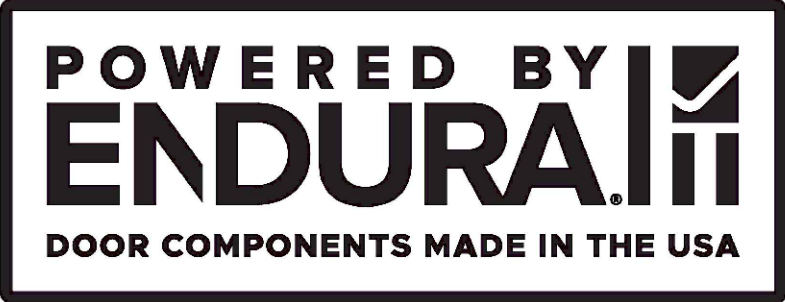
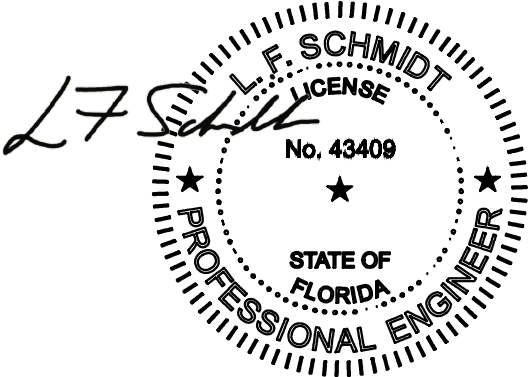


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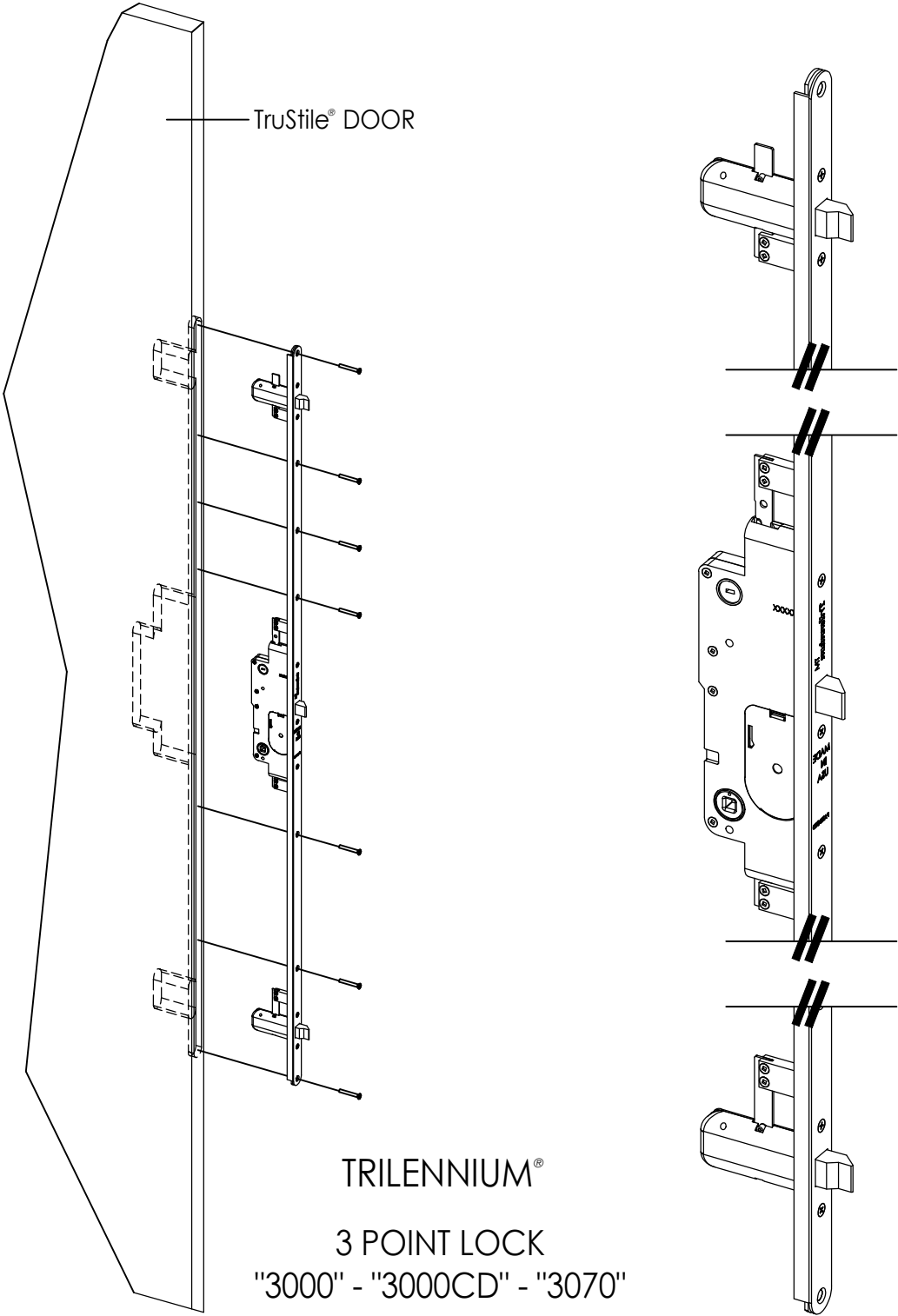
TRILENNIUM®
MULTI-POINT LOCK
w/ TruStile® DOOR
SINGLE & SINGLE w/ SIDELITE
OUTSWING
"NON-IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2026.07.19 08:59:19 -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



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	Buck & frame anchoring
7	Lock set details
8	Bill of materials & components

CONFIG.	OVERALL FRAME DIMENSION	OVERALL DOOR D.L.O. DIMENSION	OVERALL SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
SINGLE	37.87" x 98.0"	24.37" x 81.50"	N/A	G1	+60.0	-65.0
SINGLE w/ SIDELITE	52.87" x 98.0"	24.37" x 81.50"	7.75" x 81.75"		+60.0	-65.0

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	8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
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1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE	REVISIONS		

DATE: 3/29/12

SCALE: N.T.S.

