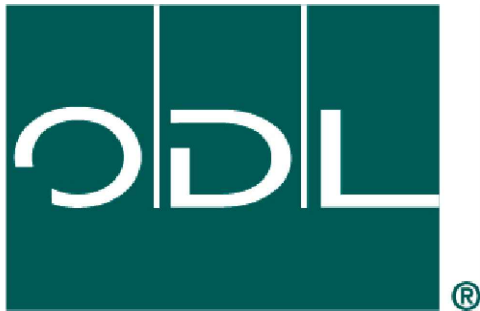




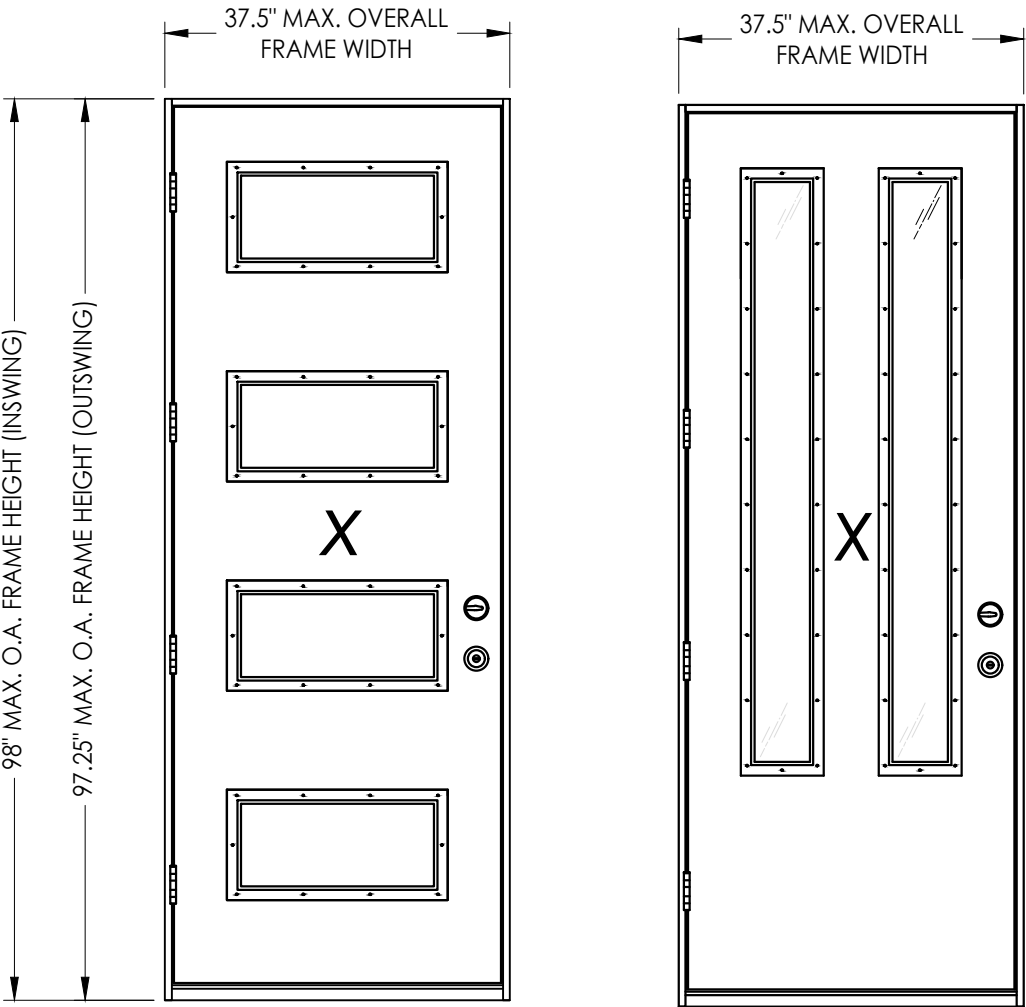
ODL, Inc.

"Spotlights" Lite Frame / Injection-Molded Frame
Inswing / Outswing Fiberglass Door System
"NON-IMPACT"

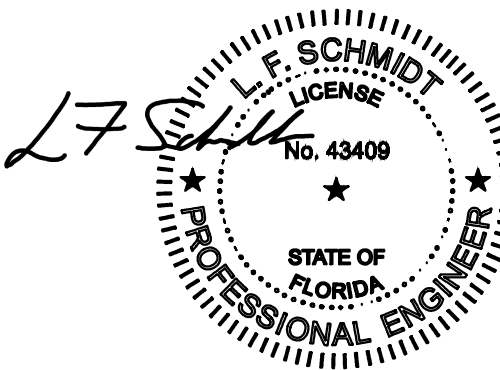
GENERAL NOTES

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	Door panel details
3	Lite Frame and Glazing details
4	Horizontal cross section
5	Vertical cross sections
6	Buck and frame anchoring
7	Bill of materials and components



MAX. FRAME DIMENSION	MAX. LITE FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.5" x 98.0"	24" X 12"	+70.0	-75.0	+70.0	-70.0
37.5" x 98.0"	9" X 66"	+40.0	-50.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.16 07:17:29 -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

