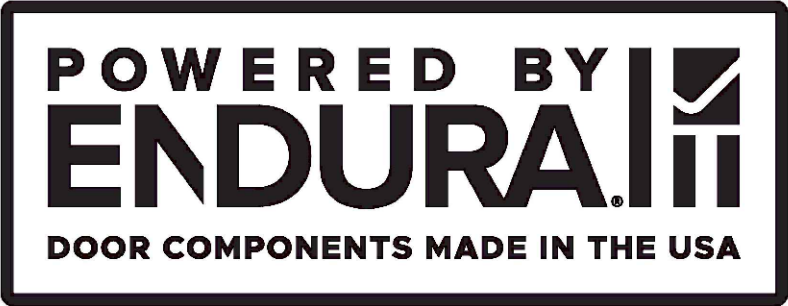


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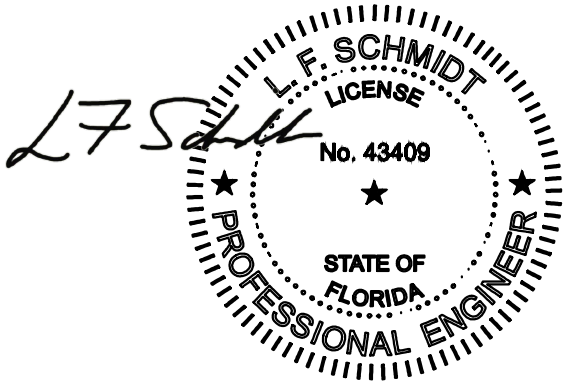
TRILENNIUM®
MULTI-POINT LOCK
w/ CAOBA DOUBLE DOOR
OUTSWING
"NON-IMPACT"

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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck & frame anchoring
6	Lock set details
7	Components
8	Bill of materials & glazing detail

CONFIG.	OVERALL FRAME DIMENSION	OVERALL FULL LITE D.L.O. DIMENSION	OVERALL 3/4 LITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
DOUBLE	74.25" x 97.75"	24.0" x 80.0"	24.12" x 65.0"	G1	+100.0	-100.0

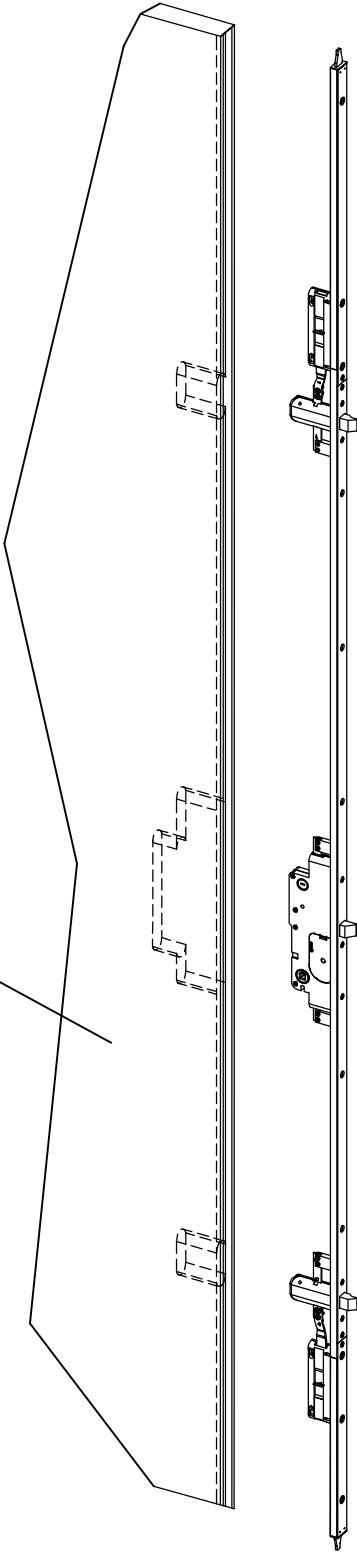


Digitally signed by Lyndon F Schmidt
Date: 2026.07.19 08:57:13 -04'00'

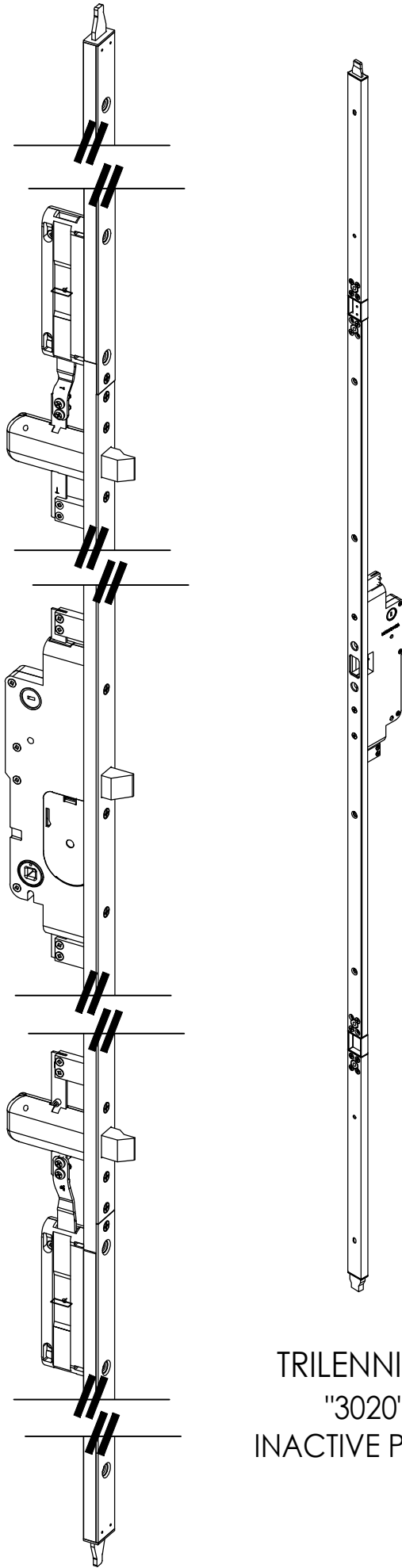
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

CAOBA DOOR



TRILENNIUM
5 POINT LOCK
"3500"



TRILENNIUM®
"3020"
INACTIVE PANEL

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

ENDURA
MULTI-POINT LOCK SET

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

5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 3/29/12

SCALE: N.T.S.