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CHK. BY: LFS

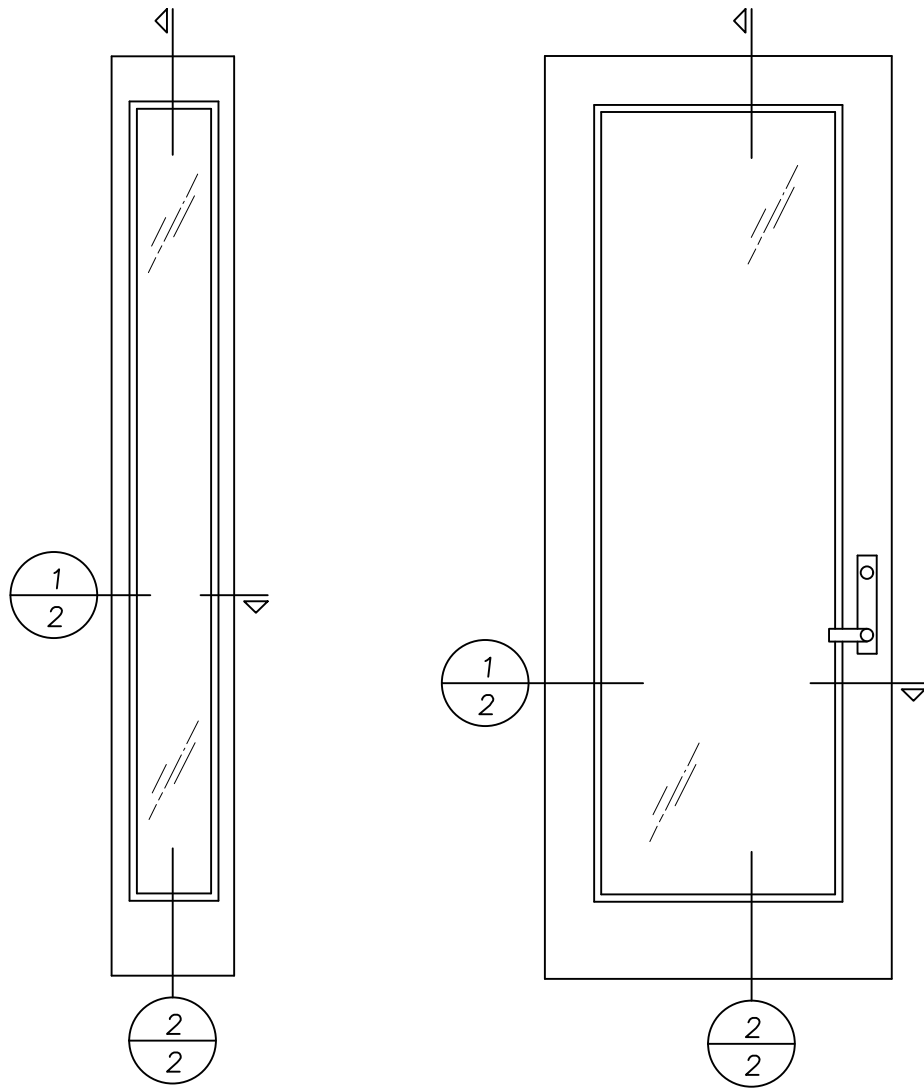
DRAWING NO.: FL-15384.1

SHEET 1 OF 8

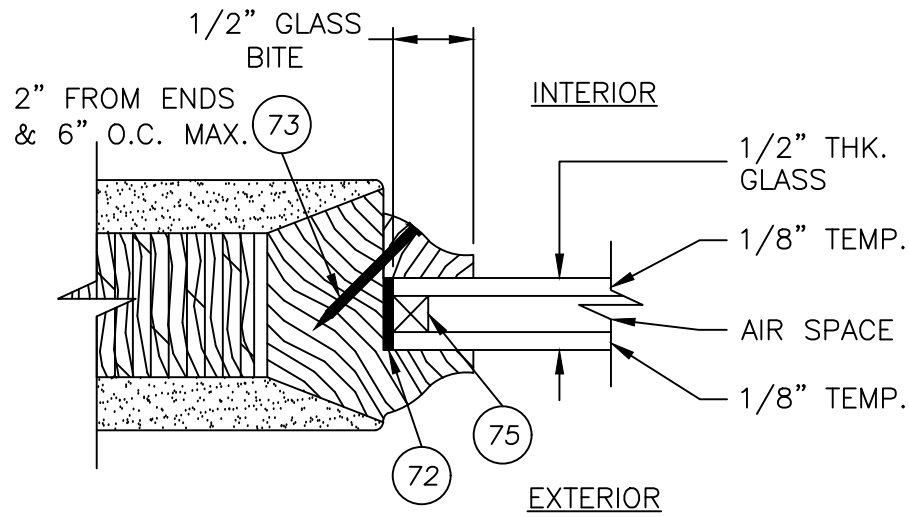
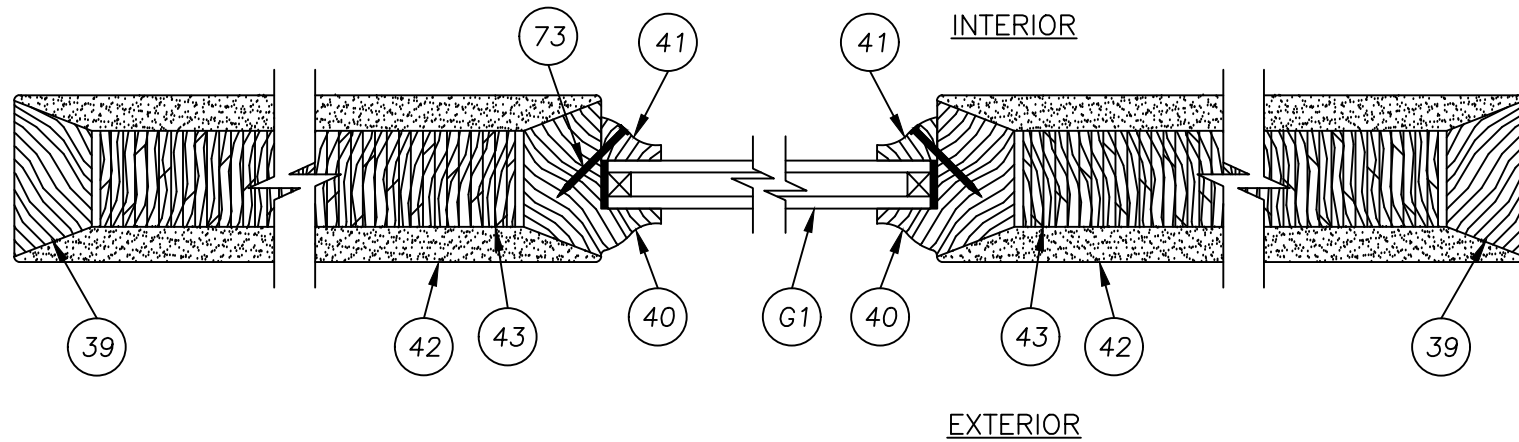
RW

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FBPE Registry No. 9813

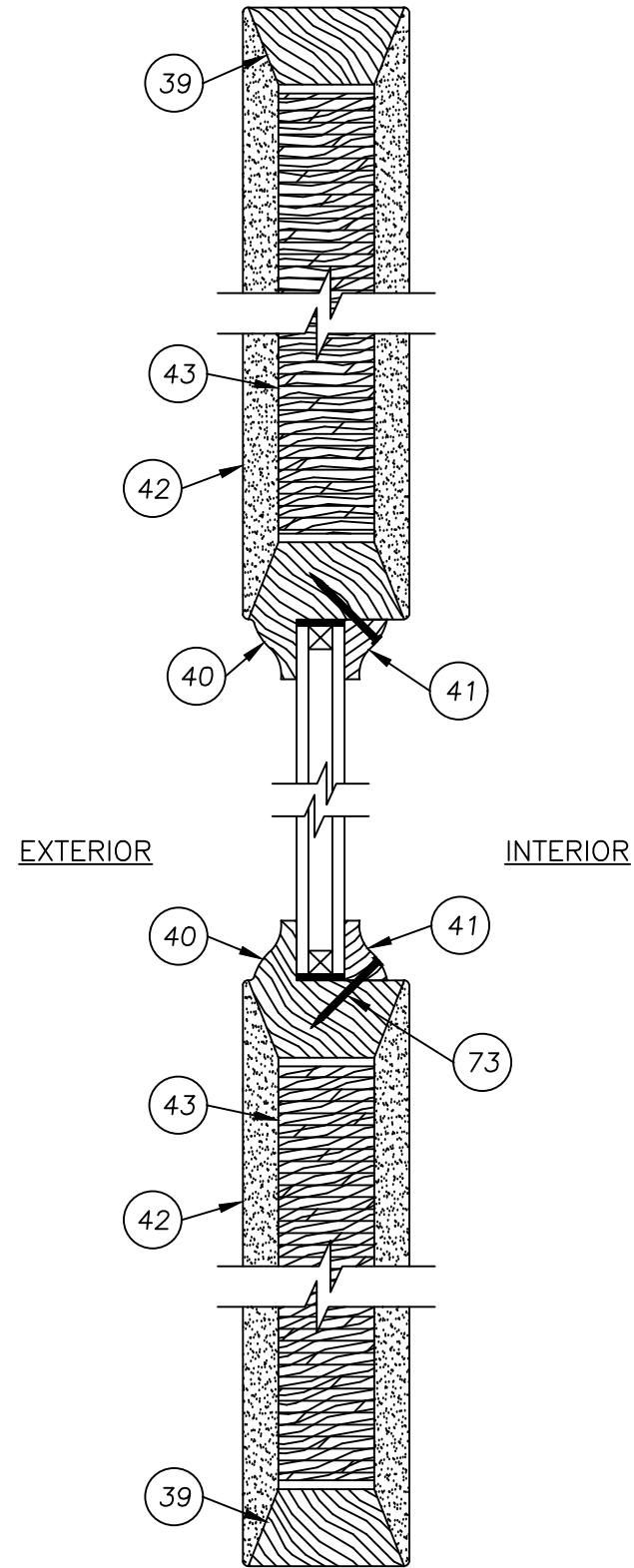
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1 HORIZONTAL CROSS SECTION
2 DOOR & SIDELITE PANEL



G1 GLAZING DETAILS
1/2\" INSULATED GLASS



2 VERTICAL CROSS SECTION
2 DOOR & SIDELITE PANEL

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PRODUCT:
ENDURA
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NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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1	3/28/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

