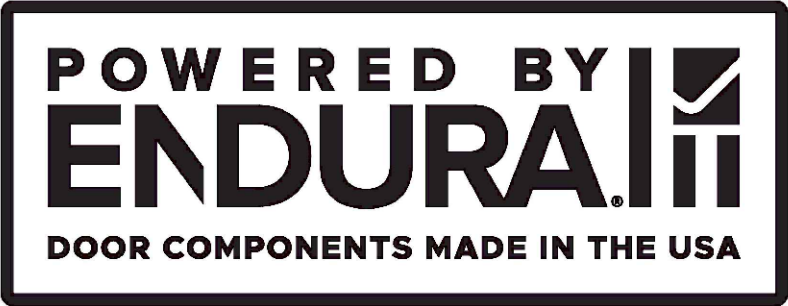


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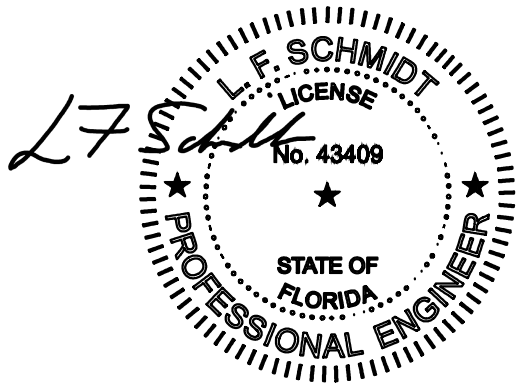
TRILENNIUM®
MULTI-POINT LOCK
w/ CAOBA DOUBLE DOOR
OUTSWING
"NON-IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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

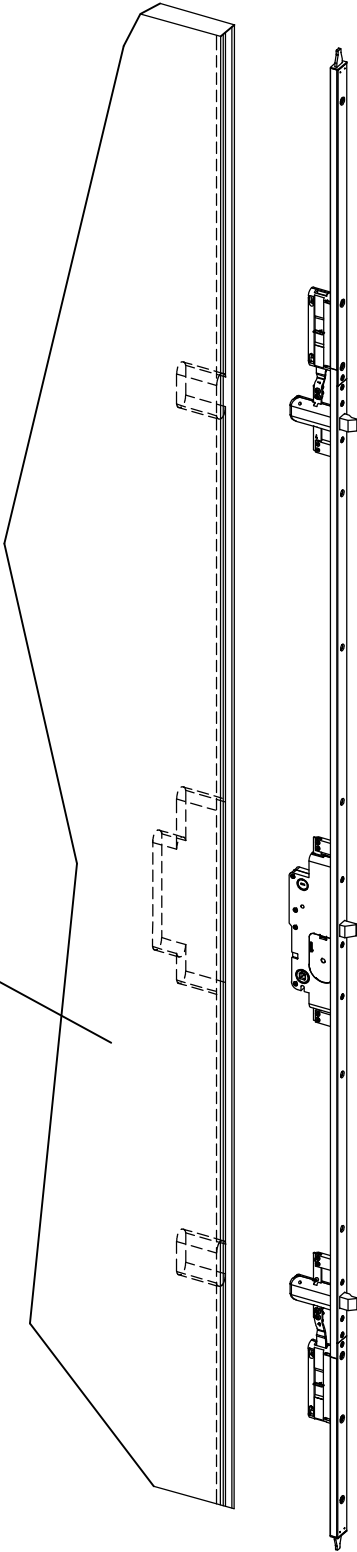


Digitally signed by Lyndon F Schmidt
Date: 2023.07.17 13:03:20 -04'00'

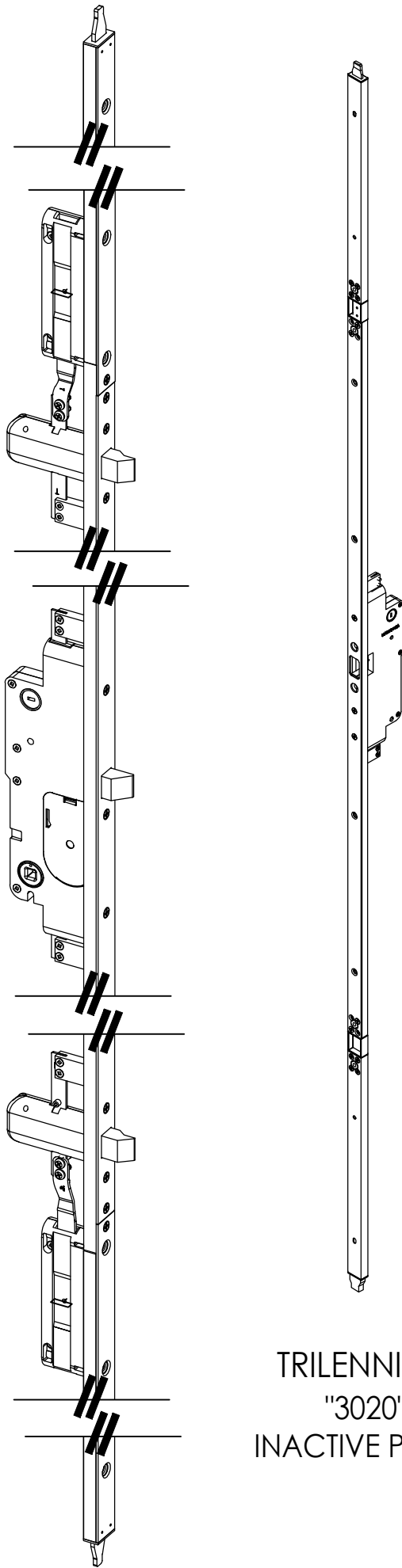
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

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

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

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

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

JK

1

3/28/15

UPDATE TO 5TH ED. (2014)

FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

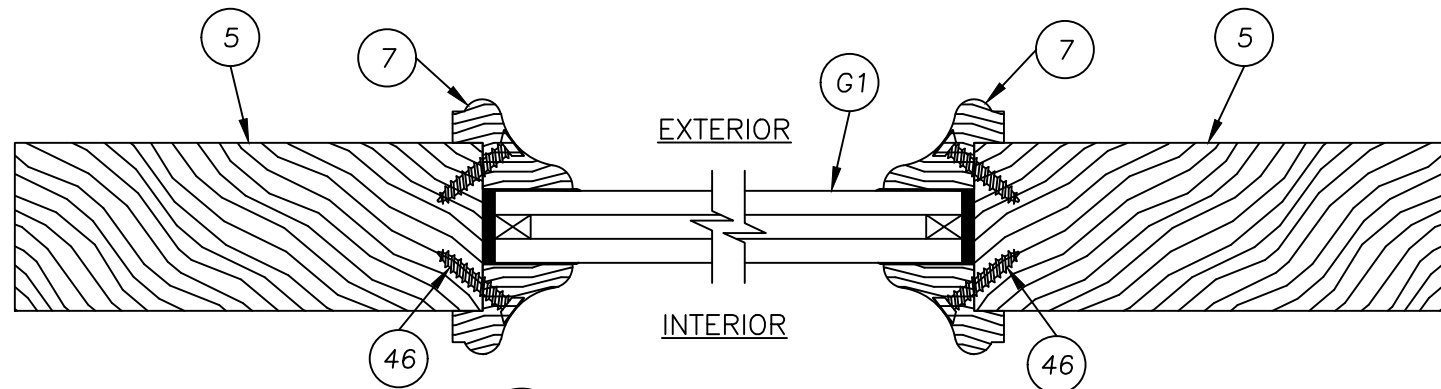
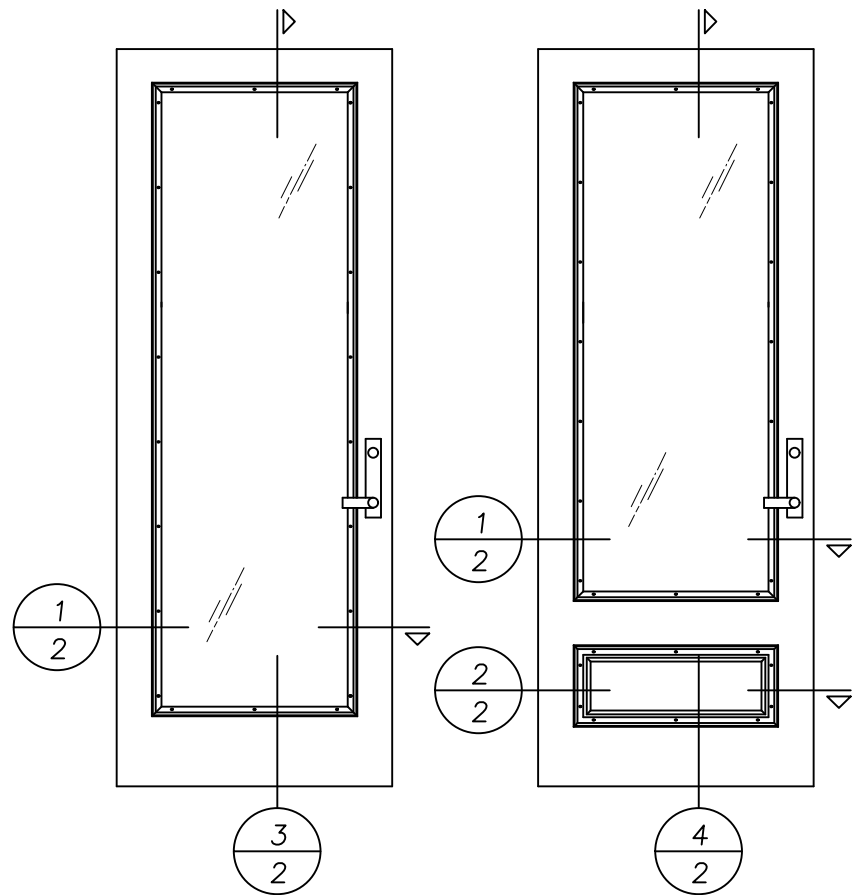
DRAWING NO.: FL-15384.7