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

PRODUCT: ODL

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

REVISIONS

DATE: 4/16/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

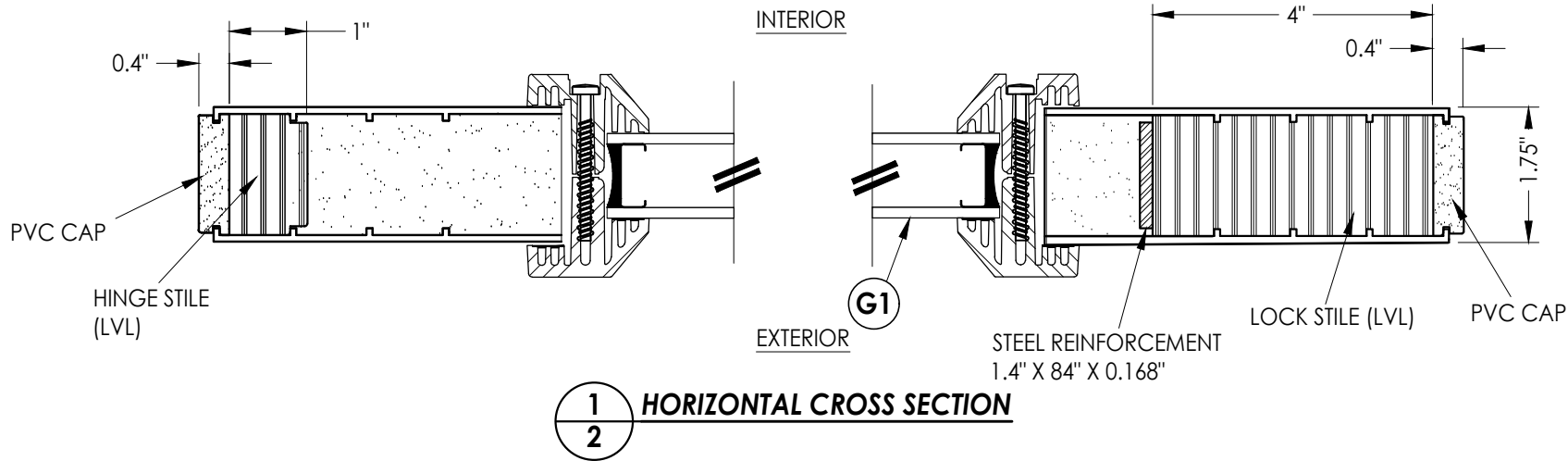
DRAWING NO.: FL-20335.2

SHEET 1 OF 7

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

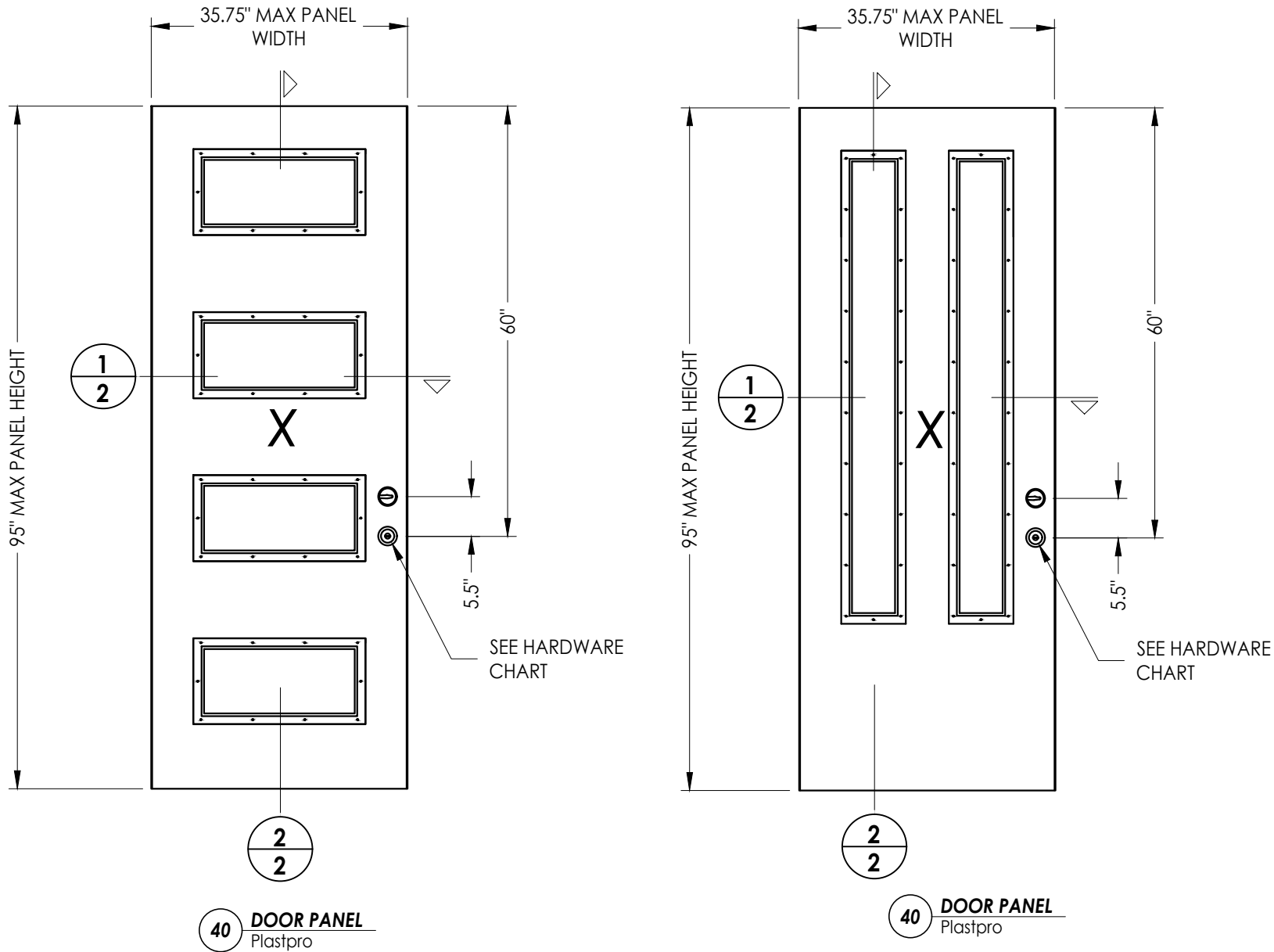
© 2012 R.W. BUILDING CONSULTANTS INC.

