



STEVE'S AND SONS

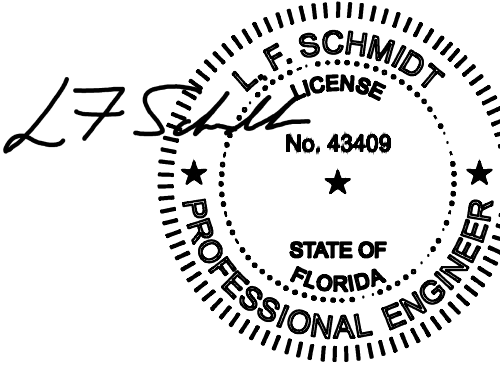
203 Humble Ave.
San Antonio, TX 78225

GLAZED STEEL DOOR w/ SIDELITES
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

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

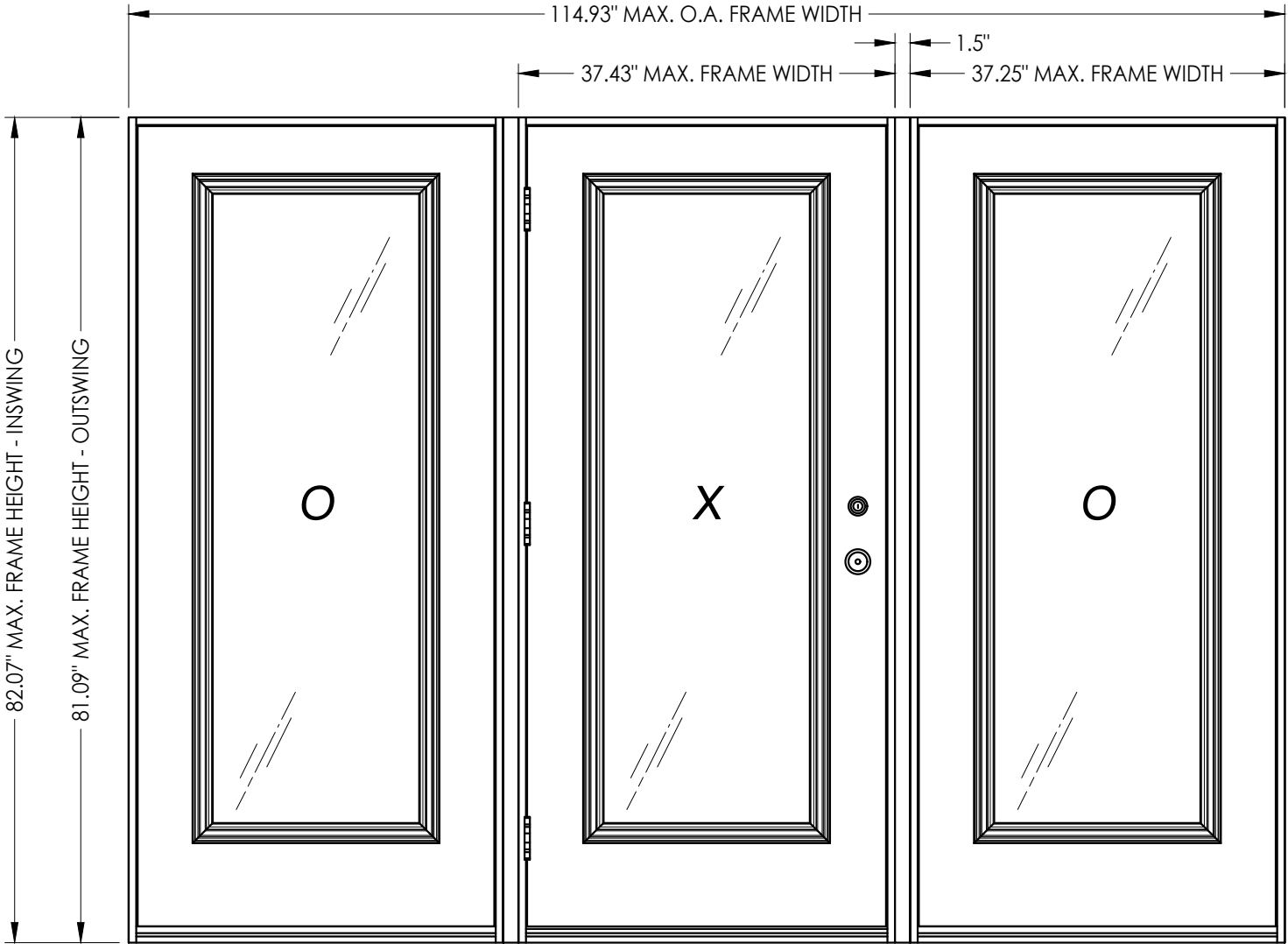
TABLE OF CONTENTS	
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1	Typical elevations, design pressures & general notes
2	Door panel construction details & glazing detail
3	Sidelite panel construction details & glazing detail
4	Horizontal cross sections
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6	Vertical cross sections
7	Buck and frame anchoring - 2X buck masonry construction
8	Frame anchoring - 1X buck masonry construction
9	Bill of materials & components



Digitally signed by Lyndon F Schmidt
Date: 2023.08.07 09:30:54 -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	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
INSWING	114.93" x 82.07"	G1	+47.0	-47.0
OUTSWING	114.93" x 81.09"		+47.0	-47.0