SHEET 1 OF 8

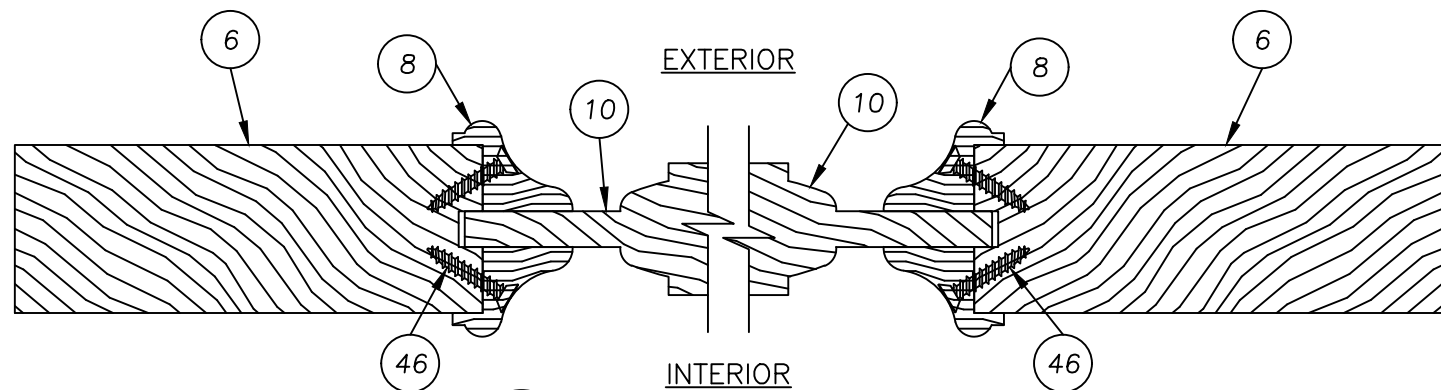
RW

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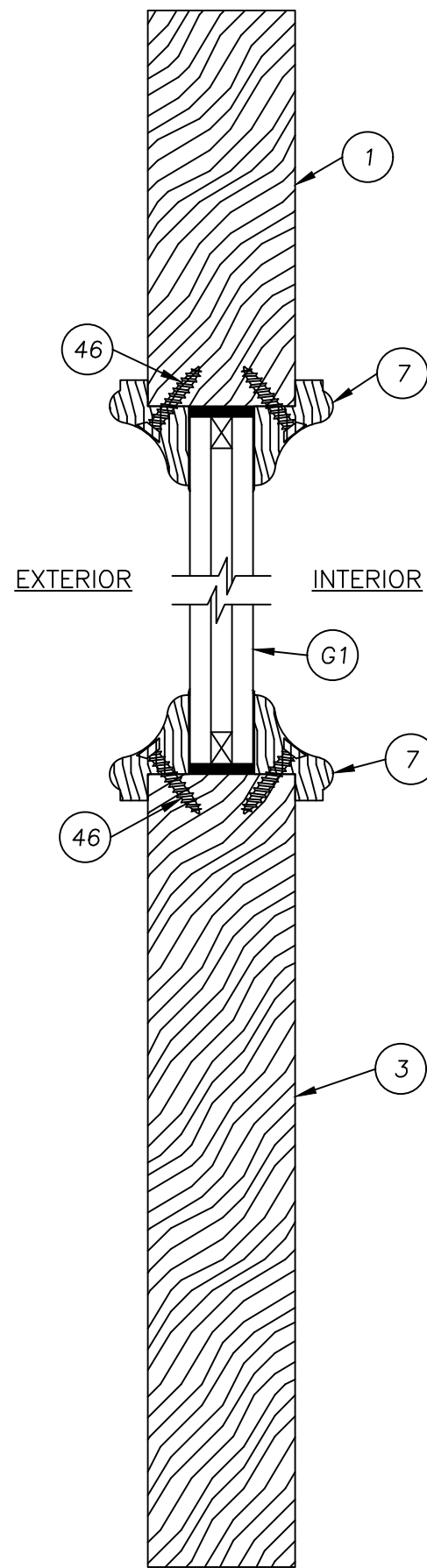
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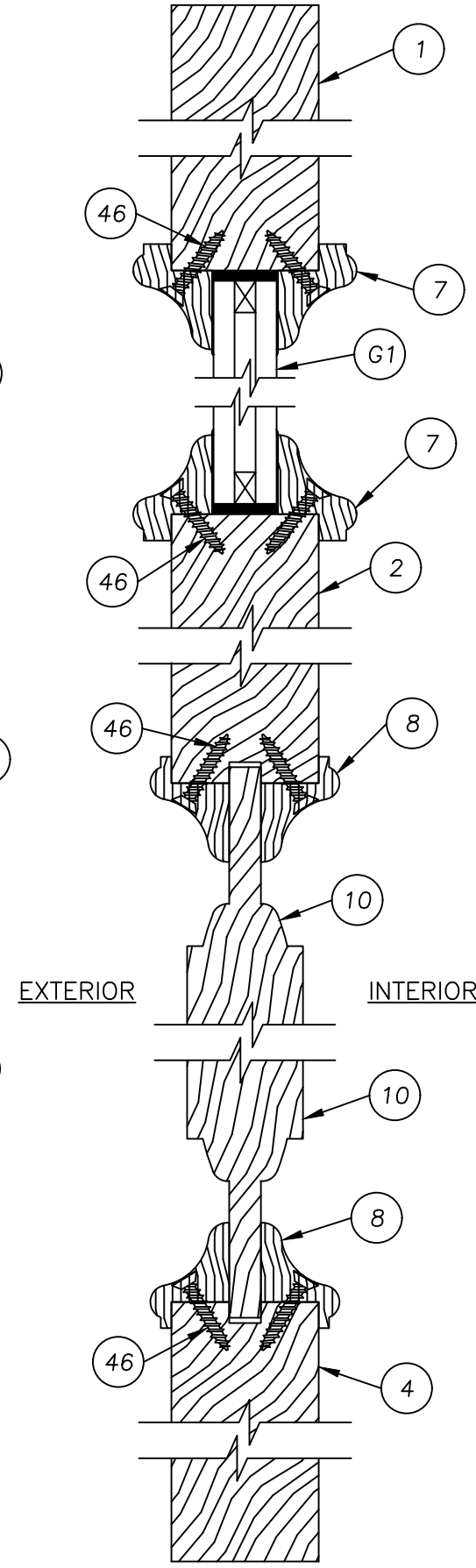
1 HORIZONTAL CROSS SECTION
2 FULL LITE PANEL