G:\ODL\FL-20335 R4\FL-20335.2.dwg



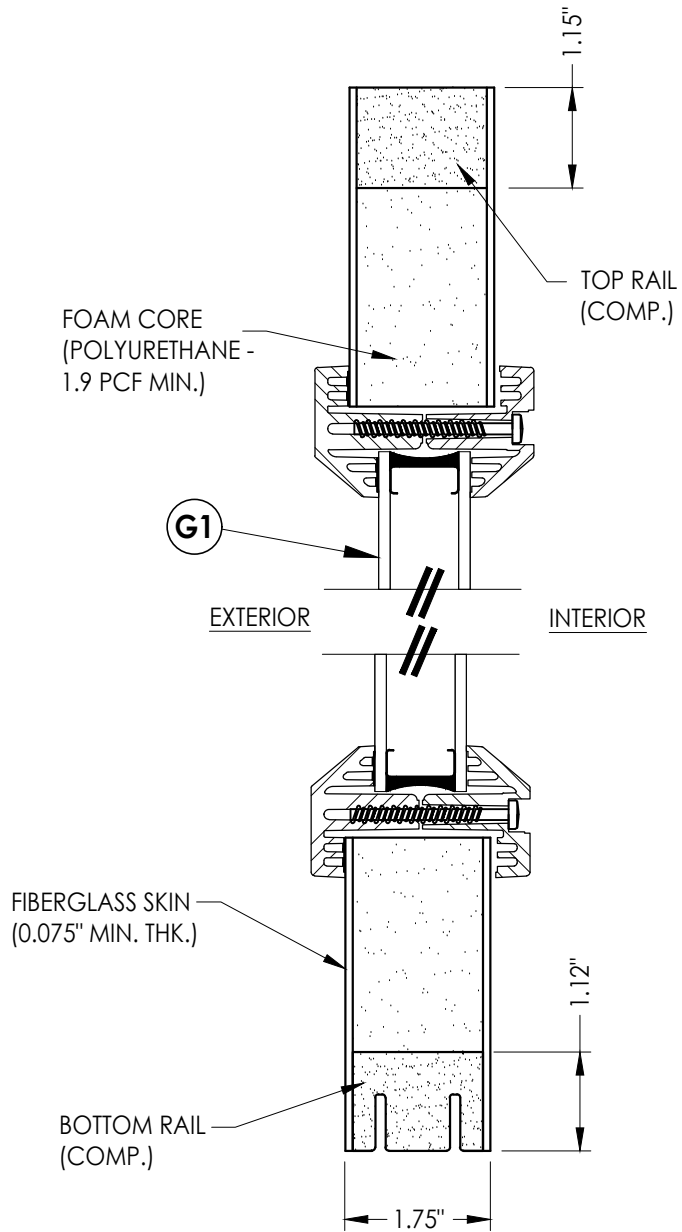
1
2 **HORIZONTAL CROSS SECTION**

HARDWARE CHART	
MANUFACTURER	MODEL
KWIKSET	LOCK: Signature Series DEADBOLT: Signature Series (980)



40 **DOOR PANEL**
Plastpro

40 **DOOR PANEL**
Plastpro



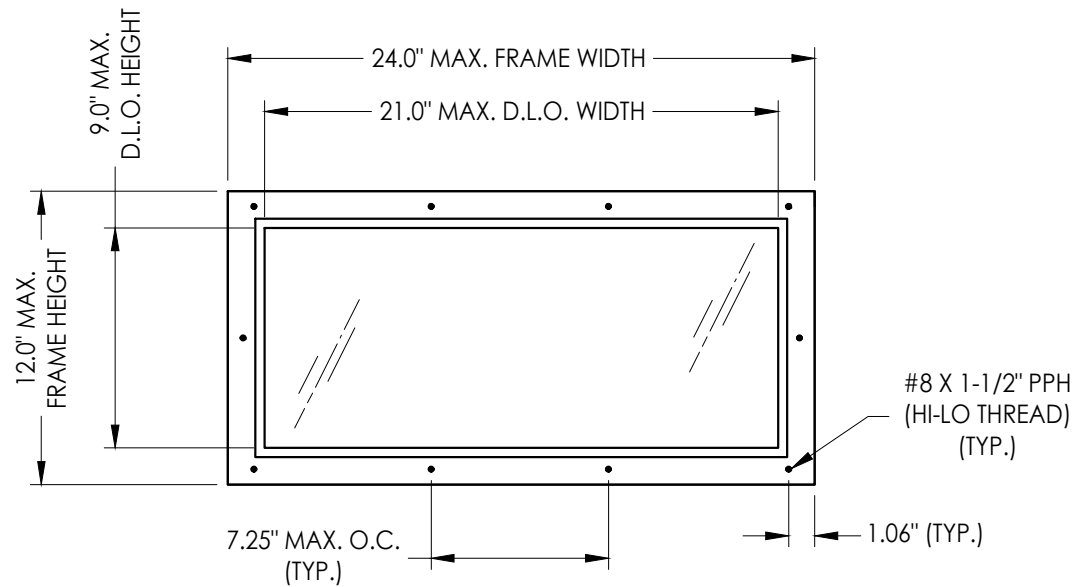
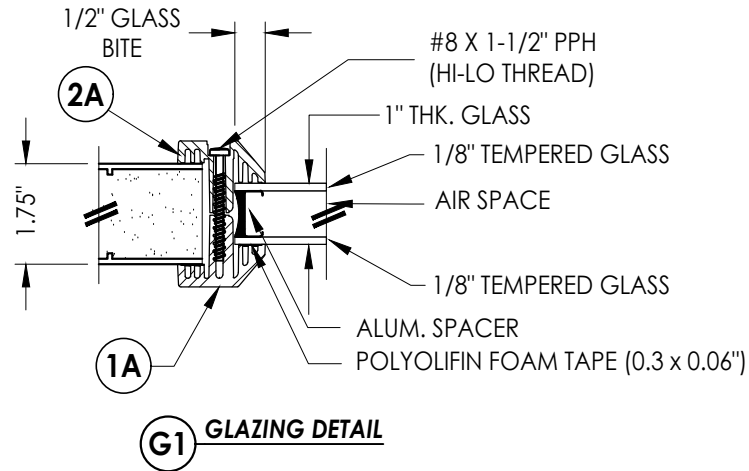
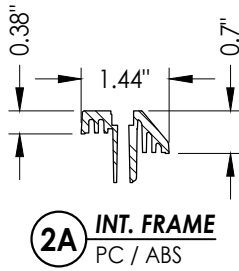
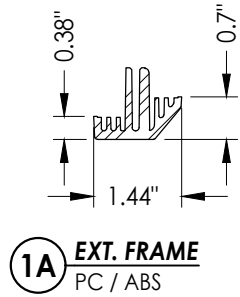
2
2 **VERTICAL CROSS SECTION**

