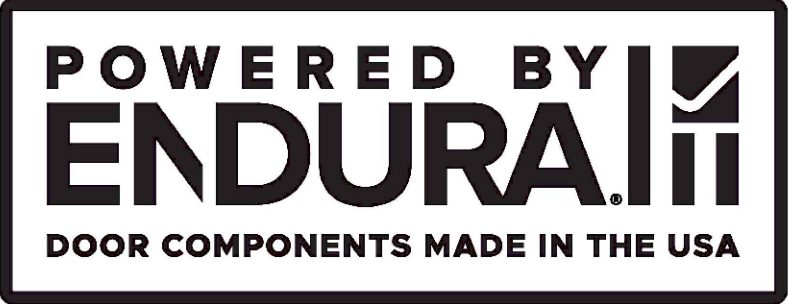




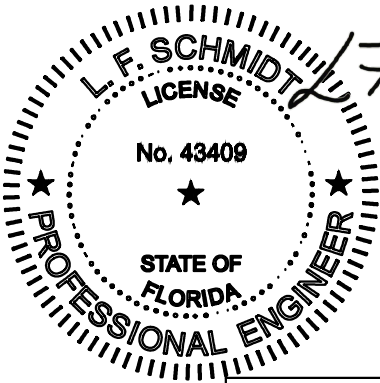
TRILENNIUM®
MULTI-POINT LOCK

w/ Plastpro Opaque Fiberglass Single Door w/ Sidelite(s)
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using threshold items #31 & 32 meet water infiltration requirements for "HVHZ".
8. Inswing configurations and outswing configurations using threshold item #30 do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

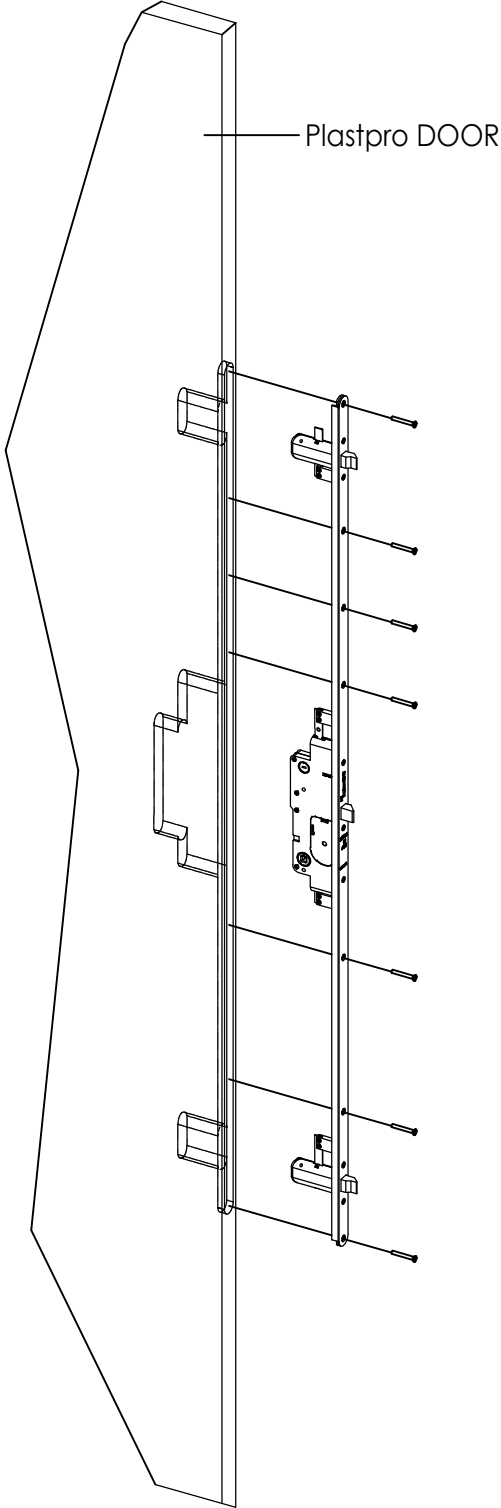
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Elevations
3	Door panel details
4	Sidelite panel details
5	Lite frame details and glazing details
6	Horizontal cross sections
7	Horizontal cross sections
8	Horizontal cross sections
9	Vertical cross sections
10	Vertical cross sections
11	Lock set details
12	Buck anchoring
13	Frame anchoring
14	Frame anchoring
15	Bill of materials and components



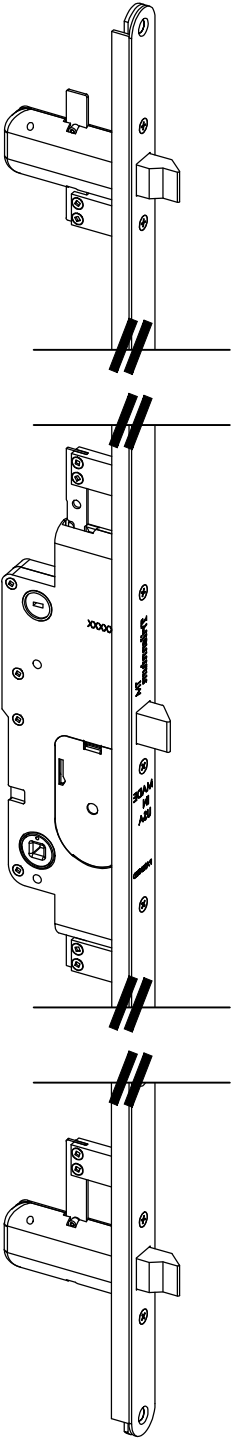
Digitally signed
by Lyndon F
Schmidt
Date: 2026.07.19
09:17:49 -04'00'

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



SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OUTSWING	115.50" x 97.125"	+60.0	-60.0
INSWING	115.50" x 98.00"	+60.0	-60.0



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

ENDURA

TRILENNIUM®
3 POINT LOCK
"3000"

REVISIONS

57/01/26UPDATE TO 9TH ED. (2026) FBC

47/06/23UPDATE TO 8TH ED. (2023) FBC & REVISE ODL ALUM LITE FRAME

38/03/20UPDATE TO 7TH ED. (2020) FBC

29/26/17UPDATE TO 6TH ED. (2017) FBC

112/07/15REVISED COMPONENTS

NO. DATE

DATE: 10/27/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

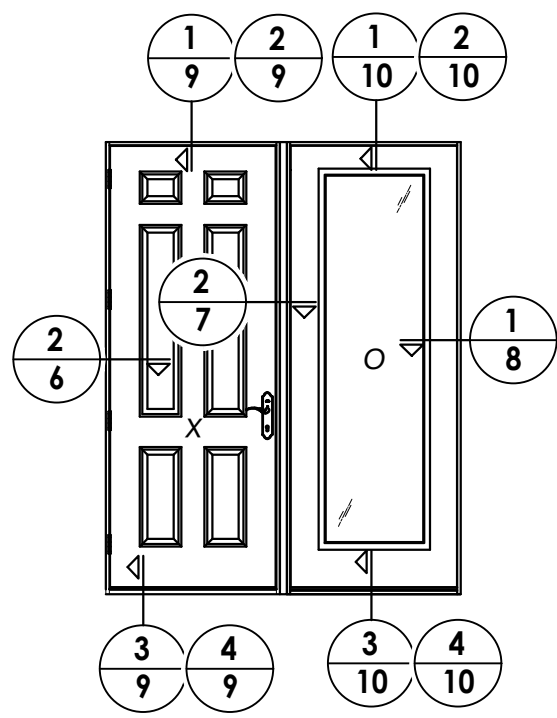
DRAWING NO.: FL-15384.10

SHEET 1 OF 15

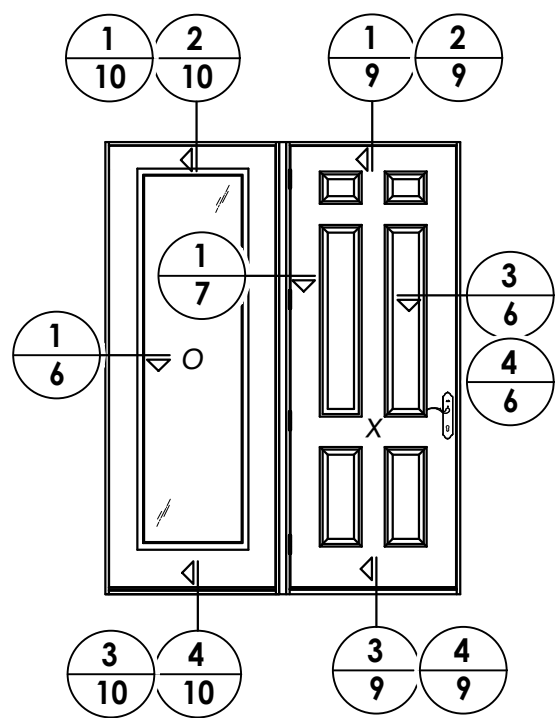
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

2015 R.W. BUILDING CONSULTANTS INC.

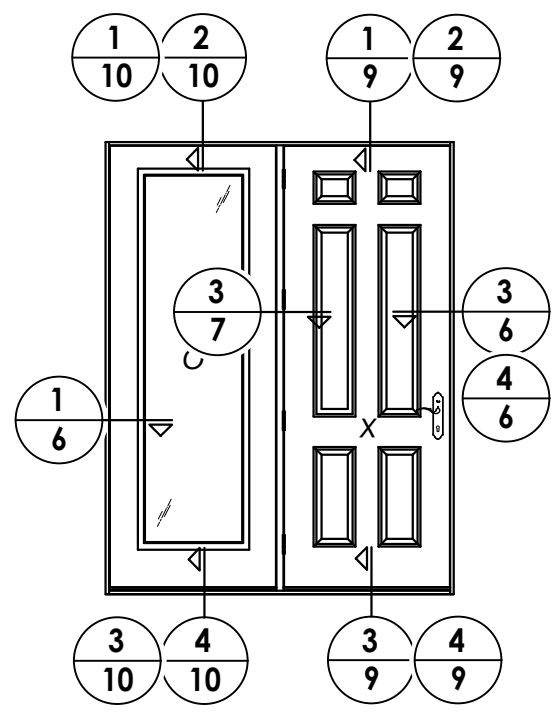
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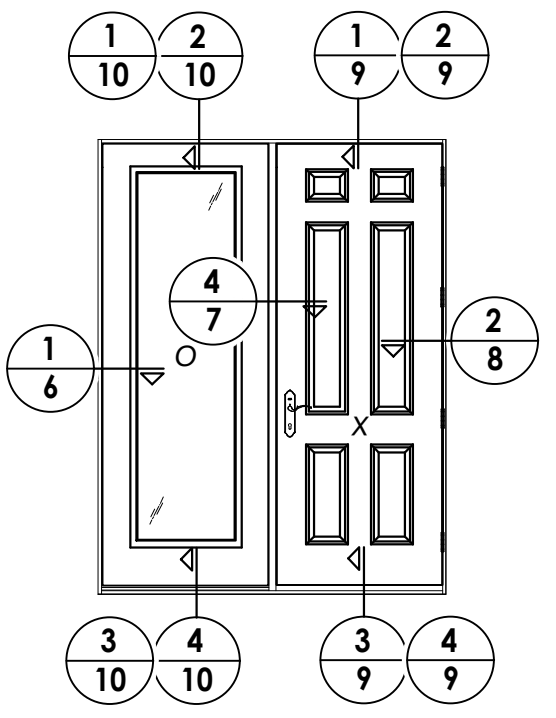
XO
2X Reinforcement



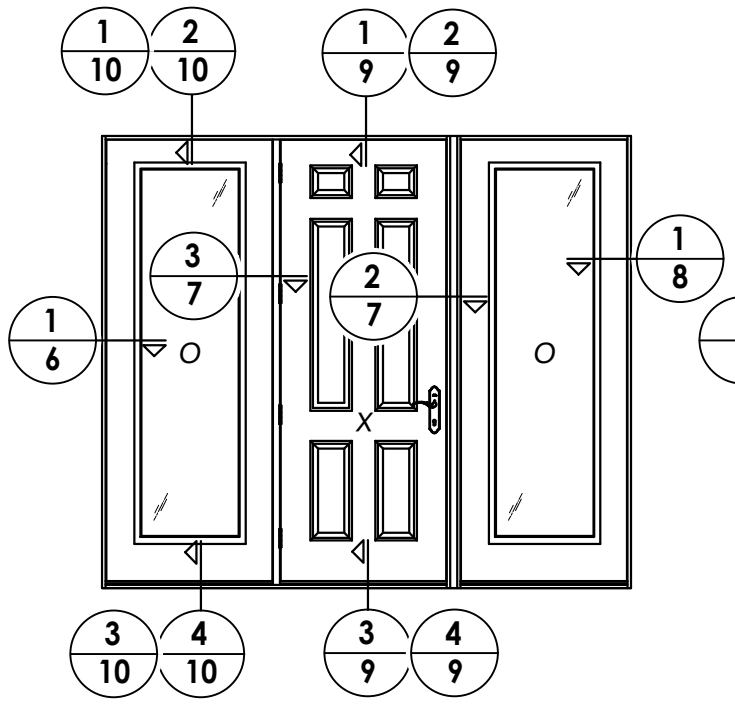
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2X Reinforcement - Center Hinge



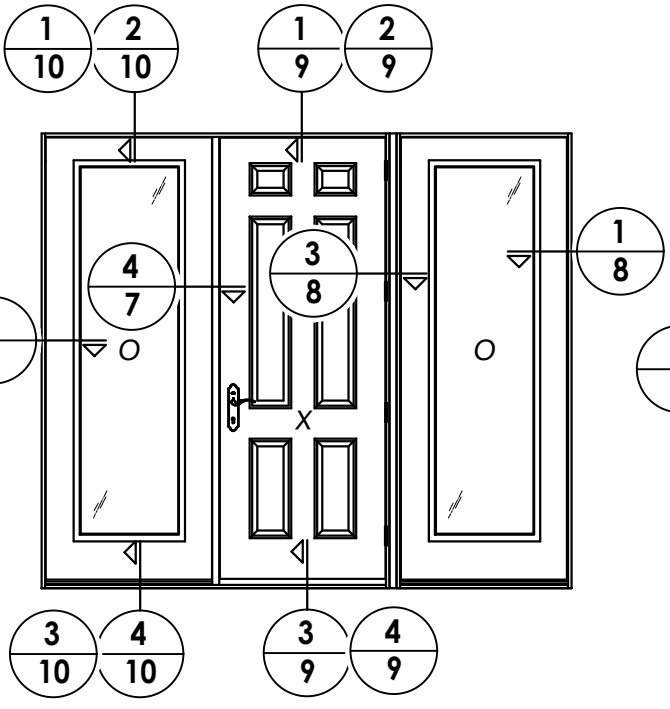
OX
Integral Mullion - Center Hinge



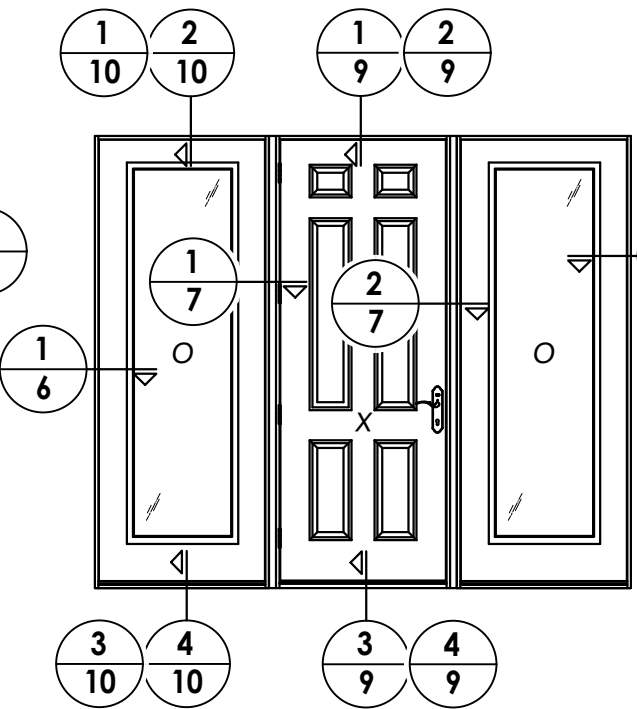
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Integral Mullion