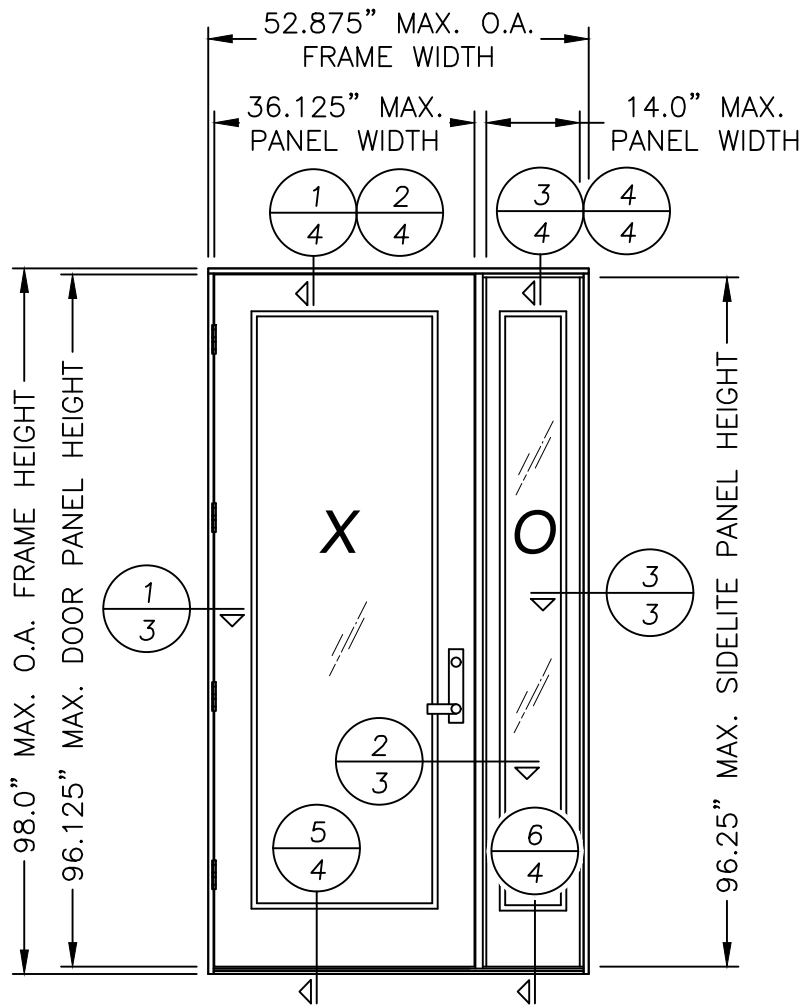
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DRAWING NO.: FL-15384.1

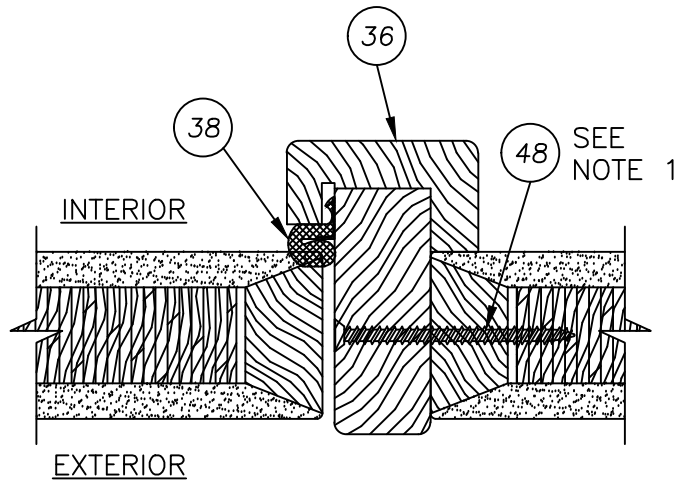
SHEET 2 OF 8

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FBPE Registry No. 9813

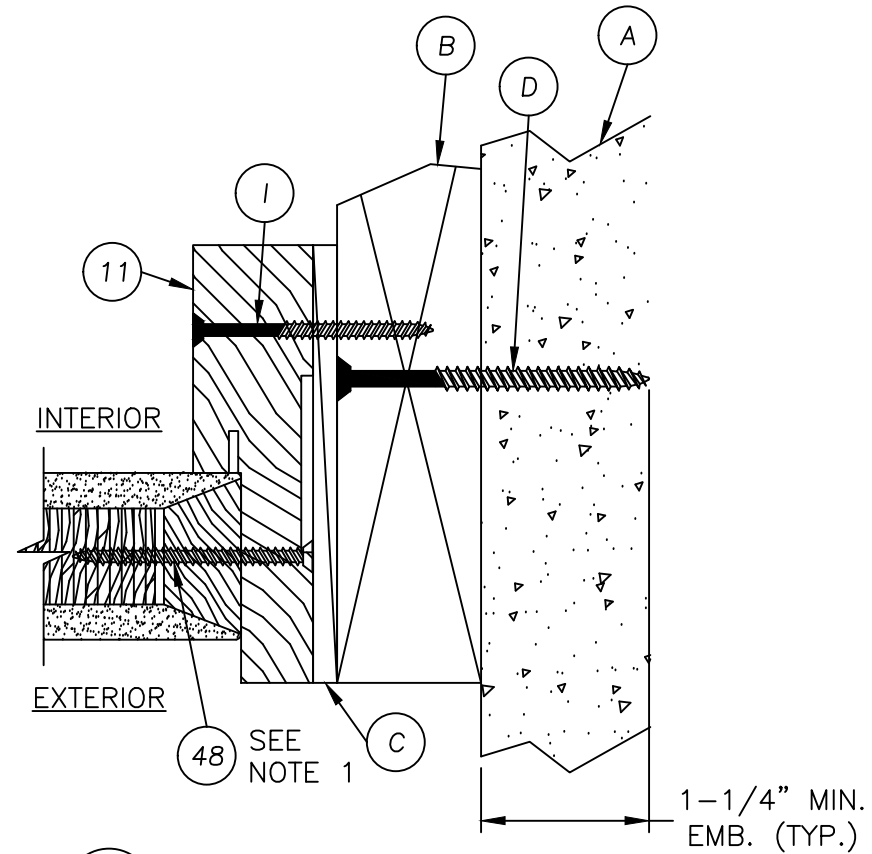
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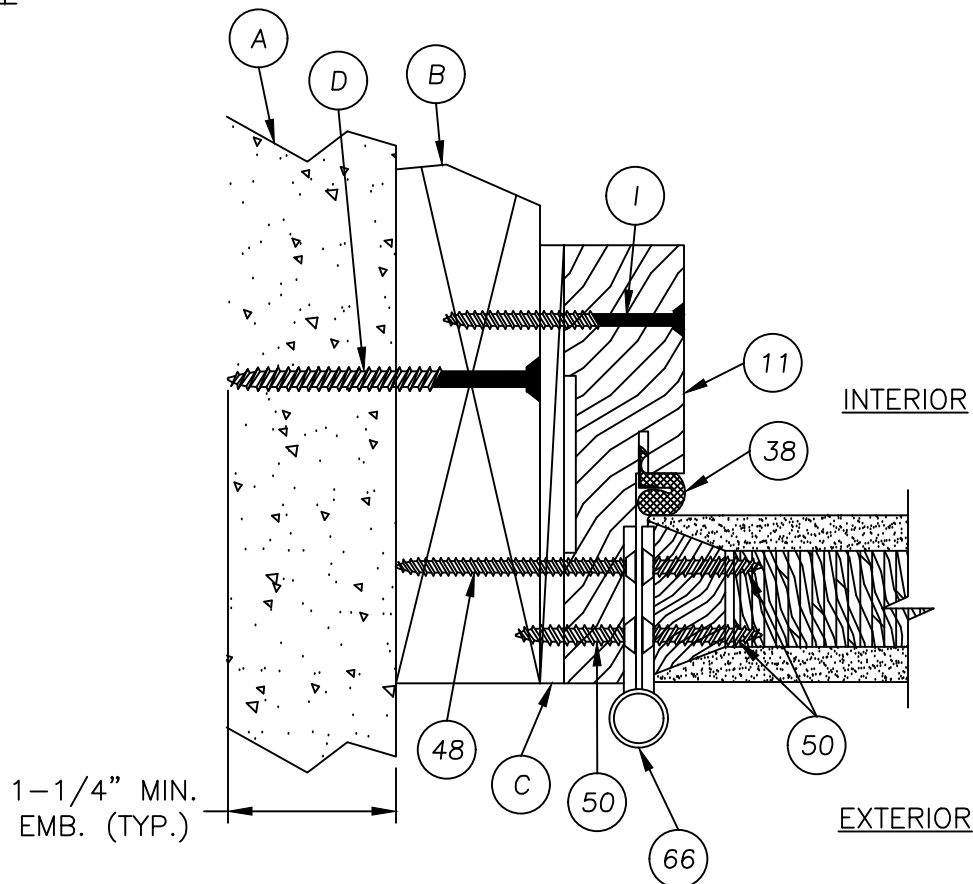
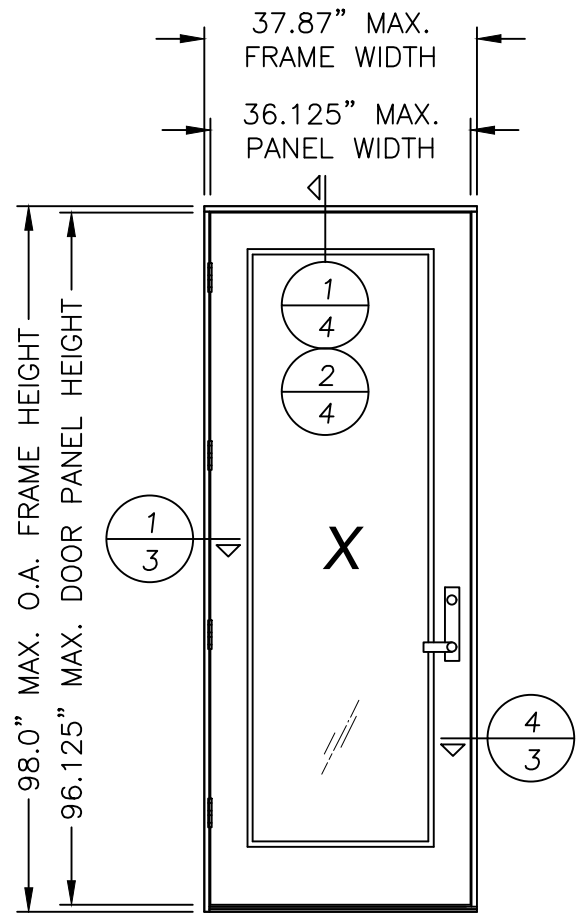
NOTE
1. ITEM #48, 6" FROM TOP & BOTTOM OF FRAME & 17.2" O.C. (TYP.) (6 TOTAL).