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

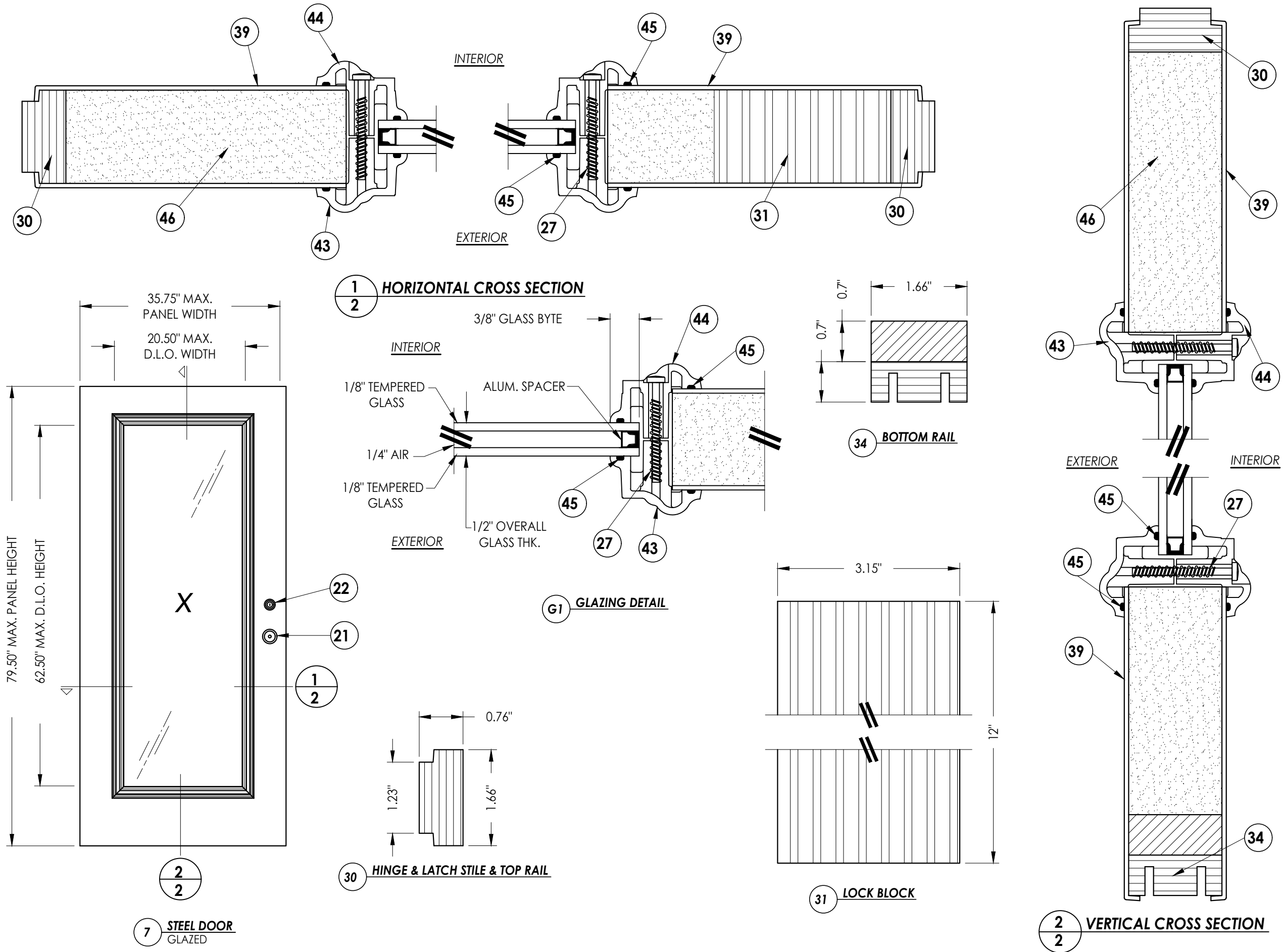
RW

PRODUCT:		STEVE'S AND SONS	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	

NO.	DATE	REVISIONS			
		LFS	JK	BY	
3	8/07/23	UPDATE TO 8TH ED. (2023) FBC			
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC			
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC			

DATE:	7/18/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17903.8
SHEET	1 OF 9

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FBPE Registry No. 9813

PRODUCT:

STEVES AND SONS

PART OR ASSEMBLY:

DOOR PANEL CONSTRUCTION
DETAILS AND GLAZING DETAIL

DATE: 7/18/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17903.8

SHEET 2 OF 9

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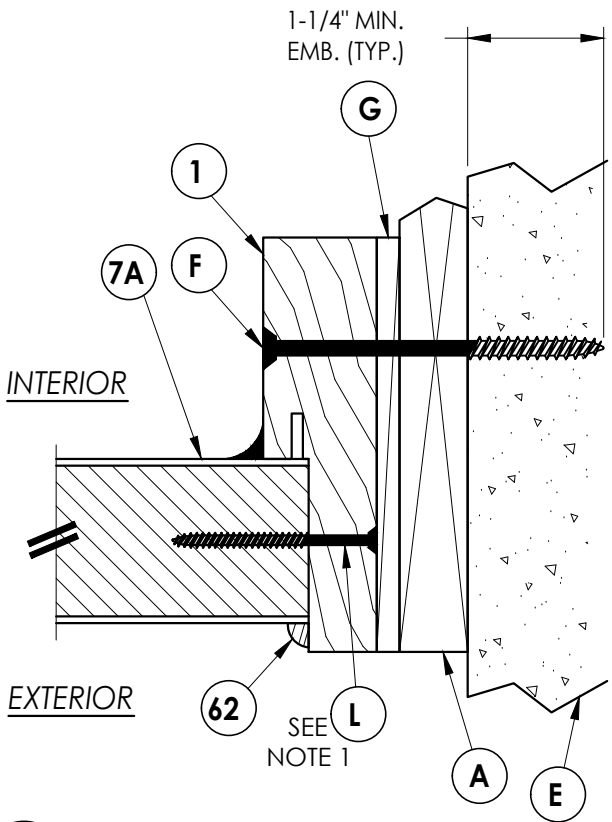
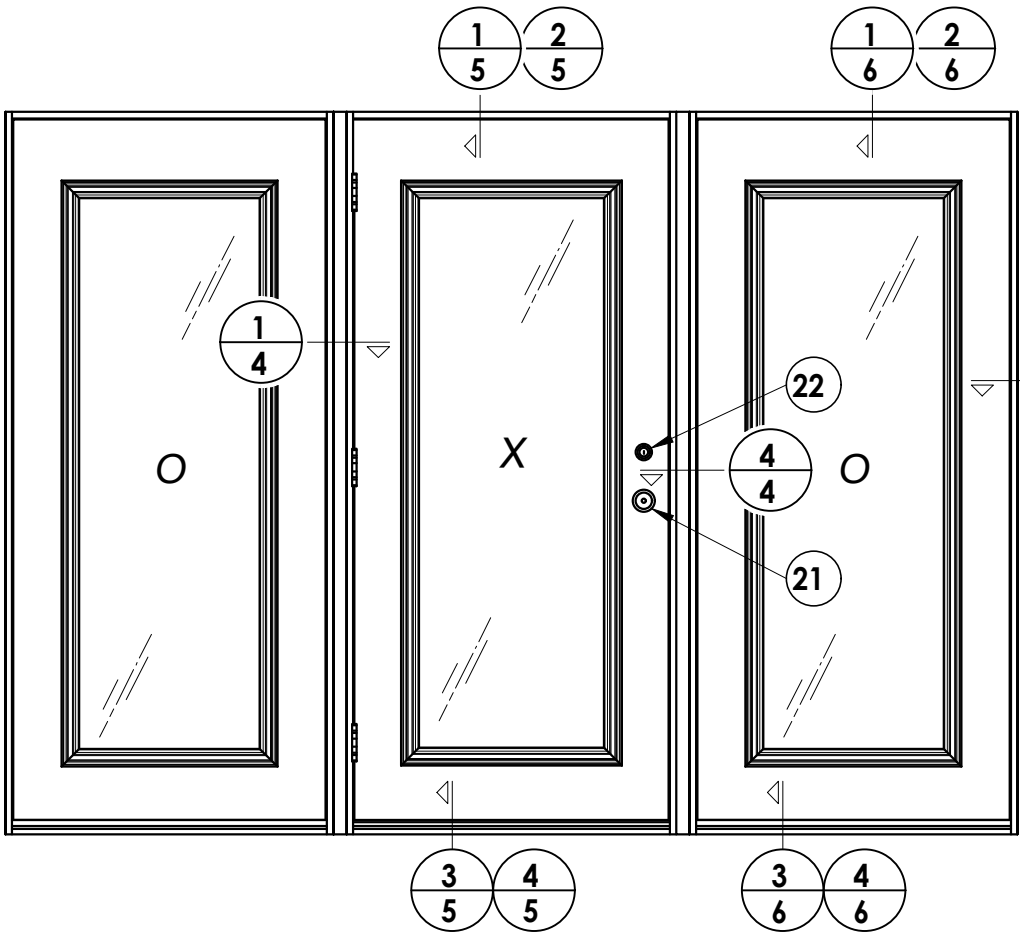
REVISIONS