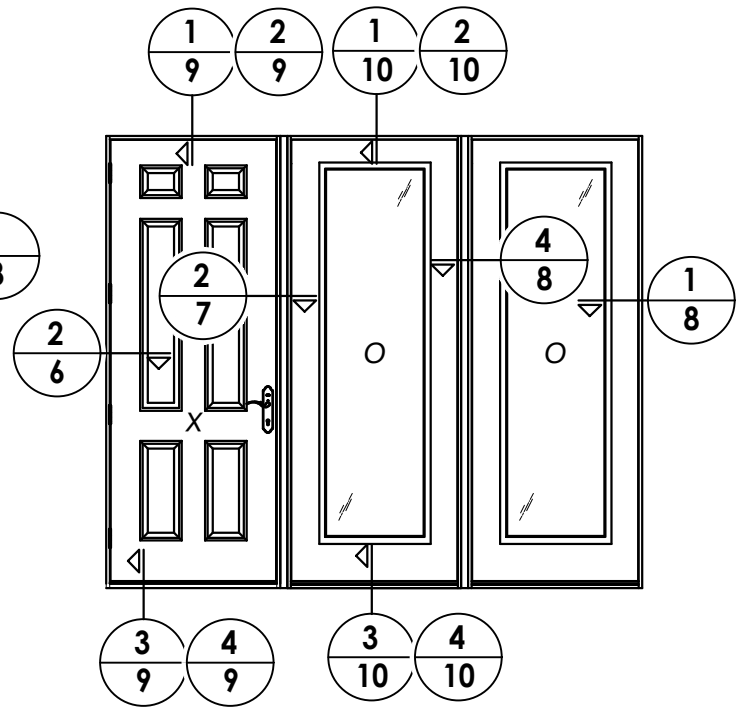
OXO
Integral Mullion @ Hinge
2x Reinforcement @ Latch



OXO
2x Reinforcement @ Latch
Integral Mullion @ Hinge



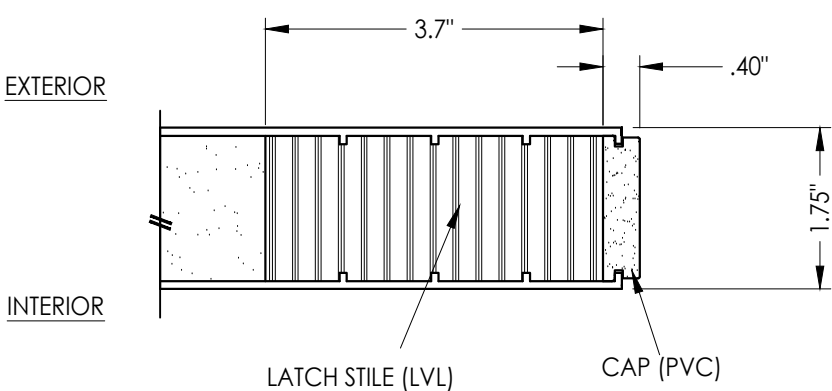
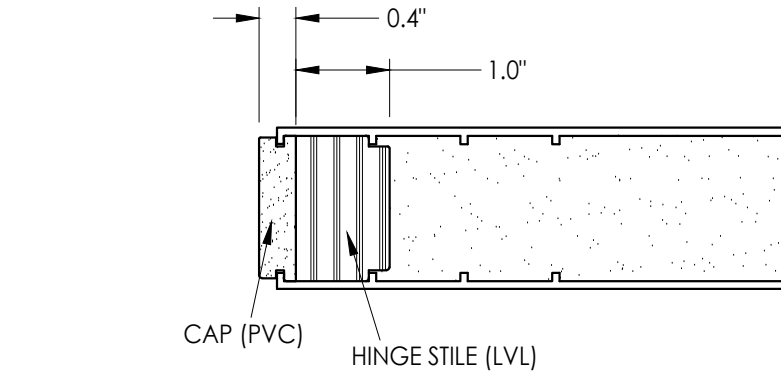
OXO
2x Reinforcement @ Latch & Hinge



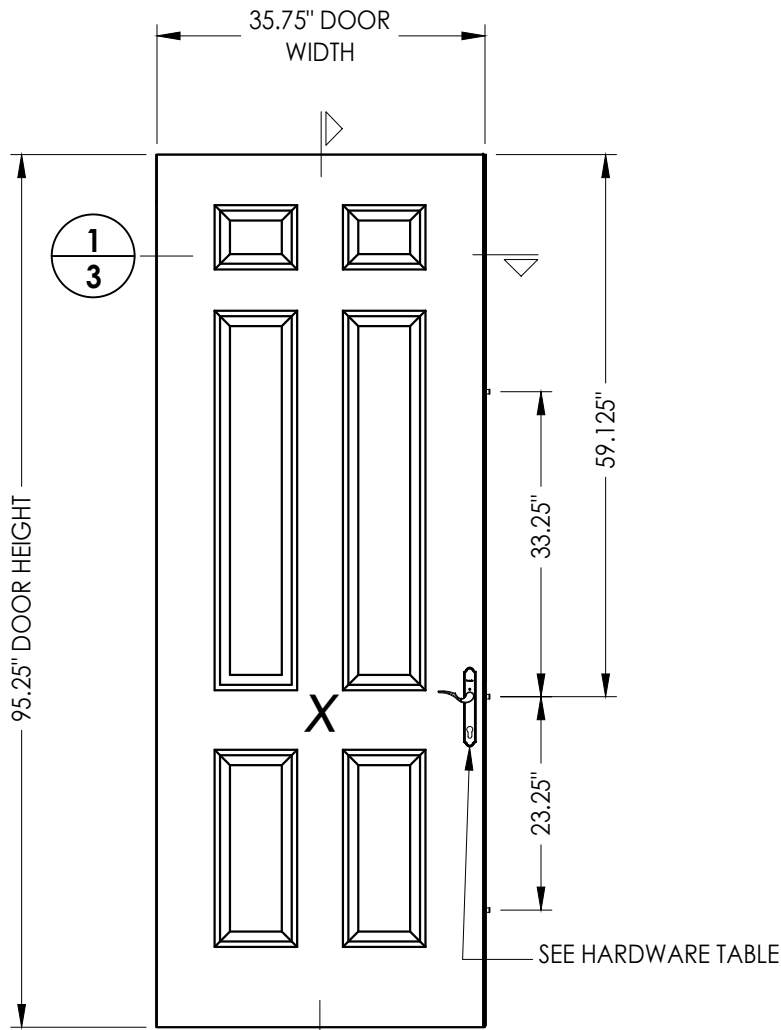
XOO
2x Reinforcement @ Latch & Hinge

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	
PRODUCT:		ENDURA	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
		& REVISE ODL ALUM LITE FRAME	
3	8/03/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	12/07/15	REVISED COMPONENTS	LFS
NO.	DATE		BY
REVISIONS			
DATE: 10/27/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15384.10			
SHEET 2 OF 15			

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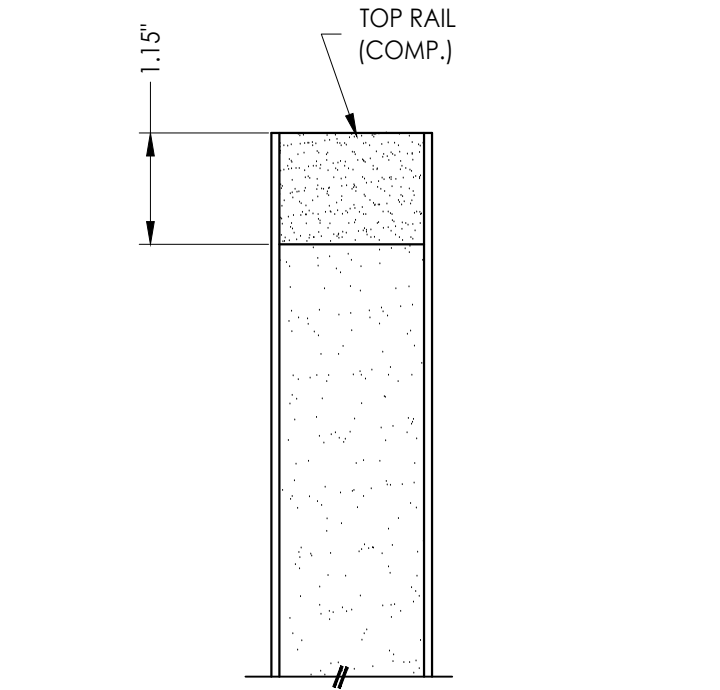


1
3 HORIZONTAL CROSS SECTION

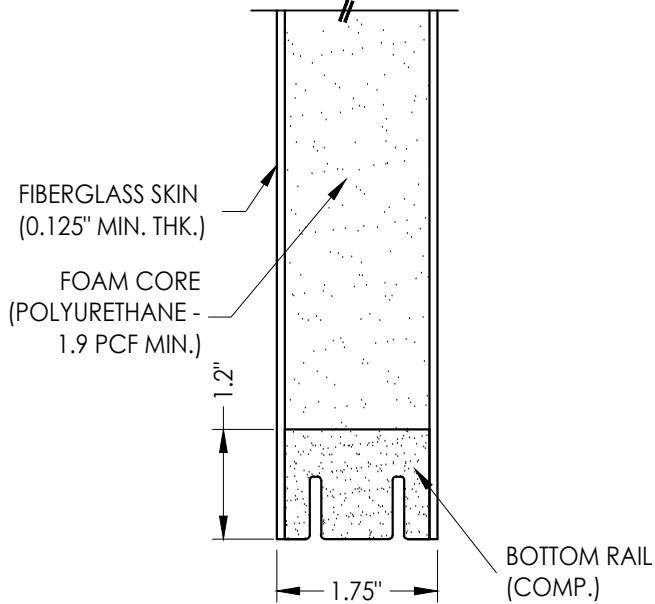


2
3 DOOR PANEL
Plastpro Fiberglass

HARDWARE TABLE	
MANUFACTURER	MODEL
Endura	Trilennium® 3000 Series Multi-point lock (3pt.)



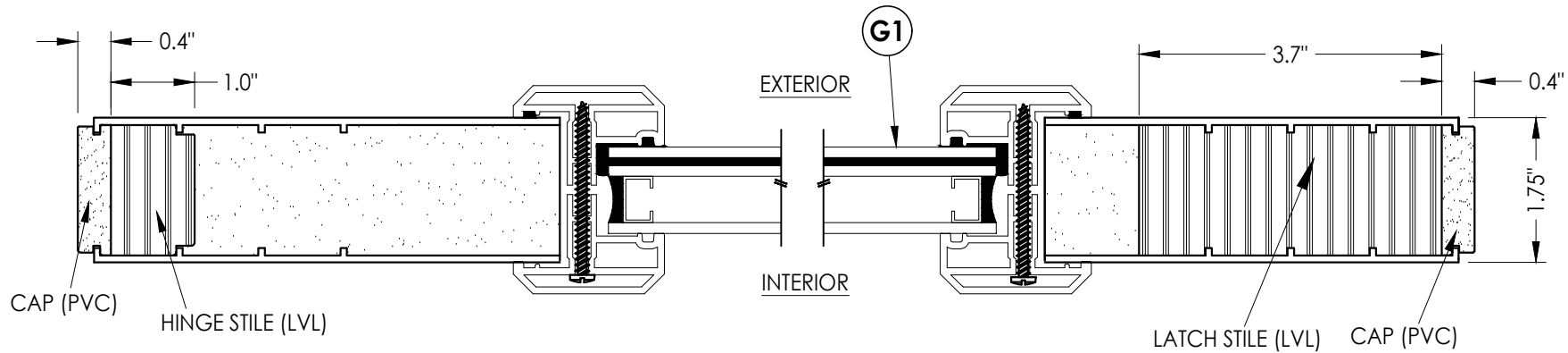
INTERIOR EXTERIOR



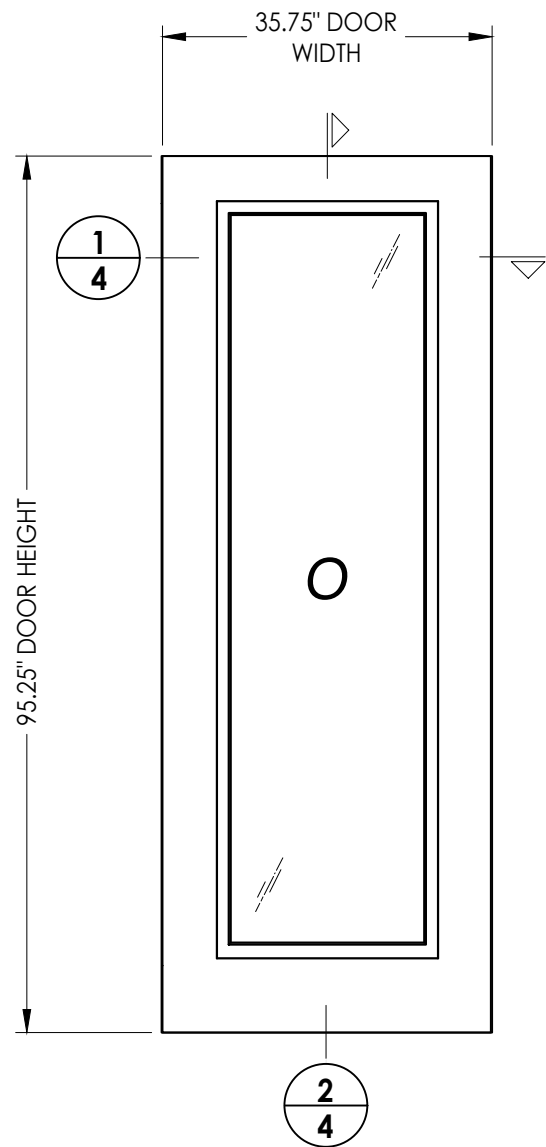
2
3 VERTICAL CROSS SECTION

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	
PRODUCT: ENDURA		PART OR ASSEMBLY: DOOR PANEL DETAILS	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
		& REVISE ODL ALUM LITE FRAME	FRAME
3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC
1	12/07/15	REVISED COMPONENTS	FBC
	NO.	DATE	BY
REVISIONS			
DATE: 10/27/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15384.10			
SHEET 3 OF 15			

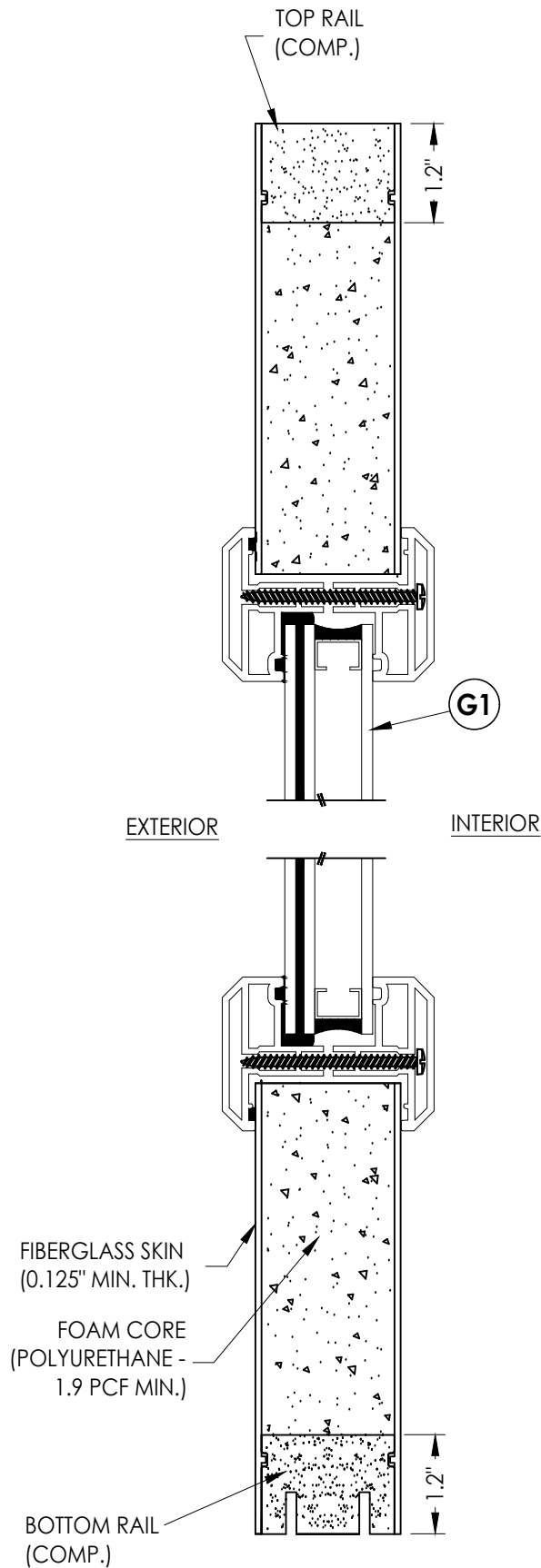
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1
4 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL (36")
Plastpro Fiberglass



2
4 VERTICAL CROSS SECTION

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: ENDURA				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			
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4	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS		
		& REVISE ODL ALUM LITE FRAME					
3	8/03/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS		
2	9/26/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS		
1	12/07/15	REVISED COMPONENTS			LFS		
	NO.	DATE			BY		

DATE: 10/27/15

SCALE: N.T.S.

