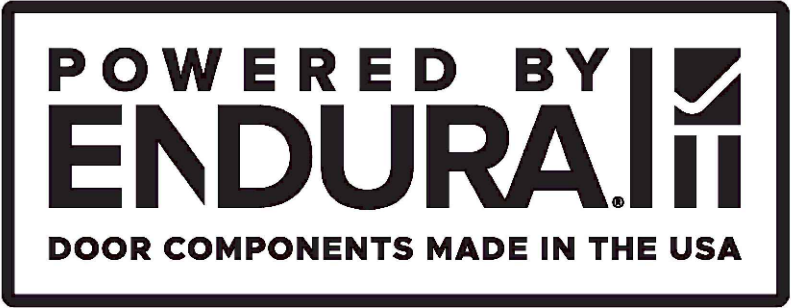


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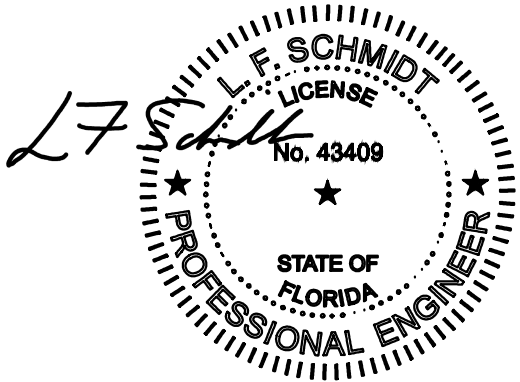


TRILENNIUM®
MULTI-POINT LOCK
w/ CAOBA SINGLE DOOR
OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements 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.

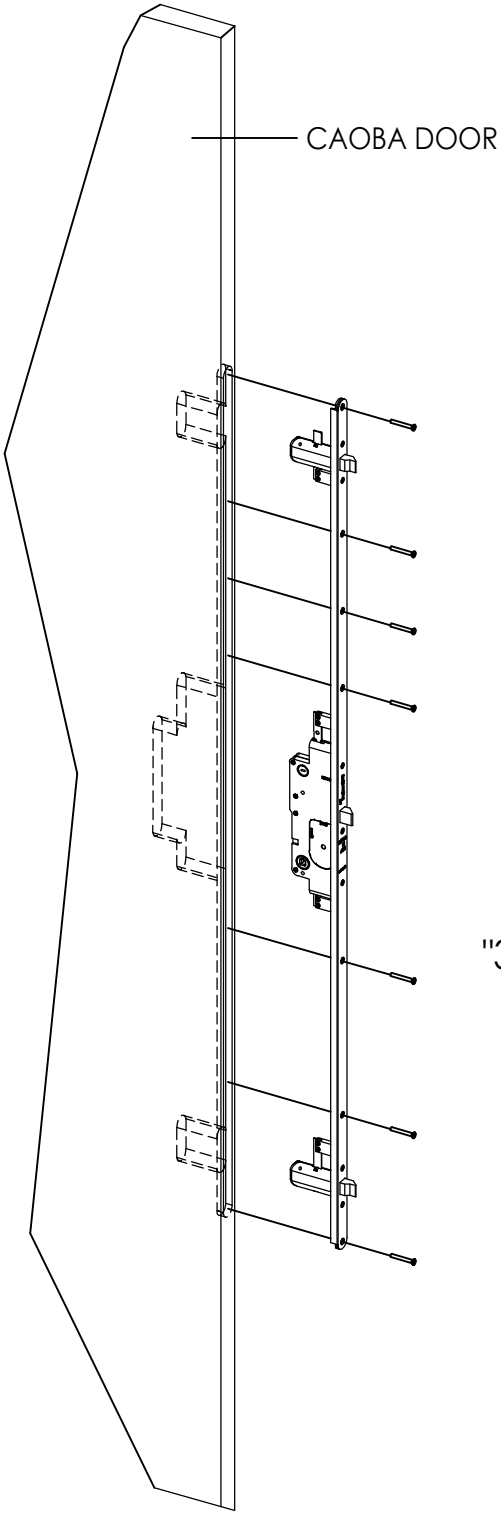
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck & frame anchoring
6	Lock set details
7	Components
8	Bill of materials & glazing detail



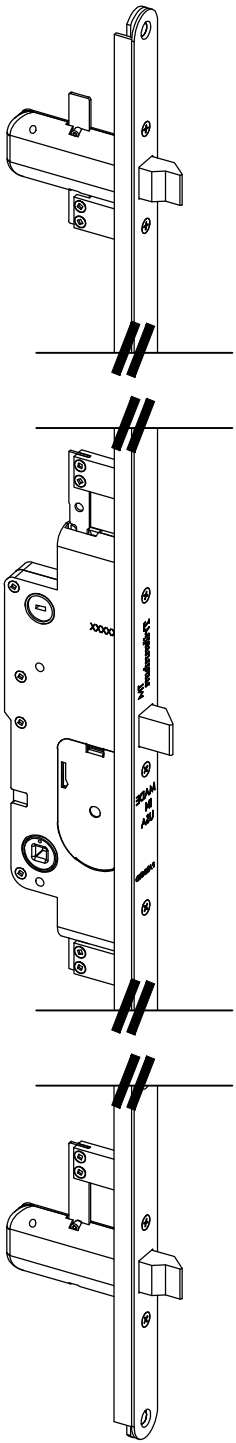
Digitally signed by Lyndon F Schmidt
Date: 2023.07.17 13:03:34 -04'00'