NO.	DATE	BY
3	8/07/23	UPDATE TO 8TH ED. (2023) FBC
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC

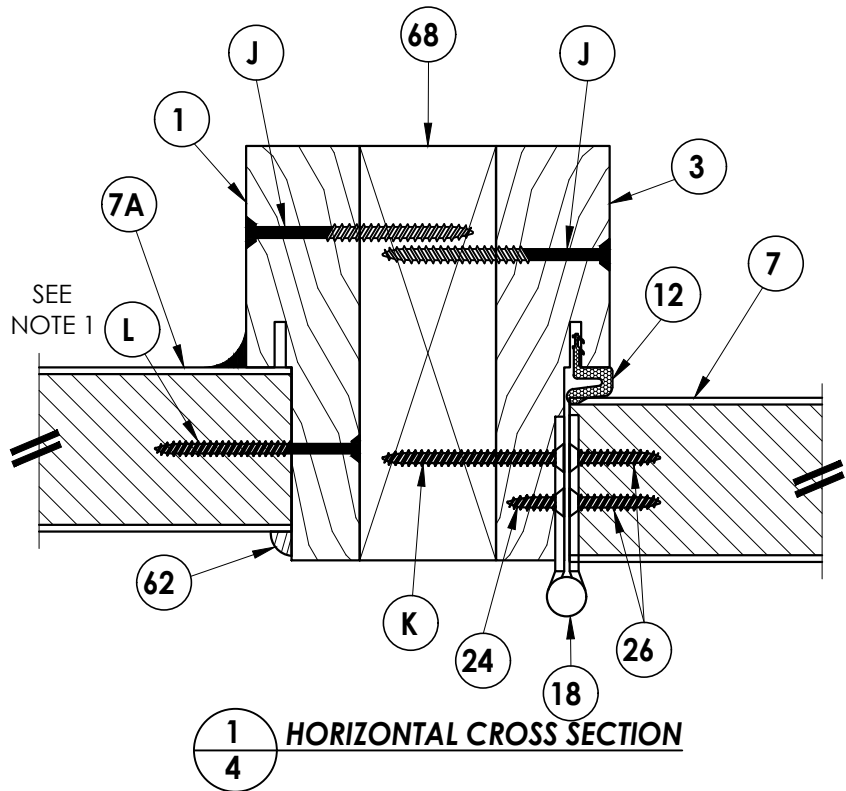
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NOTE:

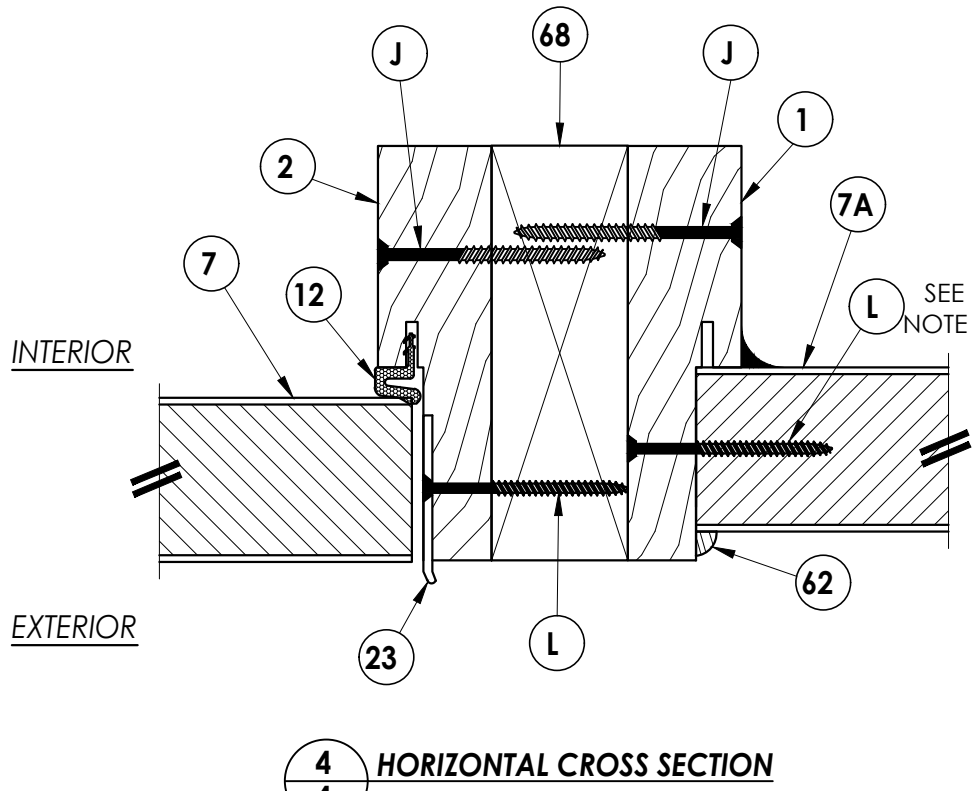
1. Sidelite ass'y fastener; 6" from each end and 6 more screws equally spaced between. (8 screws total per jamb.)