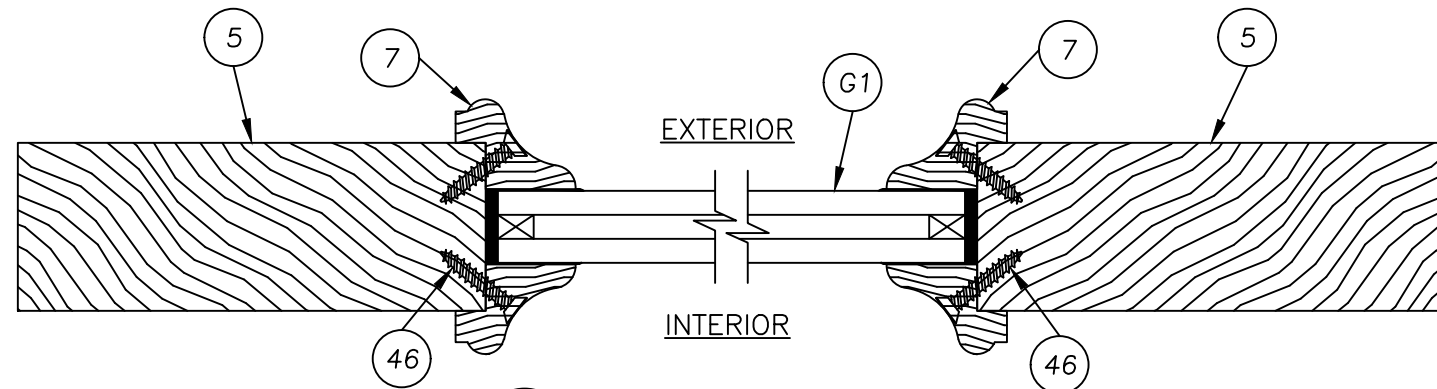
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CHK. BY: LFS

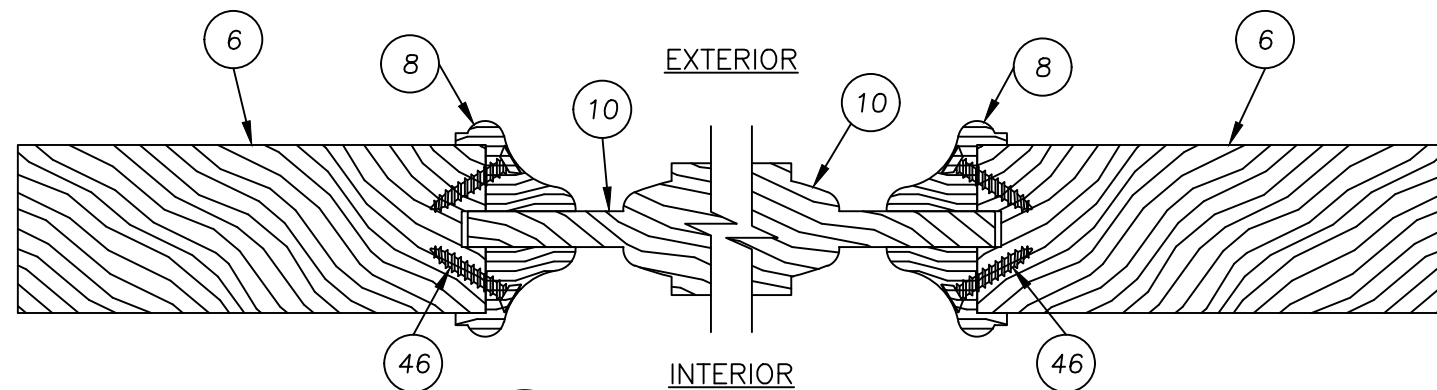
DRAWING NO.: FL-15384.7

SHEET 1 OF 8

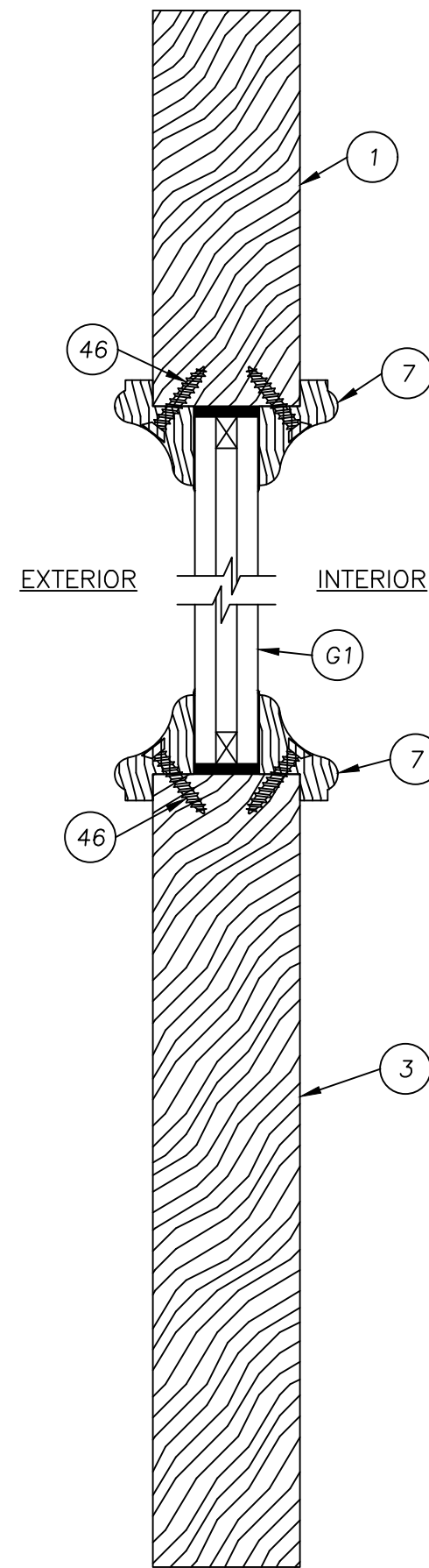
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