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



TRILENNIUM®
3 POINT LOCK
"3000" - "3000CD" - "3070"



CONFIG.	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE	37.75" x 98.0"	24.0" x 80.0"	G1	+95.0	-95.0

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P.E. No. 43409

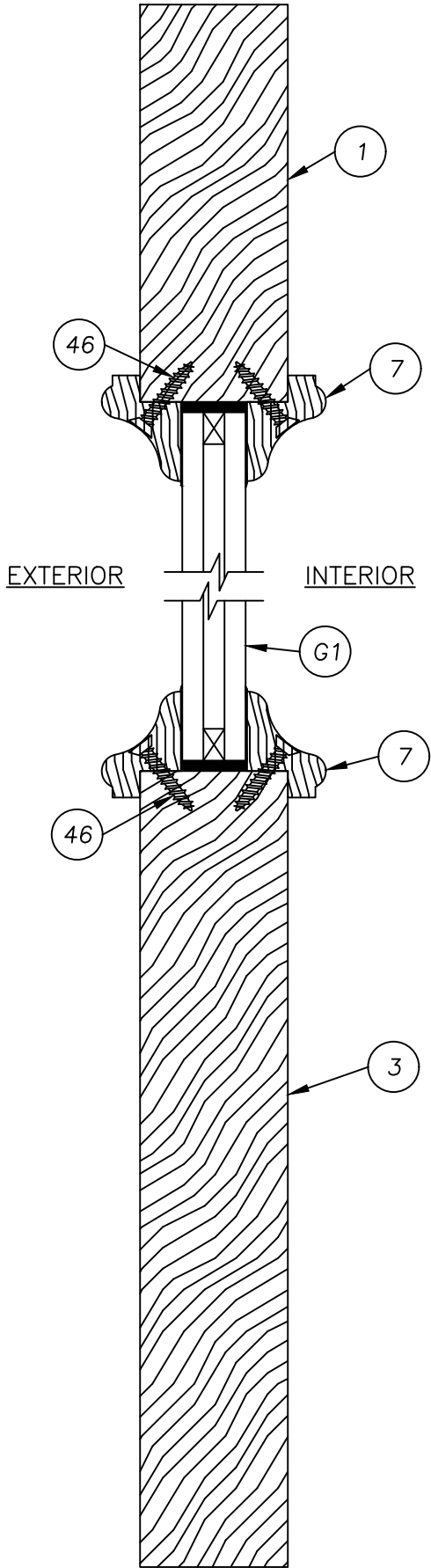
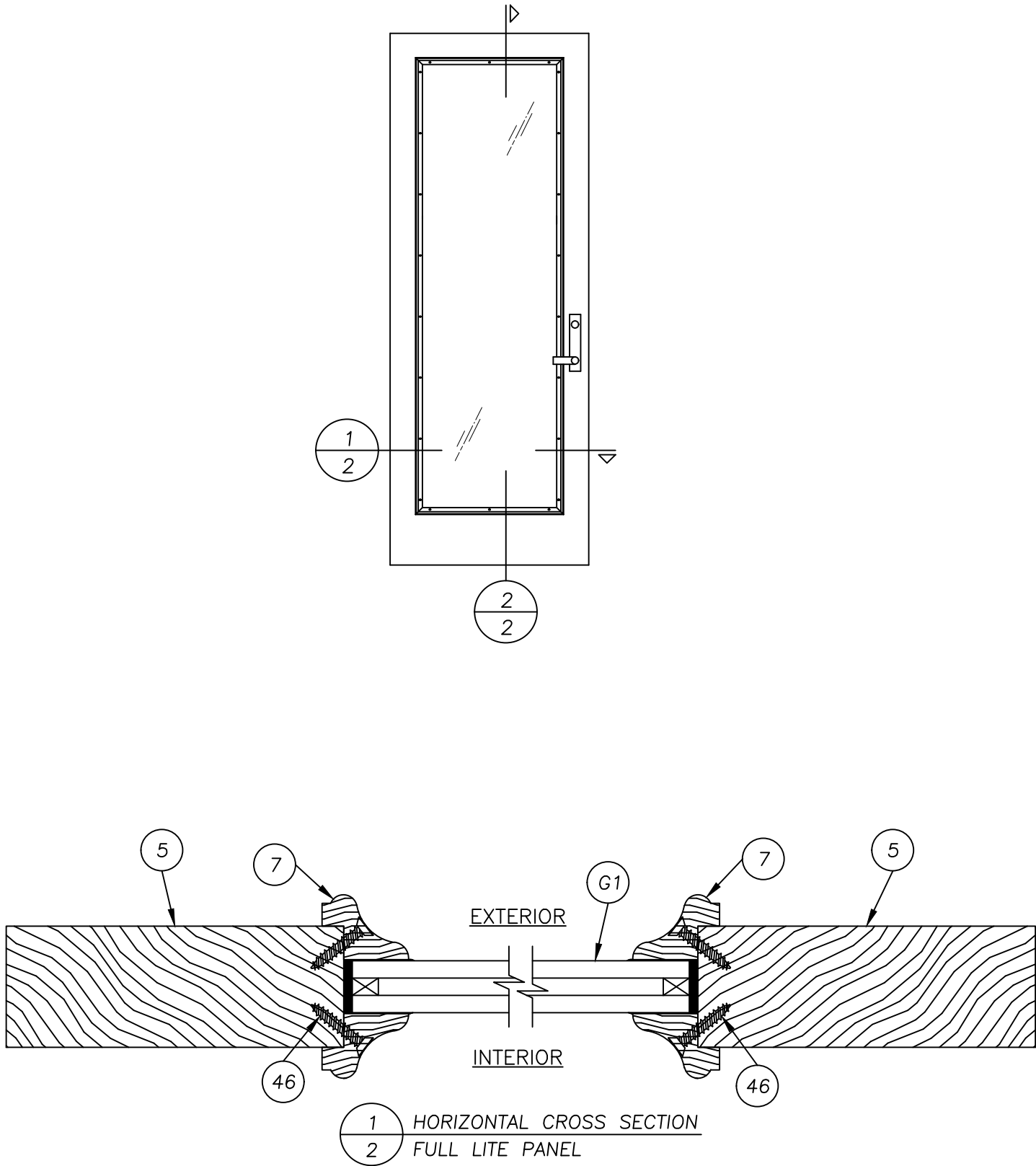
PRODUCT:
ENDURA
MULTI-POINT LOCK SET