2 HORIZONTAL CROSS SECTION
2 PANEL OVER PANEL



3 VERTICAL CROSS SECTION
2 FULL LITE PANEL



4 VERTICAL CROSS SECTION
2 PANEL OVER PANEL

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

PRODUCT: ENDURA
MULTI-POINT LOCK SET

NO.	DATE	REVISIONS
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
		BY

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

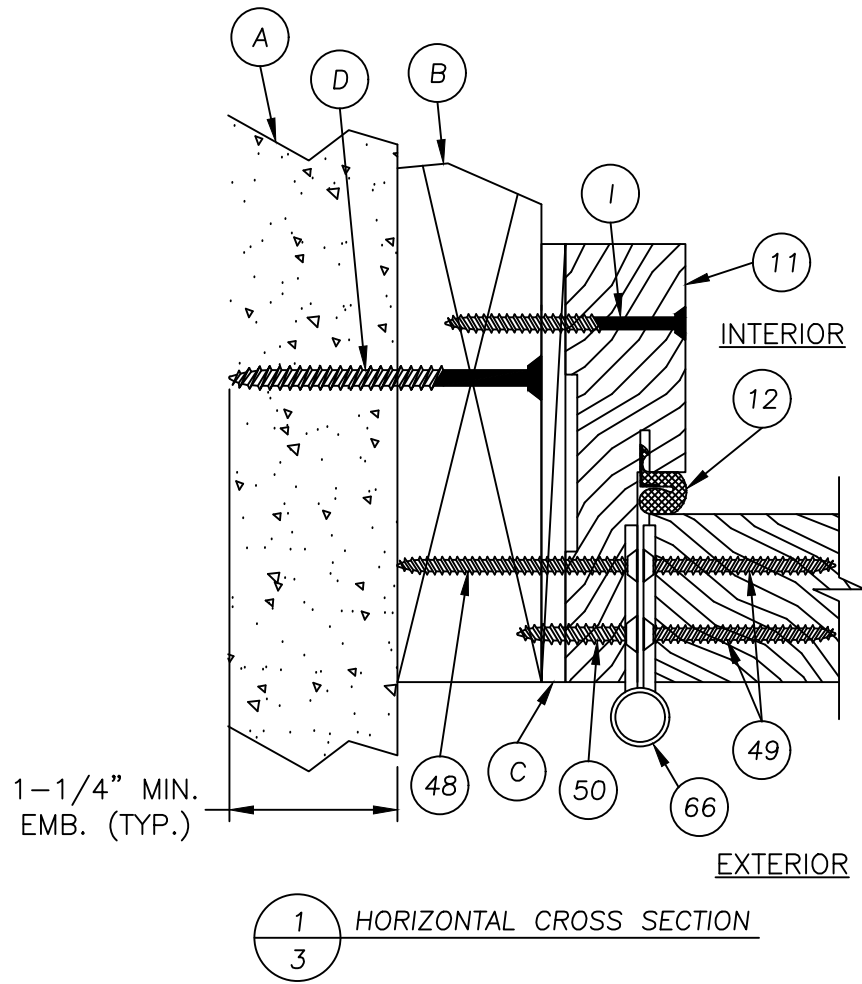
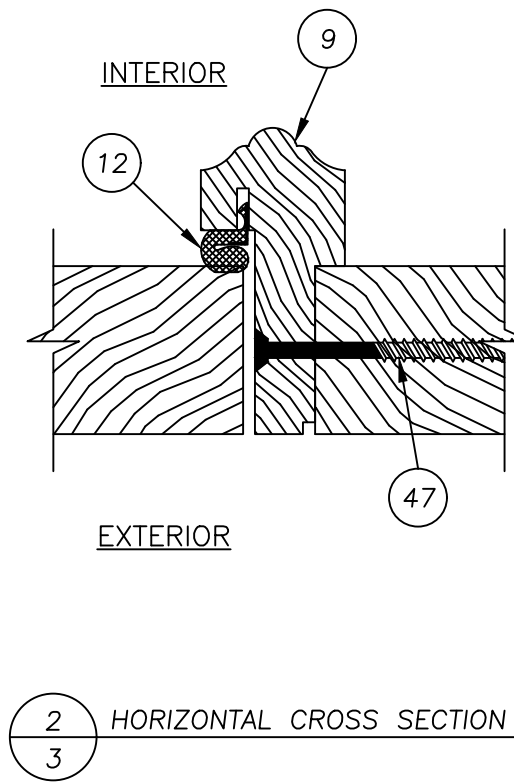
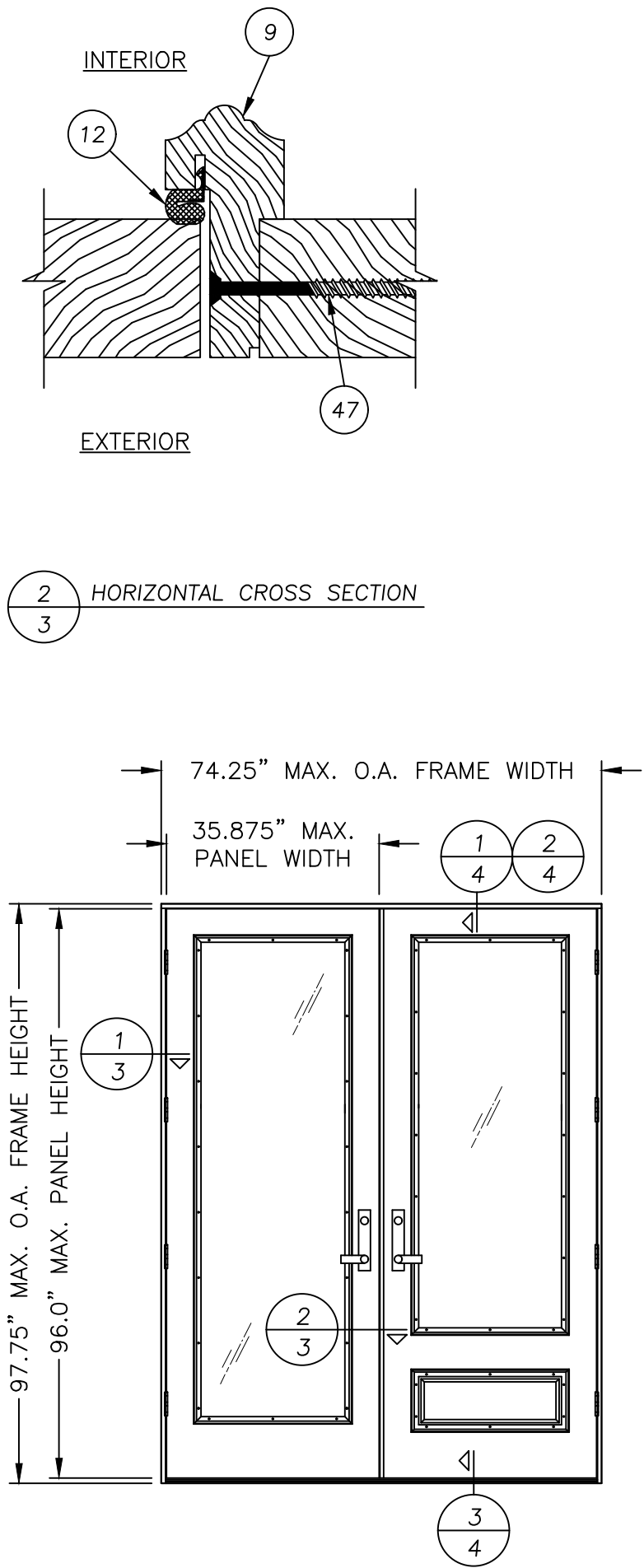
DRAWING NO.:

FL-15384.7

SHEET 2 OF 8

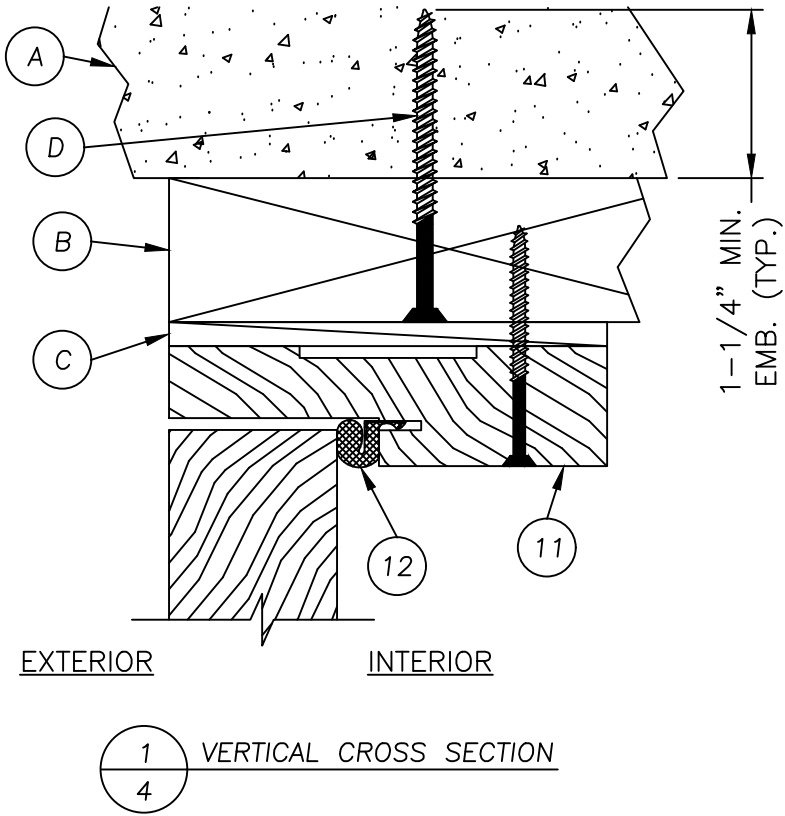
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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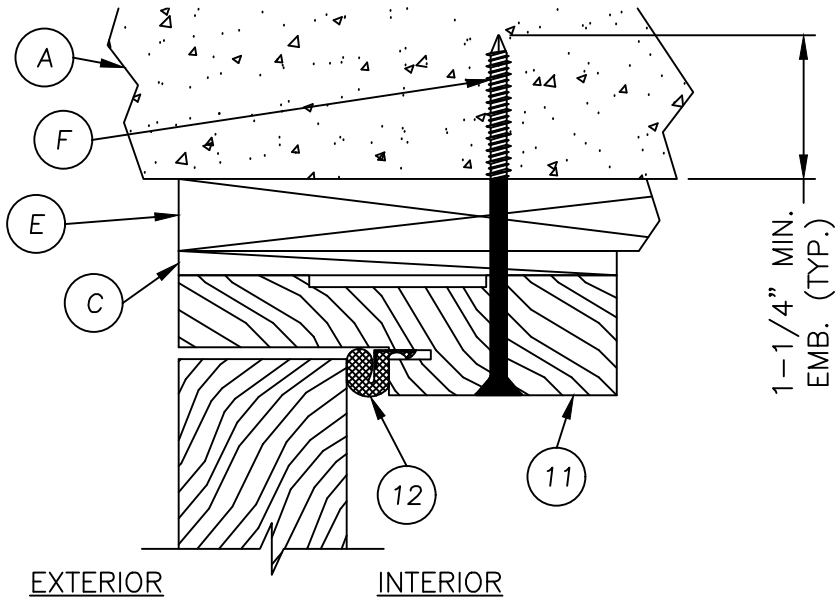