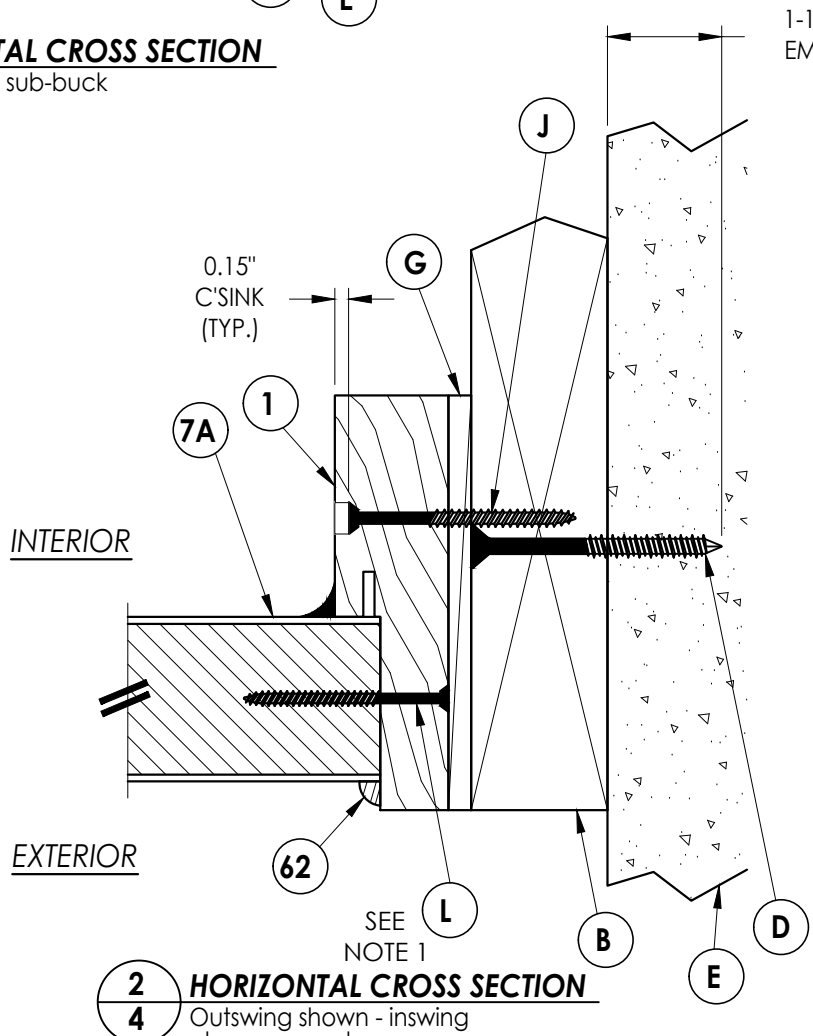
3
4 HORIZONTAL CROSS SECTION
Shown w/1X sub-buck



1
4 HORIZONTAL CROSS SECTION



4
4 HORIZONTAL CROSS SECTION



2
4 HORIZONTAL CROSS SECTION
Outswing shown - inswing also approved

1-1/4" MIN.
EMB. (TYP.)

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PRODUCT:

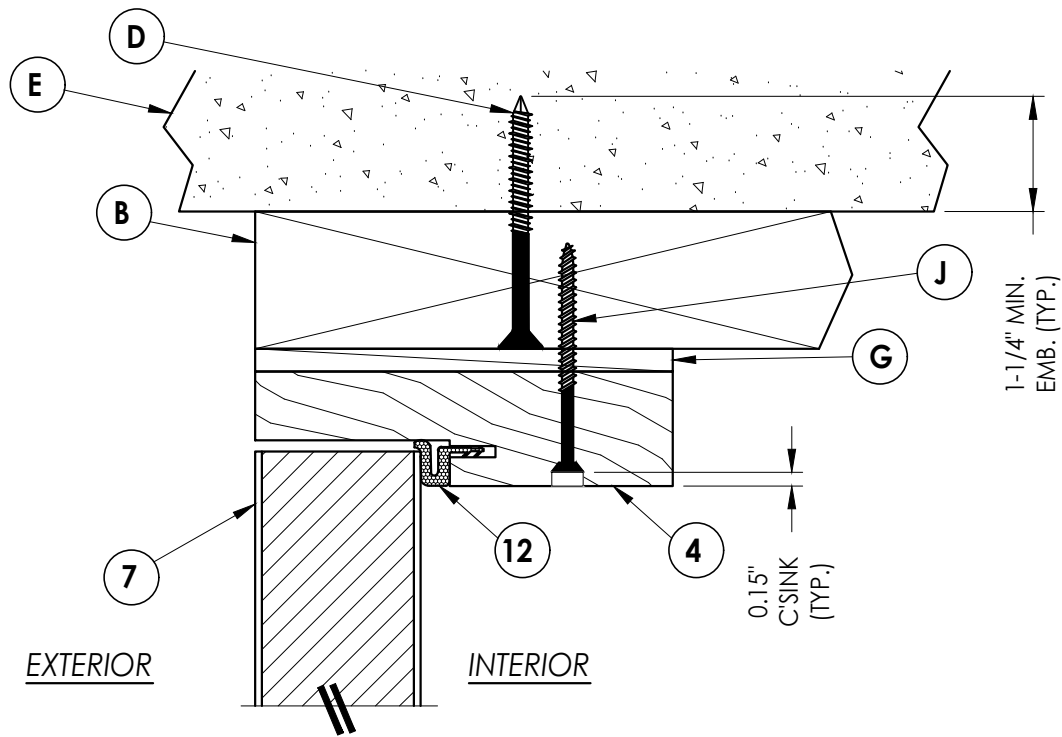
STEVES AND SONS

PART OR ASSEMBLY:

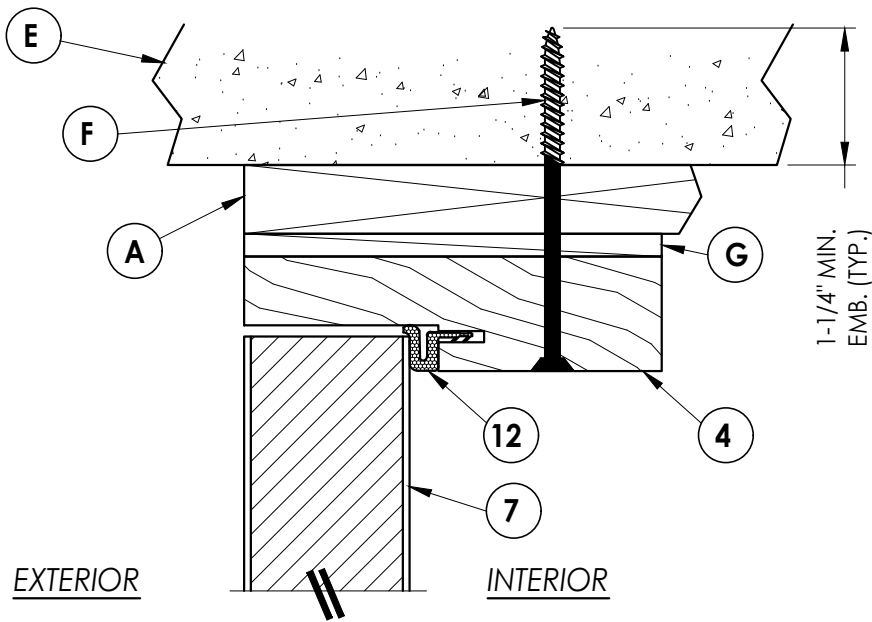
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
3	8/07/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	9/16/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	10/08/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
DATE: 7/18/15					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-17903.8					
SHEET 4 OF 9					

