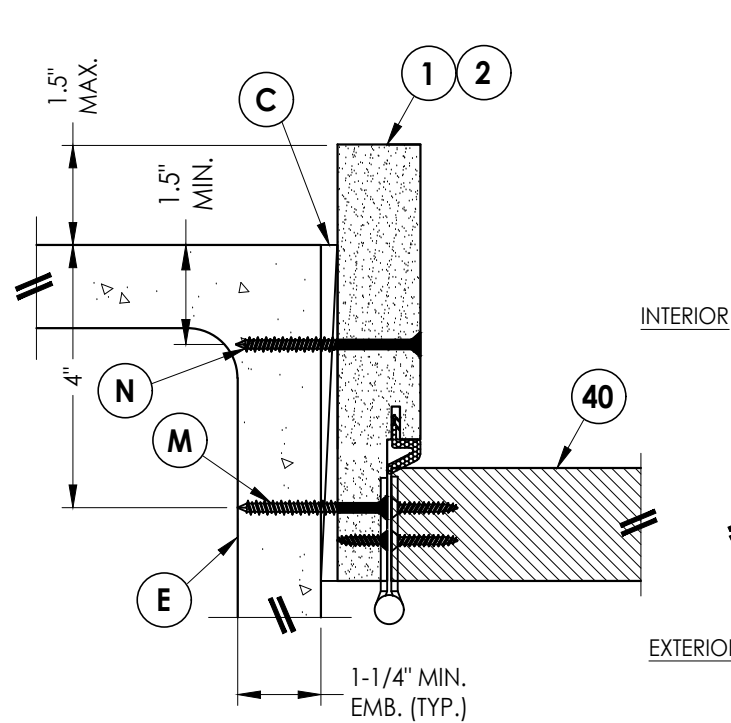
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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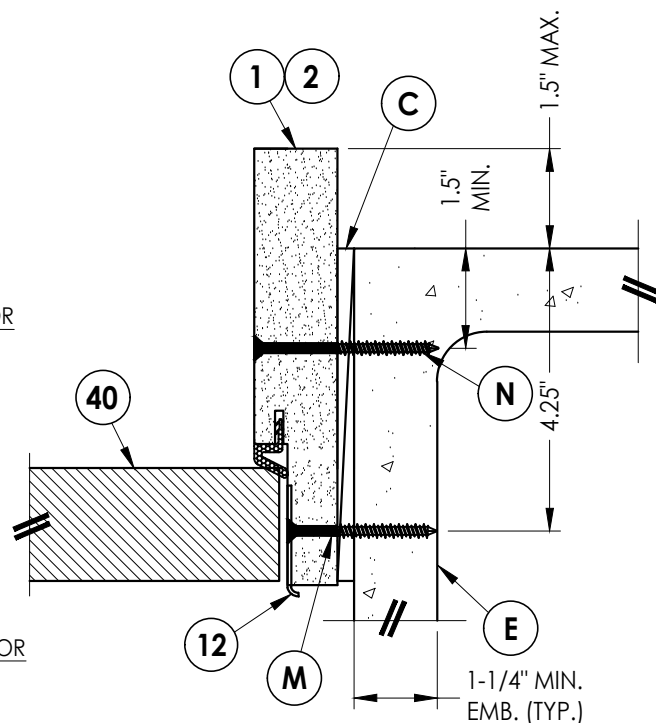


1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single door only

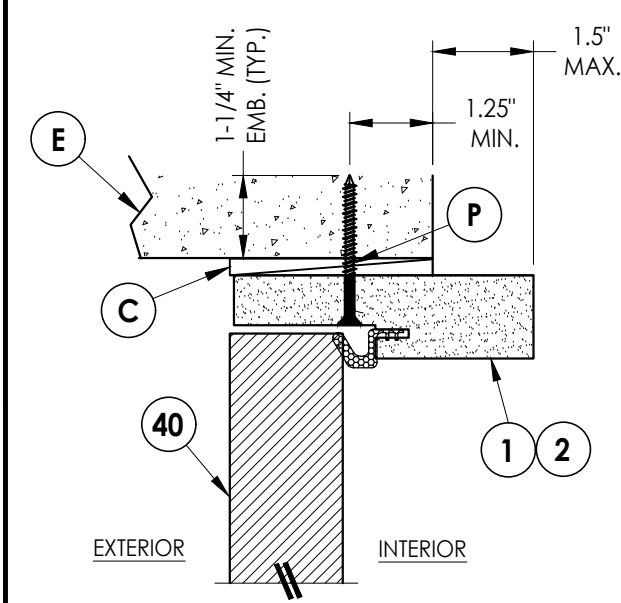
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Single door only