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

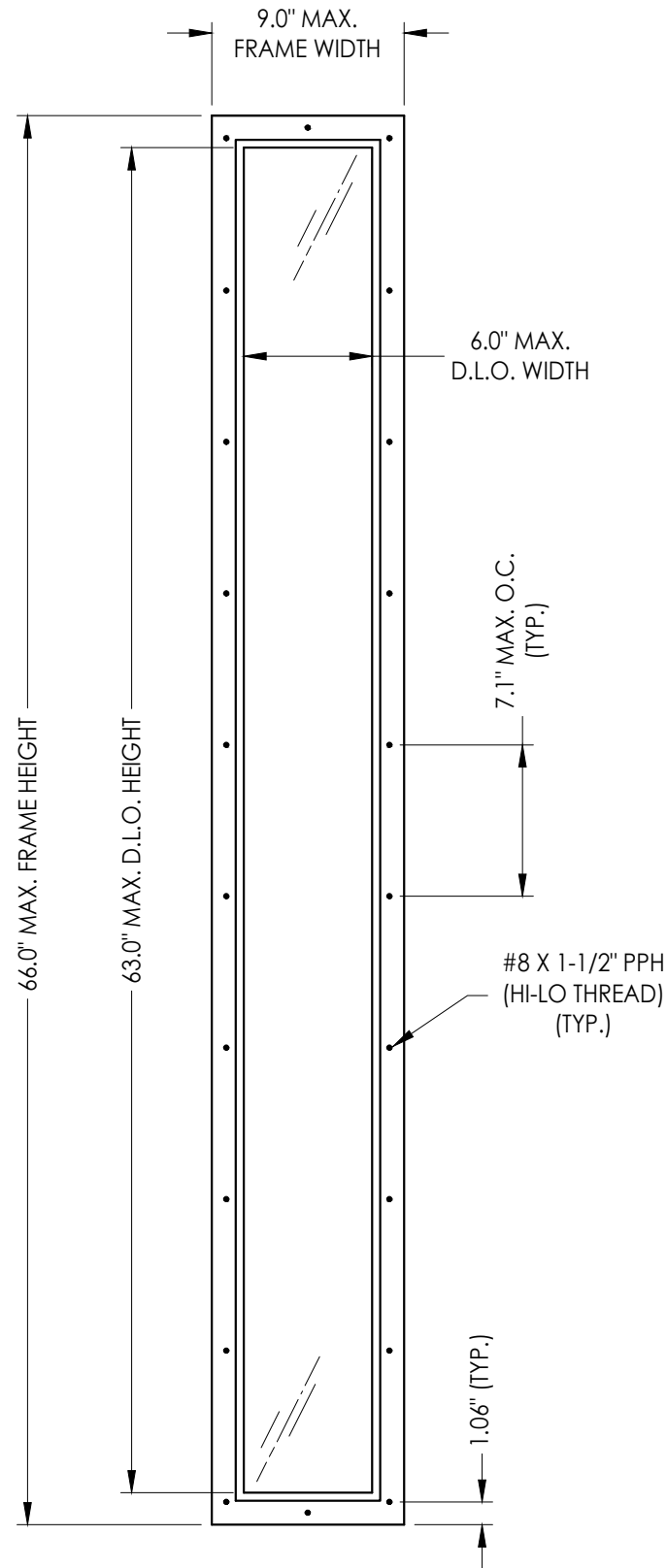
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
ODL		DOOR PANEL DETAILS	
NO.	DATE	REVISIONS	BY
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	8/29/17	UPDATE TO 6TH ED. (2017) FBC	LFS
DATE: 4/16/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20335.2			
SHEET 2 OF 7			

G:\ODL\FL-20335 RA\FL-20335.2.dwg



"Spotlights" Lite Frame System
21.0" X 12.0"



"Spotlights" Lite Frame System
9.0" X 66.0"

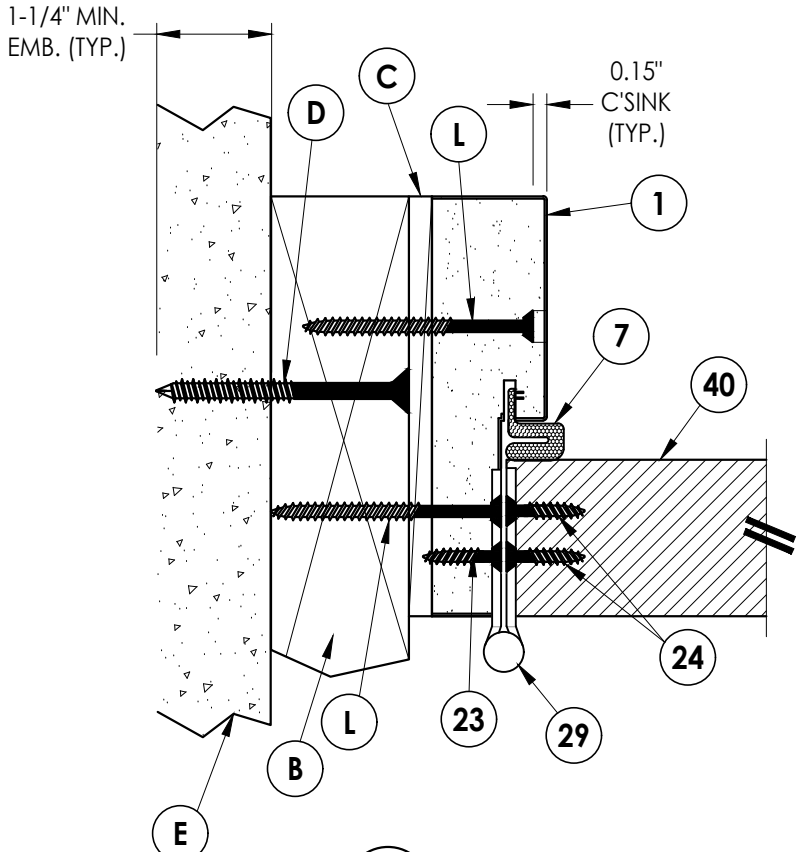
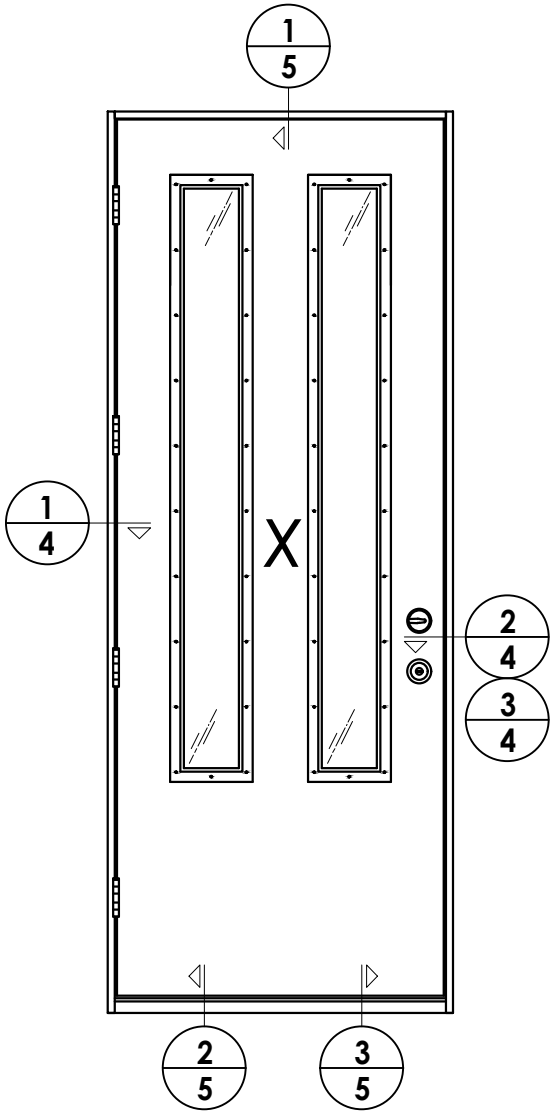
DATE:	4/16/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20335.2
SHEET	3 OF 7