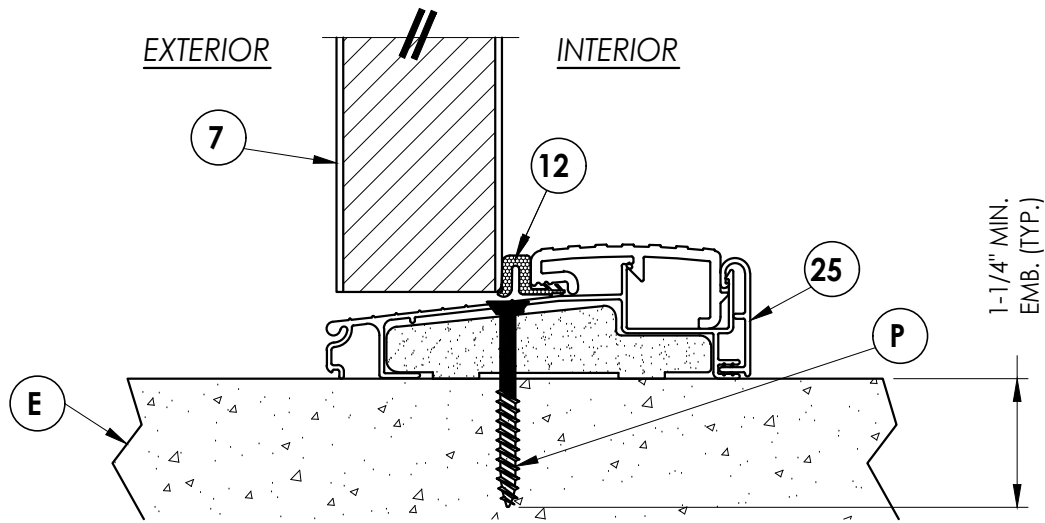
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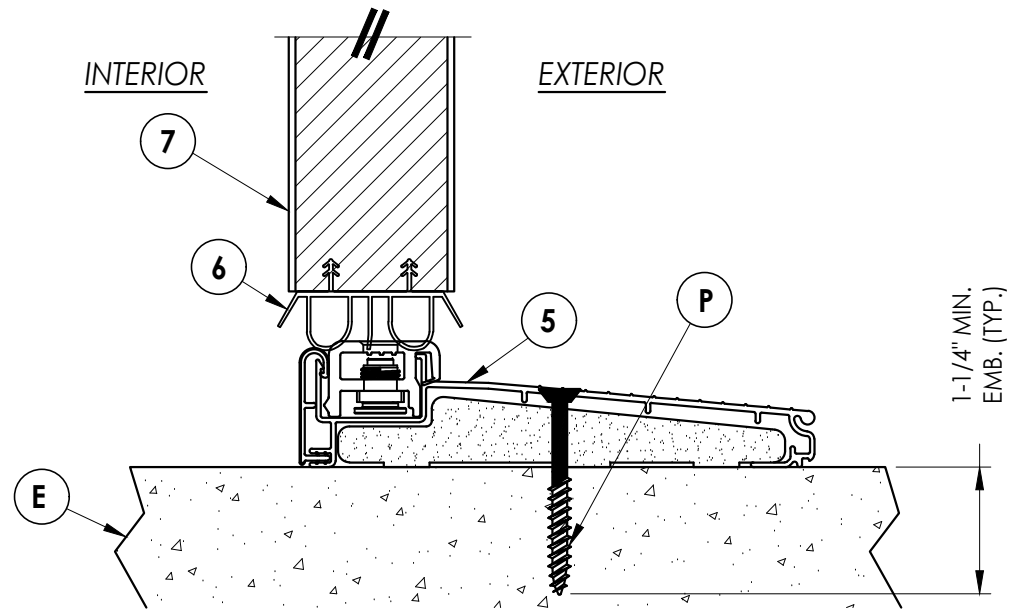
1
5 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