NO.	DATE	REVISIONS			
		DATE	BY	JK	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	

DATE: 3/29/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15384.6
SHEET 1 OF 8

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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
NO.	DATE	BY

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15384.6

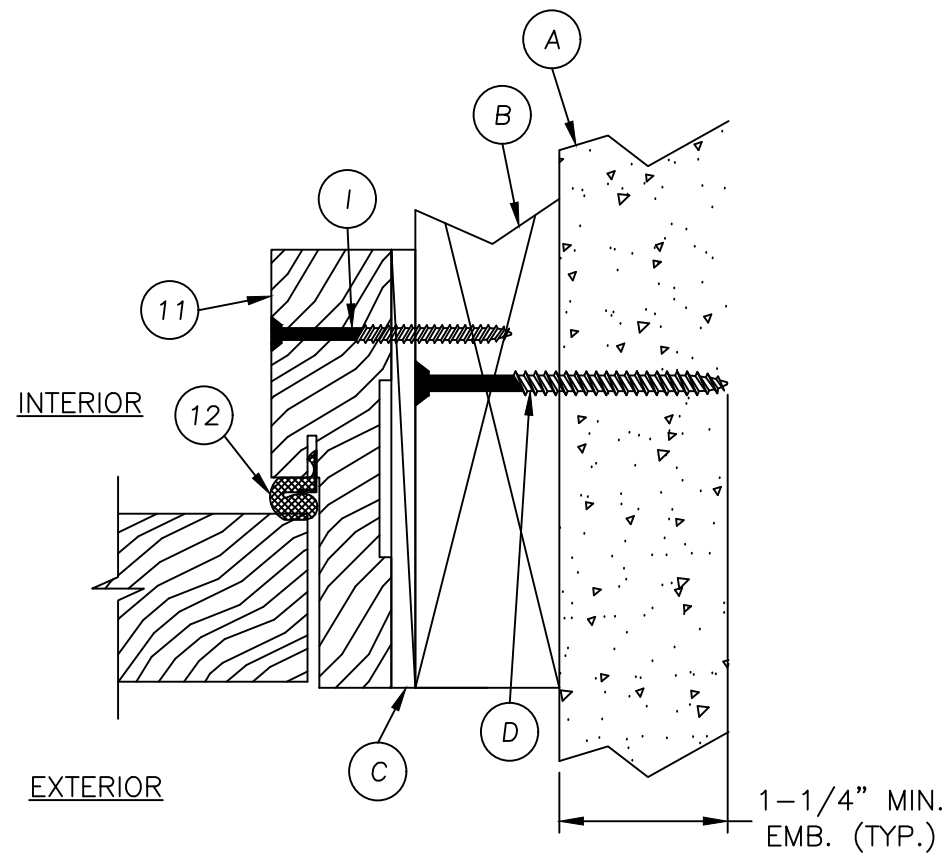
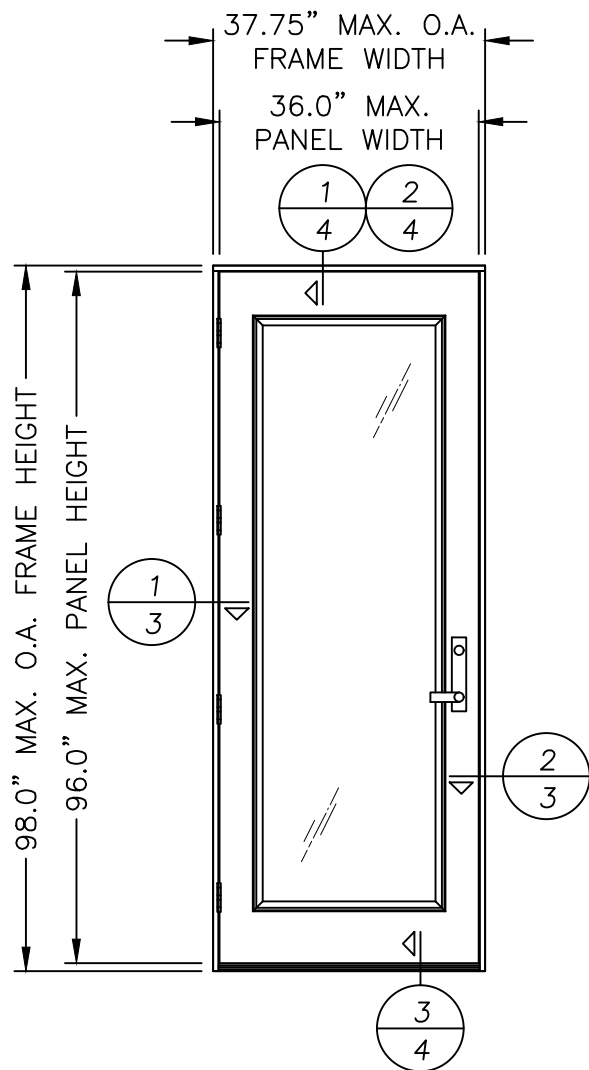
SHEET 2 OF 8