DWG. BY: JK

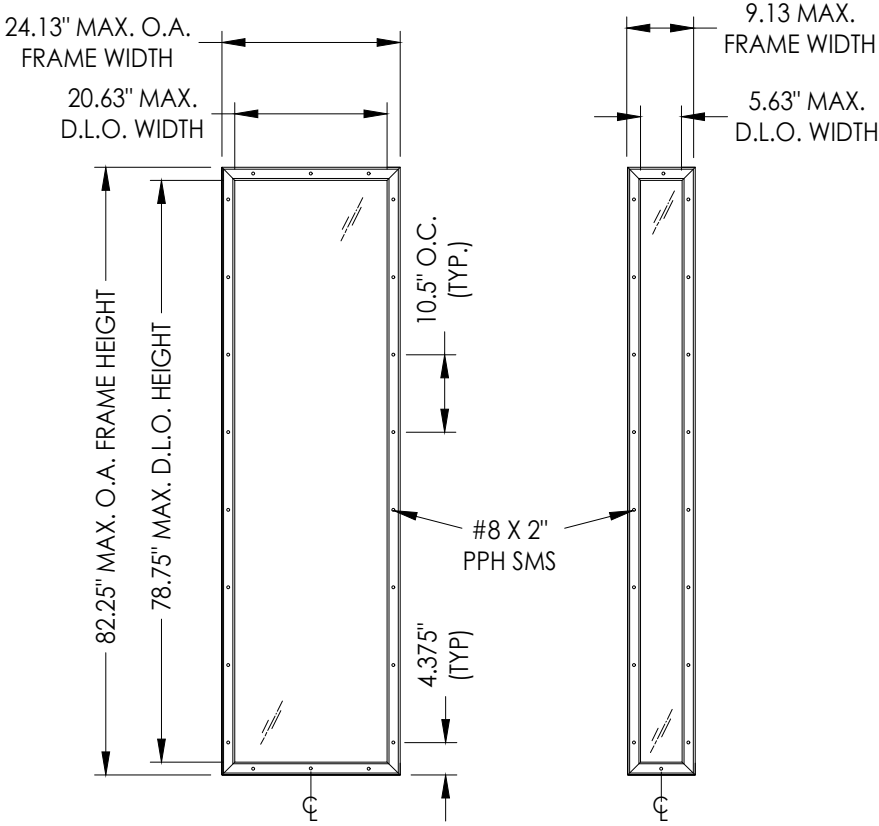
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DRAWING NO.:

FL-15384.10

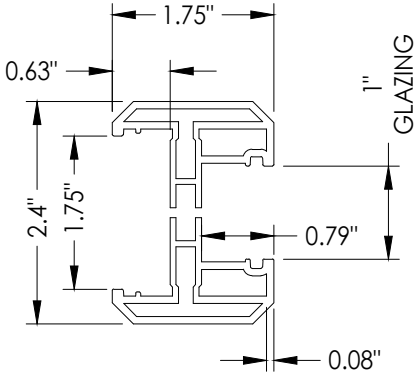
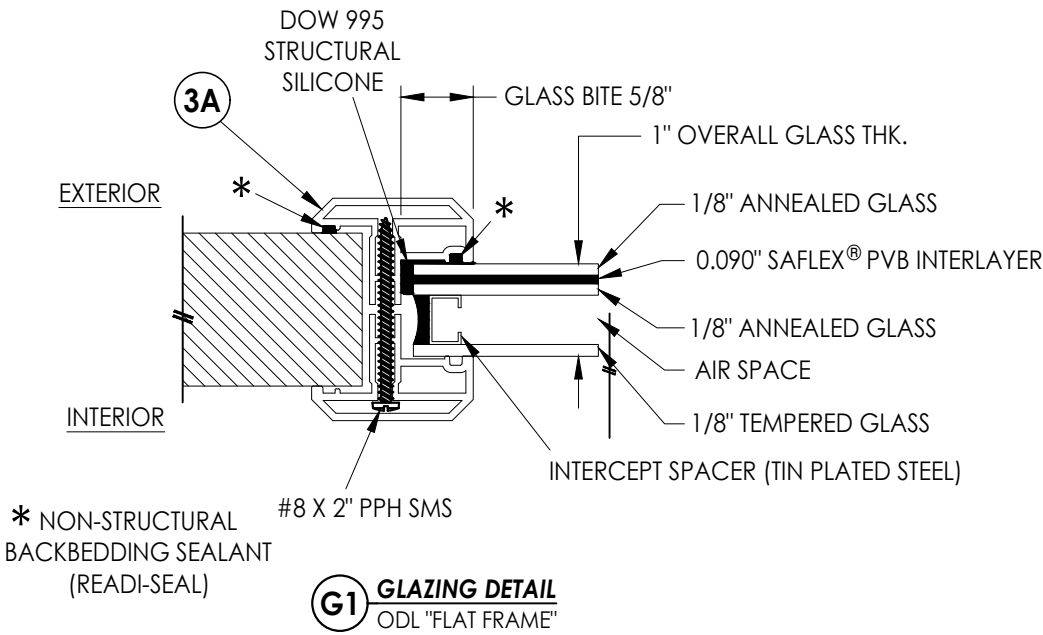
SHEET 4 OF 15

G:\2023 FBC Drawings 7.1.26\Endura Products\FL-15384 R11\FL-15384.10.dwg



ODL LITE FRAME
36" SIDELITE PANEL

ODL LITE FRAME
14" SIDELITE PANEL



3A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)

NO	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
		& REVISE ODL ALUM LITE FRAME
3	8/03/20	UPDATE TO 7TH ED. (2020) FBC
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC
1	12/07/15	REVISED COMPONENTS
		BY

DATE: 10/27/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15384.10

SHEET 5 OF 15

PRODUCT:

ENDURA

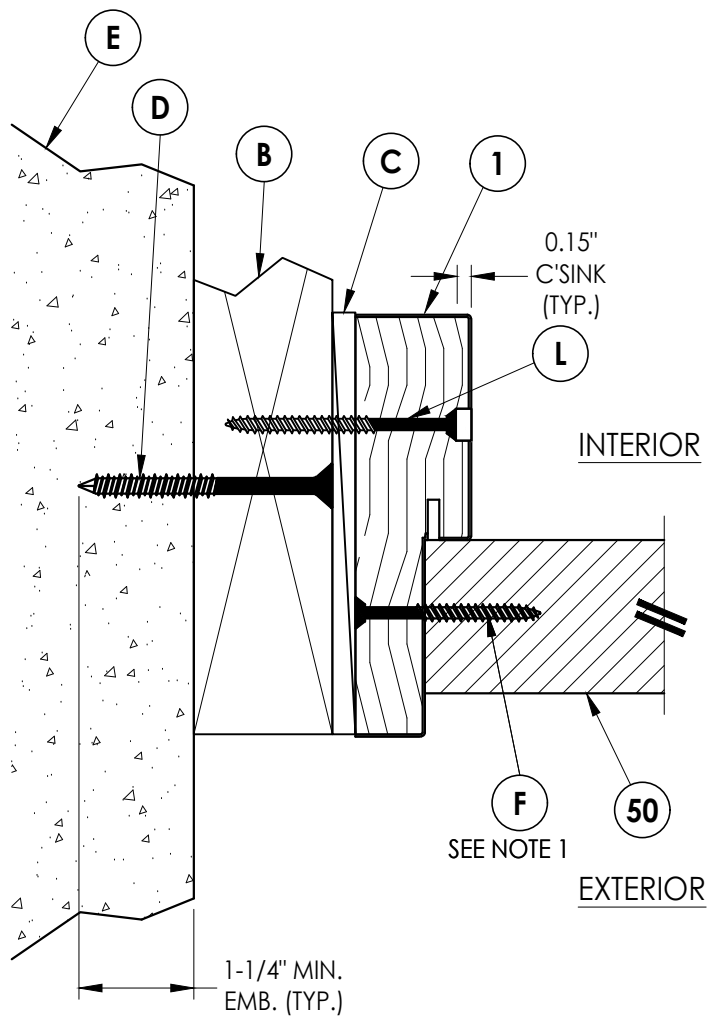
PART OR ASSEMBLY:

LITE FRAME DETAILS
AND GLAZING DETAILS

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

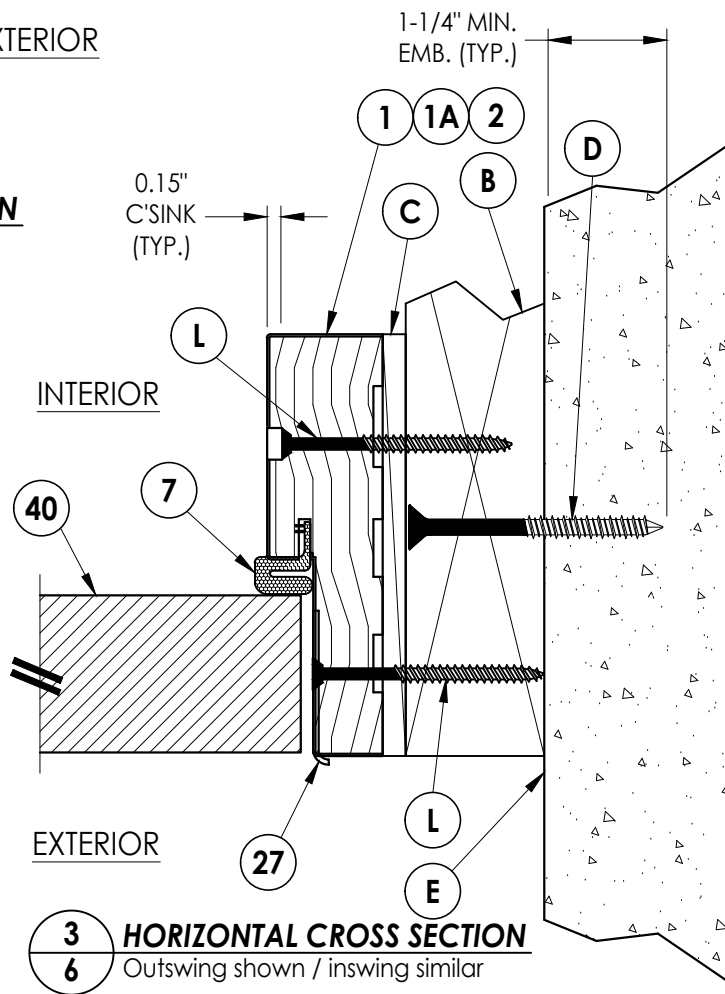
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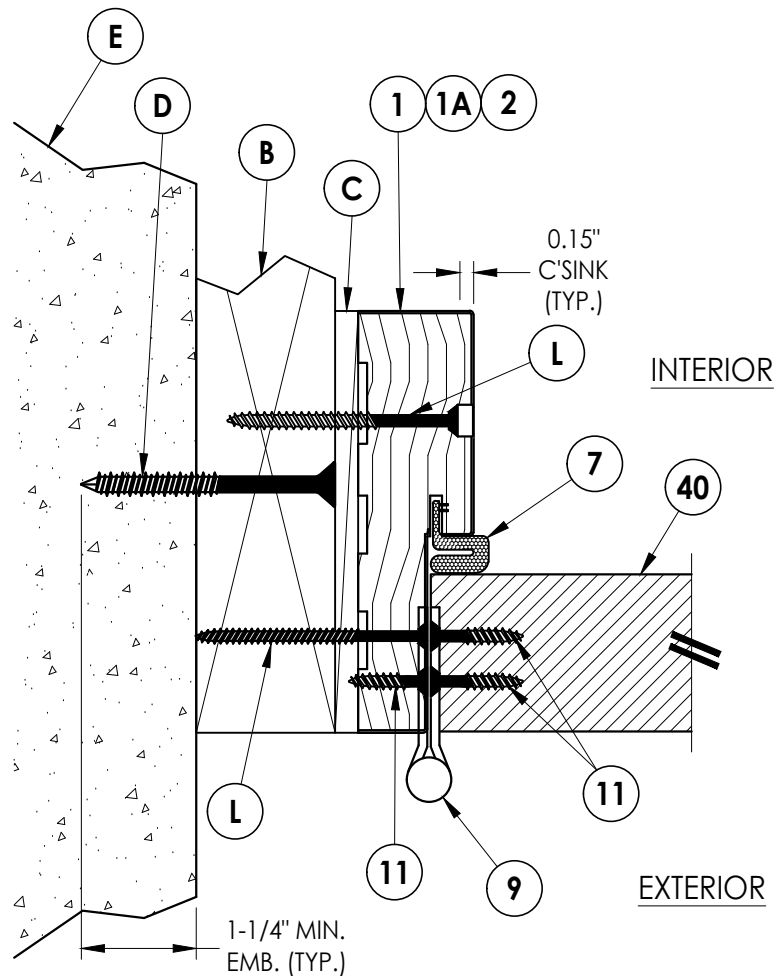
1
6 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

Note:

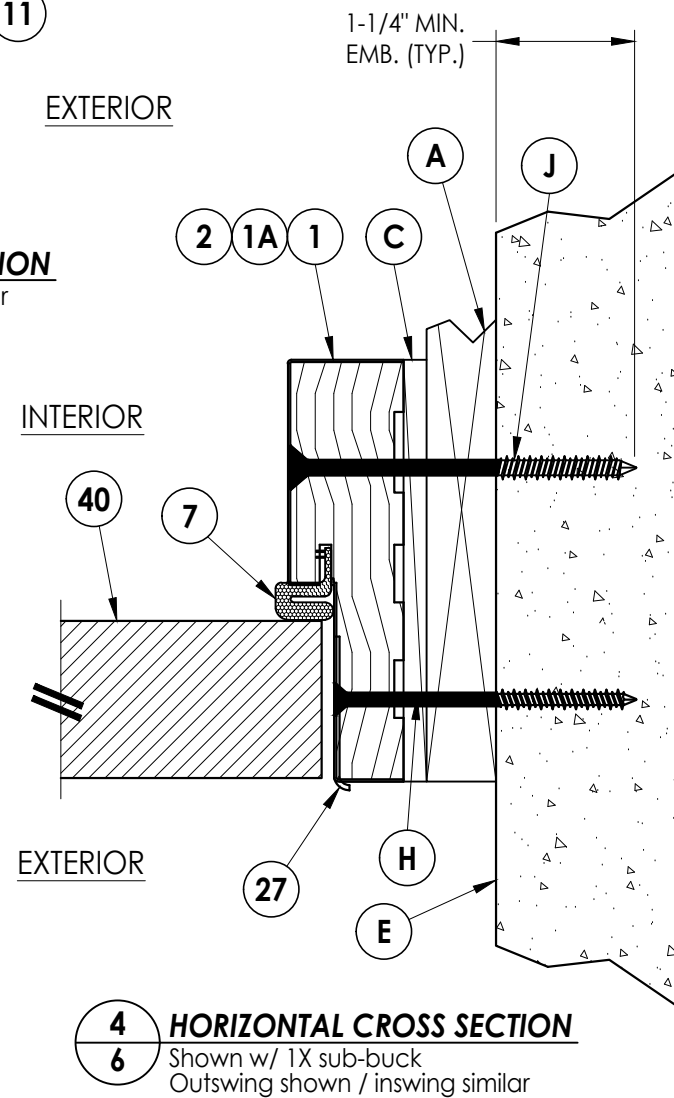
- Sidelite assembly screws located 6" from each end then 5 more equally spaced (7 total).