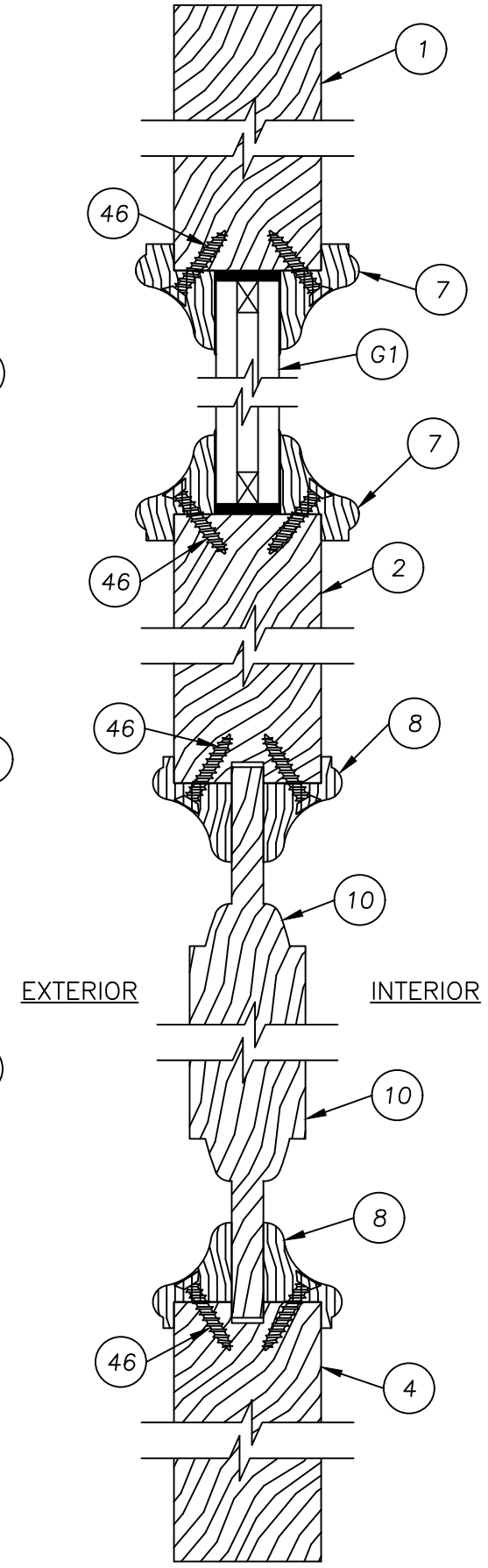
1	HORIZONTAL CROSS SECTION
2	FULL LITE PANEL