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



3
5 **VERTICAL CROSS SECTION**
Outswing sill



4
5 **VERTICAL CROSS SECTION**
Inswing sill

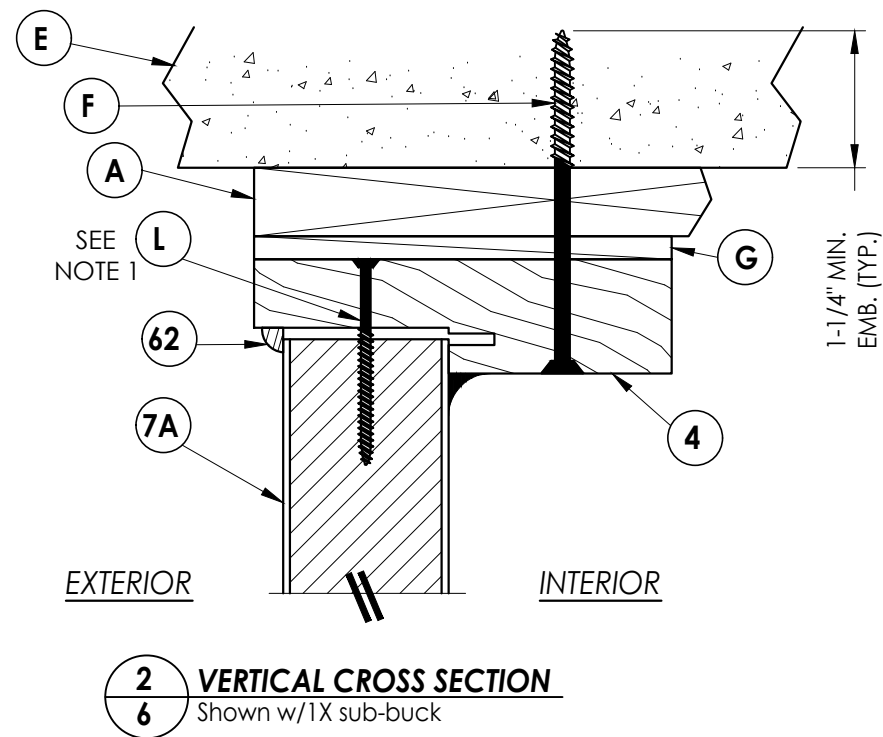
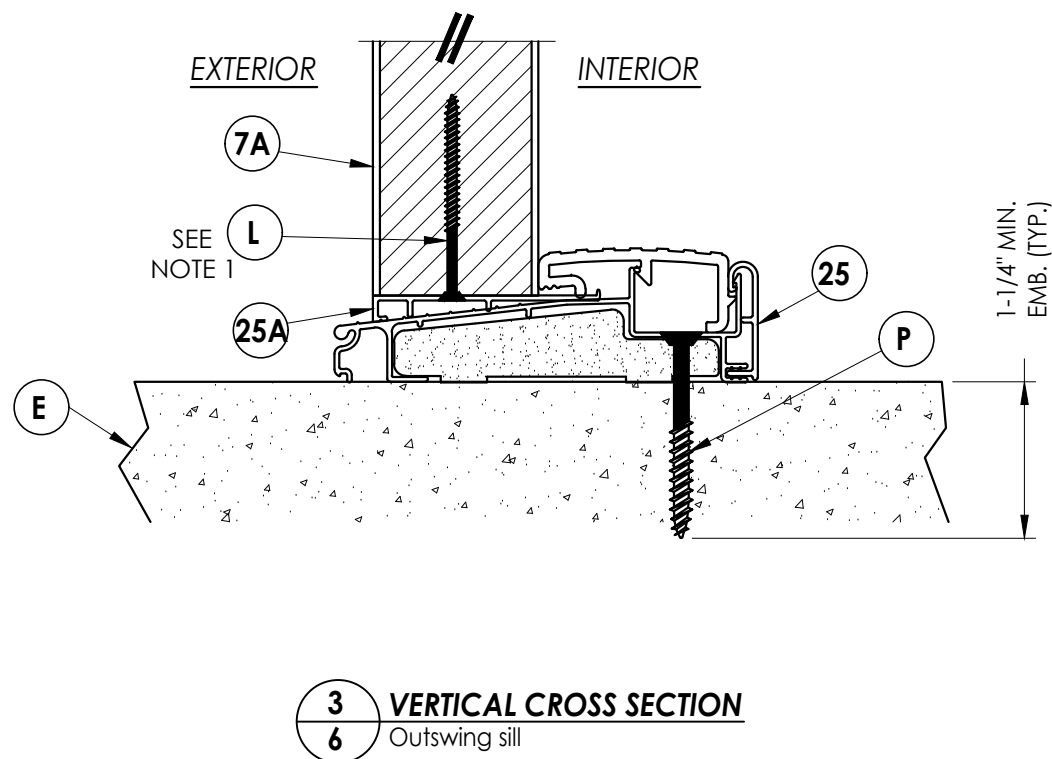
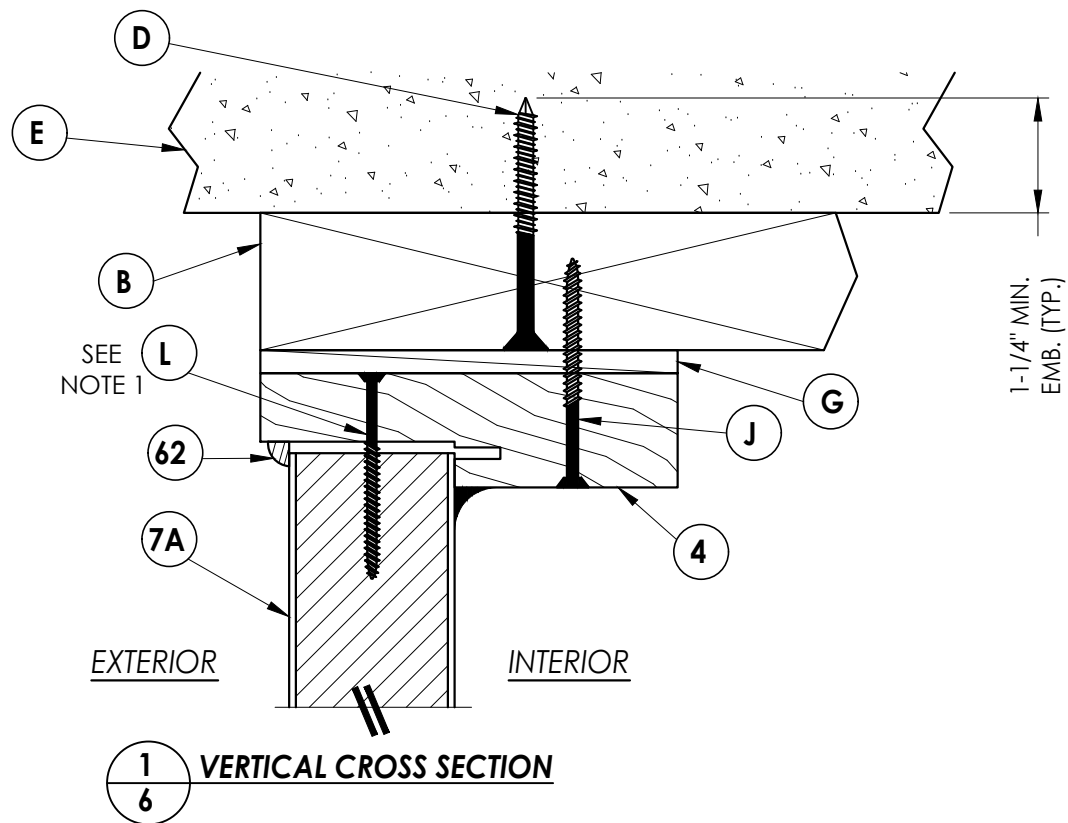
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PRODUCT:	STEVES AND SONS	
	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	