PRODUCT: ENDURA MULTI-POINT LOCK SET

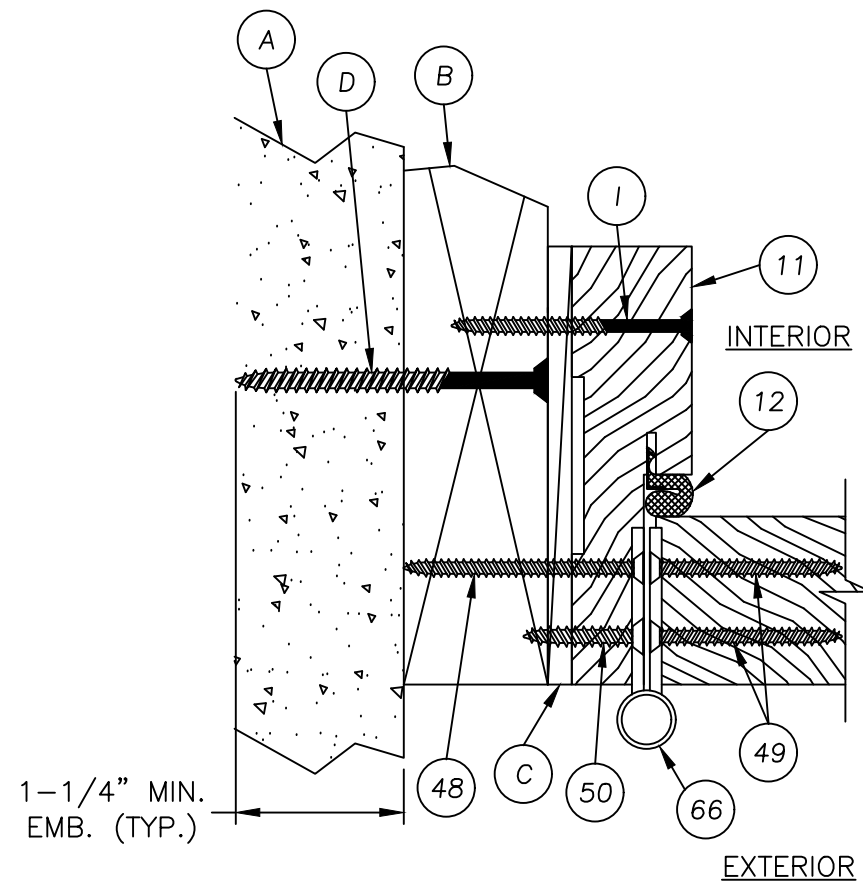
PART OR ASSEMBLY: PANEL DETAILS

Documents Prepared By:
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2 HORIZONTAL CROSS SECTION
3