2 HORIZONTAL CROSS SECTION
2 PANEL OVER PANEL



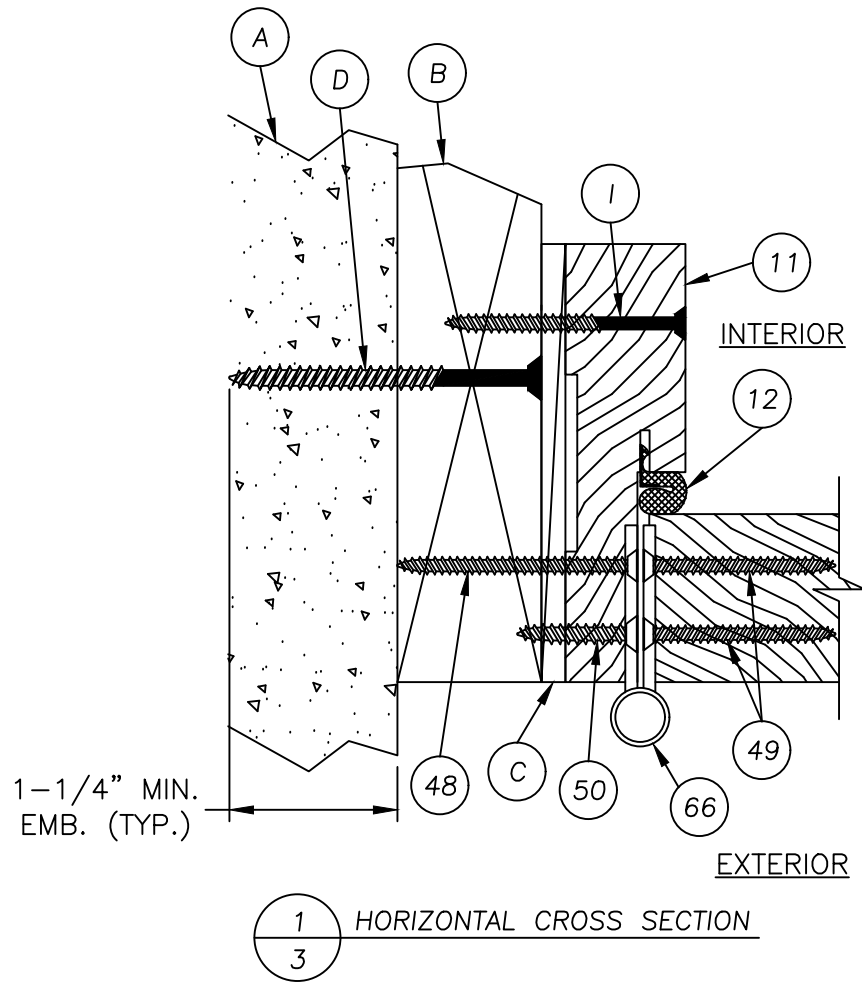
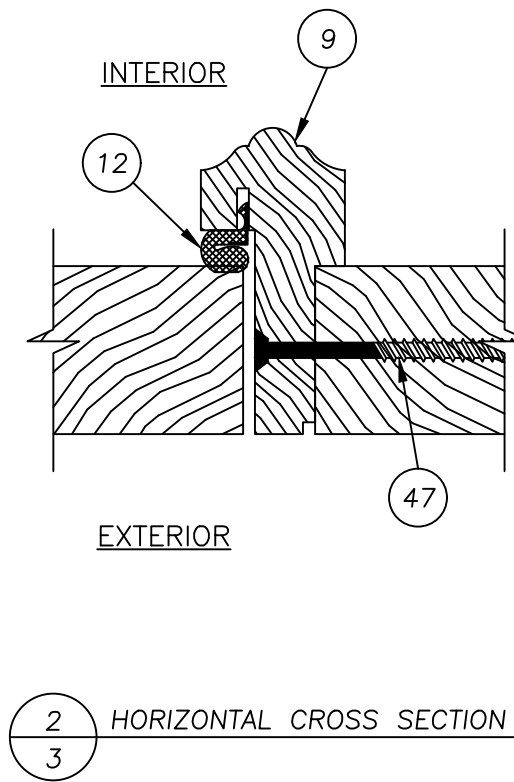
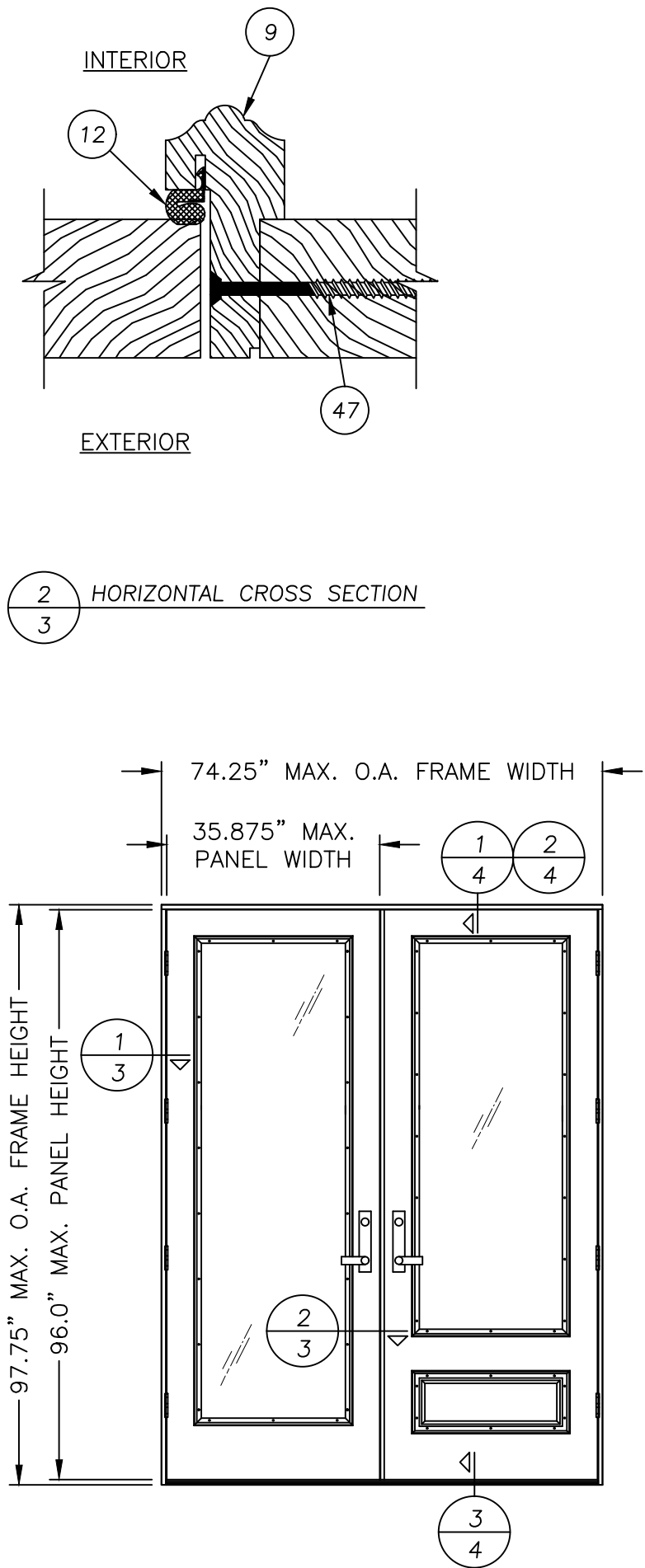
3 VERTICAL CROSS SECTION
2 FULL LITE PANEL



VERTICAL CROSS SECTION
 PANEL OVER PANEL

DATE: 3/29/12		DRAWING NO.: FL-15384.7		SHEET 2 OF 8	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: JK	
NO. DATE		UPDATE TO 5TH ED. (2014) FBC		UPDATE TO 6TH ED. (2017) FBC	
1		3/28/15		9/26/17	
2		9/26/17		8/10/20	
3		8/10/20		7/06/23	
4		7/06/23		7/01/26	
5		7/01/26		UPDATE TO 9TH ED. (2026) FBC	
LFS		BY		JK	
REVISIONS		PART OR ASSEMBLY:		PRODUCT:	
PANEL DETAILS		MULTI-POINT LOCK SET		ENDURA	
BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
FBPE Registry No. 9813		FBPE Registry No. 9813		P.E. No. 43409	
Lyndon F. Schmidt		Documents Prepared By:		Lyndon F. Schmidt	

