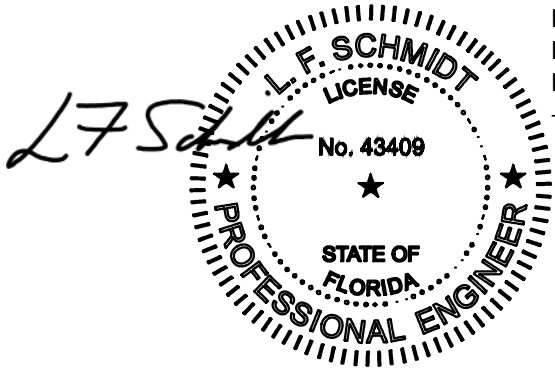


MODEL 3003 / 3A03 "ST"
Extruded Vinyl Horizontal
Sliding "Replacement" Window
"NON-IMPACT"

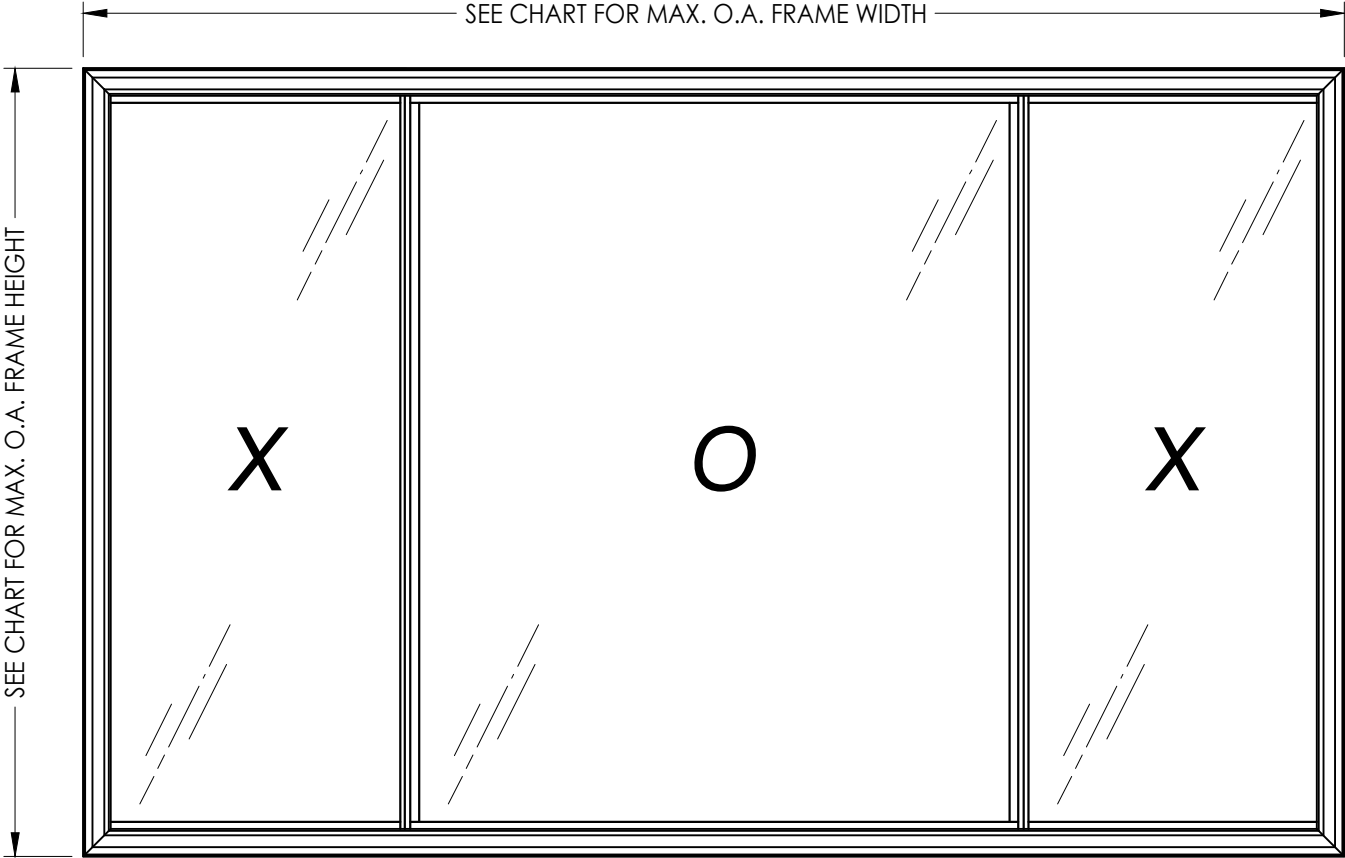
GENERAL NOTES

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	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components