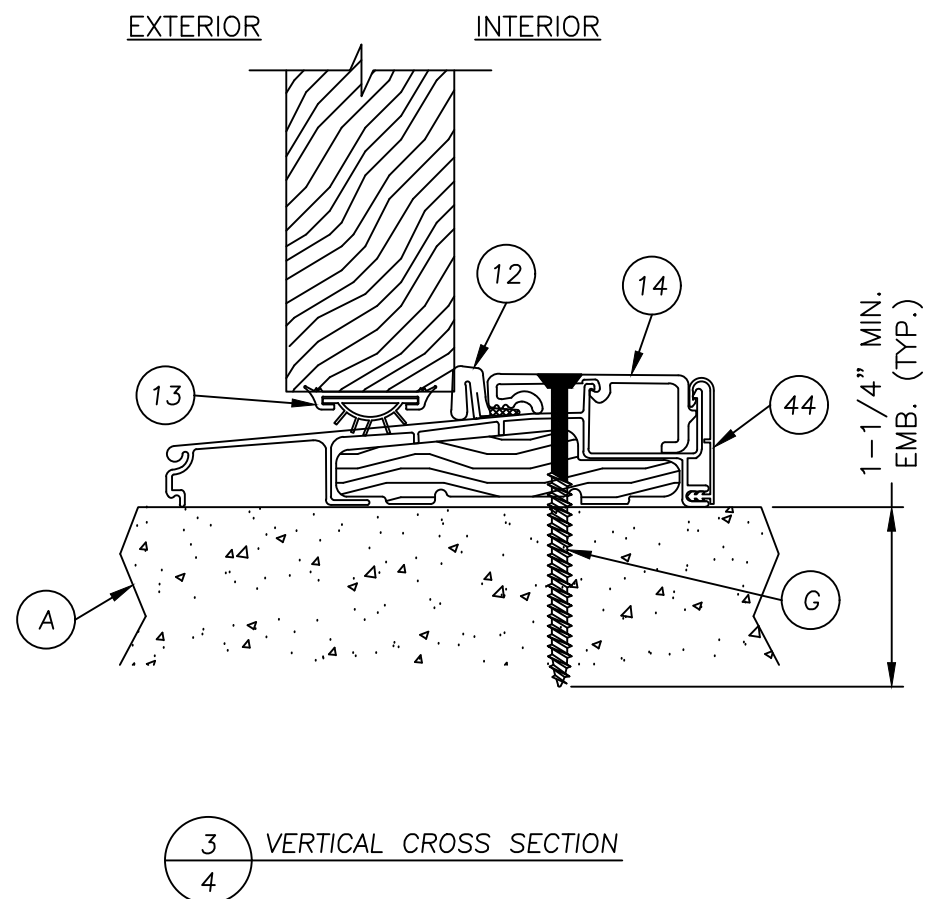
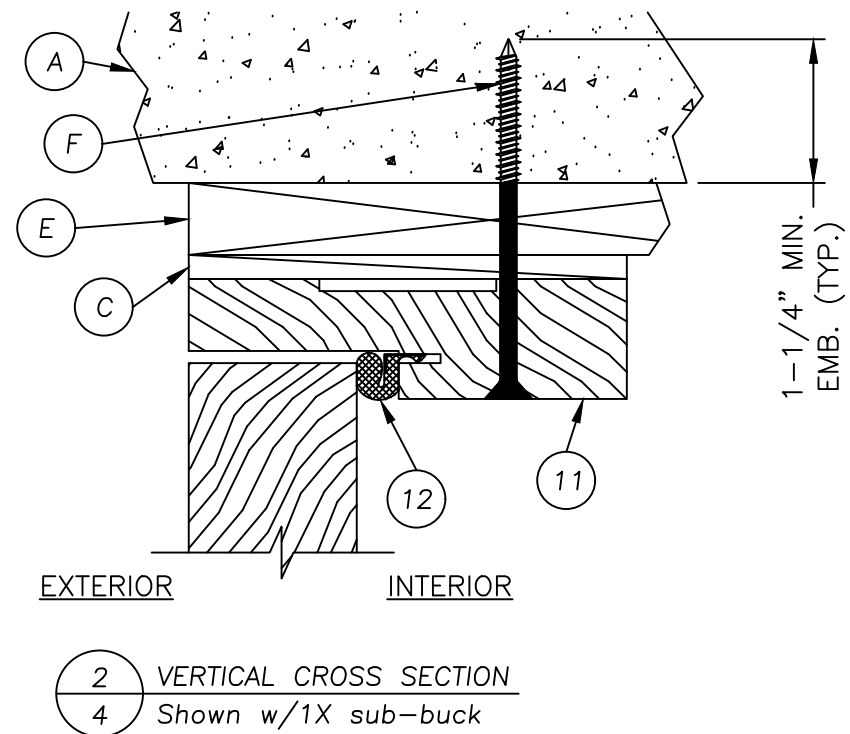
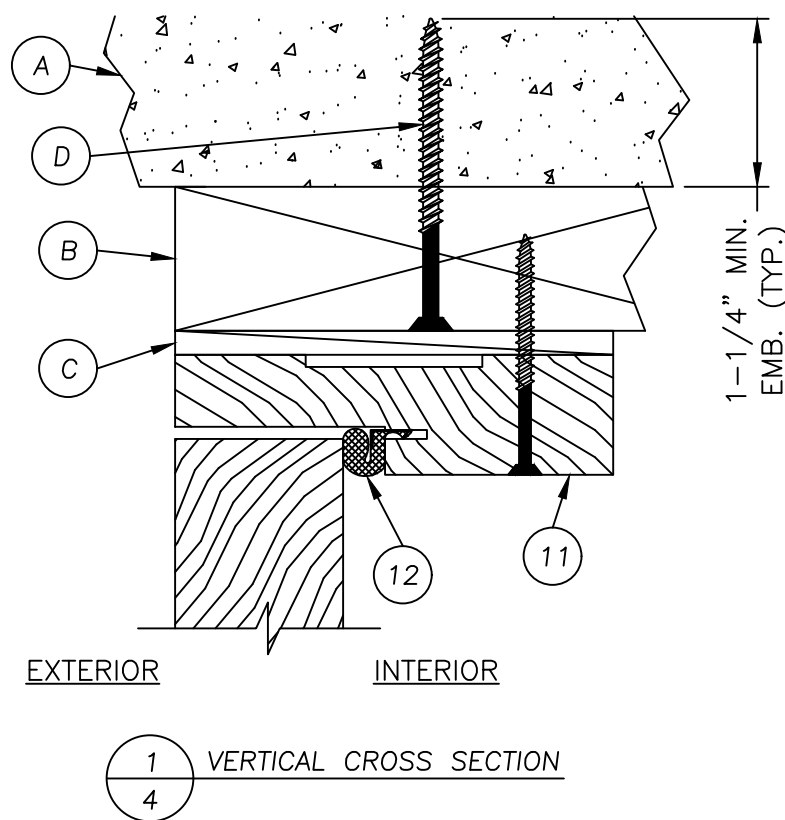