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

ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

7/01/26
7/06/23
8/10/20
9/26/17
3/28/15
NO. DATE

UPDATE TO 9TH ED. (2026)
UPDATE TO 8TH ED. (2023)
UPDATE TO 7TH ED. (2020)
UPDATE TO 6TH ED. (2017)
UPDATE TO 5TH ED. (2014)

FBC
FBC
FBC
FBC
FBC

LFS
LFS
LFS
LFS
JK

BY

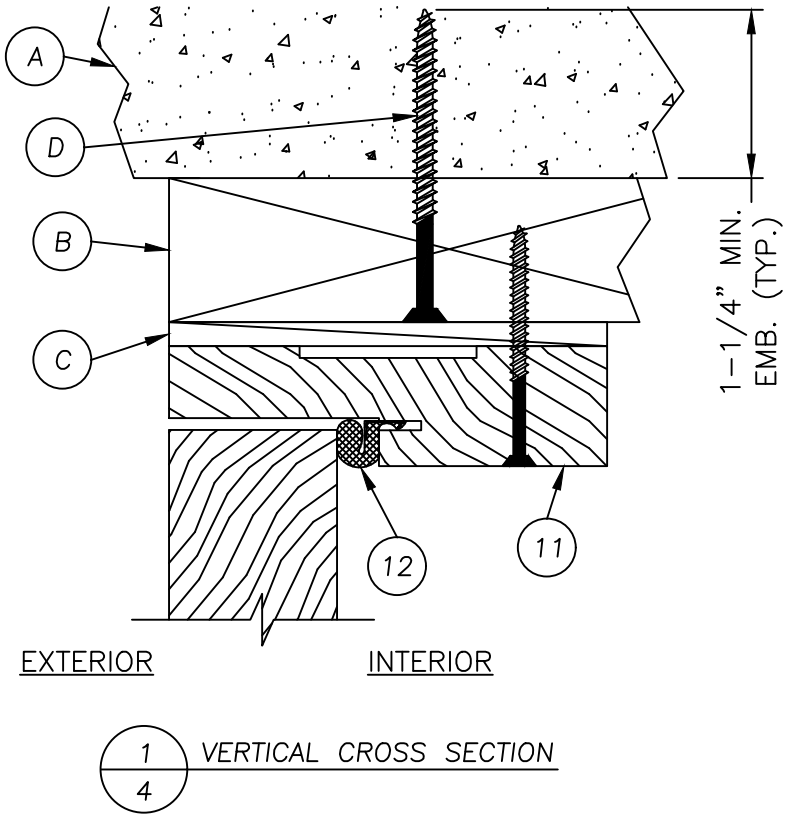
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SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-15384.7
SHEET 3 OF 8

REVISIONS

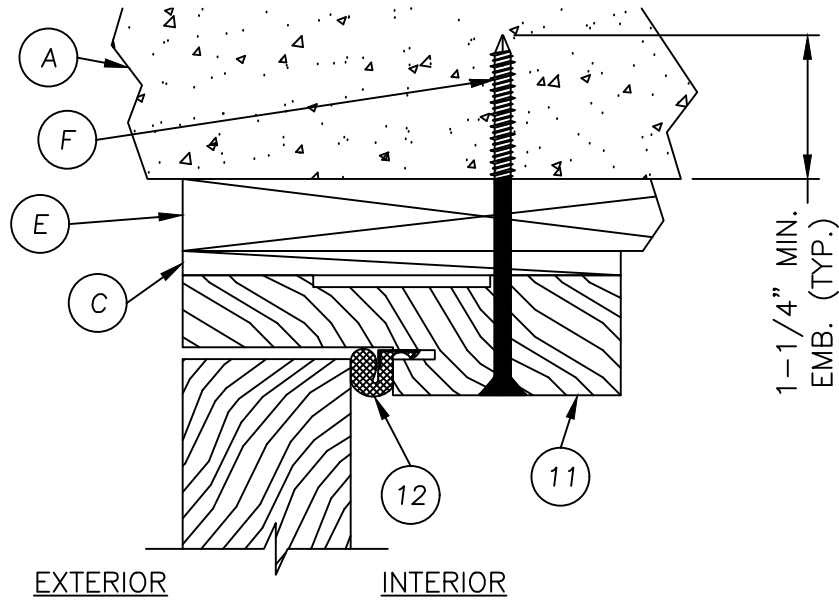
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Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