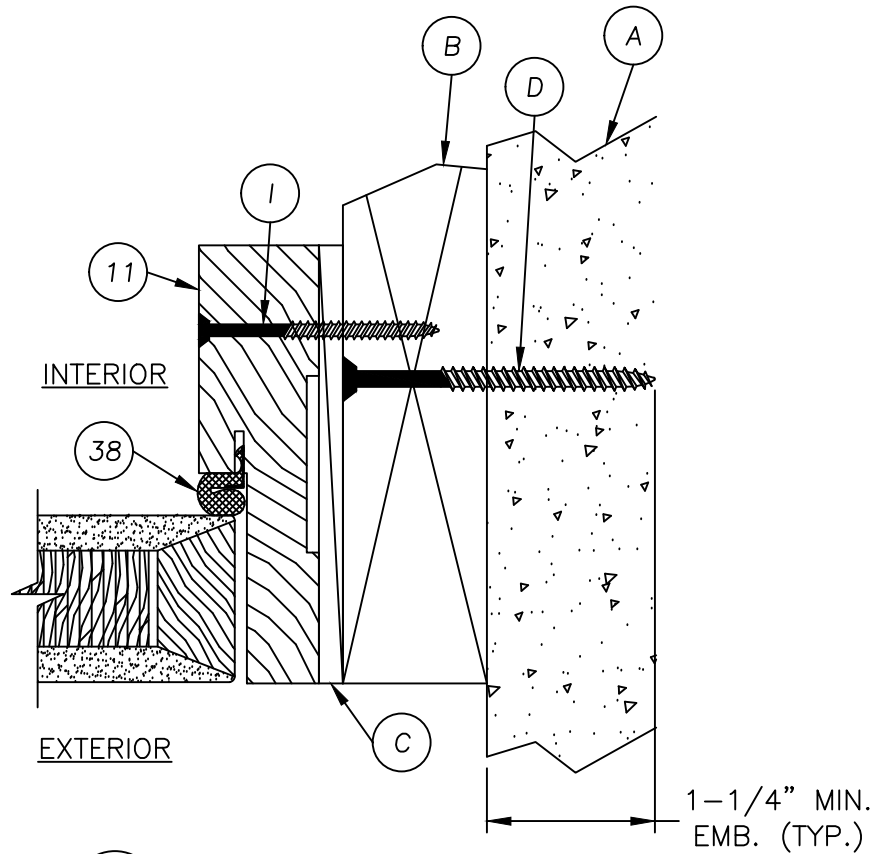
2/3 HORIZONTAL CROSS SECTION



3/3 HORIZONTAL CROSS SECTION



1/3 HORIZONTAL CROSS SECTION



4/3 HORIZONTAL CROSS SECTION

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

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

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

DATE: 3/29/12

SCALE: N.T.S.

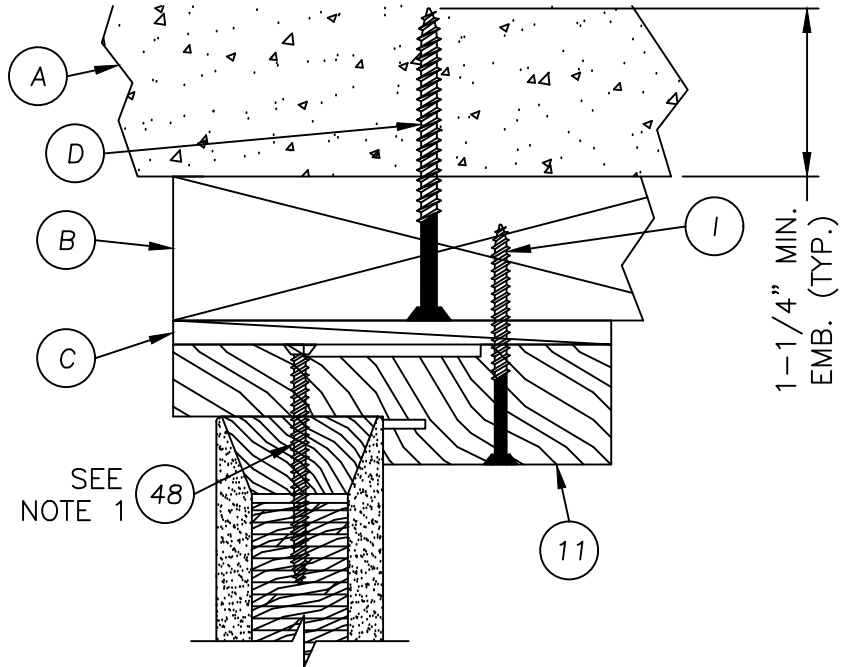
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CHK. BY: LFS

DRAWING NO.: FL-15384.1

SHEET 3 OF 8

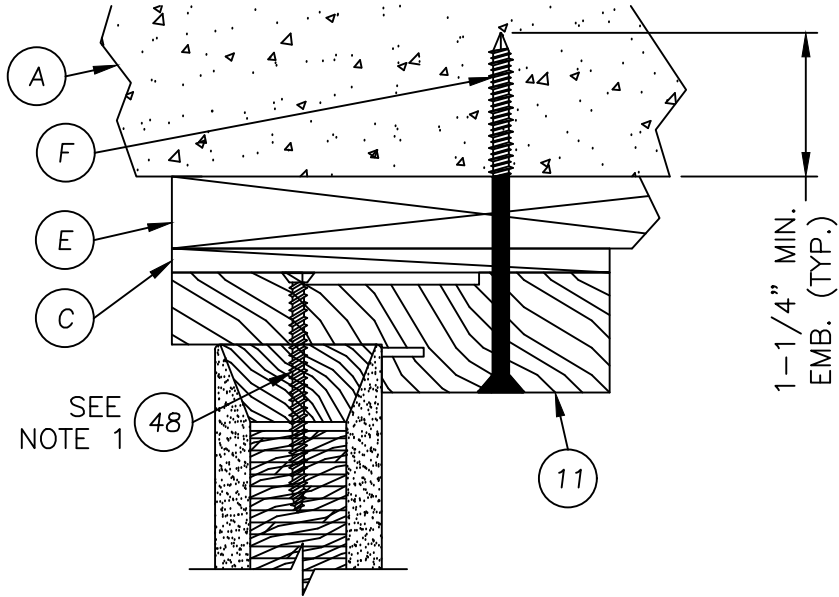
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EXTERIOR INTERIOR