3
6 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar



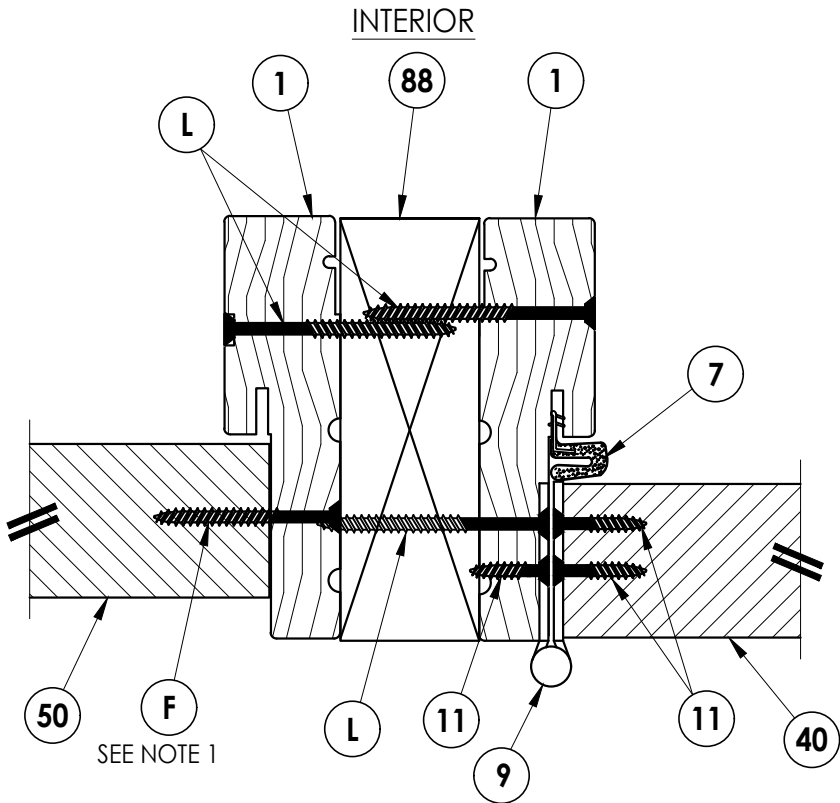
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6 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar



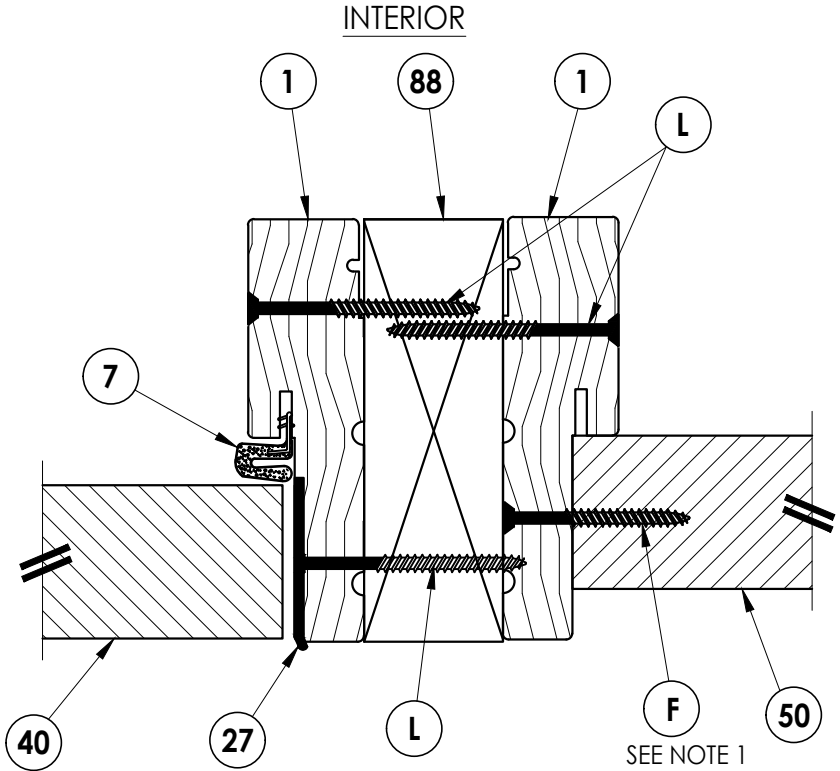
4
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown / inswing similar

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: ENDURA		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ODL ALUM LITE FRAME	LFS
3	8/03/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	12/07/15	REVISED COMPONENTS	LFS
NO.	DATE	REVISIONS	
DATE: 10/27/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15384.10			
SHEET 6 OF 15			

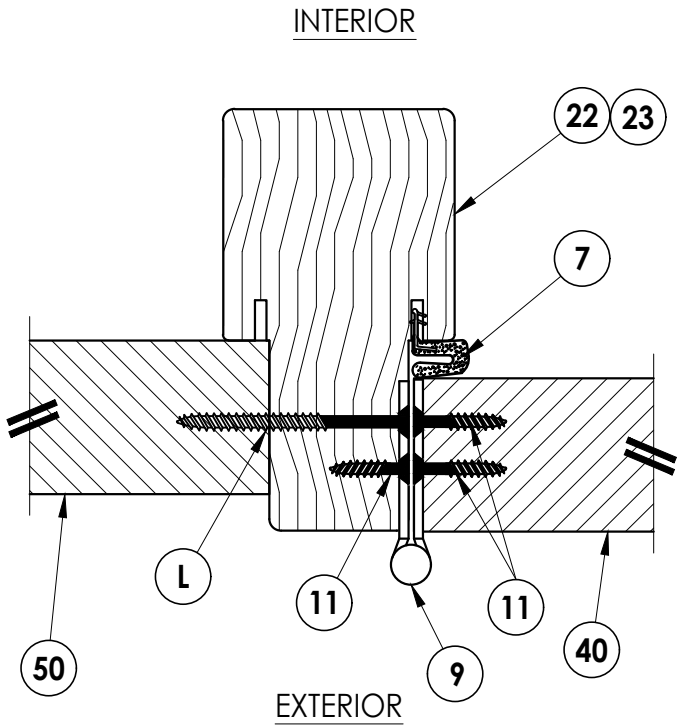
G:\2023 FBC Drawings 7.1.26\Endura Products\FL-15384 R11\FL-15384.10.dwg



1
7 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

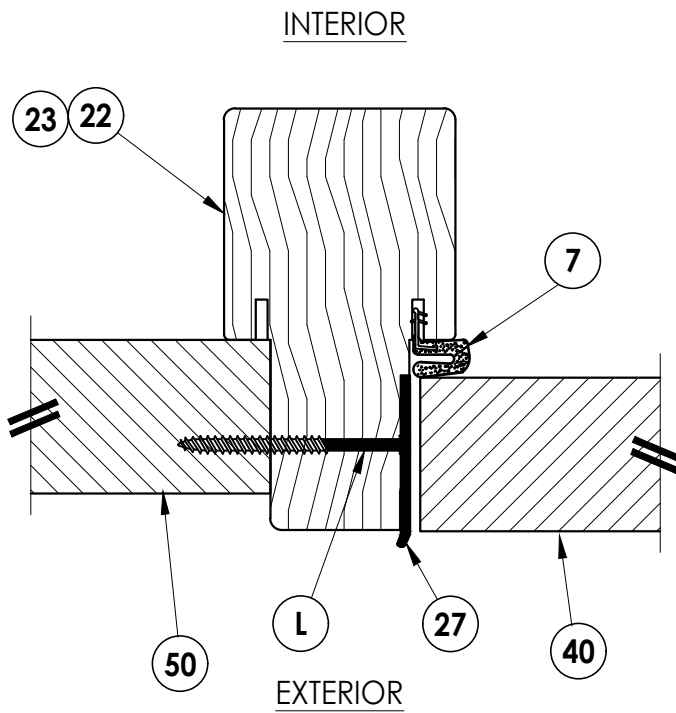


2
7 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar



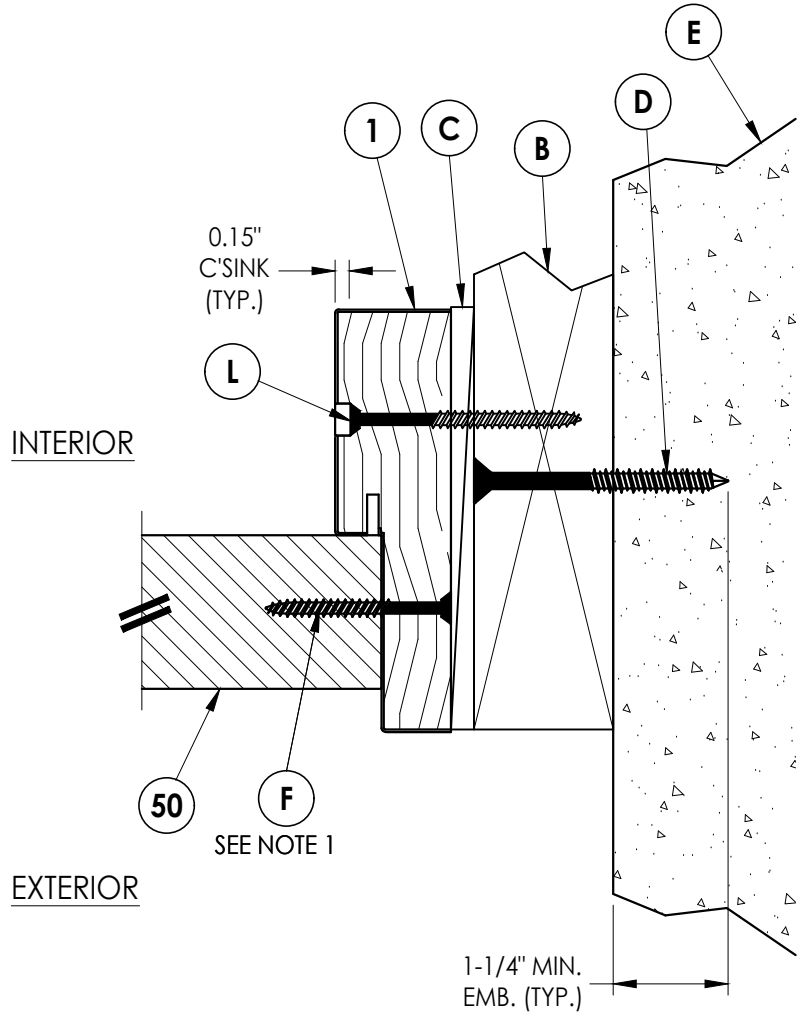
3
7 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

Note:
1. Sidelite assembly screws located
6" from each end then 5 more
equally spaced (7 total).

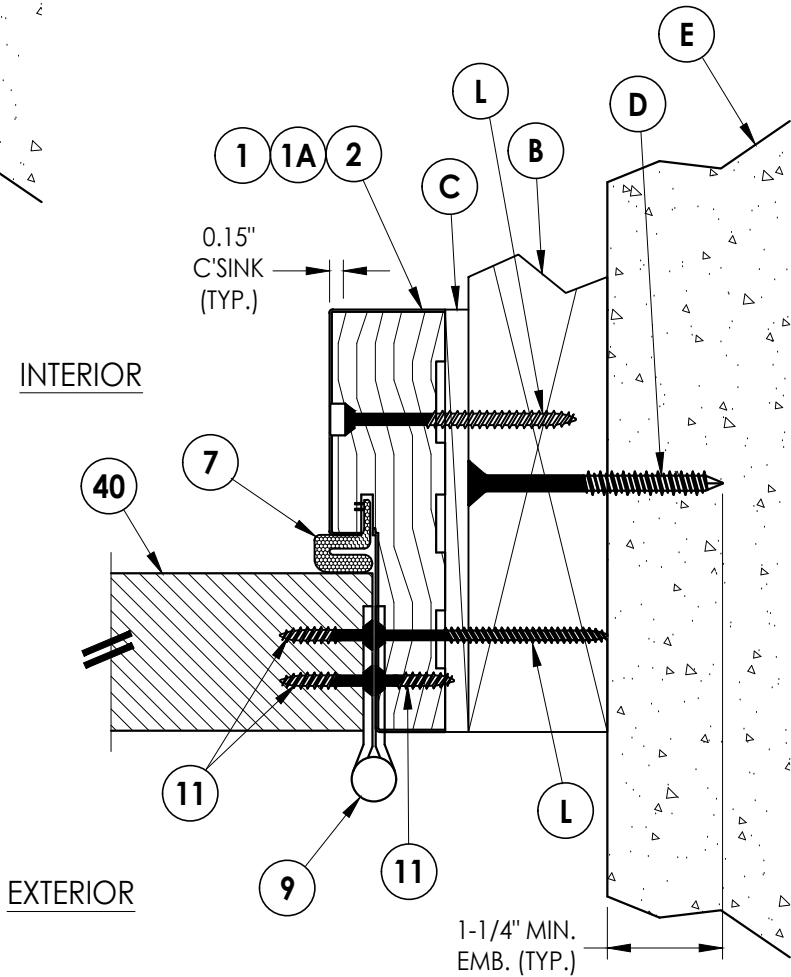


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7 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

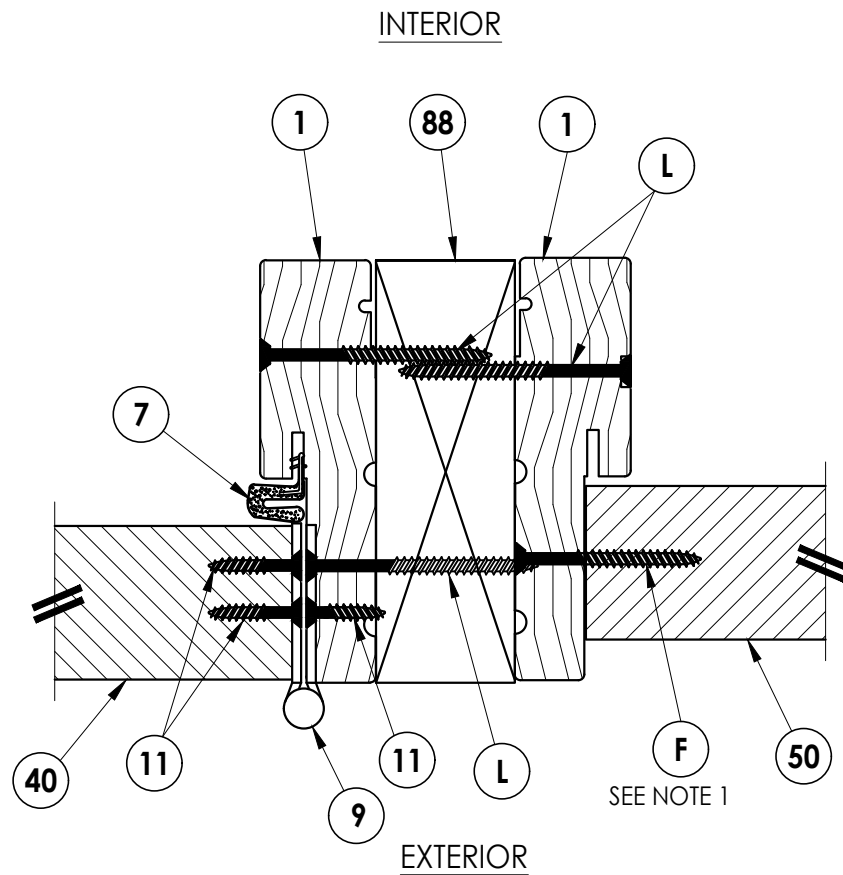
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
PRODUCT: ENDURA					PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS				
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS				
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
		& REVISE ODL ALUM LITE FRAME	FRAME						
3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS					
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS					
1	12/07/15	REVISED COMPONENTS		LFS					
NO.	DATE			BY					
DATE: 10/27/15									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15384.10									
SHEET 7 OF 15									