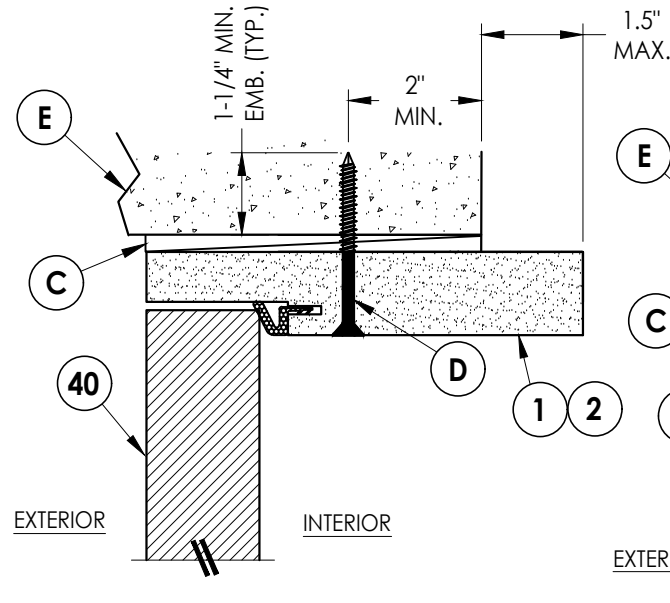
3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



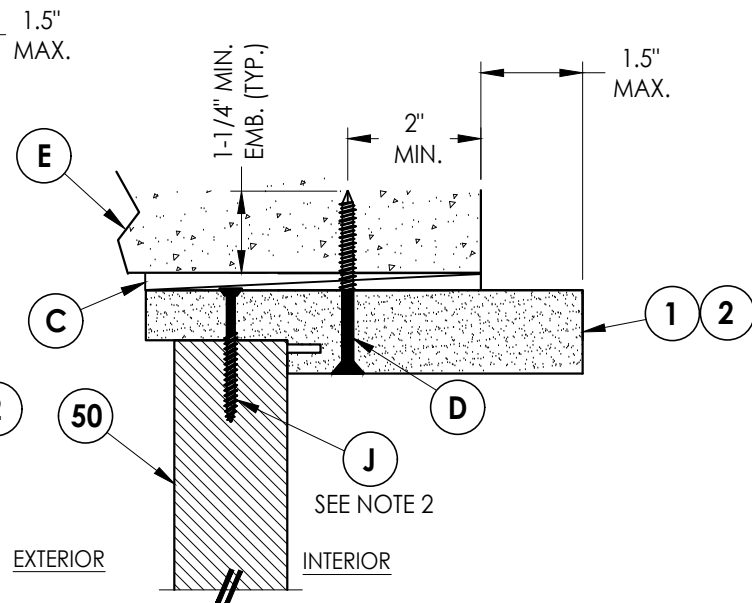
4
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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



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



7
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

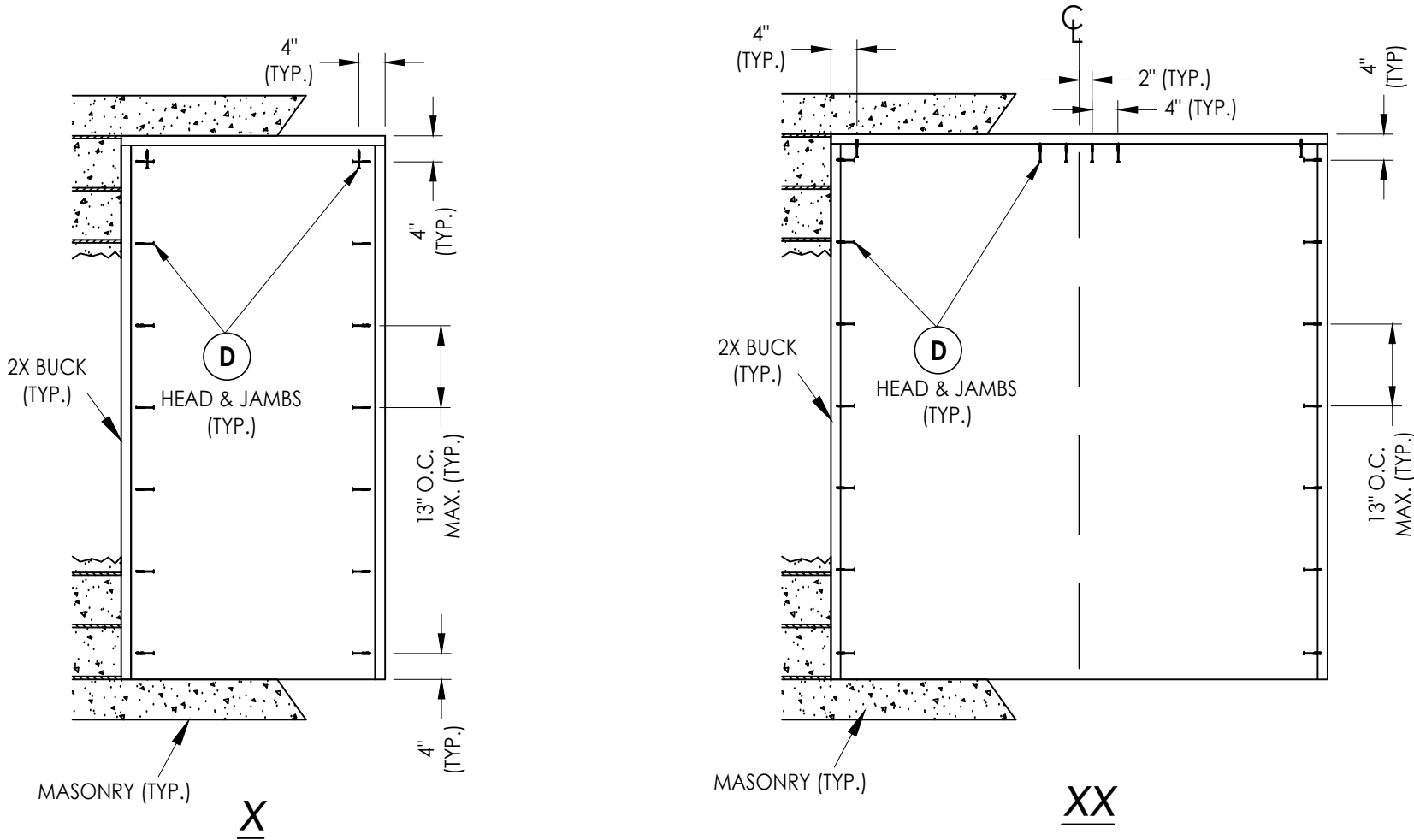
NOTES:

- Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
- Spacing for item J @ head & sill: 6" from ends (2 total).

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	REVISIONS	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC	LFS
DATE: 2/11/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28685.1			
SHEET 8 OF 11			

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



2X BUCK ANCHORING

DATE: 2/11/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.:
FL-28685.1
SHEET 9 OF 11

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	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
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
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	#10 X 2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	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
2	FINGER JOINT PINE JAMB	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP	FOAM
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
15	#12 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	INSWING THRESHOLD	ALUM/WOOD
29	OUTSWING THRESHOLD	ALUM/WOOD
30	ADA THRESHOLD	ALUM
35	ASTRAGAL (DLP)	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-

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:

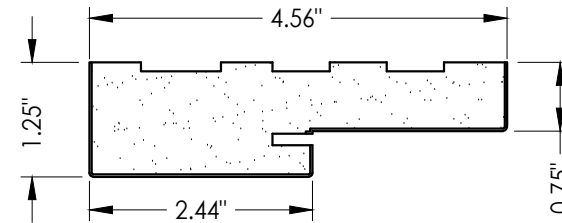
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

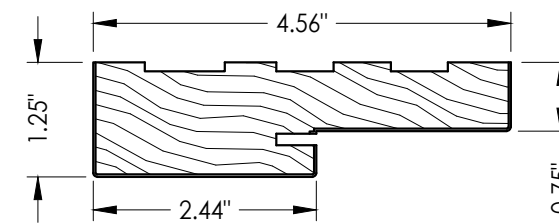
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

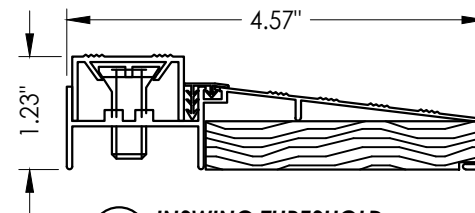
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



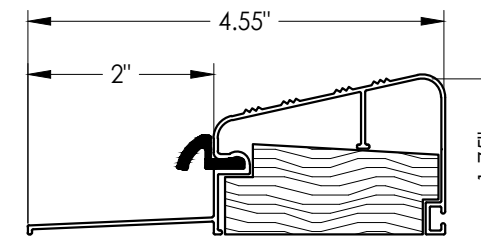
1 POLY FIBER JAMB
Plastpro PF Jamb



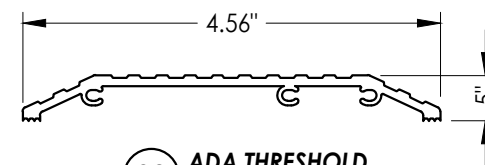
2 FINGER JOINT PINE JAMB



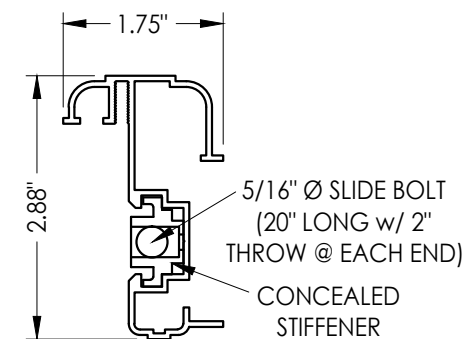
27 **INSWING THRESHOLD**
DLP



29 **OUTSWING THRESHOLD**
DLP (QOSR)



30 ADA THRESHOLD
DLP



35 DLP ASTRAGAL

[illegible]

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
Phone No.: 813.659.9197
FBPE Registry No. 9813