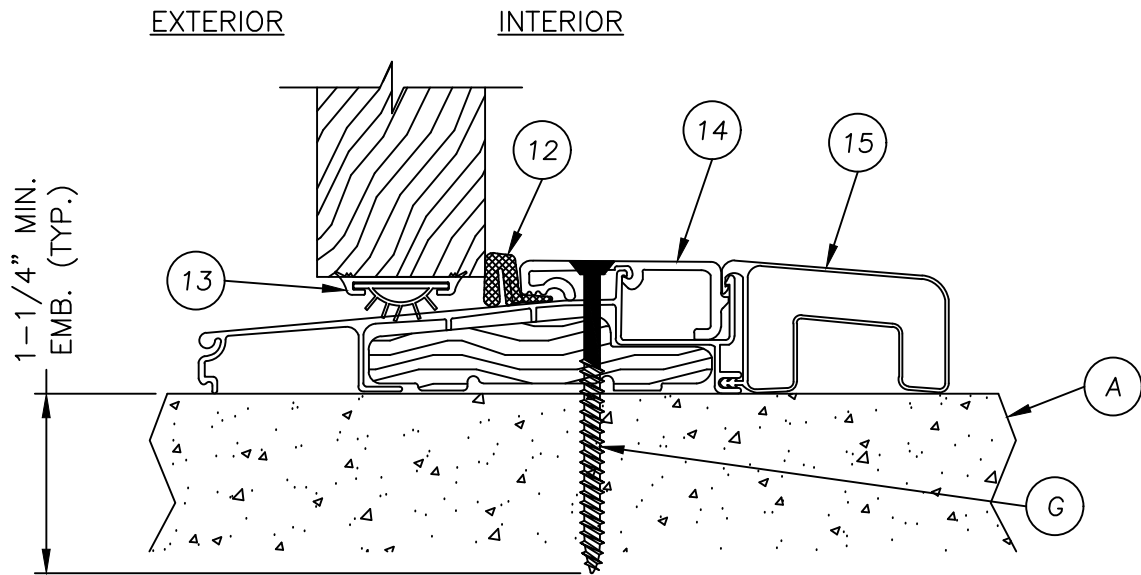
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1
4 VERTICAL CROSS SECTION



2
4 VERTICAL CROSS SECTION
Shown w/1X sub-buck



3
4 VERTICAL CROSS SECTION

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/10/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/28/15	UPDATE TO 5TH ED. (2014) FBC JK
NO.	DATE	BY

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15384.7

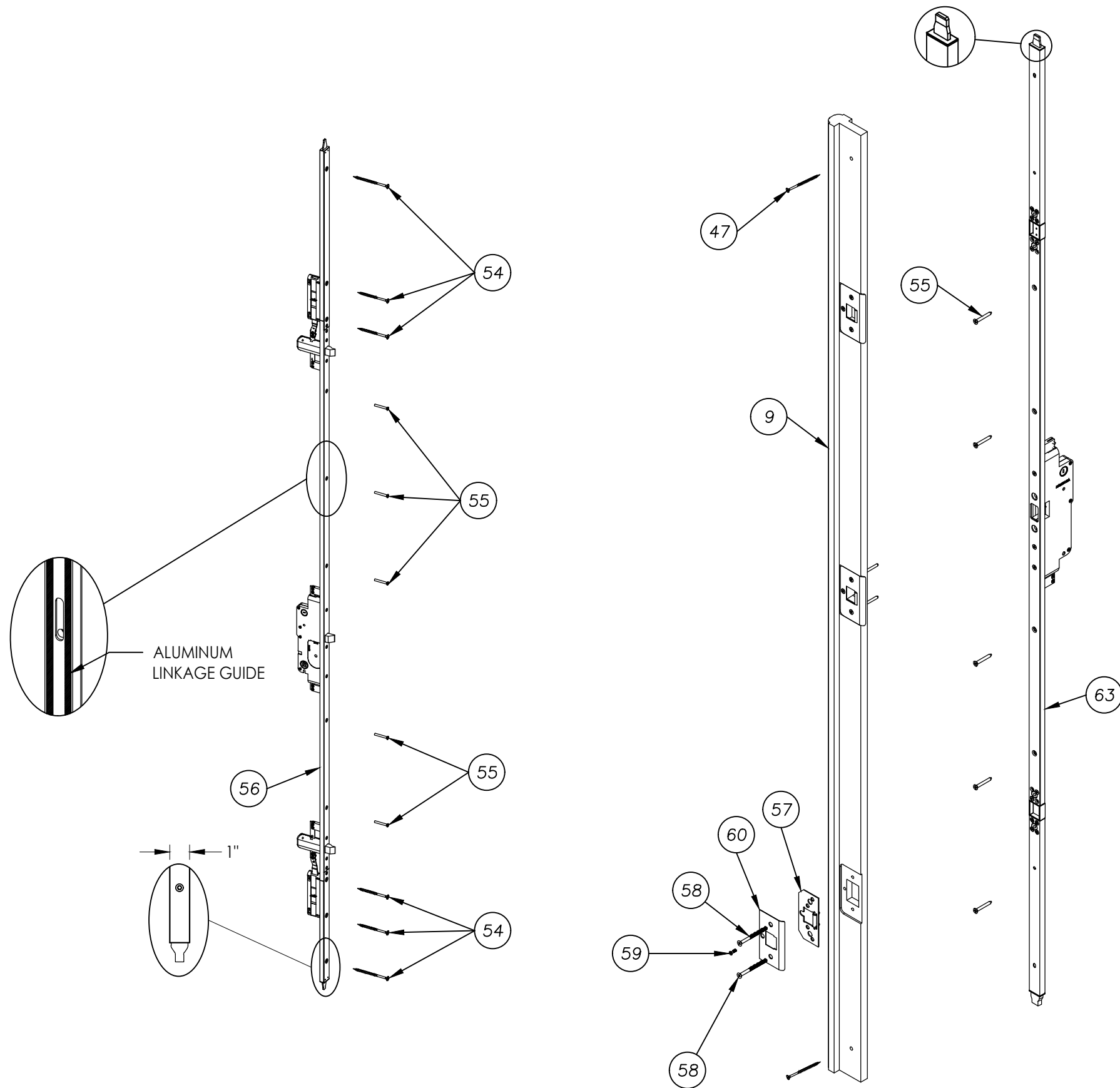
SHEET 4 OF 8

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

PRODUCT: ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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



5 POINT LOCK

DATE:	3/29/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15384.7	
SHEET	6	OF 8

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:

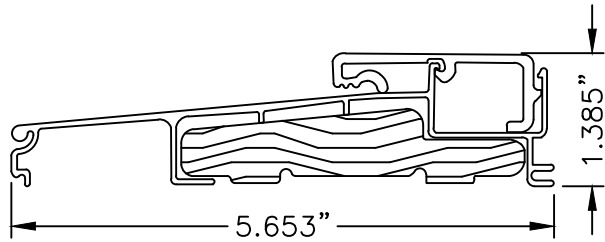
LOCK SET DETAILS

RCM BUILDING CONSULTANTS, INC.