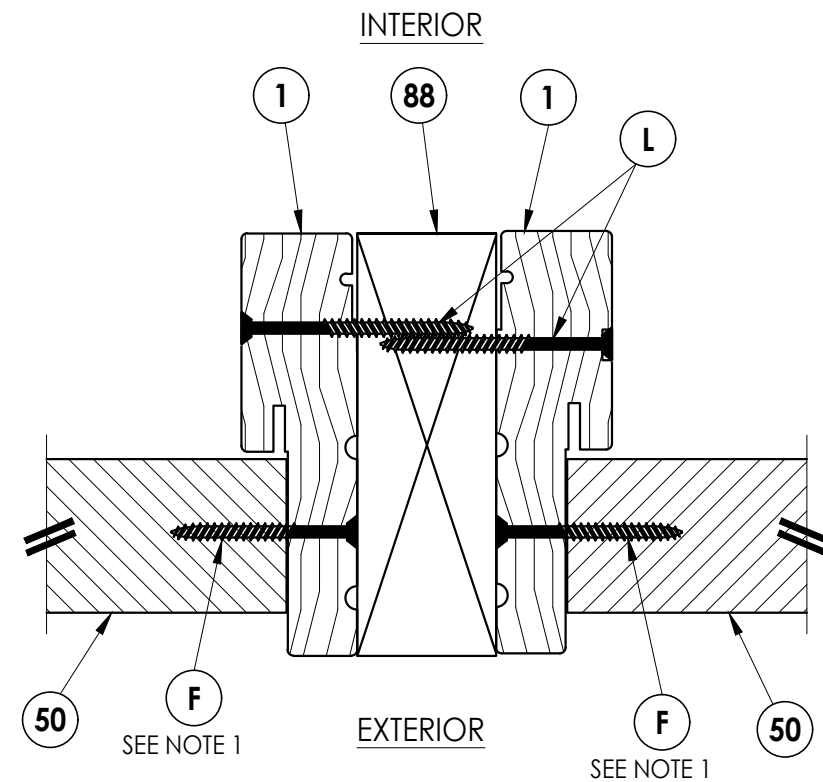
1
8 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar



2
8 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar



3
8 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

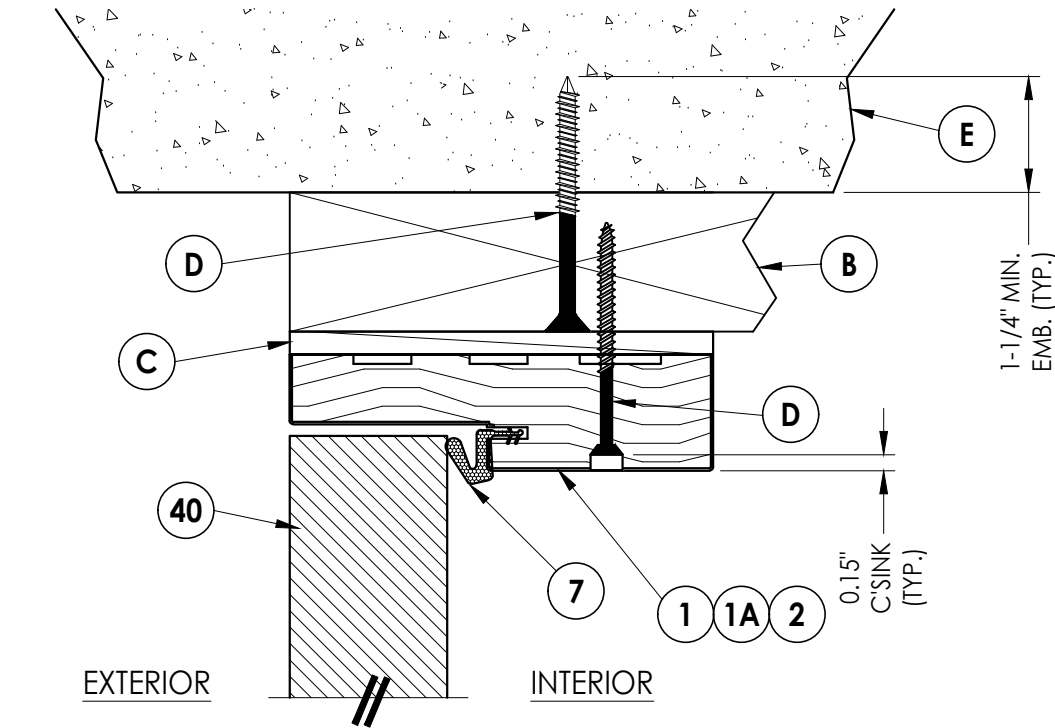


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8 **HORIZONTAL CROSS SECTION**
Outswing shown / inswing similar

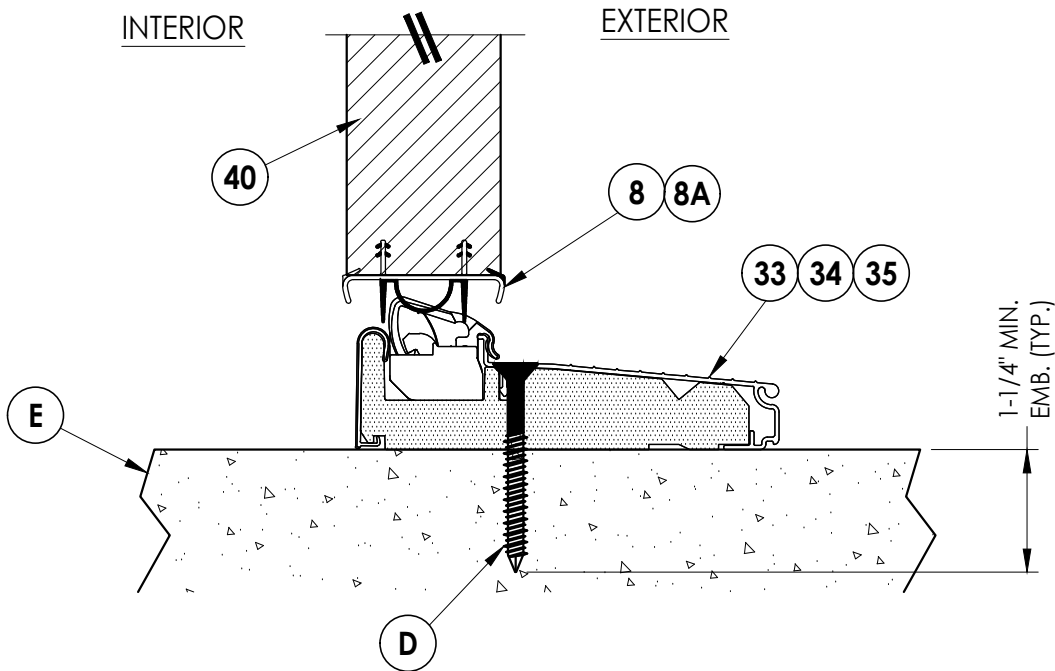
Note:
1. Sidelite assembly screws located
6\"/>

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		
PRODUCT:		ENDURA		
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS		
LFS	5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
LFS	4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
			& REVISE ODL ALUM LITE FRAME	
LFS	3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC
LFS	2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC
LFS	1	12/07/15	REVISED COMPONENTS	
	NO.	DATE		BY
REVISIONS				
DATE: 10/27/15				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15384.10				
SHEET 8 OF 15				

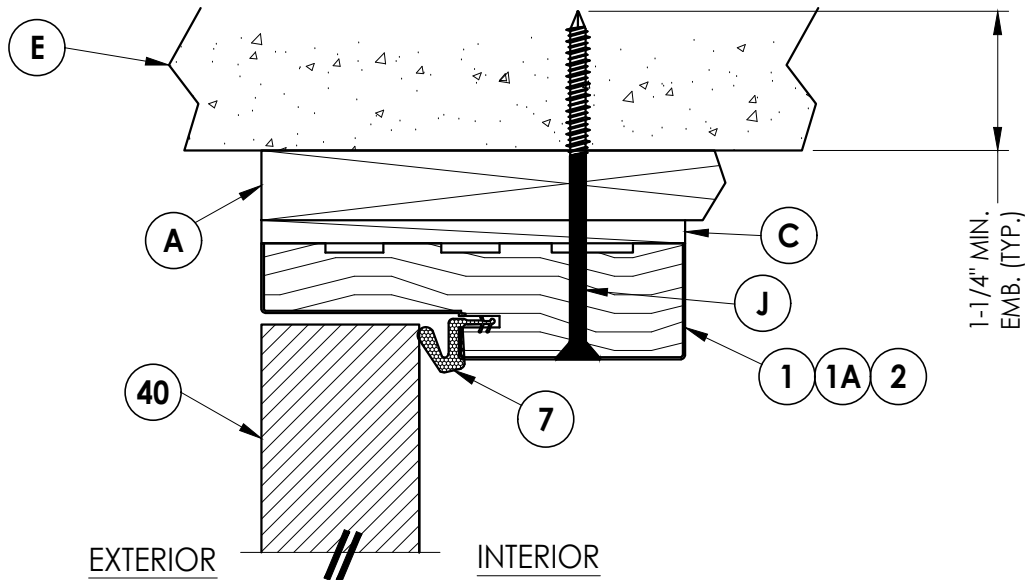
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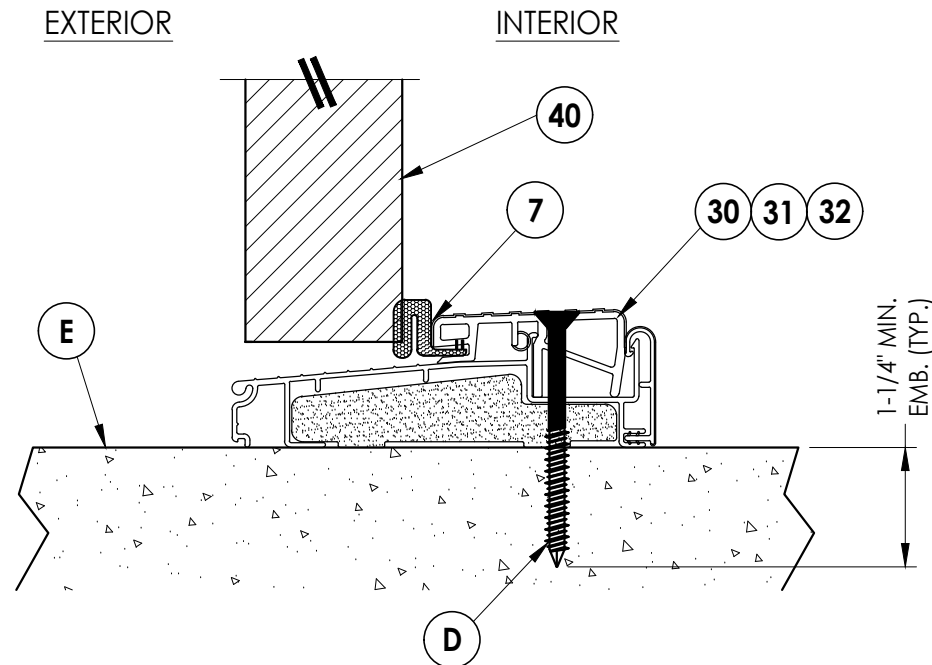
1 VERTICAL CROSS SECTION
9 Outswing shown / inswing similar