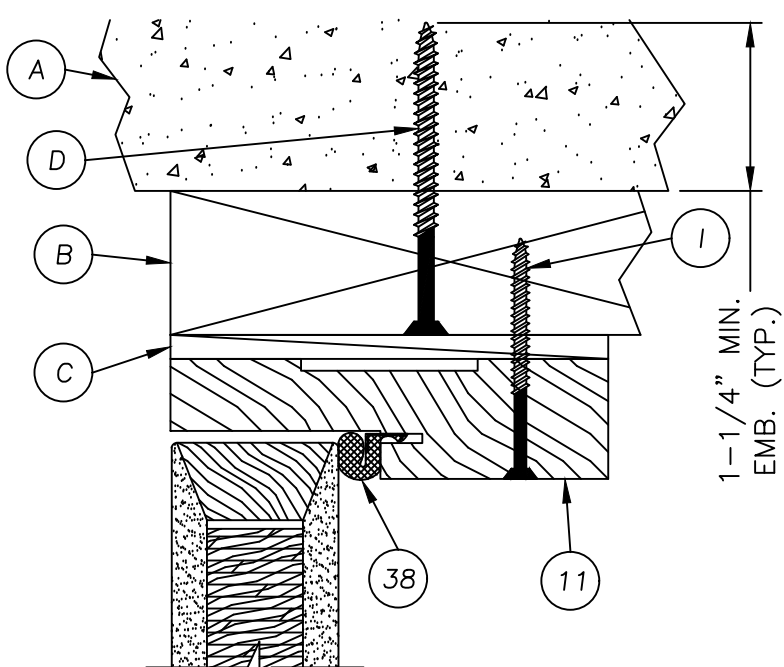
3 VERTICAL CROSS SECTION
4

NOTE
1. ITEM #48, 3" FROM EACH
END OF LITE FRAME.



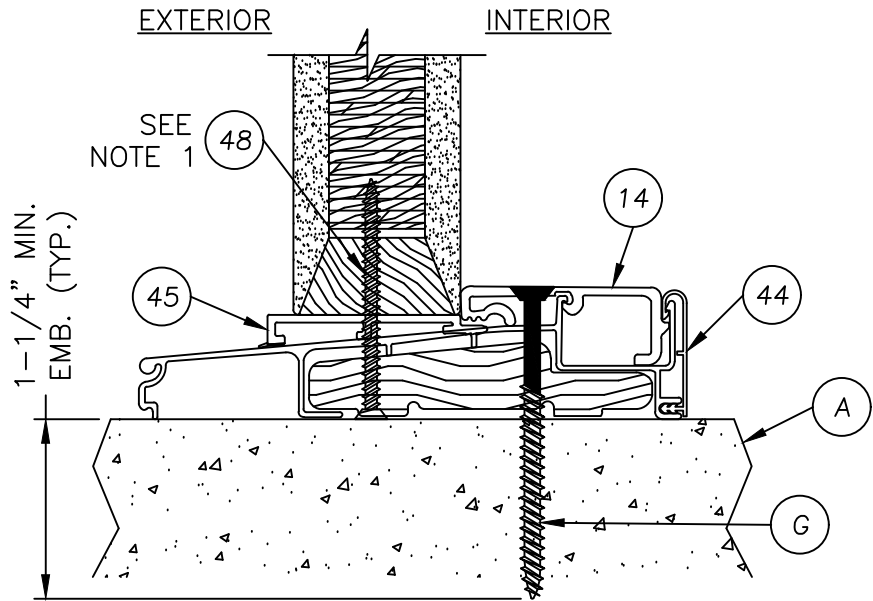
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4 VERTICAL CROSS SECTION
4 Shown w/1X sub-buck



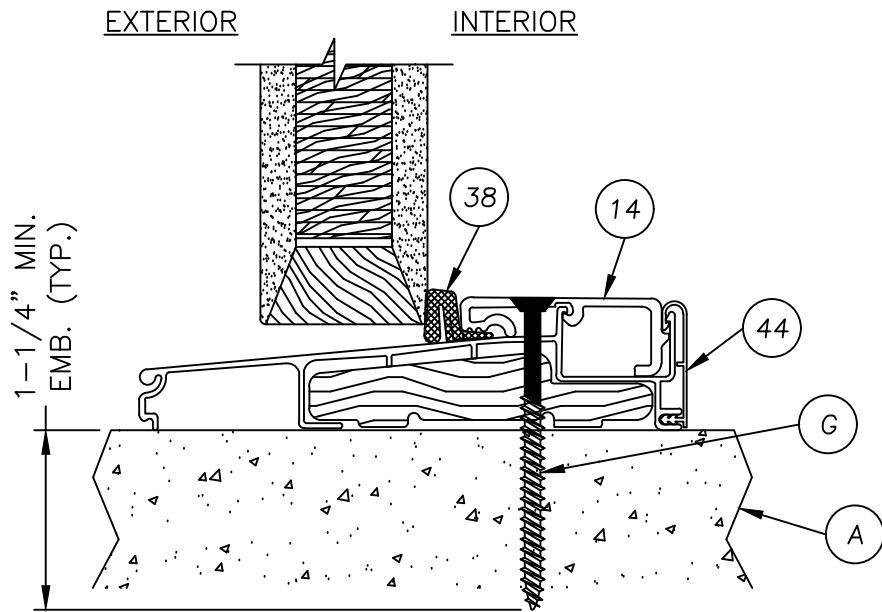
EXTERIOR INTERIOR

1 VERTICAL CROSS SECTION
4



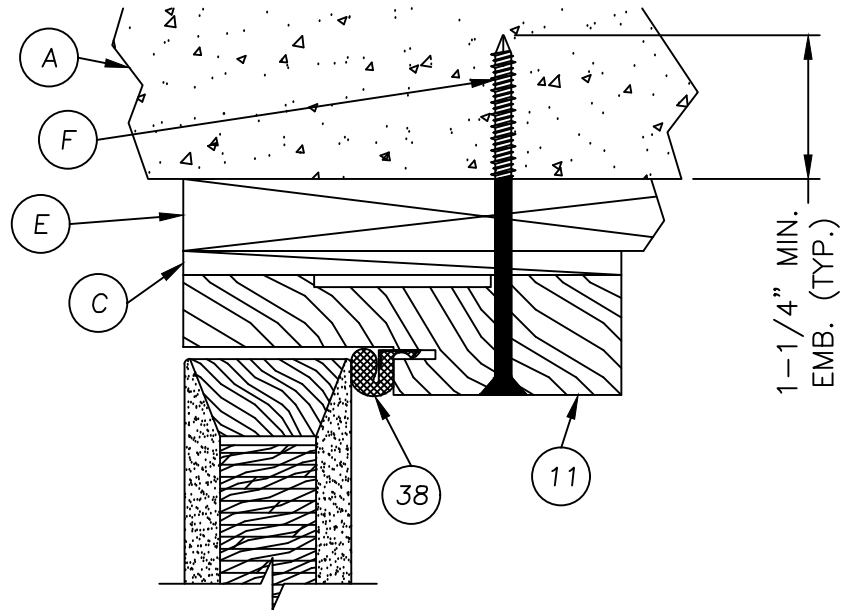
EXTERIOR INTERIOR

6 VERTICAL CROSS SECTION
4



EXTERIOR INTERIOR

5 VERTICAL CROSS SECTION
4



EXTERIOR INTERIOR

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

Documents Prepared By:

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P.E. No. 43409

PRODUCT:

ENDURA

MULTI-POINT LOCK SET

REVISIONS

DATE

NO.