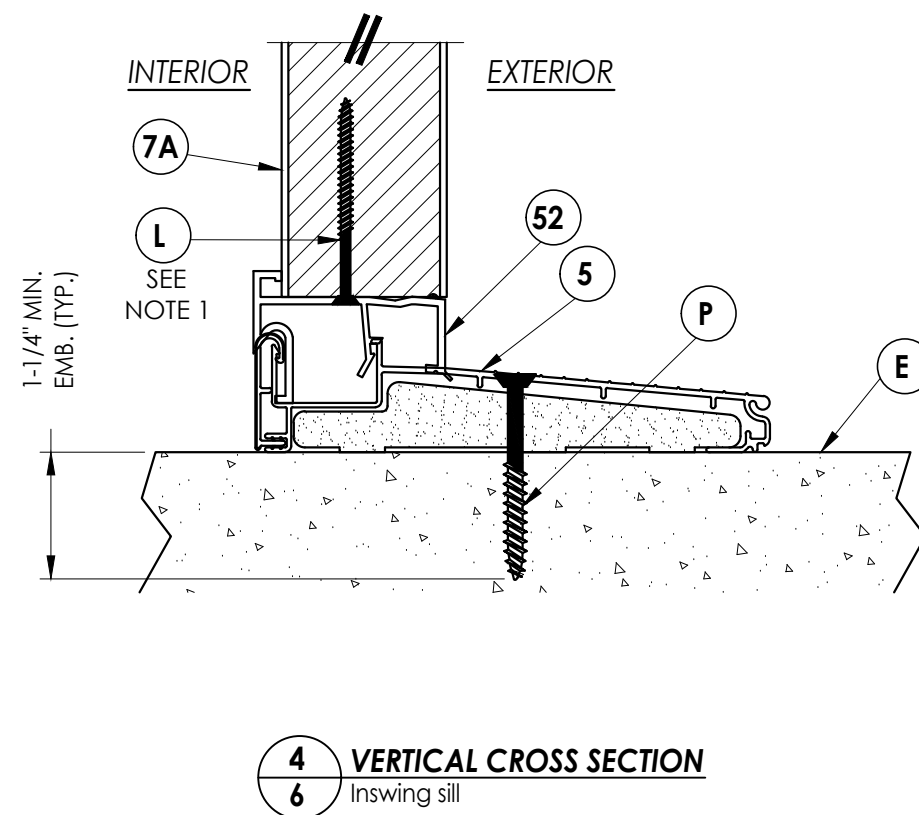
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		BY	CHK	DATE	DESCRIPTION
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2	9/16/20	LFS	FBC		UPDATE TO 7TH ED. (2020)
1	10/08/17	JK	FBC		UPDATE TO 6TH ED. (2017)

DATE: 7/18/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-17903.8
SHEET 5 OF 9



NOTE:

1. Screws thru head and sill jamb located 3" from each end and on centerline.



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Phone No.: 813.659.9197

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PRODUCT:

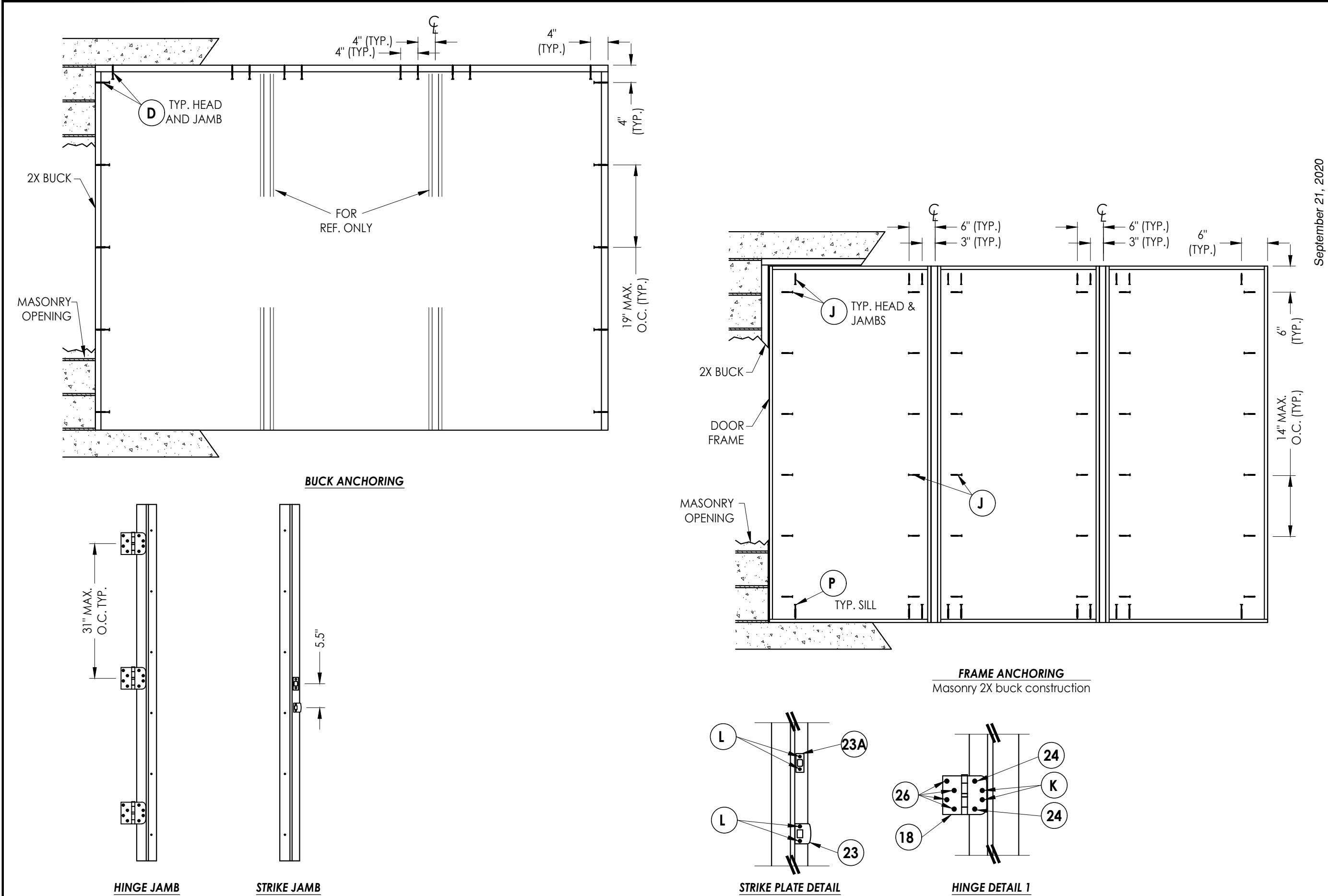
STEVES AND SONS

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

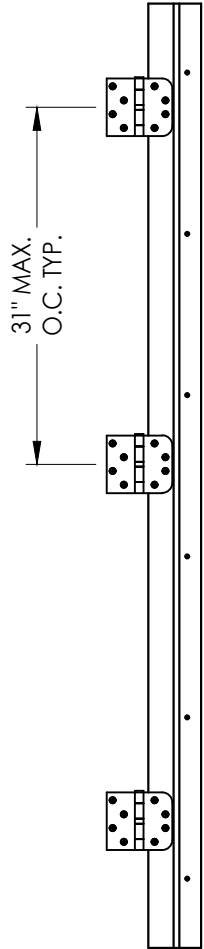
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2	9/16/20	UPDATE TO 7TH ED. (2020)						FBC	LFS
1	10/08/17	UPDATE TO 6TH ED. (2017)						FBC	JK
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DWG. BY: JK									
CHK. BY: LFS									
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SHEET 6 OF 9									