PRODUCT:	ODL
PART OR ASSEMBLY:	LITE FRAME & GLAZING DETAILS

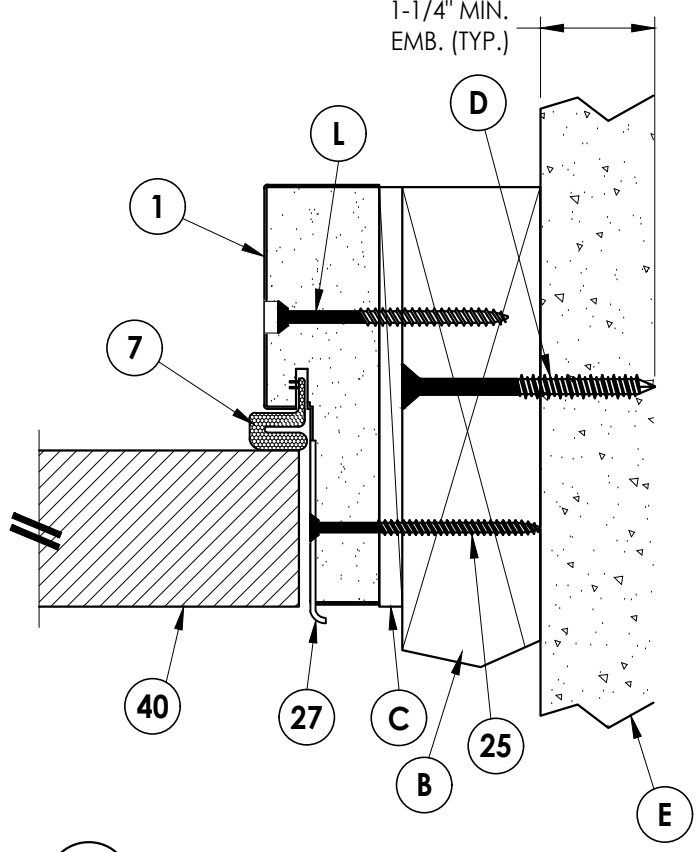
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3	7/01/23	UPDATE TO 8TH ED. (2023) FBC
2	8/06/20	UPDATE TO 7TH ED. (2020) FBC
1	8/29/17	UPDATE TO 6TH ED. (2017) FBC

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

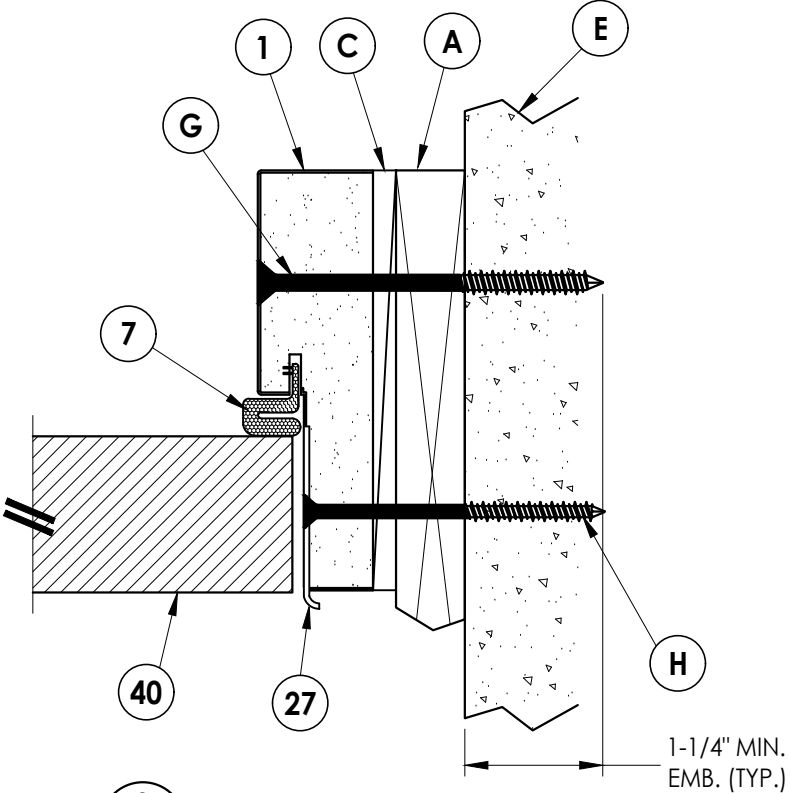
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Phone No.: 813.659.9197
FBPE Registry No. 9813