DATE: JK		SHEET 3 OF 8	
SCALE: N.T.S.		DRAWING NO.: FL-15384.7	
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NO. DATE		REVISONS	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC LFS
1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC JK
PRODUCT: ENDURA MULTI-POINT LOCK SET		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
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	

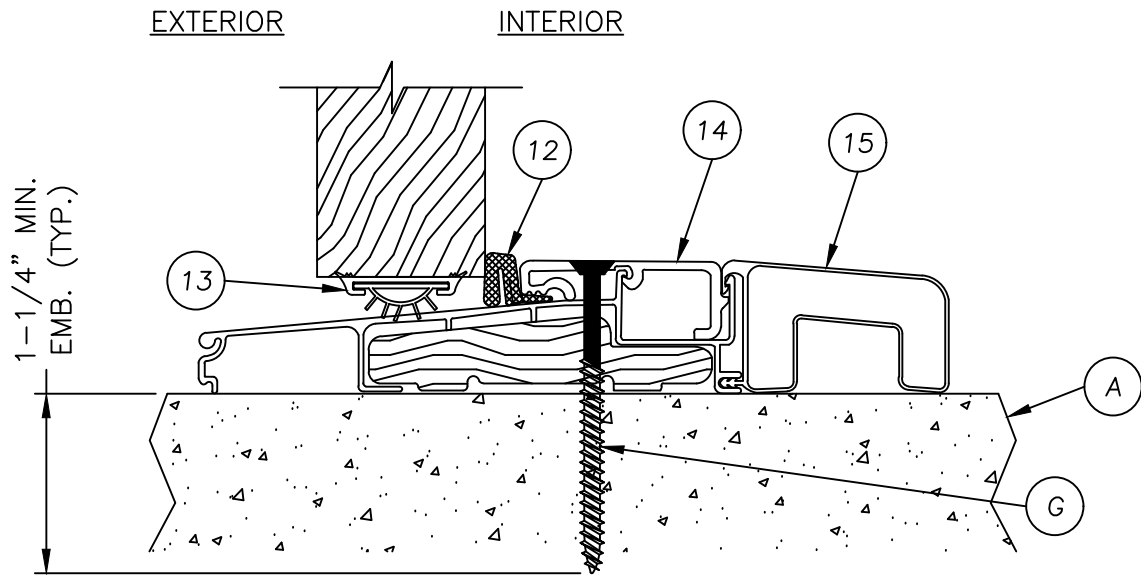
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1
4 VERTICAL CROSS SECTION