BY

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

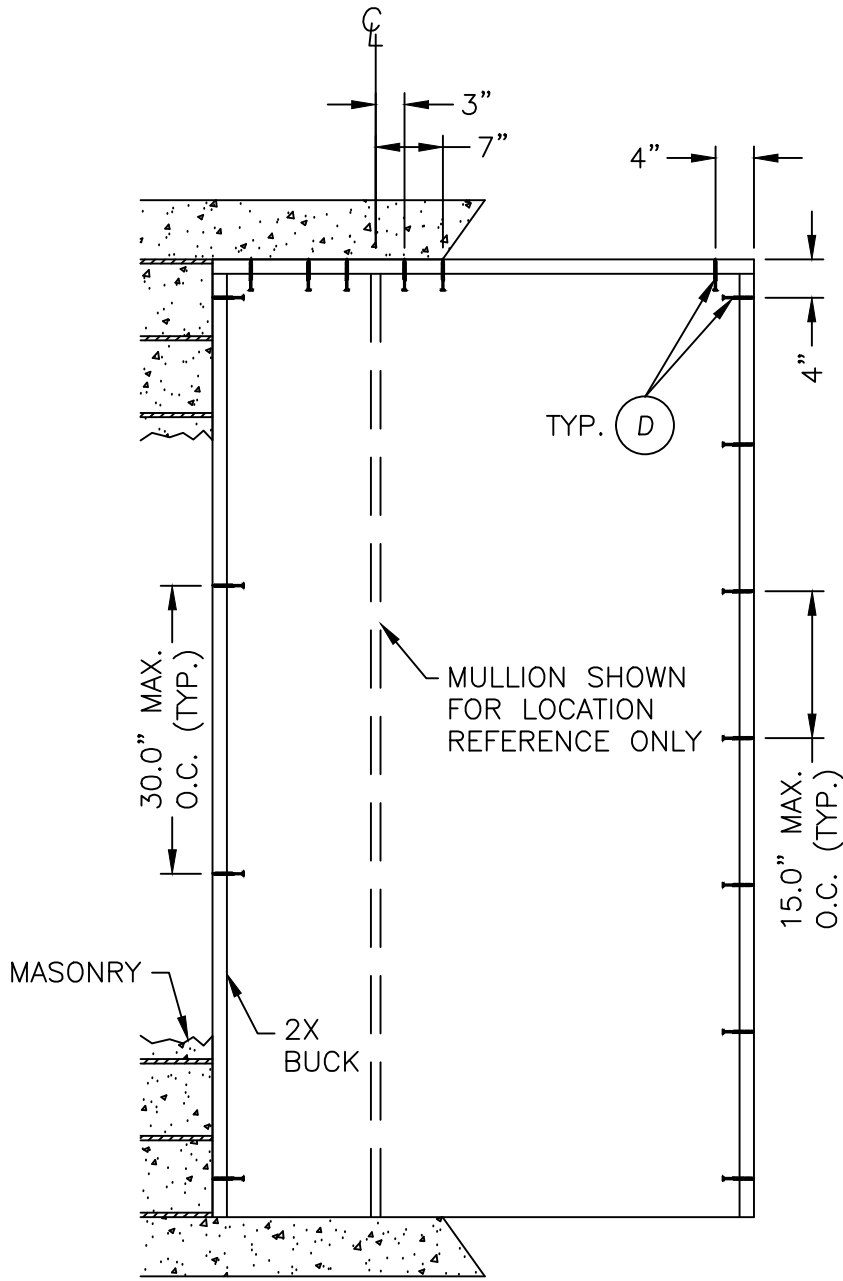
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DRAWING NO.: FL-15384.1

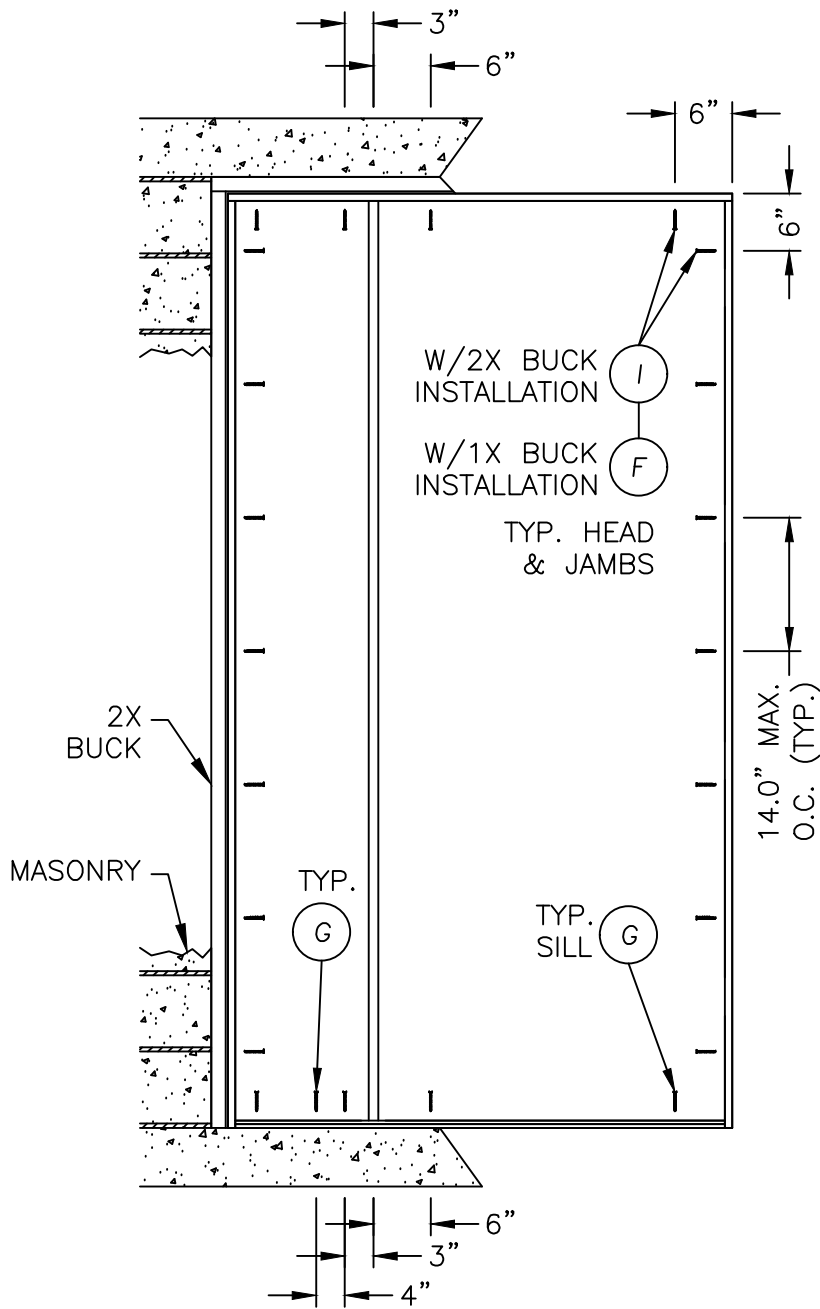
SHEET 4 OF 8

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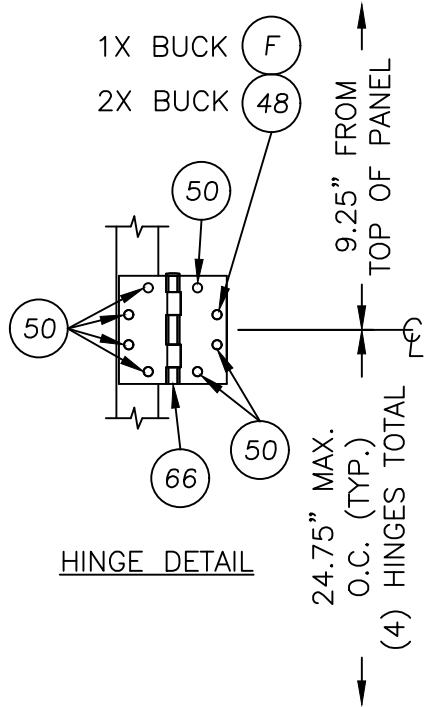
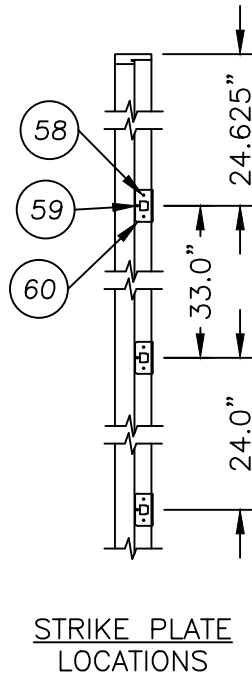
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BUCK ANCHORING



FRAME ANCHORING



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. O.C. (TYP.)" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. O.C. (TYP.)" 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"

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.

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.