3 VERTICAL CROSS SECTION
9 (Inswing)

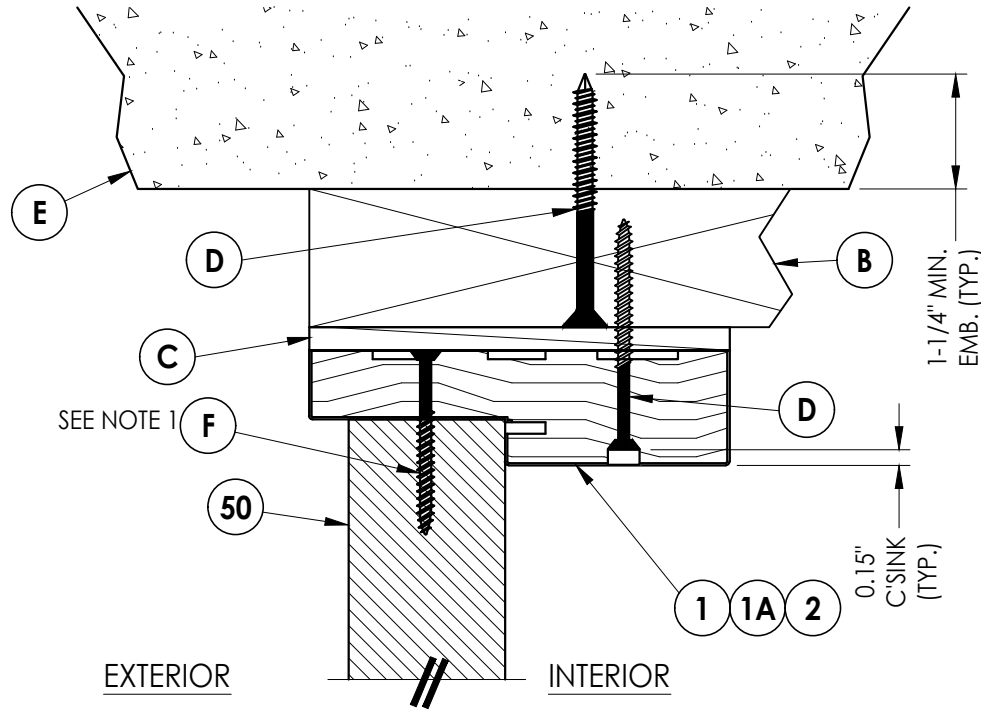


2 VERTICAL CROSS SECTION
9 Shown w/1X sub-buck
Outswing shown / inswing similar

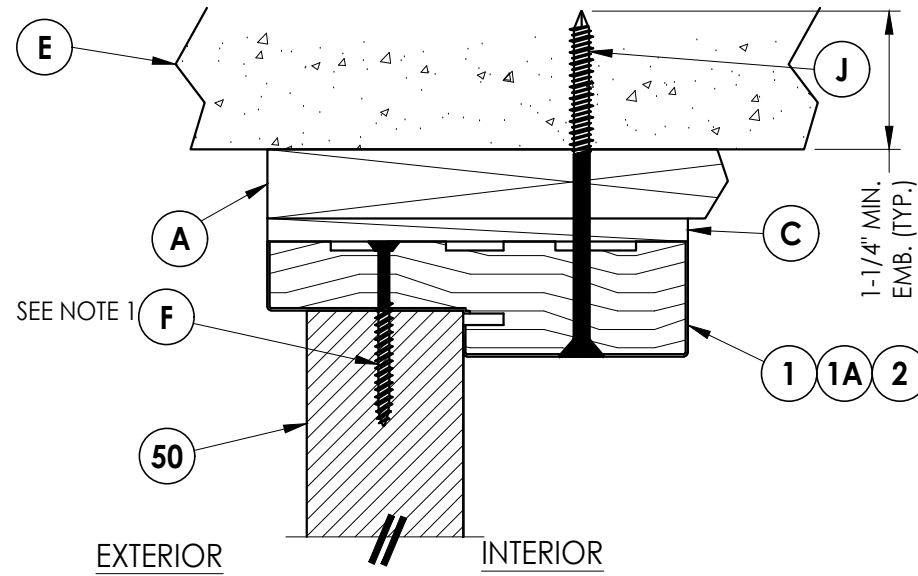


4 VERTICAL CROSS SECTION
9 (Outswing)

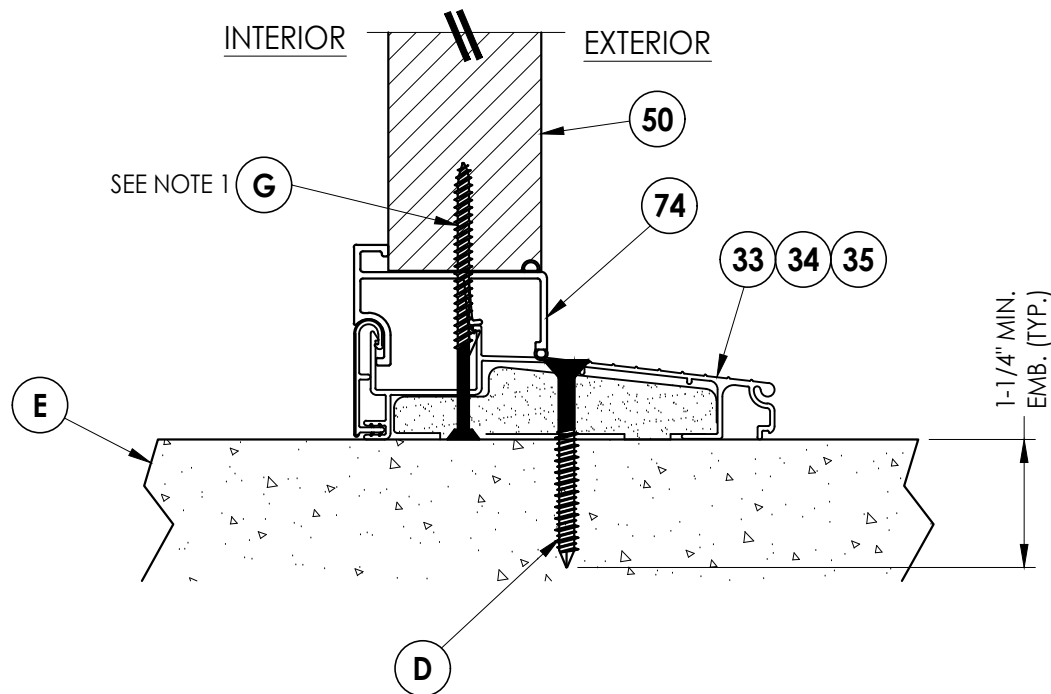
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT: ENDURA		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
		& REVISE ODL ALUM LITE FRAME		
3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	12/07/15	REVISED COMPONENTS		LFS
NO.	DATE			BY
		REVISIONS		
DATE: 10/27/15				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15384.10				
SHEET 9 OF 15				



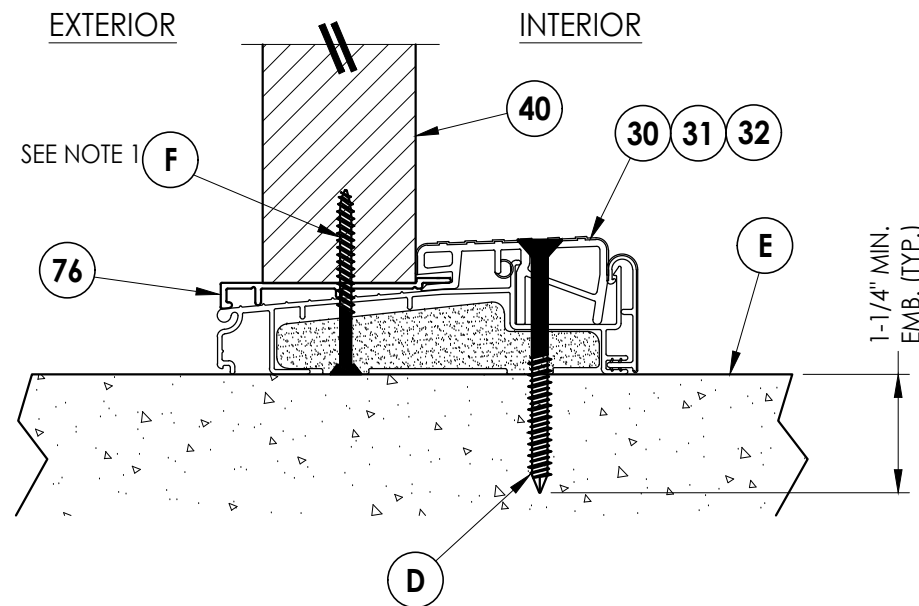
1
10 **VERTICAL CROSS SECTION**
Outswing shown / inswing similar



2
10 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck
Outswing shown / inswing similar



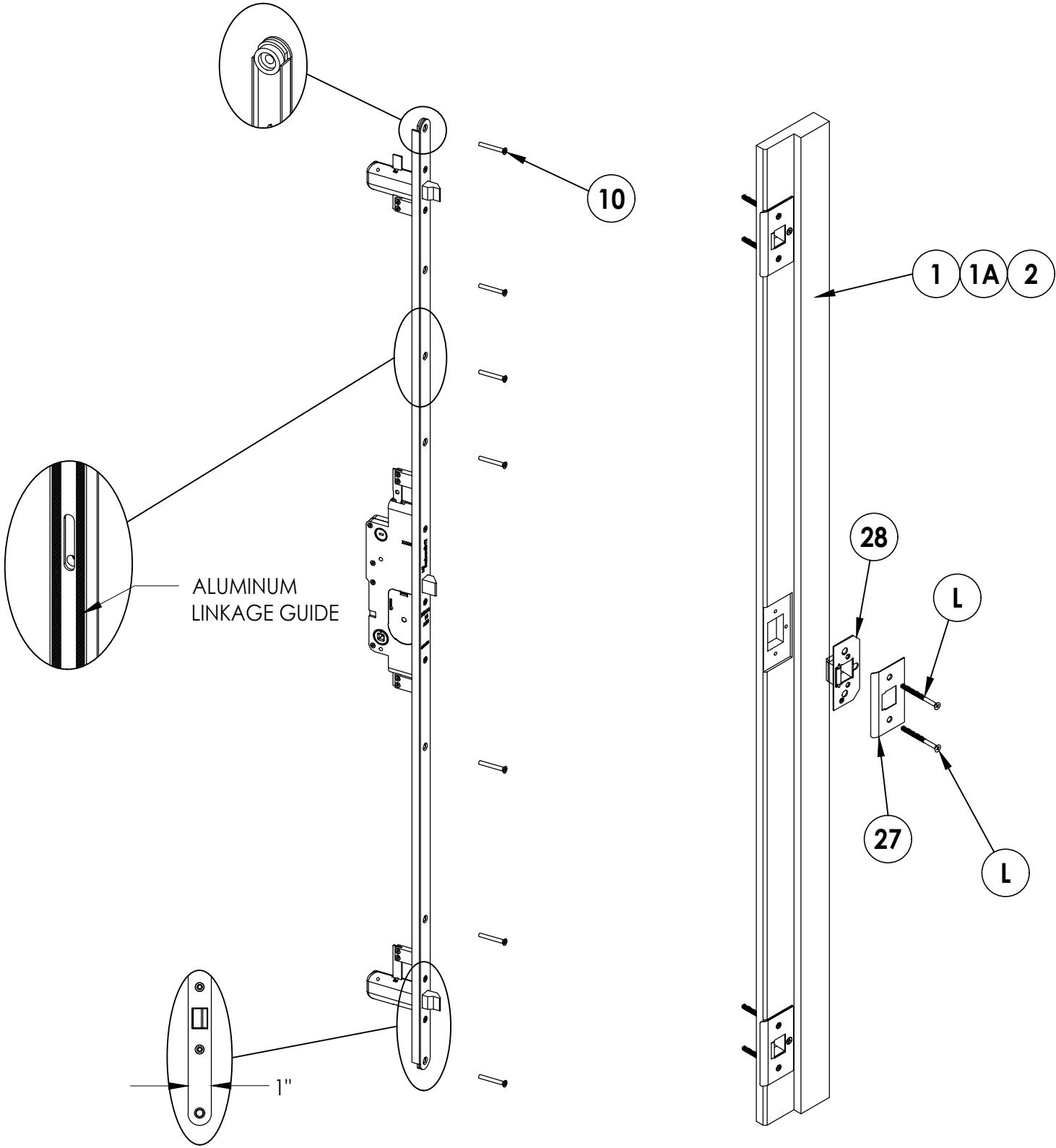
3
10 **VERTICAL CROSS SECTION**
(Inswing)



4
10 **VERTICAL CROSS SECTION**
(Outswing)

NOTE:
1. Spacing for item H is 6" from each end (2 total).

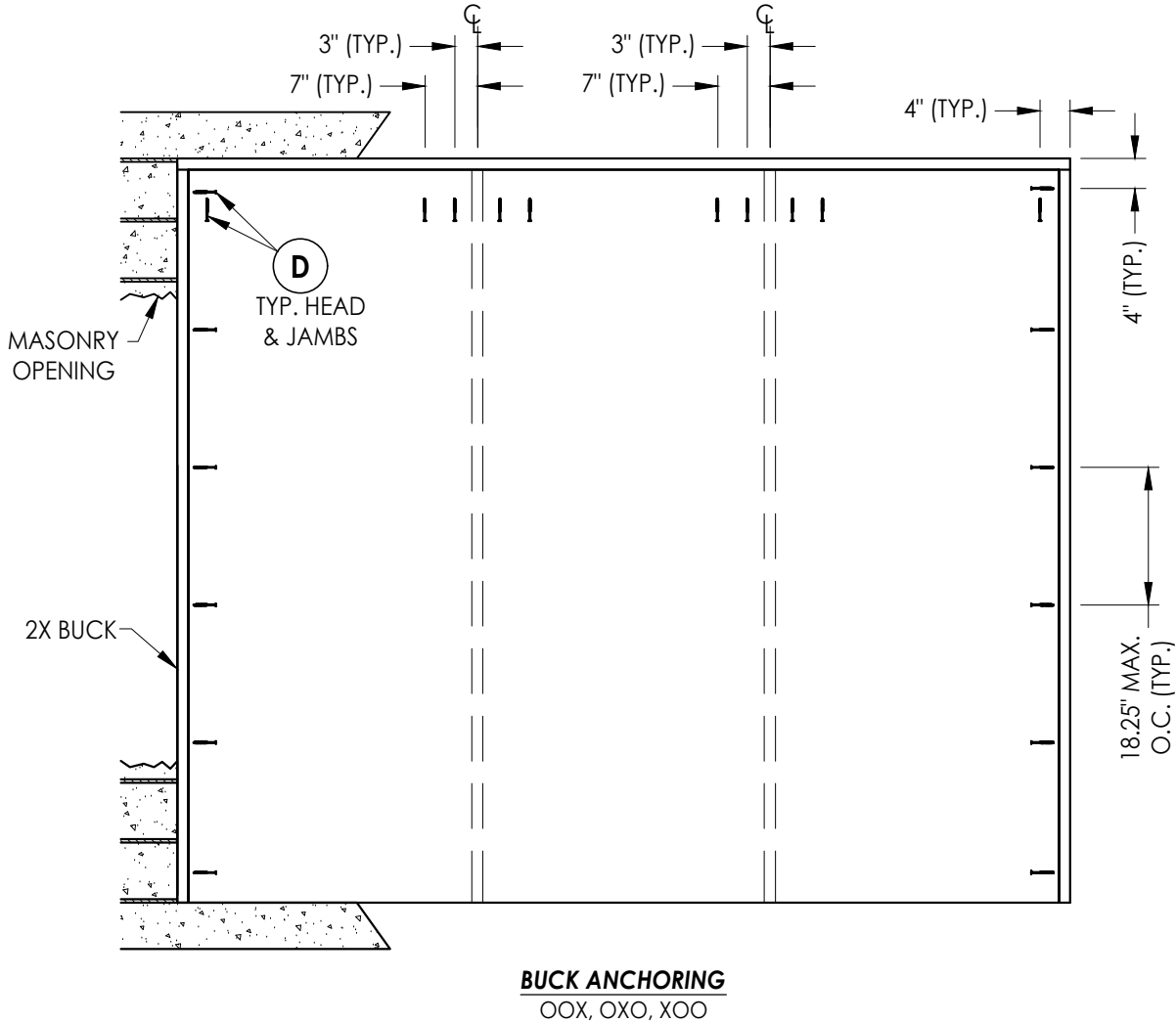
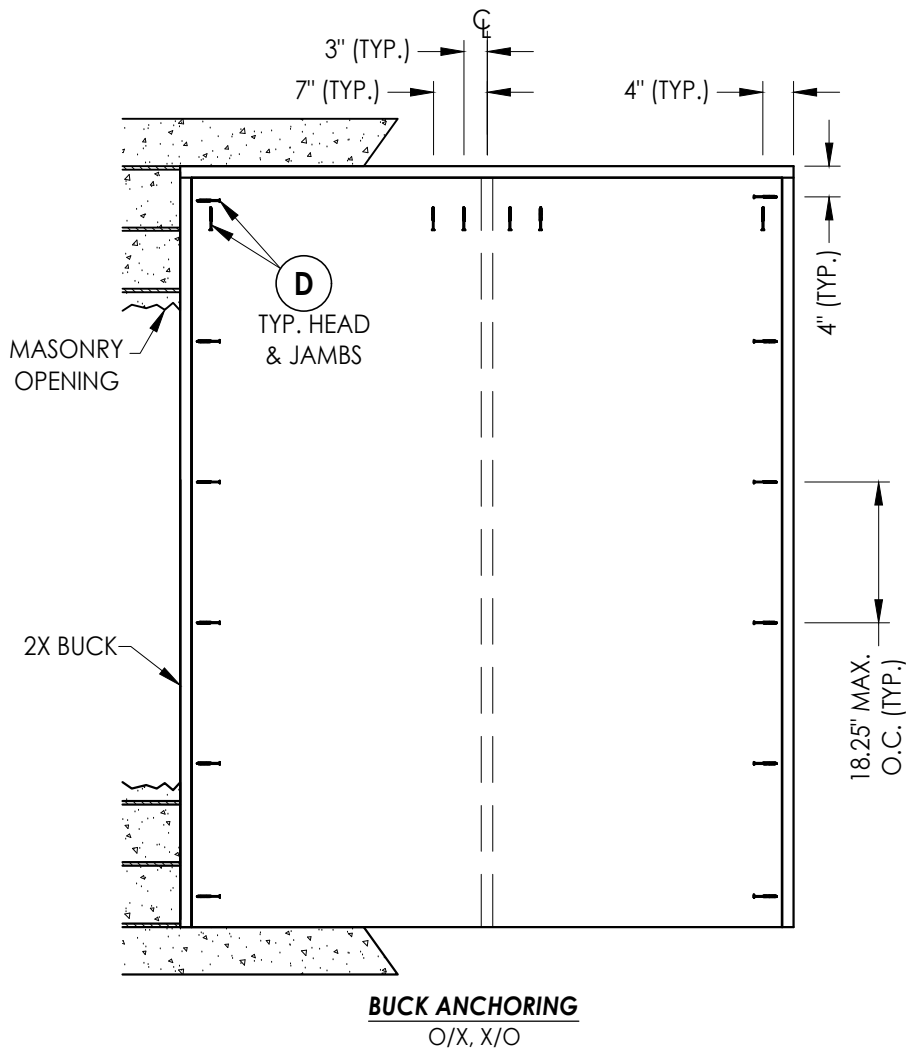
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: ENDURA		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
LFS	FBC	LFS	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026)	BY
4	7/06/23	UPDATE TO 8TH ED. (2023)	
		& REVISE ODL ALUM LITE FRAME	
3	8/03/20	UPDATE TO 7TH ED. (2020)	
2	9/26/17	UPDATE TO 6TH ED. (2017)	
1	12/07/15	REVISED COMPONENTS	
NO.	DATE		
DATE: 10/27/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15384.10			
SHEET 10 OF 15			



3 POINT LOCK

DATE: 10/27/15		5		7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	PRODUCT: ENDURA		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		4		7/06/23	UPDATE TO 8TH ED. (2023) & REVISE ODL ALUM LITE FRAME	FBC	LFS			RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK		3		8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	PART OR ASSEMBLY: LOCK SET DETAILS			
CHK. BY: LFS		2		9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS				
DRAWING NO.: FL-15384.10		1		12/07/15	REVISED COMPONENTS		LFS				
SHEET 11 OF 15		NO.		DATE			BY				
						REVISIONS					

G:\2023 FBC Drawings 7.1.26\Endura Products\FL-15384 R11\FL-15384.10.dwg



NOTE: 36" SIDELITE ANCHORING SHOWN
(14" SIDELITE ANCHORING SIMILAR)

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. 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.
- 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.