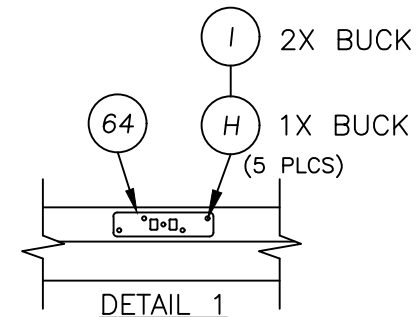
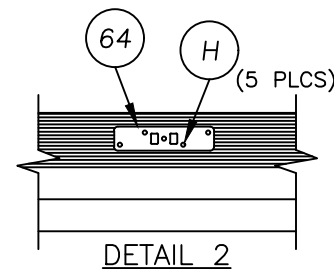
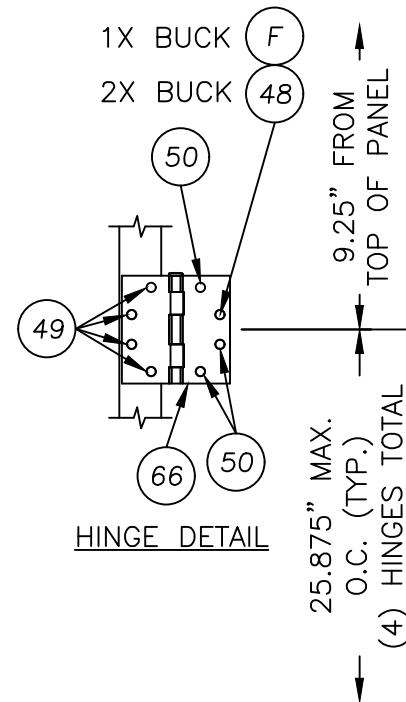
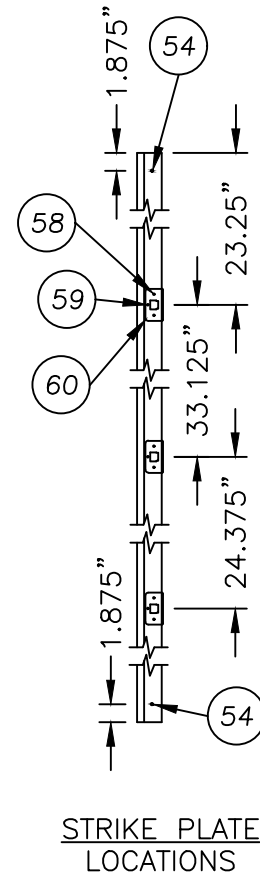
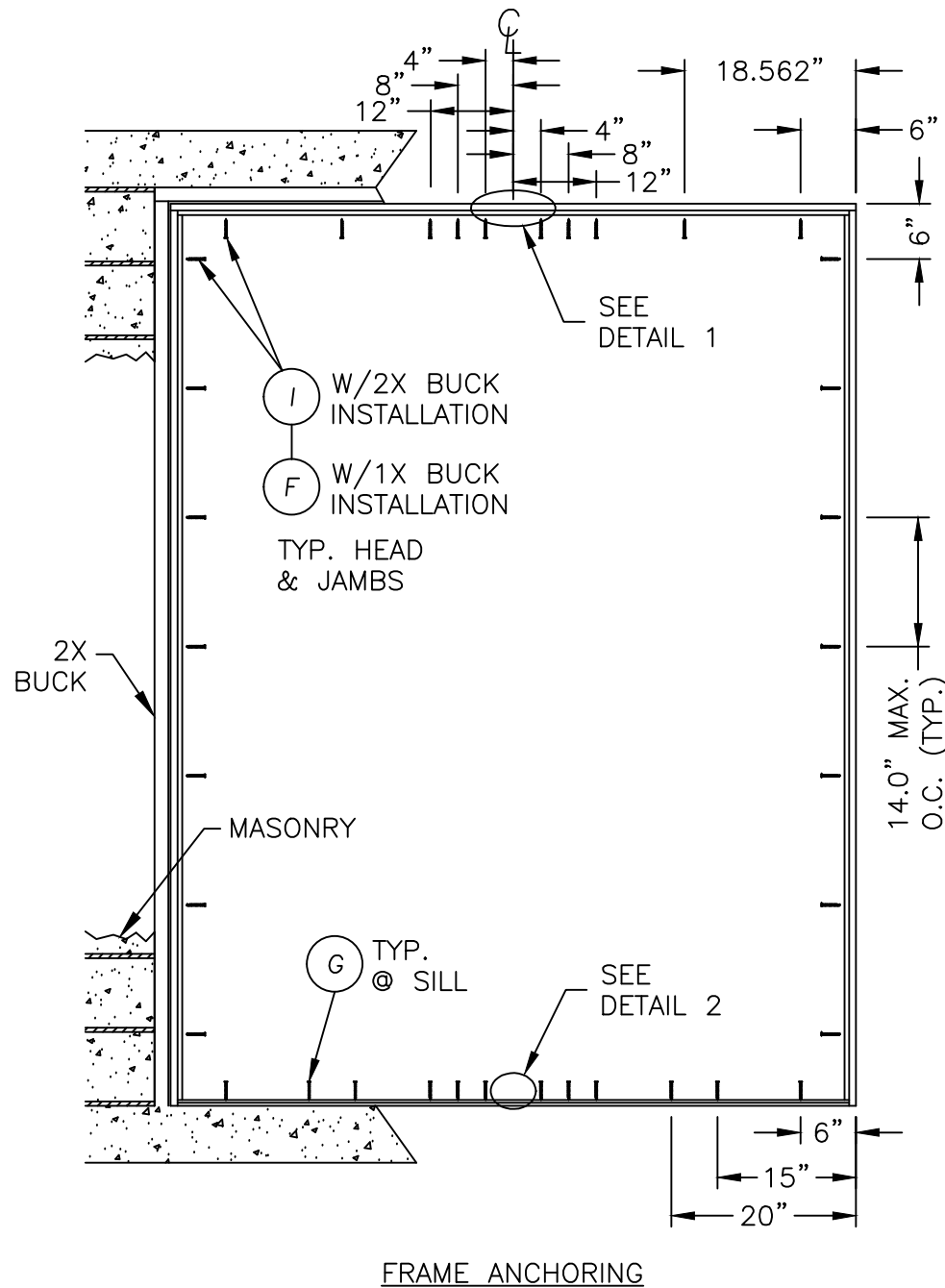
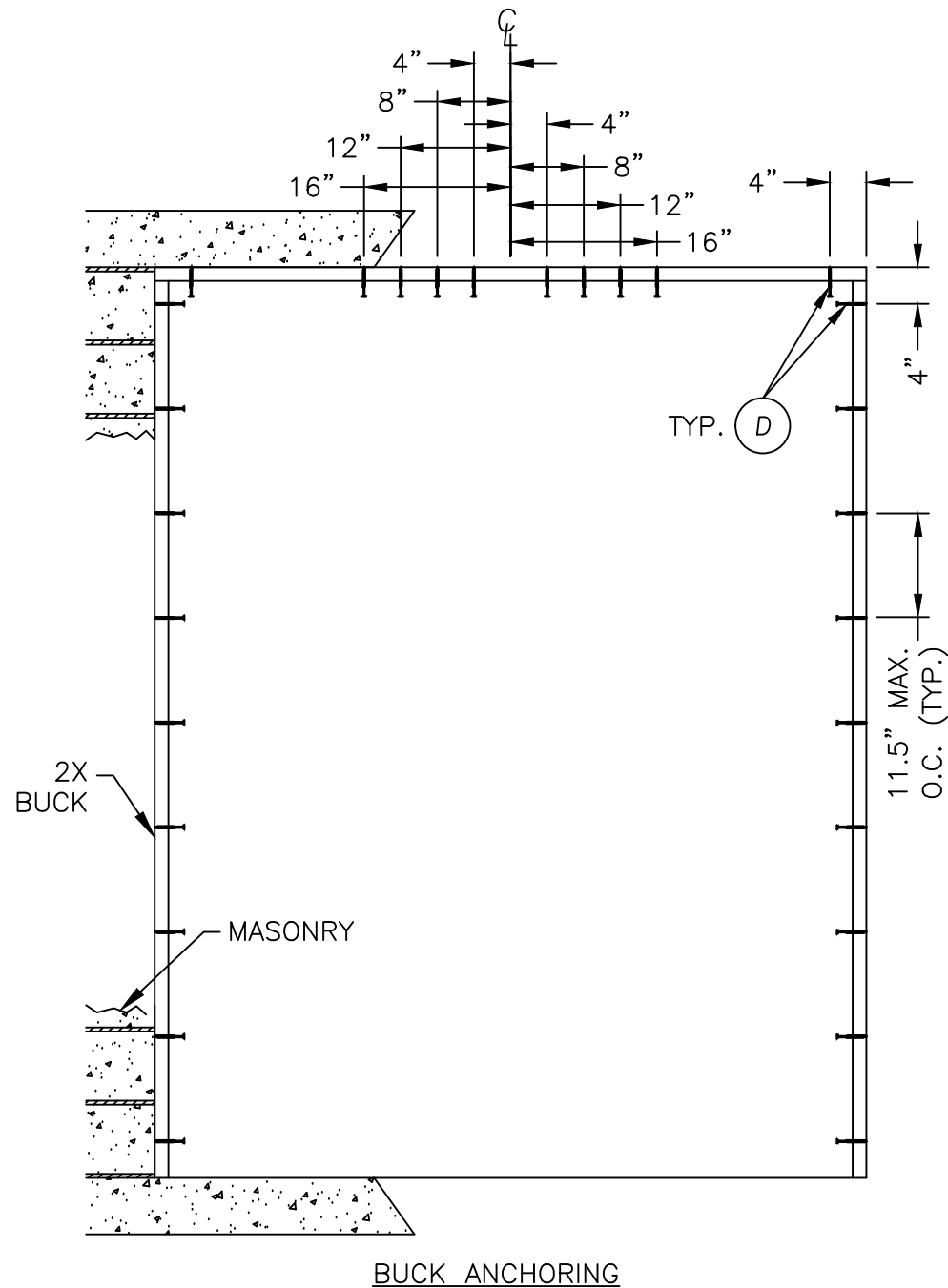
2
4 VERTICAL CROSS SECTION
Shown w/1X sub-buck