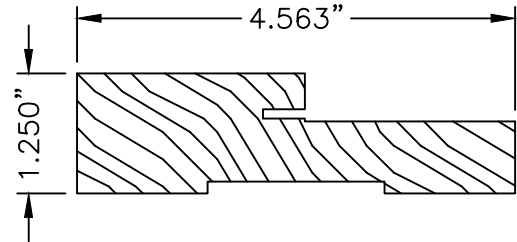
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197

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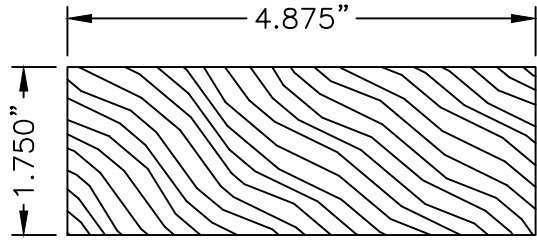
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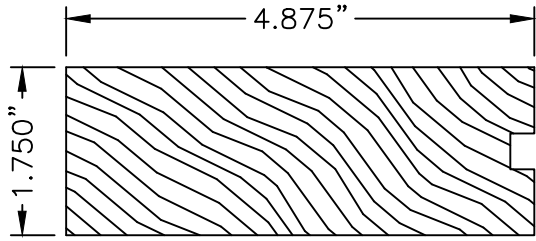
14 OUTSWING THRESHOLD