1
4
HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved

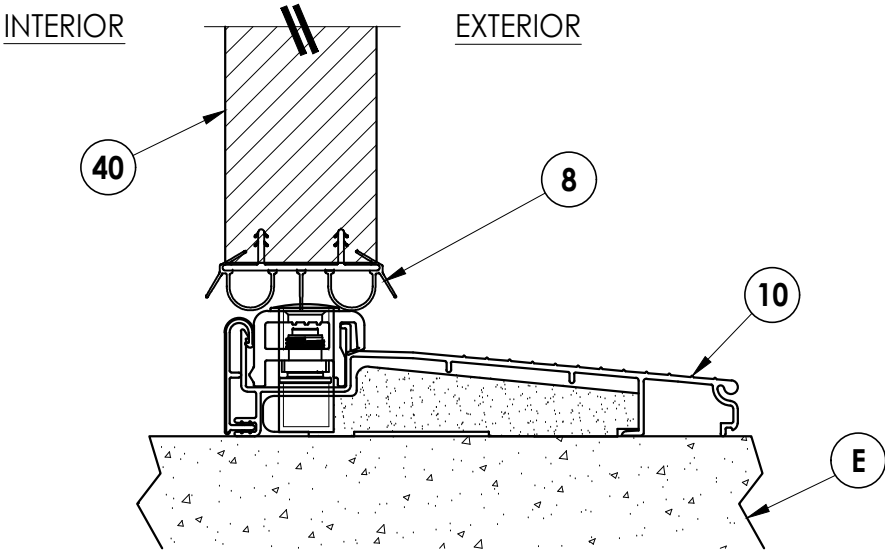


2
4
HORIZONTAL CROSS SECTION
Inswing shown - outswing also approved

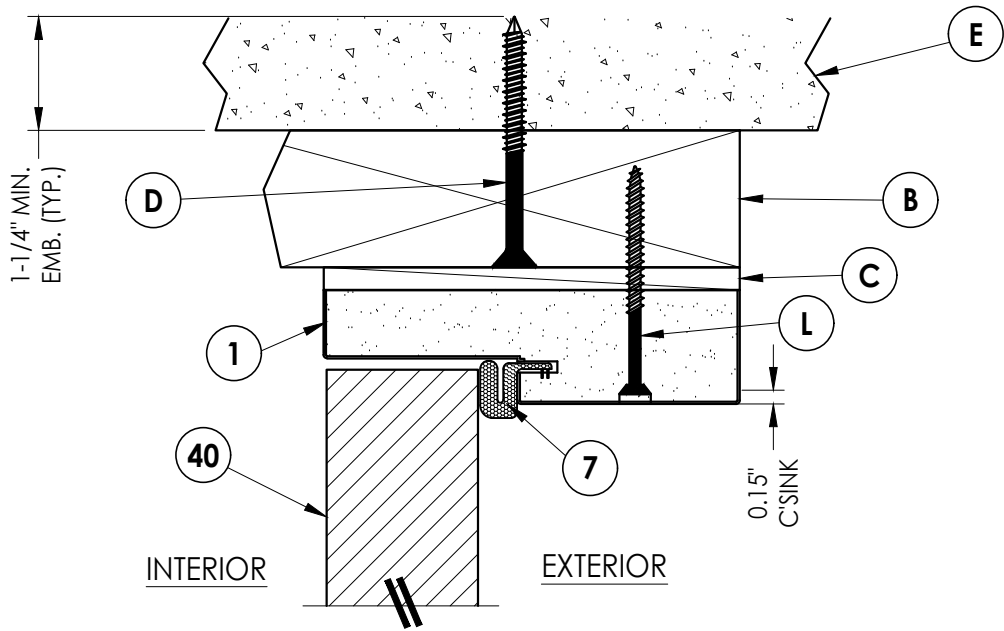


3
4
HORIZONTAL CROSS SECTION
Shown w/1X sub-buck

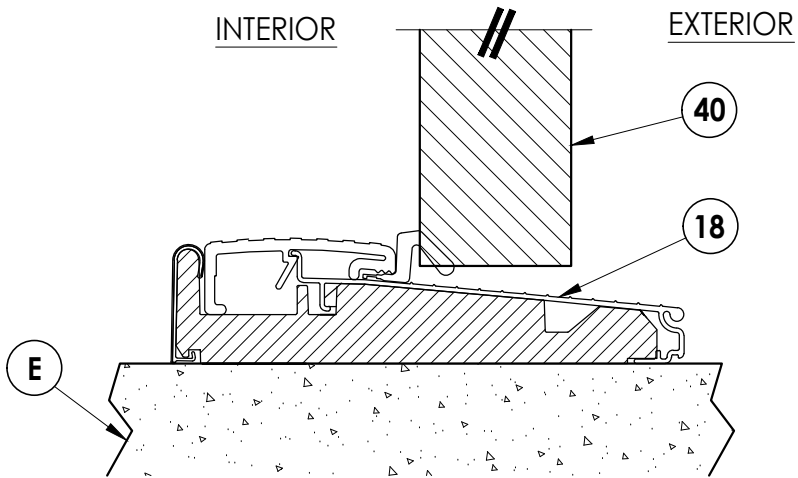
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: ODL		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
4	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	8/29/17	UPDATE TO 6TH ED. (2017) FBC	LFS
NO. DATE		REVISIONS	
DATE: 4/16/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20335.2			
SHEET 4 OF 7			



2
5 **VERTICAL CROSS SECTION**
Inswing threshold



1
5 **VERTICAL CROSS SECTION**
Inswing shown - outswing also approved



3
5 **VERTICAL CROSS SECTION**
Outswing threshold

DATE: 4/16/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-20335.2

SHEET 5 OF 7

PRODUCT:

ODL

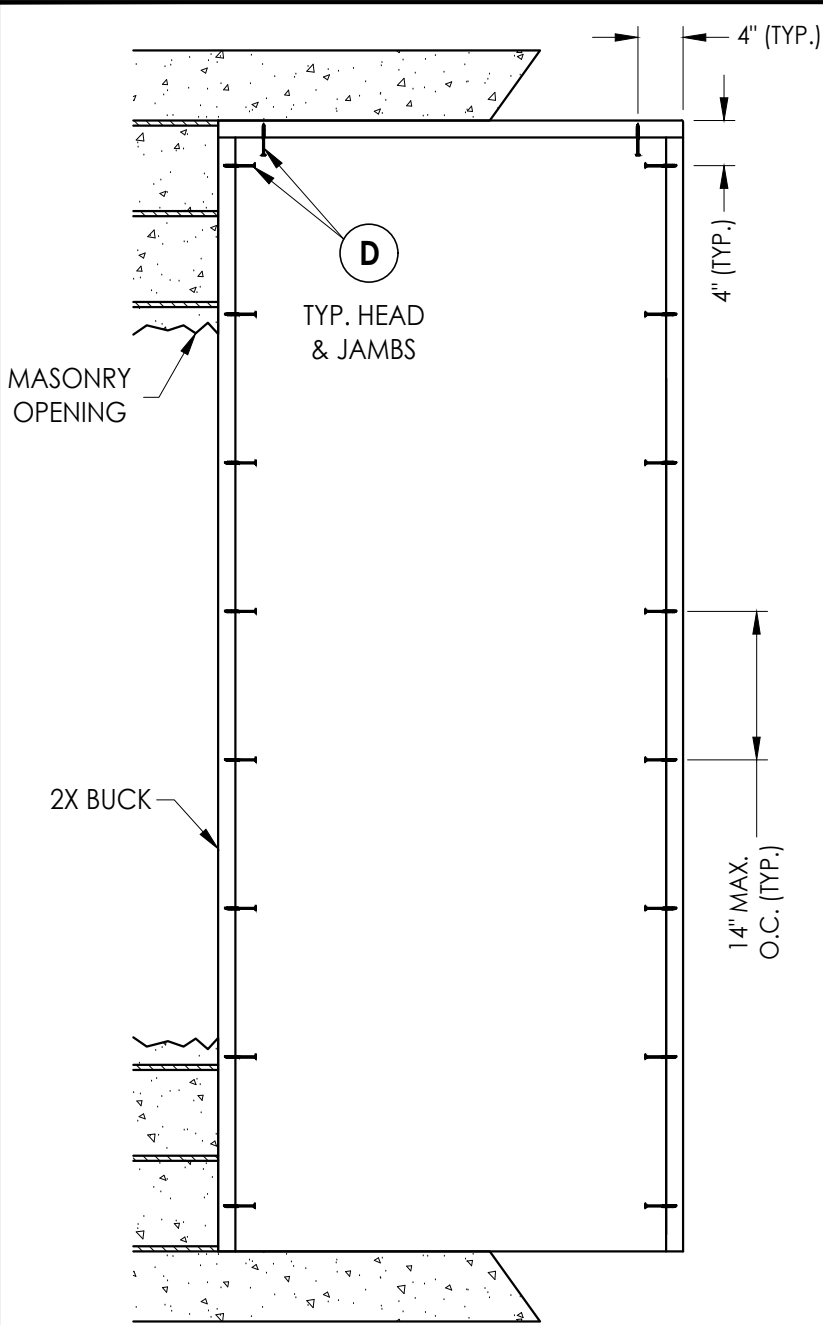
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