3
4 VERTICAL CROSS SECTION

PRODUCT:		ENDURA		MULTI-POINT LOCK SET	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS		REVISONS	
DATE:	3/29/12	NO.	DATE	BY	
SCALE:	N.T.S.	4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
DWG. BY:	JK	3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC LFS
CHK. BY:	LFS	2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC LFS
DRAWING NO.:	FL-15384.7	1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC JK
SHEET	4	OF	8		
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					

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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
DeWALT ULTRACON®	3/16"	1-3/4"	1"	1-1/8"
ITW TAPCON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	1/4"	1-1/4"	2"	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.

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

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

NO.	DATE	REVISIONS
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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

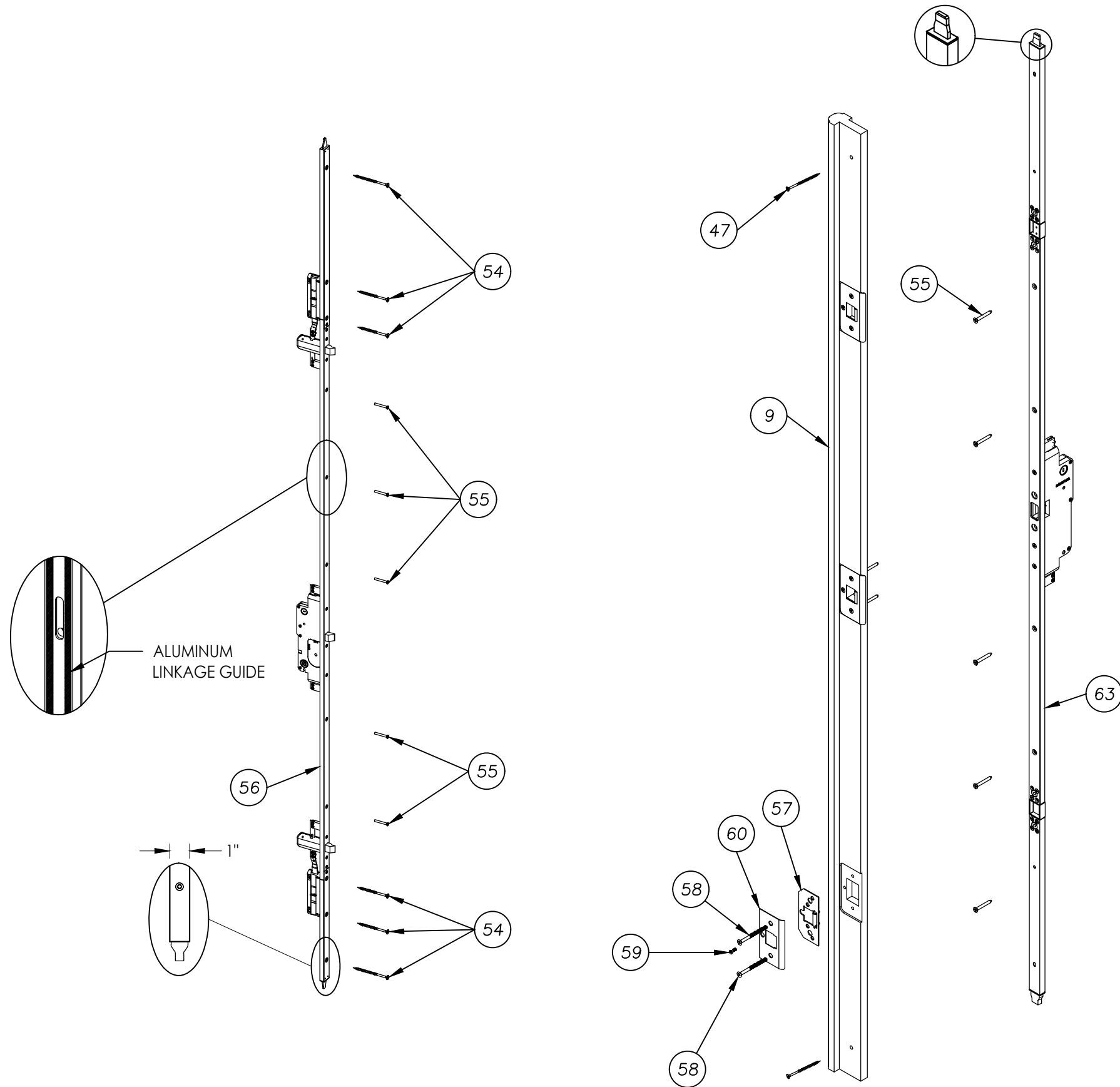
CHK. BY: LFS

DRAWING NO.:

FL-15384.7

SHEET 5 OF 8

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5 POINT LOCK

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.					
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:

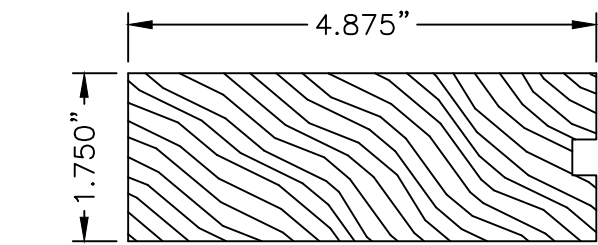
LOCK SET DETAILS

Regis BUILDING CONSULTANTS, INC.