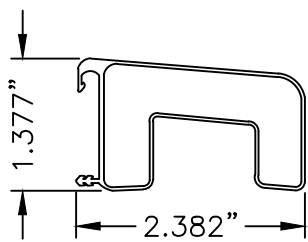
11 JAMB



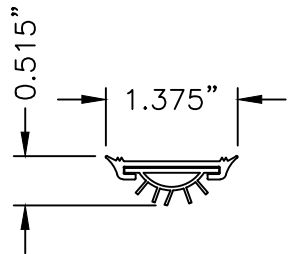
5 STILE
CAOBA



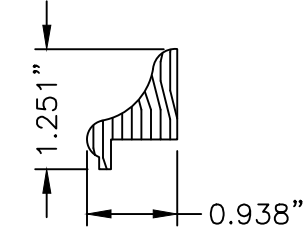
6 LOWER STILE
PANEL OVER PANEL
CAOBA



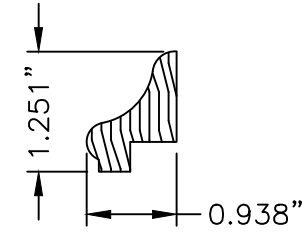
15 THRESHOLD TRIM
CAOBA



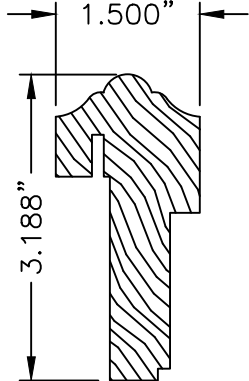
13 DOOR BOTTOM SWEEP
CAOBA



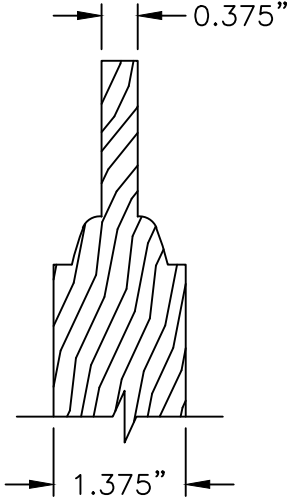
8 PANEL STOP
CAOBA



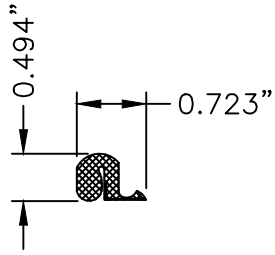
7 GLASS STOP
CAOBA



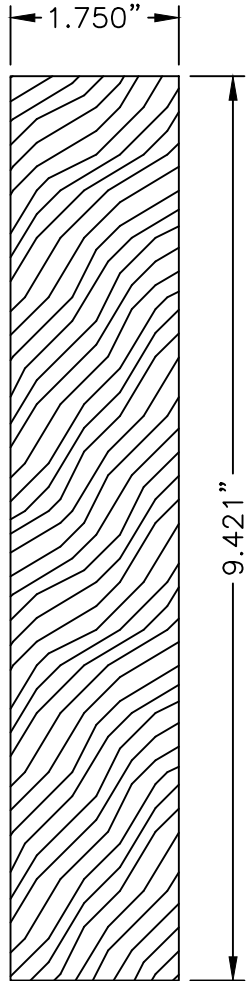
9 ASTRAGAL
CAOBA



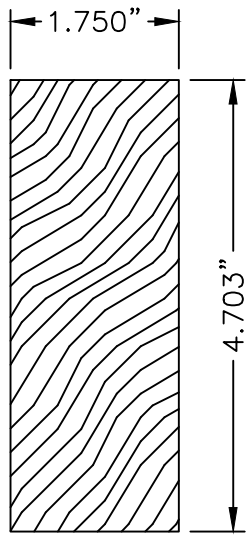
10 PANEL INSERT
CAOBA



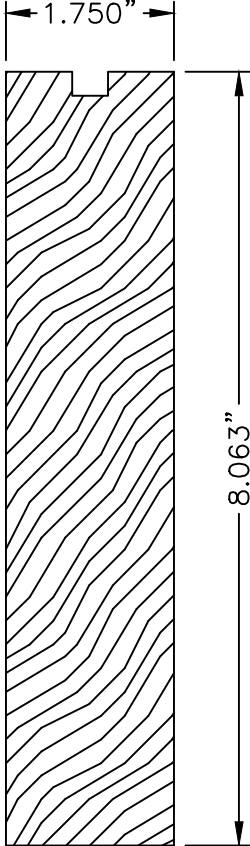
12 WEATHER STRIP
CAOBA



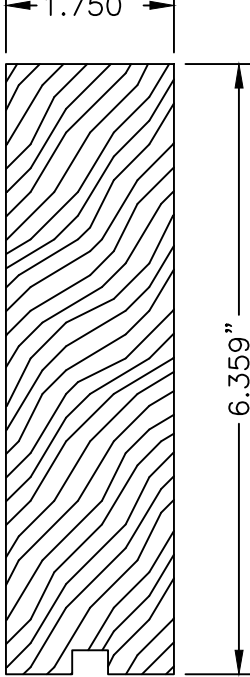
3 BOTTOM RAIL
FULL LITE PANEL
CAOBA



1 TOP RAIL
CAOBA



4 BOTTOM RAIL
PANEL OVER PANEL
CAOBA



2 MIDRAIL
CAOBA

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15384.7

SHEET 7 OF 8

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/10/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/28/15	UPDATE TO 5TH ED. (2014) FBC JK
NO.	DATE	BY

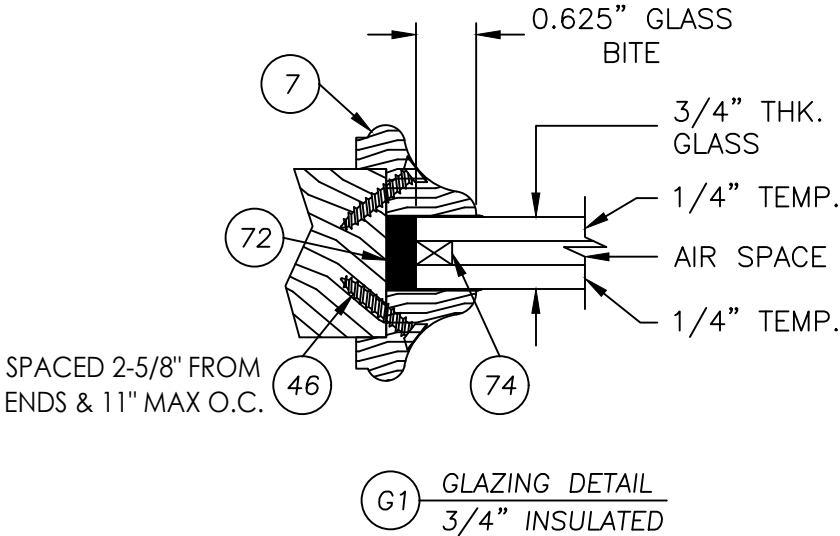
PRODUCT:	ENDURA MULTI-POINT LOCK SET
PART OR ASSEMBLY:	COMPONENTS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	MASONRY – 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
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	1X BUCK SG >= 0.55	WOOD
F	1/4” X 3–3/4” PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	1/4” X 3–1/4” PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16” X 3–1/4” PFH DeWALT CONCRETE SCREW	STEEL
I	#10 X 2–1/2” PFH WS (1.15” MIN. EMBEDMENT, C’SINK 0.15”)	STEEL
1	TOP RAIL (CAOBA)	WOOD
2	MIDRAIL (CAOBA)	WOOD
3	BOTTOM RAIL (FULL LITE PANEL) (CAOBA)	WOOD
4	BOTTOM RAIL (PANEL OVER PANEL) (CAOBA)	WOOD
5	STILE (CAOBA)	WOOD
6	LOWER STILE (PANEL OVER PANEL) (CAOBA)	WOOD
7	GLASS STOP (CAOBA)	WOOD
8	PANEL STOP (CAOBA)	WOOD
9	ASTRAGAL (CAOBA)	WOOD
10	PANEL INSERT (CAOBA)	WOOD
11	JAMB (CAOBA)	WOOD
12	WEATHERSTRIP (CAOBA)	FOAM
13	DOOR BOTTOM SWEEP (CAOBA)	PVC
14	OUTSWING THRESHOLD	AL./WOOD
15	THRESHOLD TRIM (CAOBA)	COMP.
46	#10 X 1” PFH SCREW	STEEL
47	#14 X 4” FLAT SQUARE DRIVE WOOD SCREW	STEEL
48	#10 X 2–1/2” PFH SCREW	STEEL
49	#10 X 2” PFH SCREW	STEEL
50	#12 X 1–1/4” PFH SCREW	STEEL
54	#14 X 3–1/2” FLAT SQUARE DRIVE WOOD SCREW	STEEL
55	#10 X 1–1/2” PFH SCREW	STEEL
56	LOCK ASSEMBLY (DOUBLE DOOR)(3500 SERIES)	METAL
57	BACKING PLATE	STEEL
58	#8 X 1–1/4” PFH MACHINE SCREW	STEEL
59	#8 X 3/4” PFH SCREW	STEEL
60	MULTI–POINT STRIKE PLATE	STEEL
63	FLUSH BOLT LOCK ASSEMBLY (3020 SERIES)	METAL
64	FLUSH BOLT STRIKE PLATE DOUBLE DOOR	STEEL
66	4–1/4” HINGE	STEEL
72	GLAZING COMPOUND	SILICONE
74	DESICCANT FILLED ALUMINUM GLAZING SPACER (CAOBA)	–

WOOD COMPONENTS: MAHOGANY (G >= 0.60)



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

ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:
BILL OF MATERIALS
& GLAZING DETAIL

5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 3/29/12

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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15384.7

SHEET 8 OF 8

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FBPE Registry No. 9813