1 HORIZONTAL CROSS SECTION
3

[illegible]

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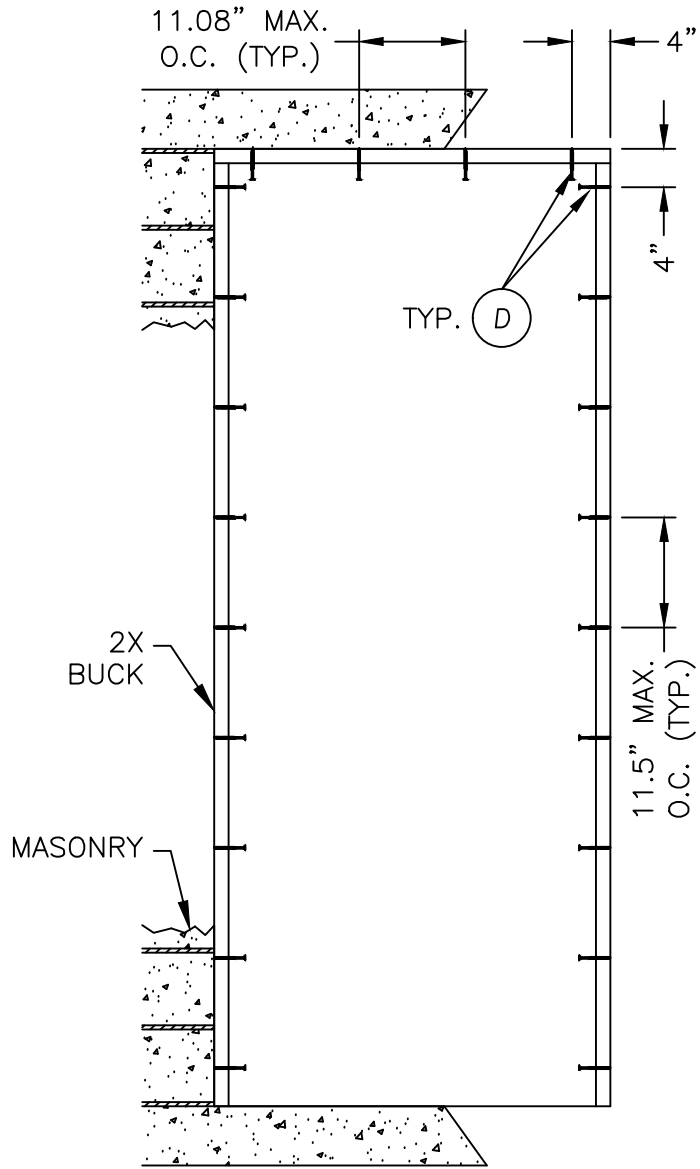
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CHK. BY: LFS						
DRAWING NO.: FL-15384.6						
SHEET 4 OF 8						

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

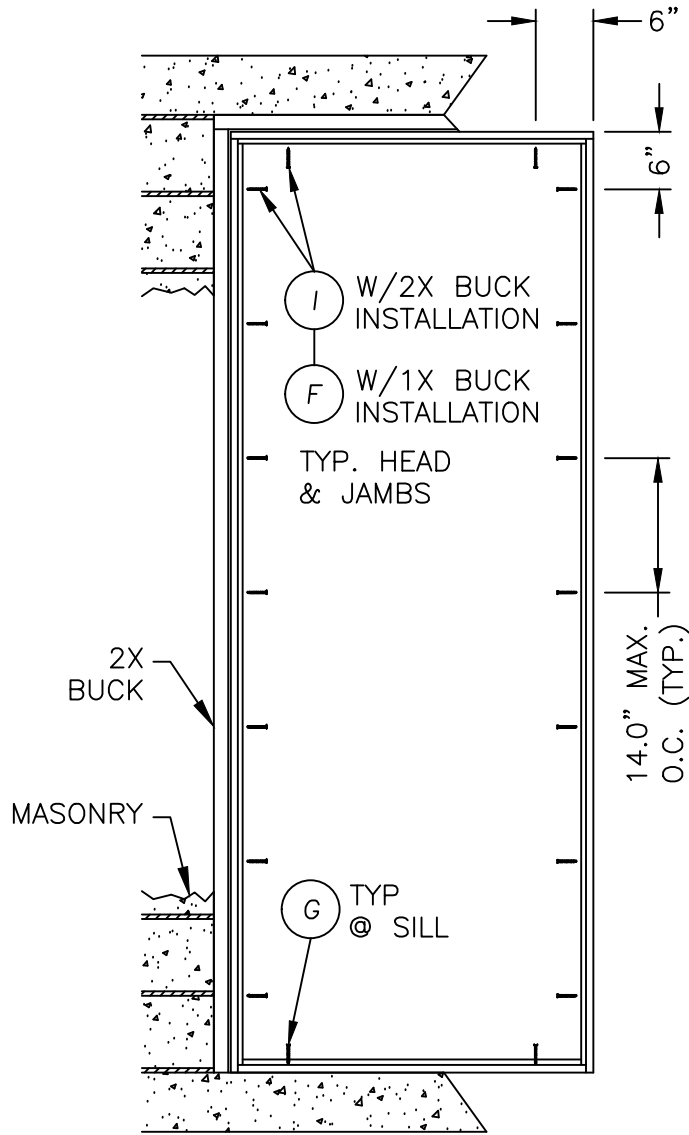
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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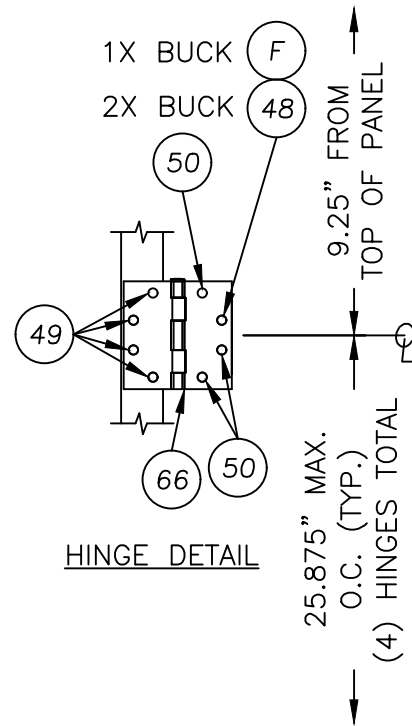
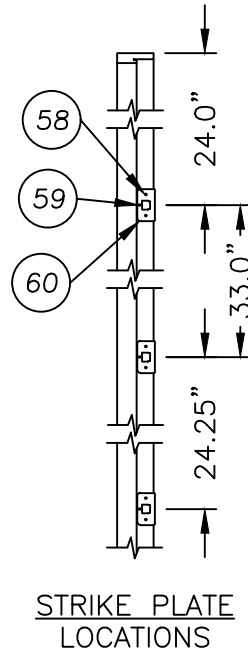
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BUCK ANCHORING