REVISIONS

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BUCK ANCHORING

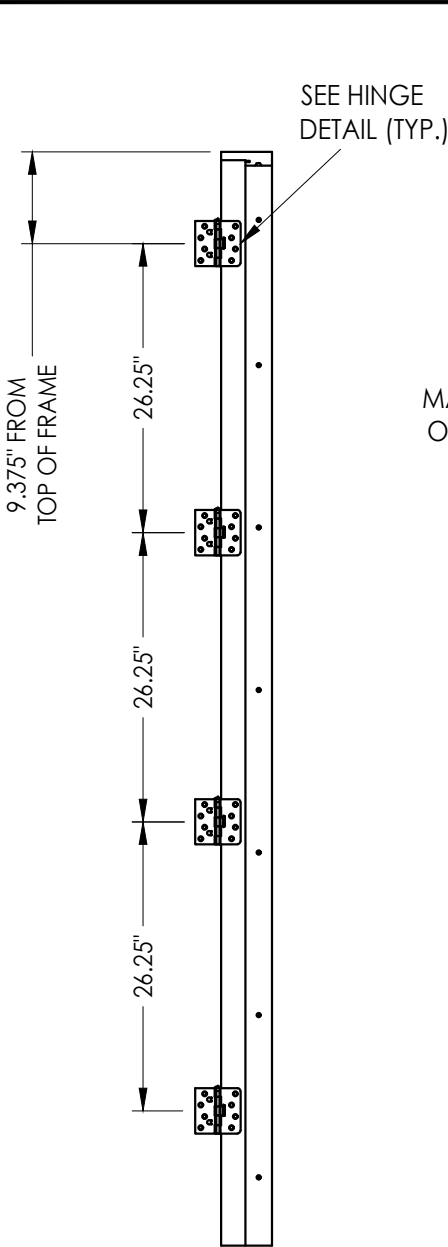
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. 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:

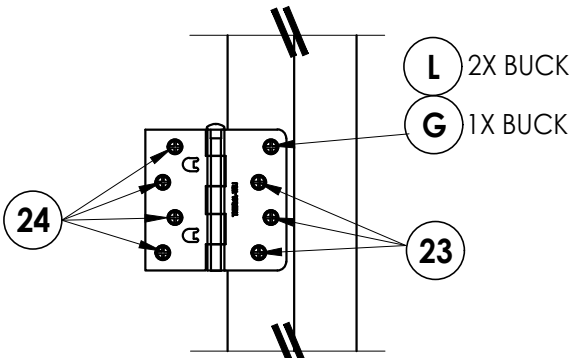
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

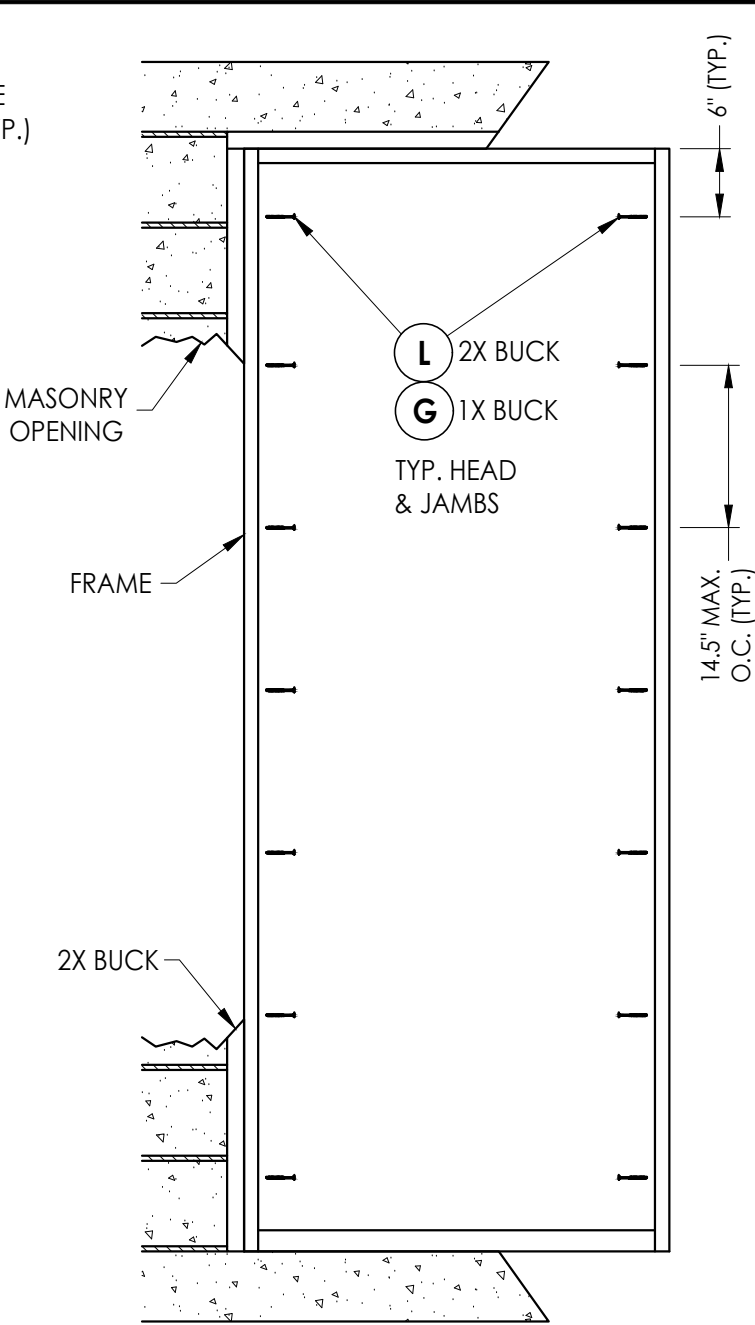
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