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P.E. No. 43409

PRODUCT:

ENDURA

MULTI-POINT LOCK SET

PART OR ASSEMBLY:

BUCK & FRAME

ANCHORING

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
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2	9/26/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/28/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

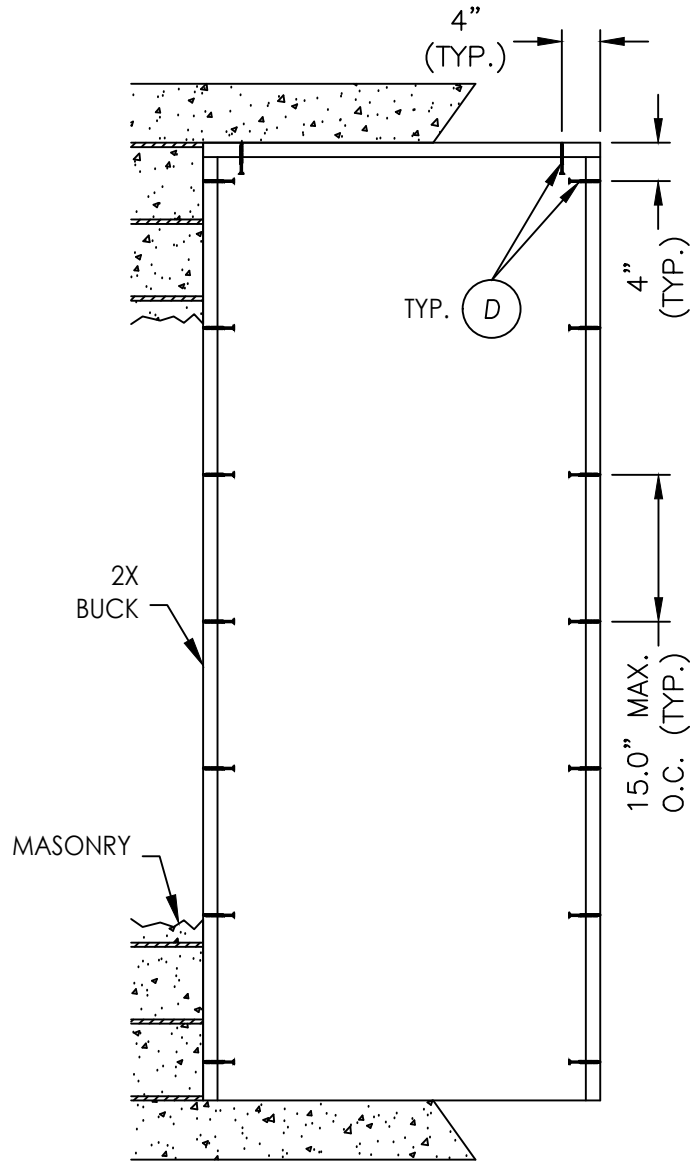
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FL-15384.1

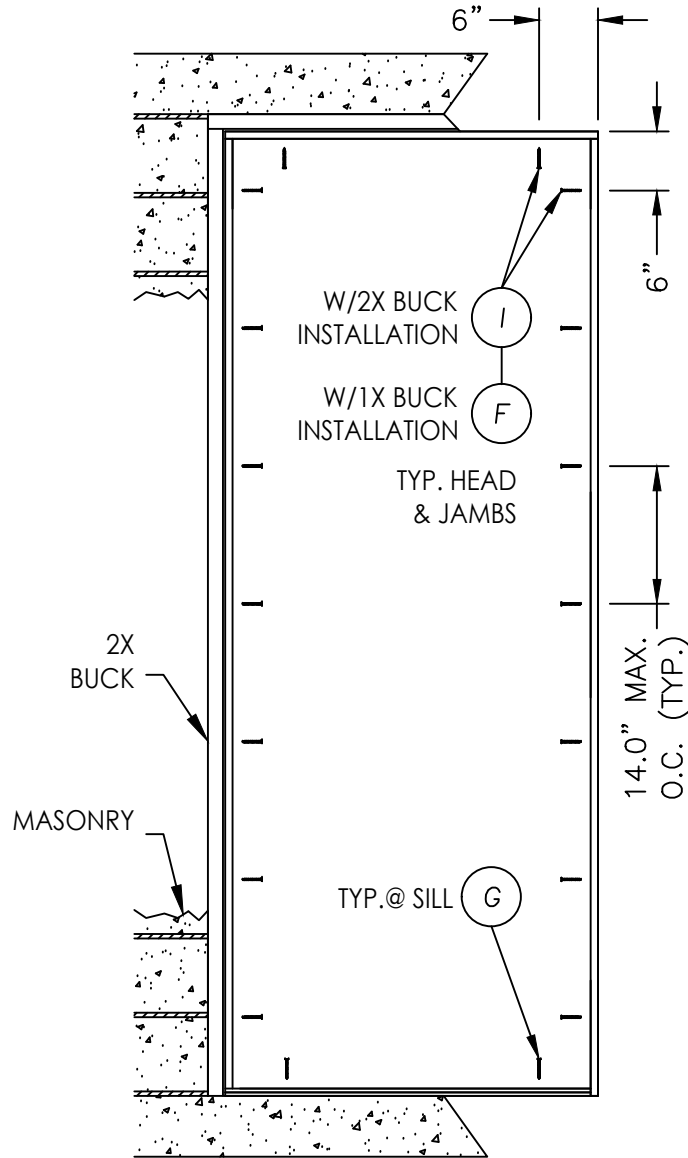
SHEET 5 OF 8

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FBPE Registry No. 9813

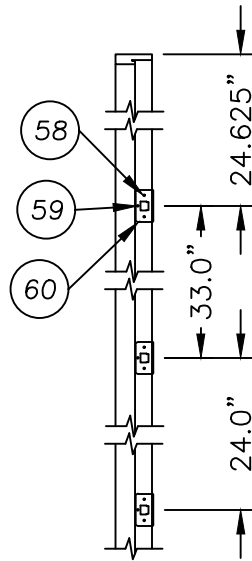
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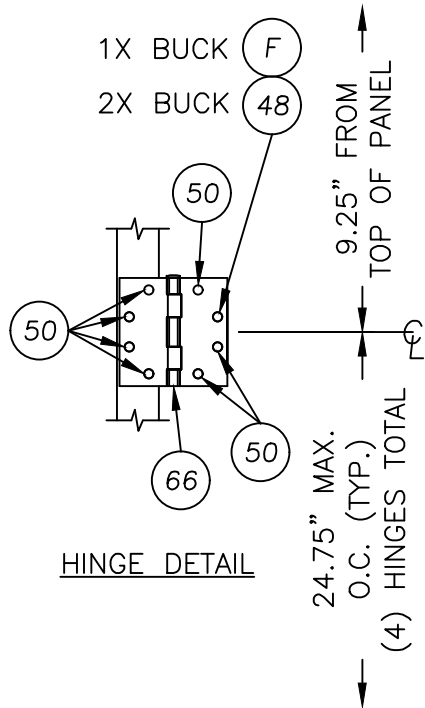
BUCK ANCHORING



FRAME ANCHORING



STRIKE PLATE
LOCATIONS



CONCRETE ANCHOR NOTES:

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P.E. No. 43409

PRODUCT:

ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:

BUCK & FRAME
ANCHORING

REVISIONS

NO.

DATE

BY

5

7/01/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

4

7/06/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

3

8/03/20

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

BY

DATE

NO.

REVISIONS

DATE: 3/29/12

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DWG. BY: JK

CHK. BY: LFS

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SHEET 6 OF 8

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PRODUCT:

ENDURA

MULTI-POINT LOCK SET

PART OR ASSEMBLY:

BUCK & FRAME

ANCHORING

REVISIONS

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SHEET 6 OF 8

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ENDURA

MULTI-POINT LOCK SET

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PRODUCT:

ENDURA

MULTI-POINT LOCK SET

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PRODUCT:

ENDURA

MULTI-POINT LOCK SET

PART OR ASSEMBLY:

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SHEET 6 OF 8

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P.E. No. 43409

PRODUCT:

ENDURA

MULTI-POINT LOCK SET

PART OR ASSEMBLY:

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DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15384.1