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:
ENDURA

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	8/03/20	& REVISE ODL ALUM LITE FRAME
2	9/26/17	UPDATE TO 7TH ED. (2020) FBC
1	12/07/15	UPDATE TO 6TH ED. (2017) FBC
		REVISED COMPONENTS
		BY

DATE: 10/27/15

SCALE: N.T.S.

DWG. BY: JK

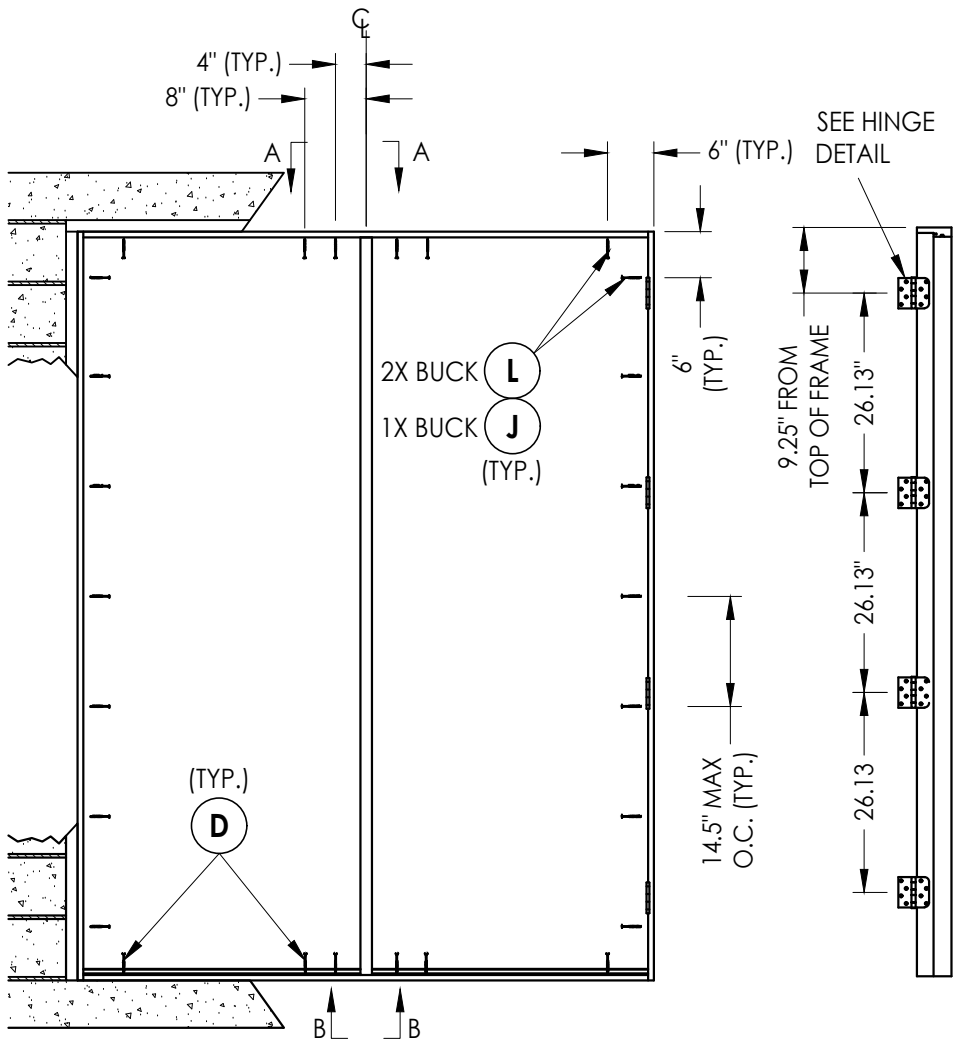
CHK. BY: LFS

DRAWING NO.:

FL-15384.10

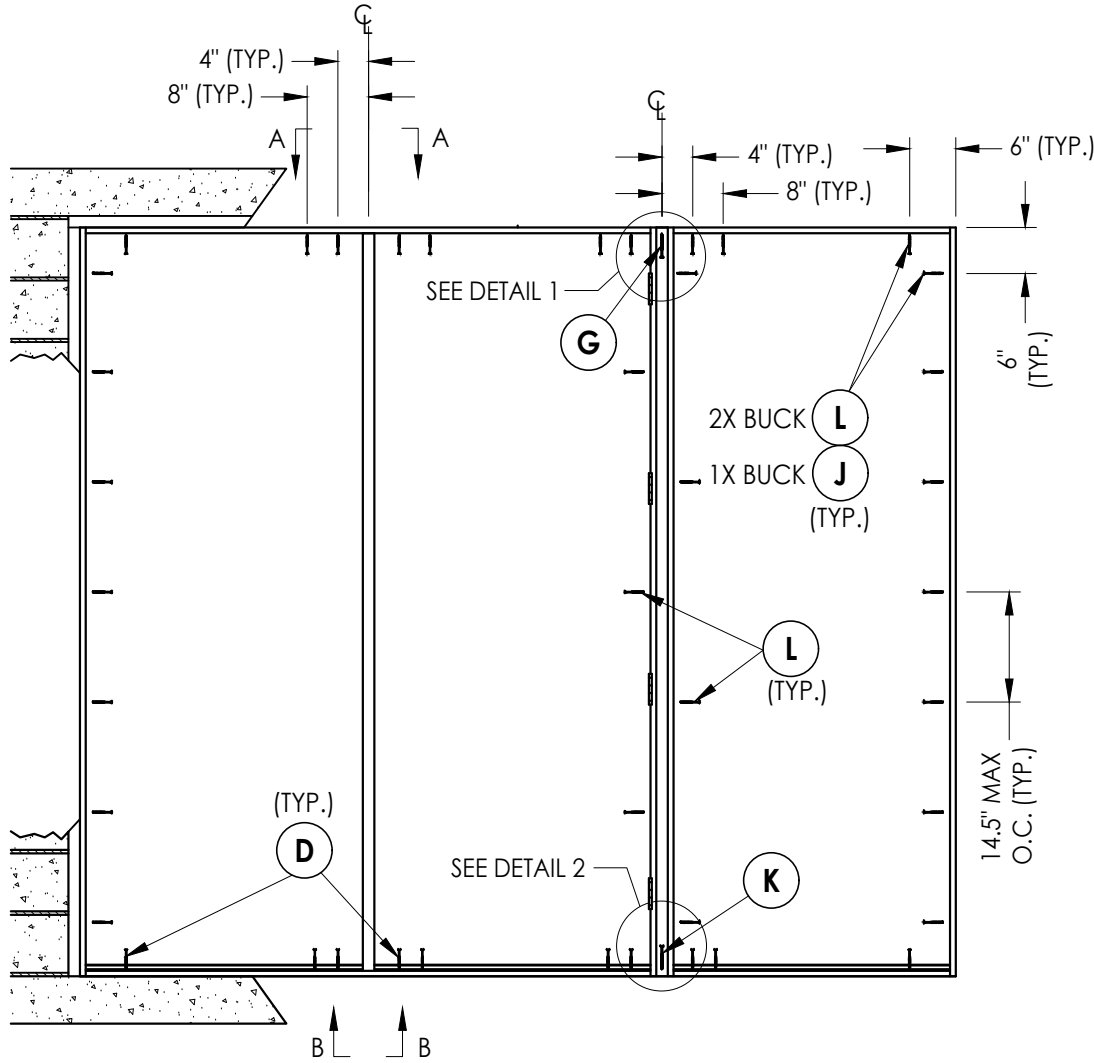
SHEET 12 OF 15

G:\2023 FBC Drawings 7.1.26\Endura Products\FL-15384 R11\FL-15384.10.dwg



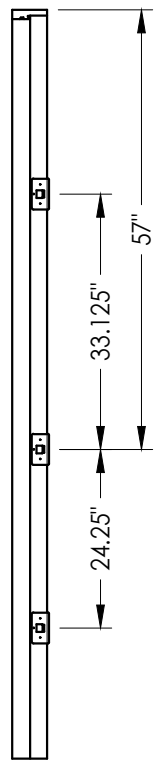
FRAME ANCHORING
O/X, X/O
Integral Mullion

HINGE JAMB



FRAME ANCHORING
OOX, OXO, XOO
Integral Mullion / 2X Reinforcement

STRIKE JAMB



**NOTE: 36" SIDELITE ANCHORING SHOWN
(14" SIDELITE ANCHORING SIMILAR)**

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.

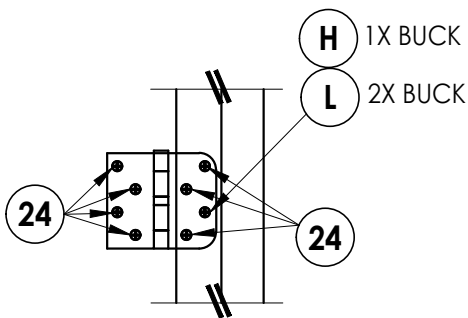
CONCRETE ANCHOR NOTES:

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- 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.
- Concrete anchor table:

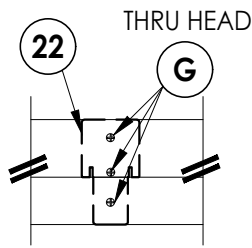
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

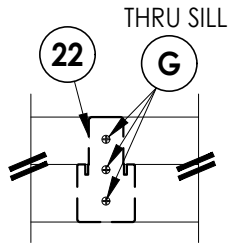
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



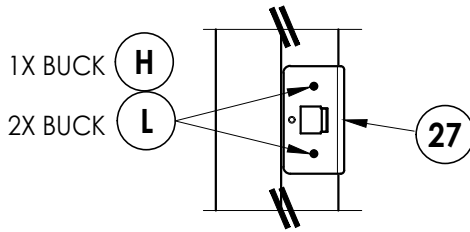
HINGE DETAIL



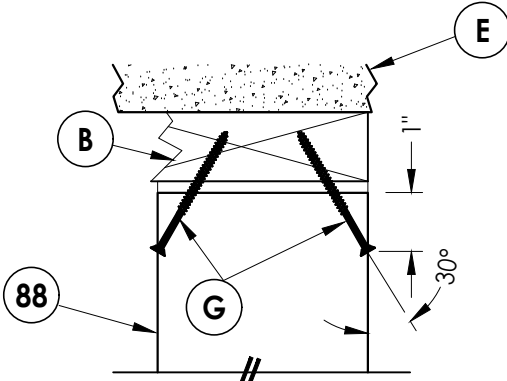
VIEW A-A



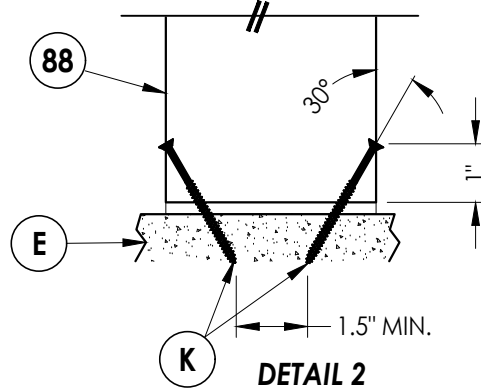
VIEW B-B



STRIKE DETAIL



DETAIL 1



DETAIL 2

NOTE: TOENAIL ANCHORING OF MULLION (SHOWN IN DETAILS 1 & 2) IS NOT REQUIRED FOR 14" SIDELITES.

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:
ENDURA

PART OR ASSEMBLY:
FRAME ANCHORING

	LFS	FBC	2026	9TH ED.	2023	FBC	2020	7TH ED.	2017	FBC	2015	REVISED COMPONENTS	BY
5				7/01/26				8/03/20					
4				7/06/23				9/26/17					
3													
2													
1													
NO.													
DATE													

REVISIONS

DATE: 10/27/15

SCALE: N.T.S.