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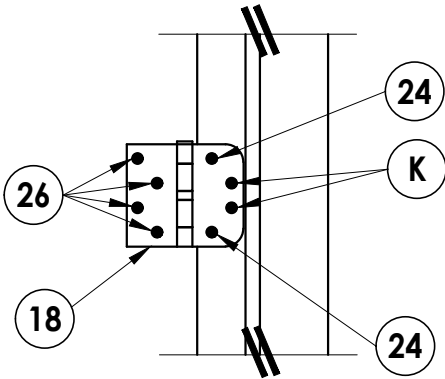


DATE: 7/18/15			DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. NO. 43409			BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
SCALE: N.T.S.			PRODUCT: STEVES AND SONS			PART OR ASSEMBLY: BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION		
DWG. BY: JK								
CHK. BY: LFS								
DRAWING NO.: FL-17903.8								
SHEET 7 OF 9								

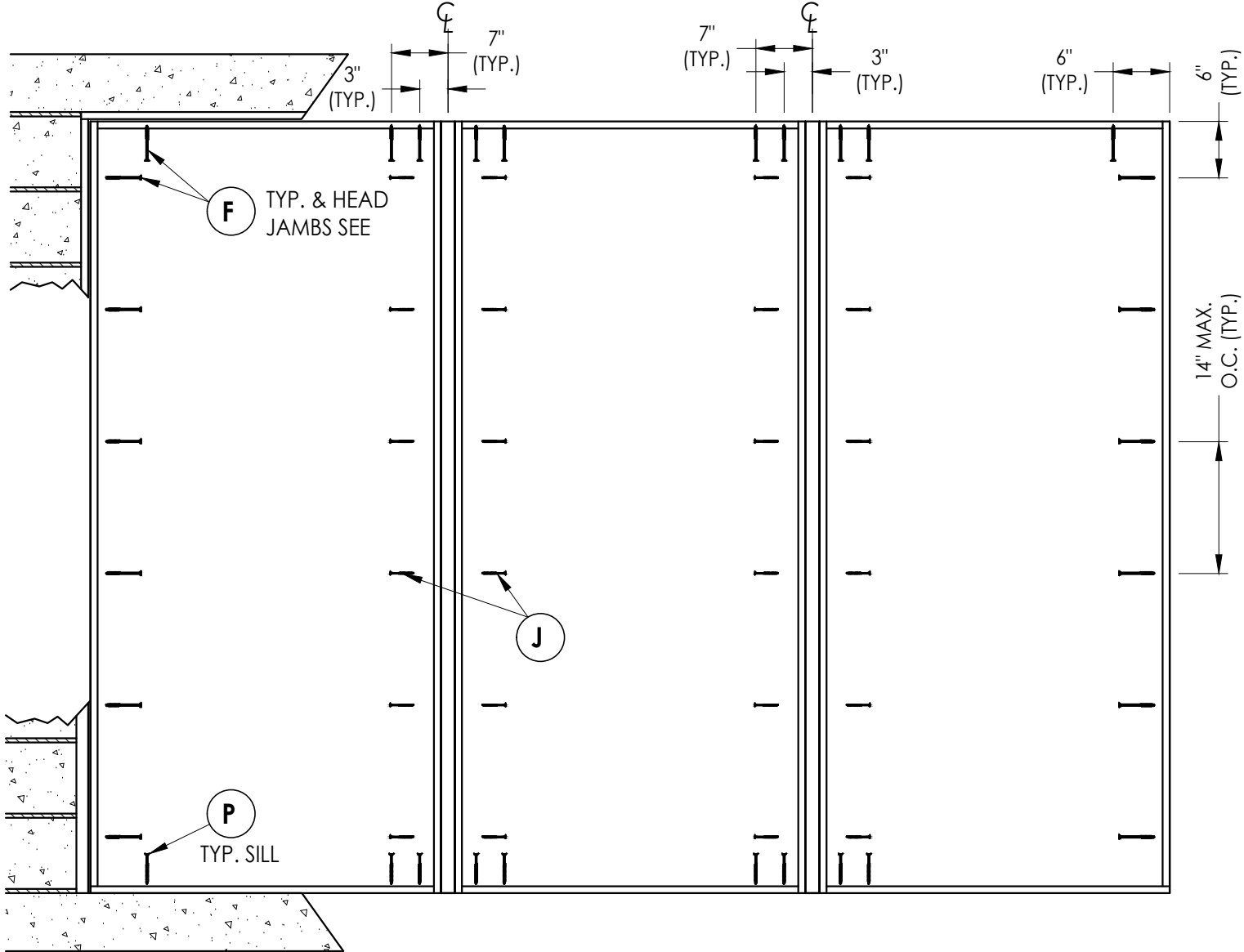
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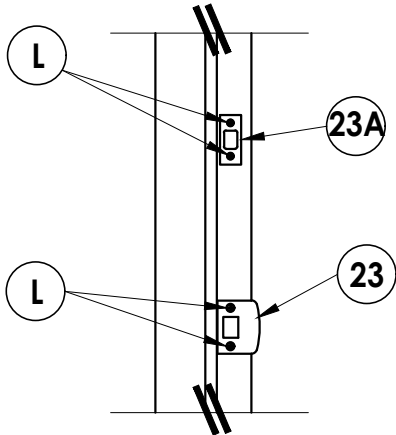
HINGE JAMB



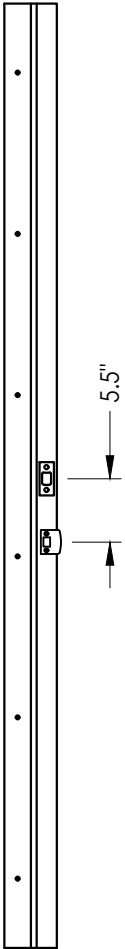
HINGE DETAIL



FRAME ANCHORING
Masonry 1X buck construction



STRIKE PLATE DETAIL



STRIKE JAMB

DATE: 7/18/15	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-17903.8	
SHEET 8	OF 9

PRODUCT:	STEVE'S AND SONS
	PART OR ASSEMBLY: FRAME ANCHORING
	1X BUCK MASONRY CONSTRUCTION

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

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