SHEET 6 OF 8

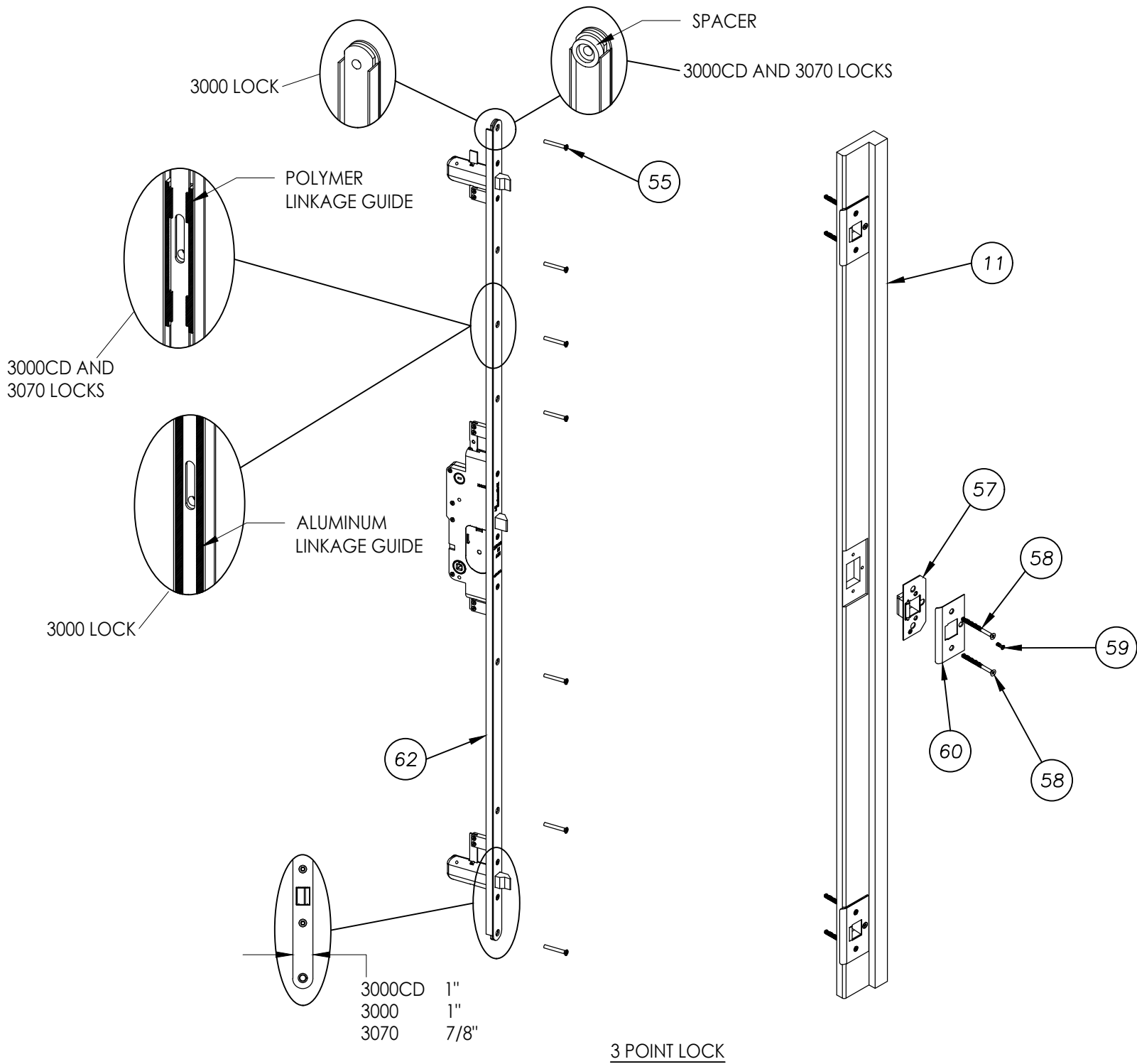
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P.E. No. 43409

PRODUCT:



DATE: 3/29/12	
SCALE: N.T.S.	
DWG. BY: JK	
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DRAWING NO.: FL-15384.1	
SHEET 7	OF 8

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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1	3/28/15	UPDATE TO 5TH ED. (2014) FBC JK
NO.	DATE	BY

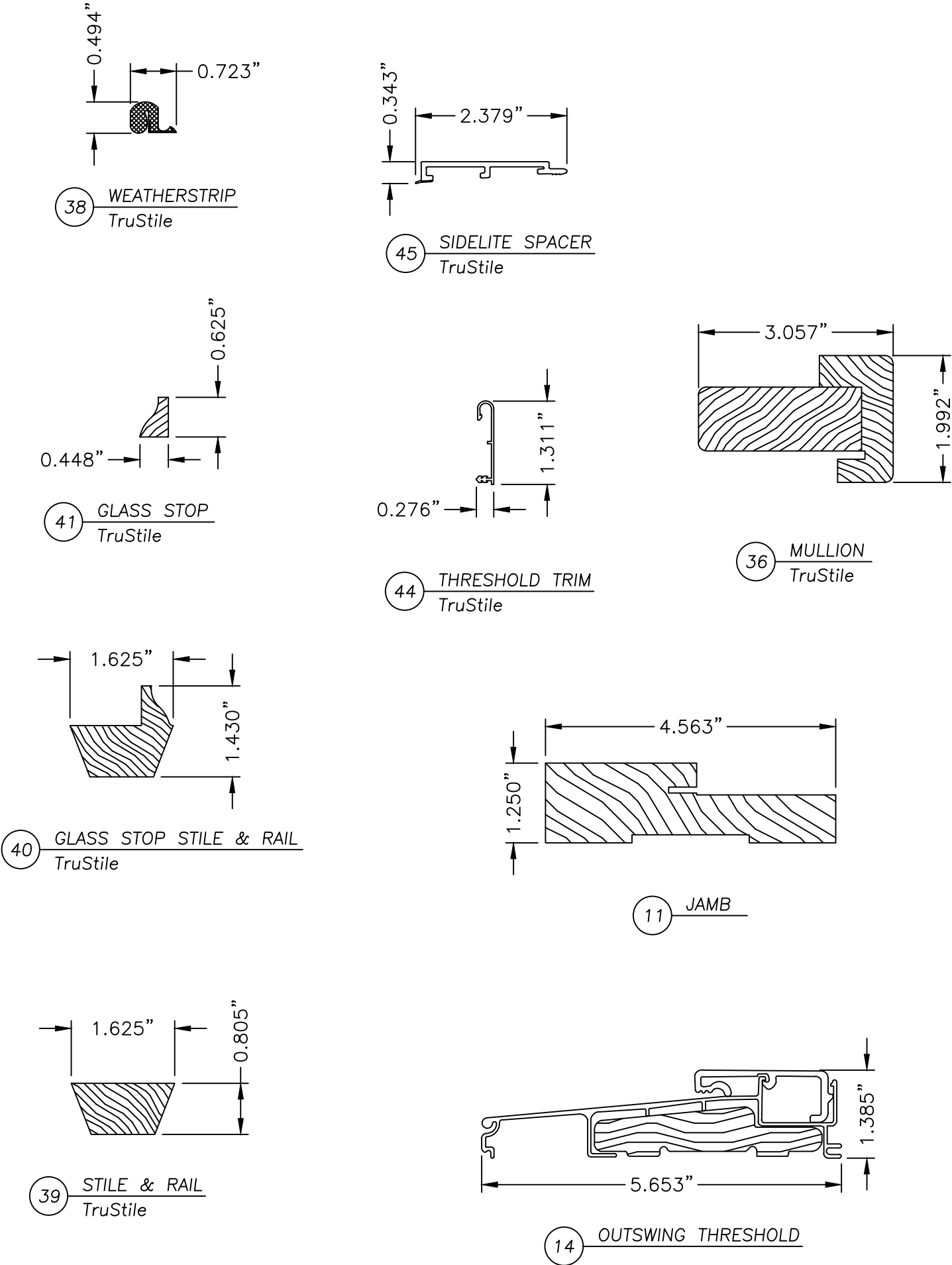
PRODUCT:	ENDURA
	MULTI-POINT LOCK SET
PART OR ASSEMBLY:	LOCK SET DETAILS

Documents Prepared By:	Lyndon F. Schmidt
	P.E. No. 43409
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	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 (G >= 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 (G >= 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
I	#10 X 2–1/2" PFH WS (1.15" MIN. EMBEDMENT, C'SINK 0.15")	STEEL
11	JAMB (TruStile)	WOOD
14	OUTSWING THRESHOLD	AL./WOOD
36	MULLION (TruStile)	WOOD
38	WEATHERSTRIP (TruStile)	FOAM
39	STILE & RAIL (TruStile)	WOOD
40	GLASS STOP STILE & RAIL (TruStile)	WOOD
41	GLASS STOP (TruStile)	WOOD
42	PANEL SKIN (TruStile)	HARD WOOD
43	CORE (TruStile)	MDF
44	THRESHOLD TRIM	COMPOSITE
45	OUTSWING SIDELITE SPACER (TruStile)	PVC
48	#10 X 2–1/2" PFH SCREW	STEEL
50	#12 X 1–1/4" PFH SCREW	STEEL
55	#10 X 1–1/2" PFH SCREW	STEEL
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
62	LOCK ASSEMBLY (SINGLE DOOR)(3000, 3000CD, 3070 SERIES)	METAL
66	4–1/4" HINGE	STEEL
72	GLAZING COMPOUND	SILICONE
73	.064" X 1" NAIL	STEEL
75	GLAZING SPACER (TruStile)	–

WOOD COMPONENTS: HARD WOOD (MAPLE, G >= 0.55)



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

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

	5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
	4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	3	8/03/20	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-15384.1
SHEET 8 OF 8

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

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