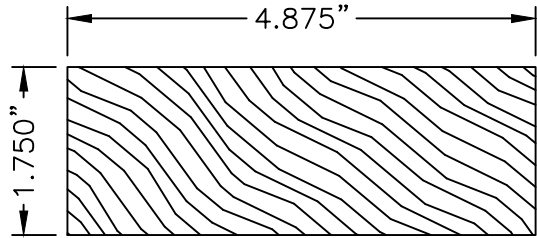
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197

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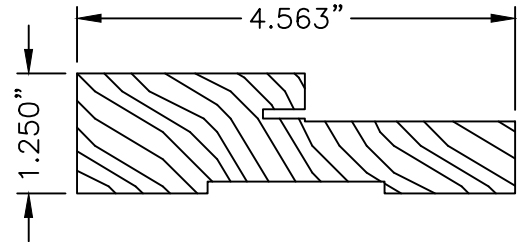
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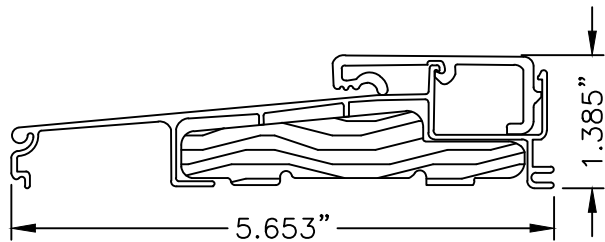
6 LOWER STILE
PANEL OVER PANEL
CAOBA



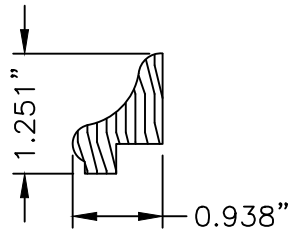
5 STILE
CAOBA



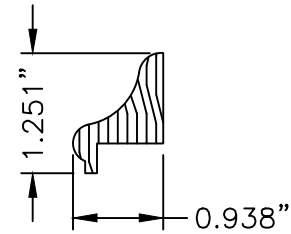
11 JAMB



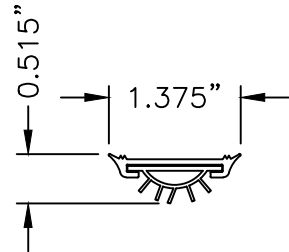
14 OUTSWING THRESHOLD



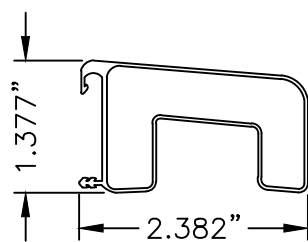
7 GLASS STOP
CAOBA



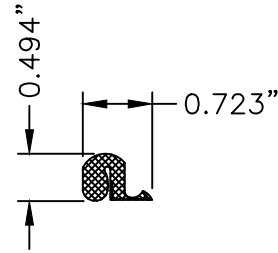
8 PANEL STOP
CAOBA



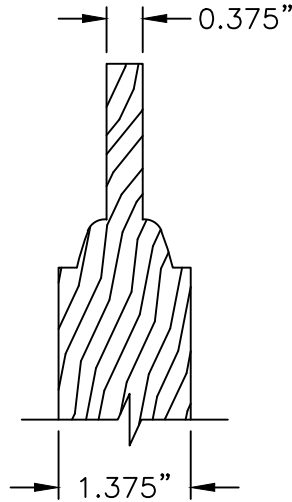
13 DOOR BOTTOM SWEEP
CAOBA



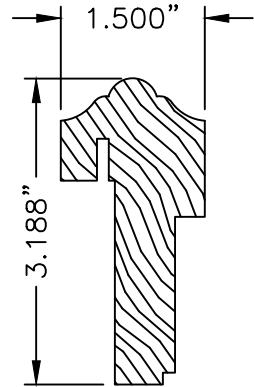
15 THRESHOLD TRIM
CAOBA



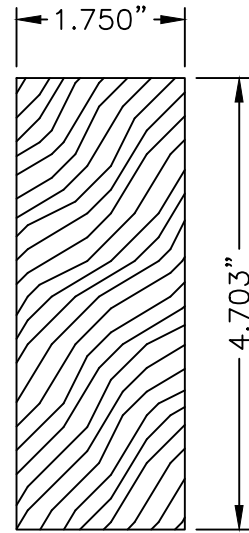
12 WEATHER STRIP
CAOBA



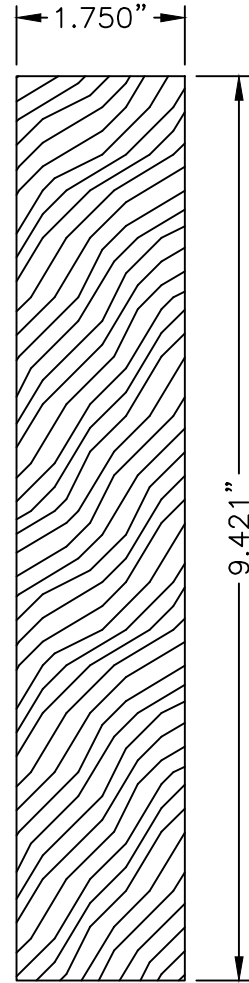
10 PANEL INSERT
CAOBA



9 ASTRAGAL
CAOBA



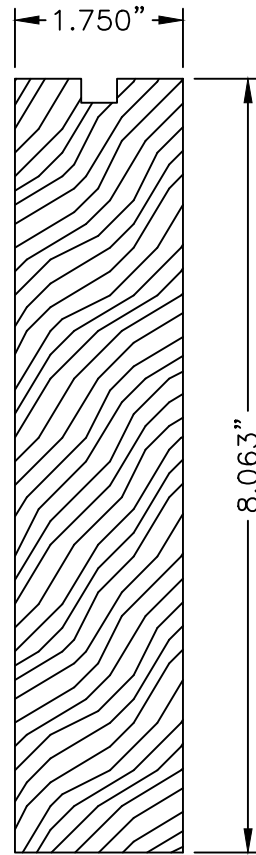
1 TOP RAIL
CAOBA



3 BOTTOM RAIL
FULL LITE PANEL
CAOBA



2 MIDRAIL
CAOBA



4 BOTTOM RAIL
PANEL OVER PANEL
CAOBA

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:

COMPONENTS

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15384.7

SHEET 7 OF 8

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