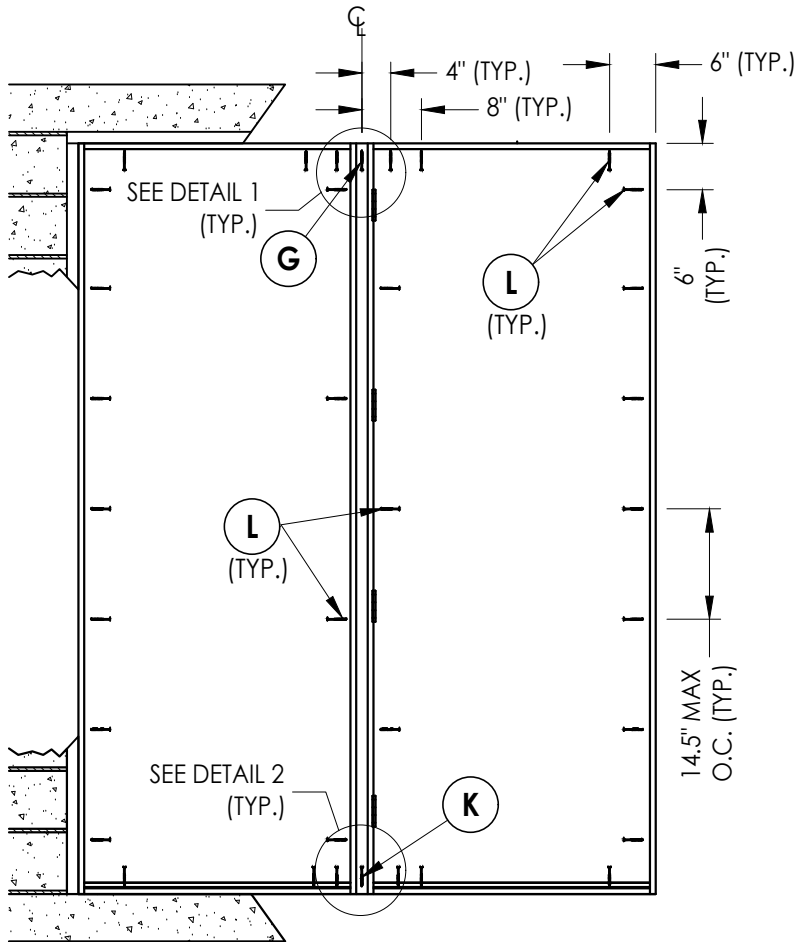
DWG. BY: JK

CHK. BY: LFS

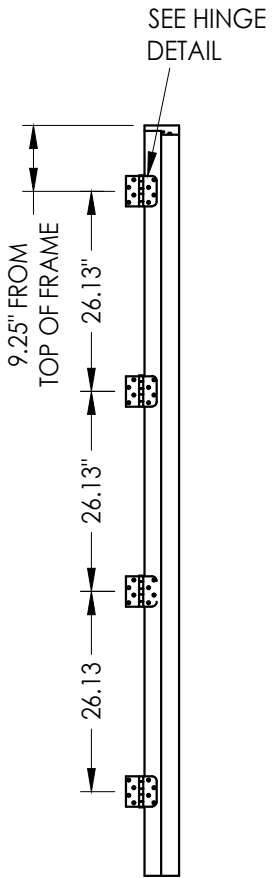
DRAWING NO.: FL-15384.10

SHEET 13 OF 15

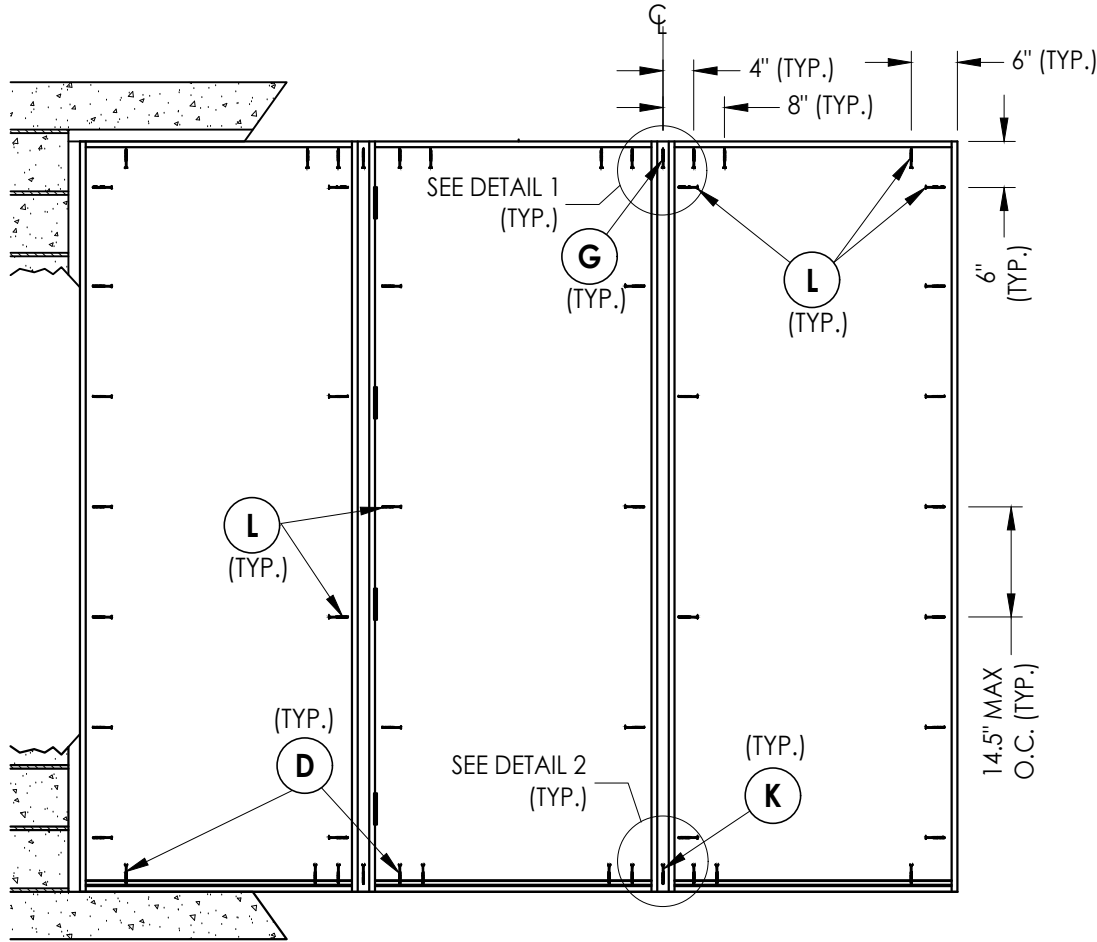
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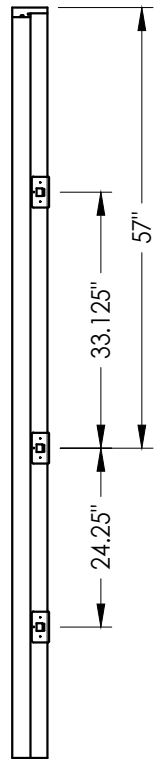
FRAME ANCHORING
O/X, X/O
2X Reinforcement



HINGE JAMB



FRAME ANCHORING
OOX, OXO, XOO
2X Reinforcement



STRIKE JAMB

NOTE: 36" SIDELITE ANCHORING SHOWN
(14" SIDELITE ANCHORING SIMILAR)

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

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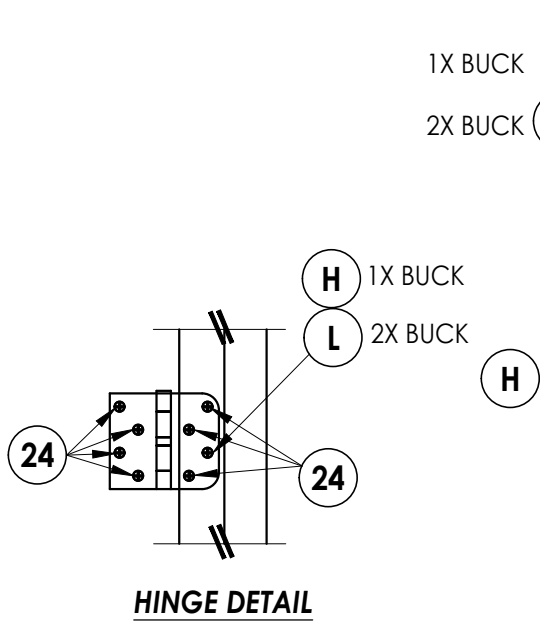
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- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

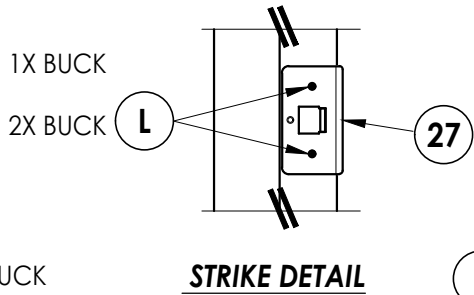
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
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WOOD SCREW INSTALLATION NOTES:

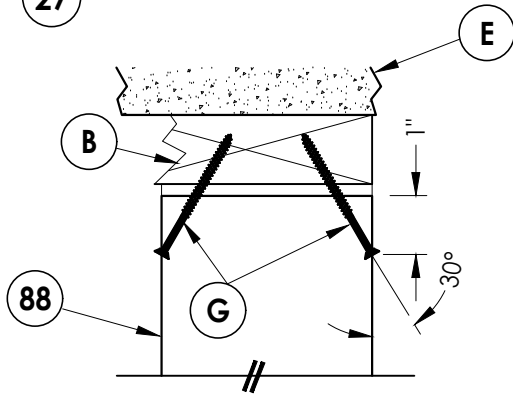
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



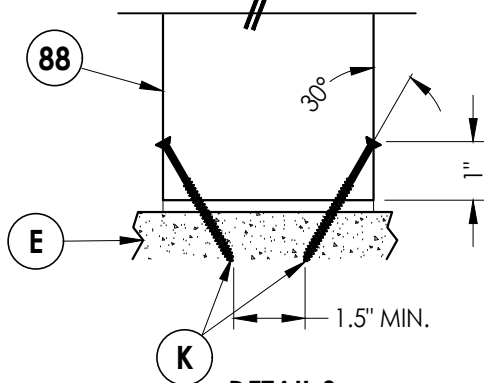
HINGE DETAIL



STRIKE DETAIL



DETAIL 1



DETAIL 2

NOTE: TOENAIL ANCHORING OF MULLION (SHOWN IN DETAILS 1 & 2) IS NOT REQUIRED FOR 14" SIDELITES.

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:
ENDURA
PART OR ASSEMBLY:
FRAME ANCHORING

5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
		& REVISE ODL ALUM LITE FRAME		
3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	12/07/15	REVISED COMPONENTS		LFS
NO.	DATE			BY
REVISIONS				

DATE: 10/27/15

SCALE: N.T.S.

DWG. BY: JK

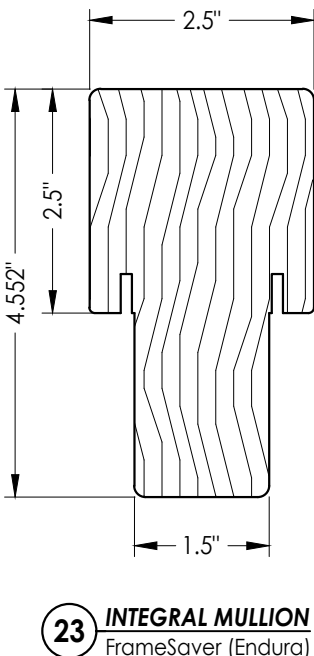
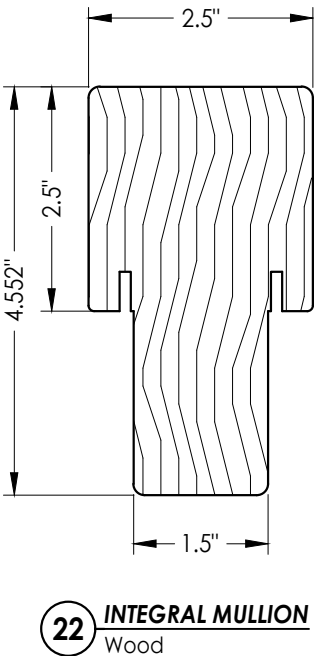
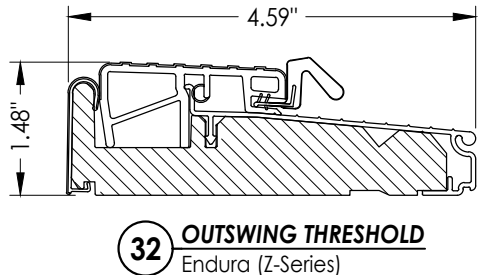
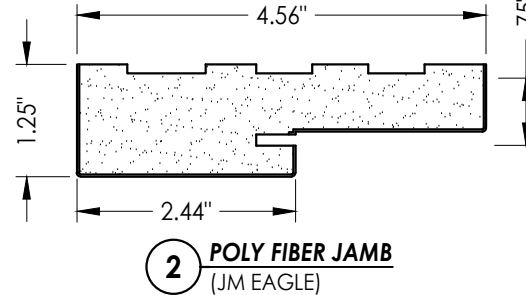
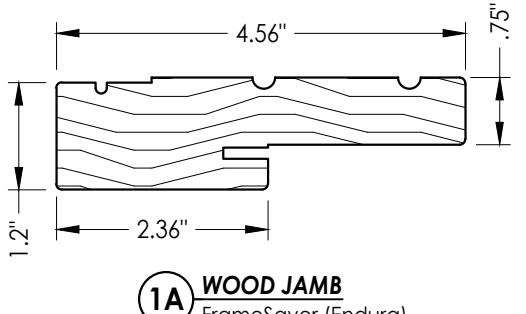
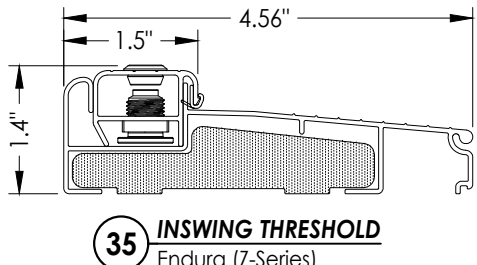
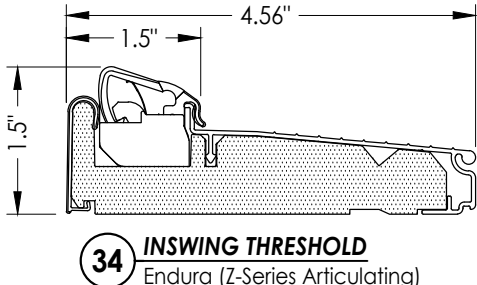
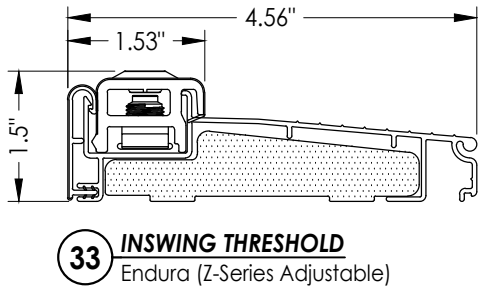
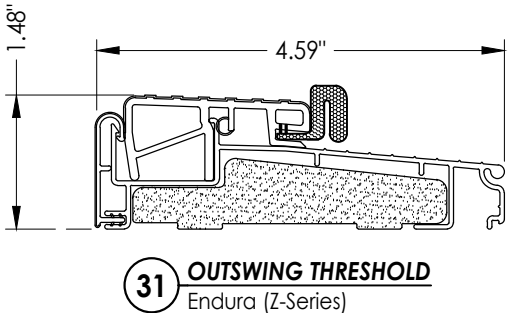
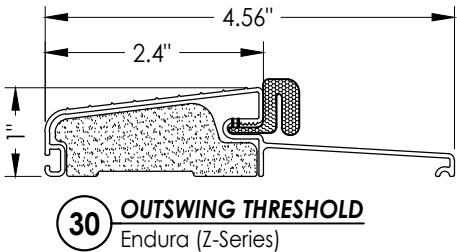
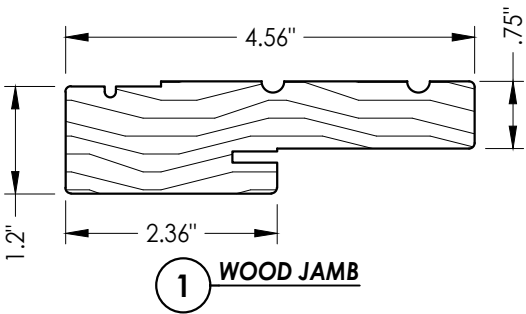
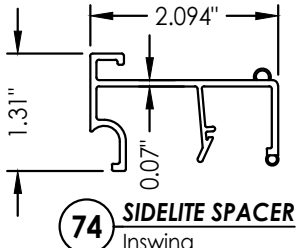
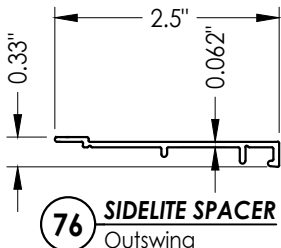
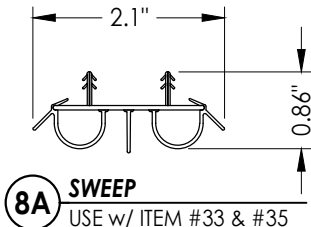
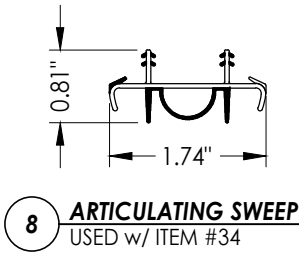
CHK. BY: LFS

DRAWING NO.: FL-15384.10

SHEET 14 OF 15

G:\2023 FBC Drawings 7.1.26\Endura Products\FL-15384 R11\FL-15384.10.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
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	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2" PFH WOOD SCREW	STEEL
G	#10 X 3" PFH WOOD SCREW	STEEL
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	3/16" x 2-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
1	FINGER JOINTED PINE JAMB	WOOD
1A	FINGER JOINTED PINE JAMB (FrameSaver)	WOOD/COMP
2	POLY FIBER JAMB (JM EAGLE)	COMP.
7	WEATHERSTRIP	FOAM
8	ARTICULATING SWEEP	PVC
8A	SWEEP	PVC
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
22	INTEGRAL MULLION (SG >= 0.42)	WOOD
23	INTEGRAL MULLION (SG >= 0.42) (FrameSaver)	WOOD/COMP
27	LATCH STRIKE PLATE	STEEL
28	BACKING PLATE	STEEL
30	OUTSWING THRESHOLD	ALUM/COMP
31	OUTSWING THRESHOLD	ALUM/COMP
32	OUTSWING THRESHOLD	ALUM/COMP
33	INSWING THRESHOLD	ALUM/COMP
34	INSWING THRESHOLD	ALUM/COMP
35	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
74	SIDELITE SPACER (INSWING)	PVC
76	SIDELITE SPACER (OUTSWING)	PVC
88	2X MULLION REINFORCEMENT (SG >= 0.55)	WOOD



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	
PRODUCT: ENDURA		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
		& REVISE ODL ALUM LITE FRAME	
3	8/03/20	UPDATE TO 7TH ED. (2020)	FBC
2	9/26/17	UPDATE TO 6TH ED. (2017)	FBC
1	12/07/15	REVISED COMPONENTS	LFS
NO.	DATE	BY	
REVISIONS			
DATE: 10/27/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15384.10			
SHEET 15 OF 15			