FRAME ANCHORING



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. 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.
3. 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:

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

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PRODUCT:
ENDURA
MULTI-POINT LOCK SET

NO.	DATE	REVISIONS
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
		BY

DATE: 3/29/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

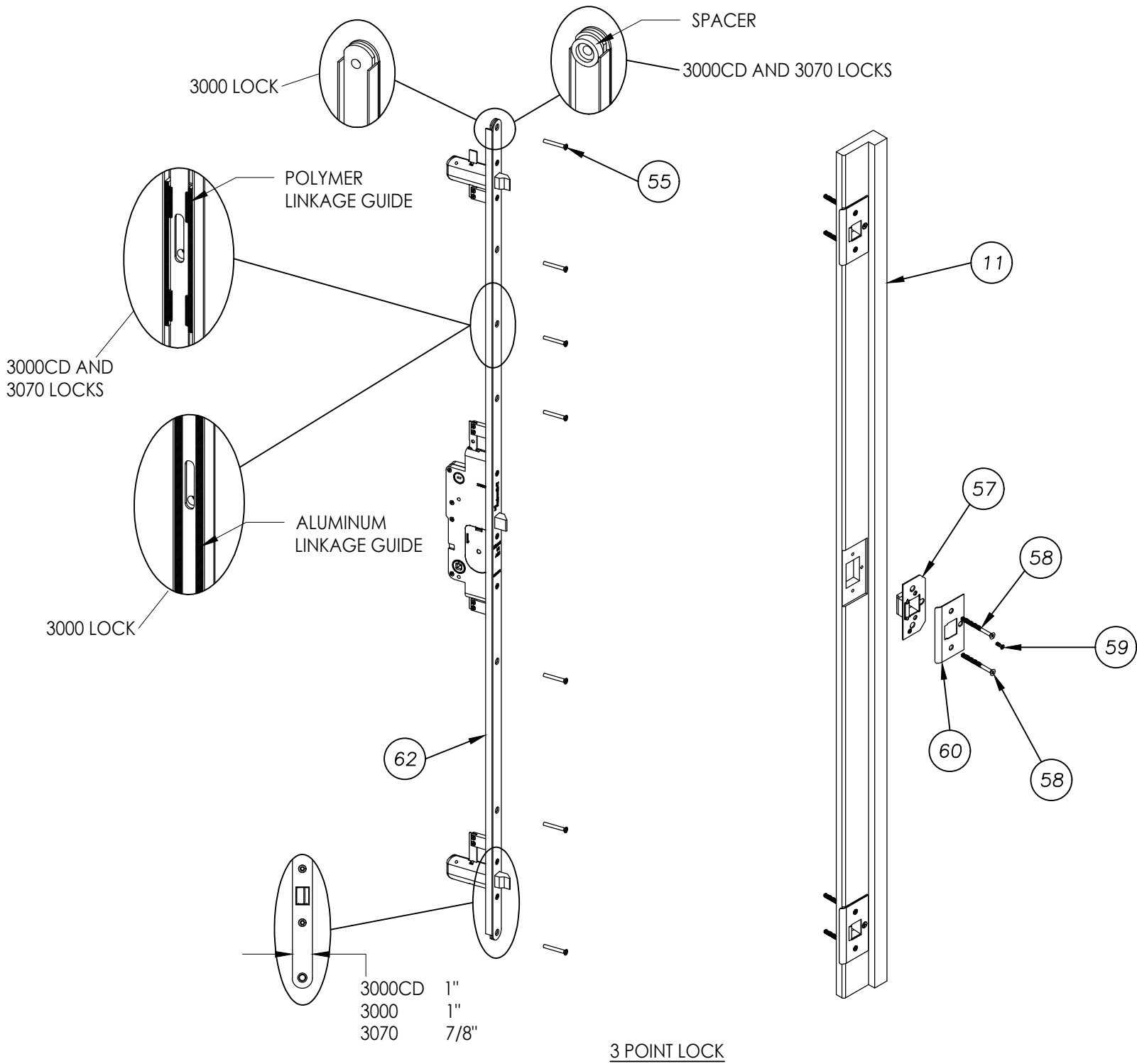
DRAWING NO.:

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SHEET 5 OF 8

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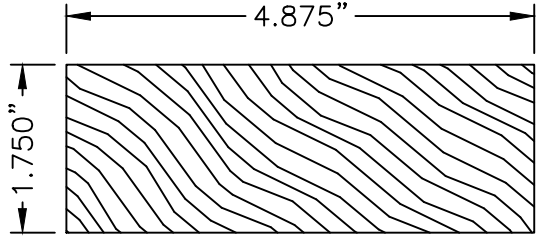
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SCALE: N.T.S.					
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CHK. BY: LFS					
DRAWING NO.: FL-15384.6					
SHEET 6	OF 8				
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	3/28/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE				

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

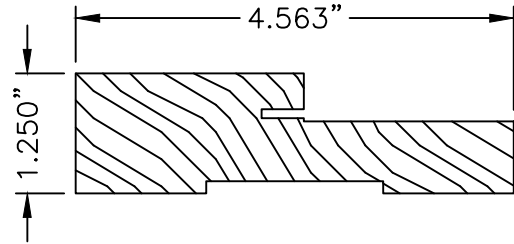
Documents Prepared By:
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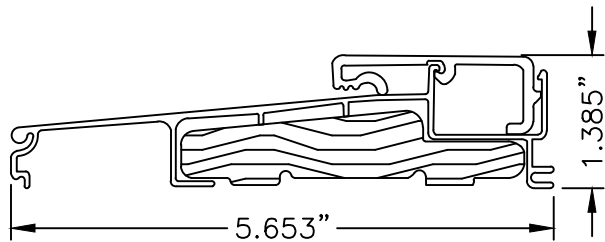
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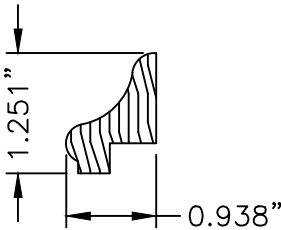
5 STILE
CAOBA



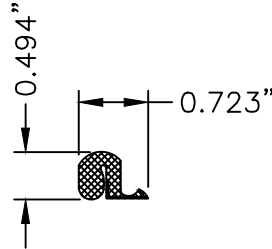
11 JAMB



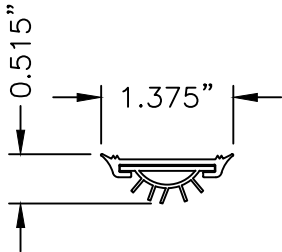
14 OUTSWING THRESHOLD



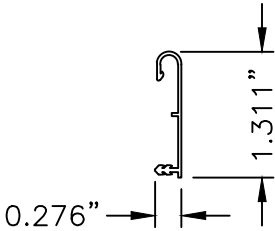
7 GLASS STOP
CAOBA



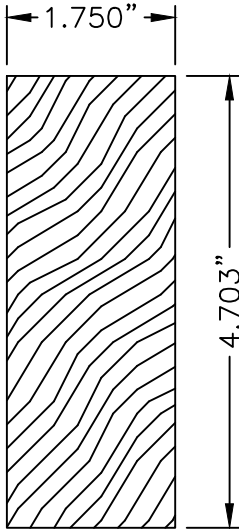
12 WEATHER STRIP
CAOBA



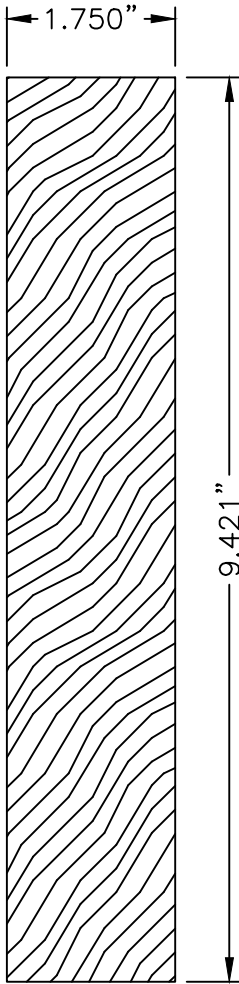
13 DOOR BOTTOM SWEEP
CAOBA



44 THRESHOLD TRIM
TRUSTILE



1 TOP RAIL
CAOBA



3 BOTTOM RAIL
FULL LITE PANEL
CAOBA

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FL-15384.6

SHEET 7 OF 8

PRODUCT:
ENDURA
MULTI-POINT LOCK SET

PART OR ASSEMBLY:

COMPONENTS

Documents Prepared By:

Lyndon F. Schmidt

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RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

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