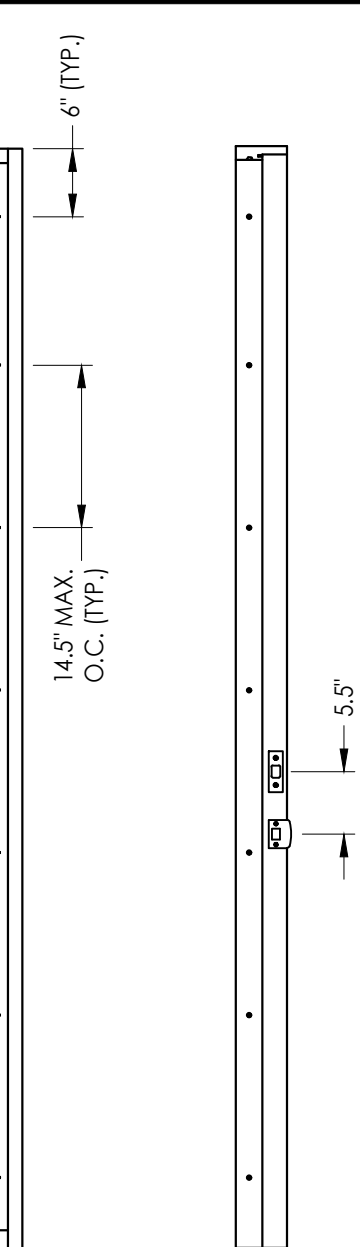
HINGE JAMB



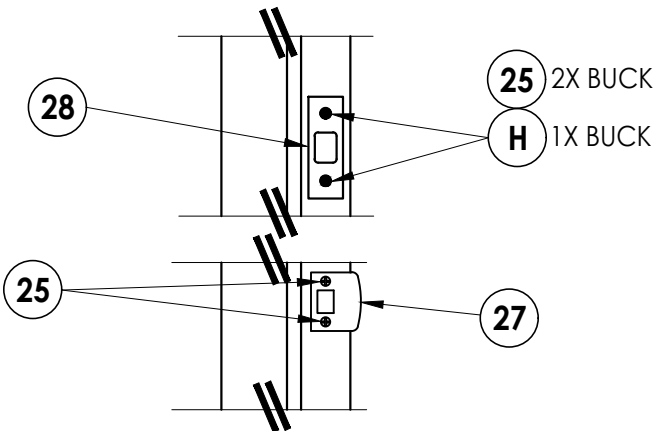
HINGE DETAIL



FRAME ANCHORING



STRIKE JAMB



LATCH AND DEADBOLT DETAIL

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: ODL

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

		REVISIONS			
		NO.	DATE	BY	
	4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
	3	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	2	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
	1	8/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS

DATE: 4/16/16

SCALE: N.T.S.

DWG. BY: JK

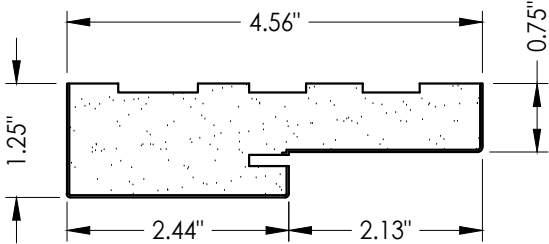
CHK. BY: LFS

DRAWING NO.:

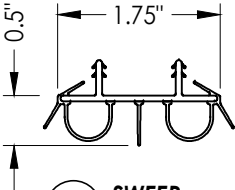
FL-20335.2

SHEET 6 OF 7

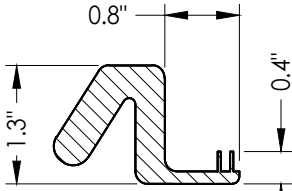
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
1	POLY FIBER JAMB	COMP.
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
10	INSWING THRESHOLD	ALUM/COMP
18	OUTSWING THRESHOLD	ALUM/COMP
23	#10 x 3/4" PFH WOOD SCREW	STEEL
24	#10 x 1" PFH WOOD SCREW	STEEL
25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-



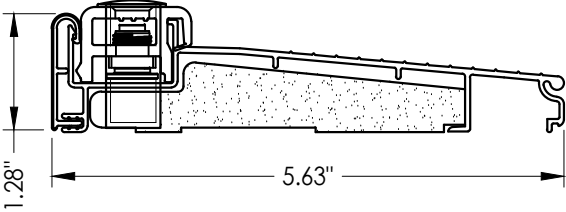
1 POLY FIBER JAMB



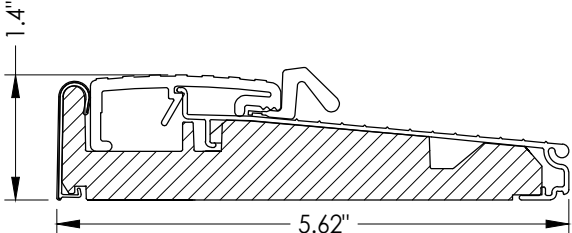
8 SWEEP



7 WEATHERSTRIP



10 INSWING THRESHOLD
By Endura



18 OUTSWING THRESHOLD
By Endura

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

ODL

PRODUCT:

Part or Assembly:
BILL OF MATERIALS
& COMPONENTS

REVISIONS

4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
3	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	8/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
NO.	DATE			BY

DATE: 4/16/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20335.2

SHEET 7 OF 7

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