Digitally signed by Lyndon F Schmidt
Date: 2023.09.12 14:10:12 -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



OVERALL FRAME DIMENSION	OVERALL MAX DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
108.0" x 56.0"	50.0" X 49.5"	G1	+25.0	-25.0
120.0" x 48.0"	56.0" X 41.5"	G1	+25.0	-25.0
96.0" x 60.0"	44.0" X 53.5"	G1	+25.0	-25.0
96.0" x 36.0"	46.75" X 29.5"	G1	+40.0	-40.0
130.0" x 62.0"	61.0" X 55.5"	G2	+20.0	-20.0
120.0" x 75.0"	56.0" X 68.5"	G2	+15.0	-15.0

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

PRODUCT:
HORIZONTAL SLIDER

REVISIONS

DATE: 3/31/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-11141.33

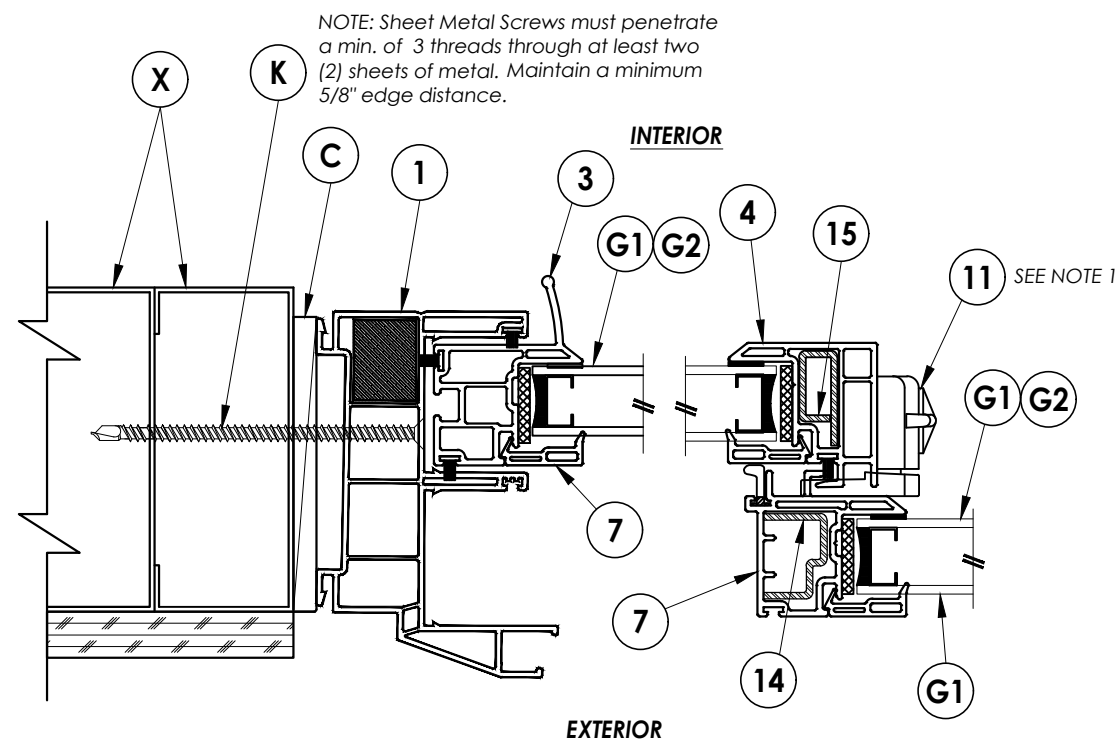
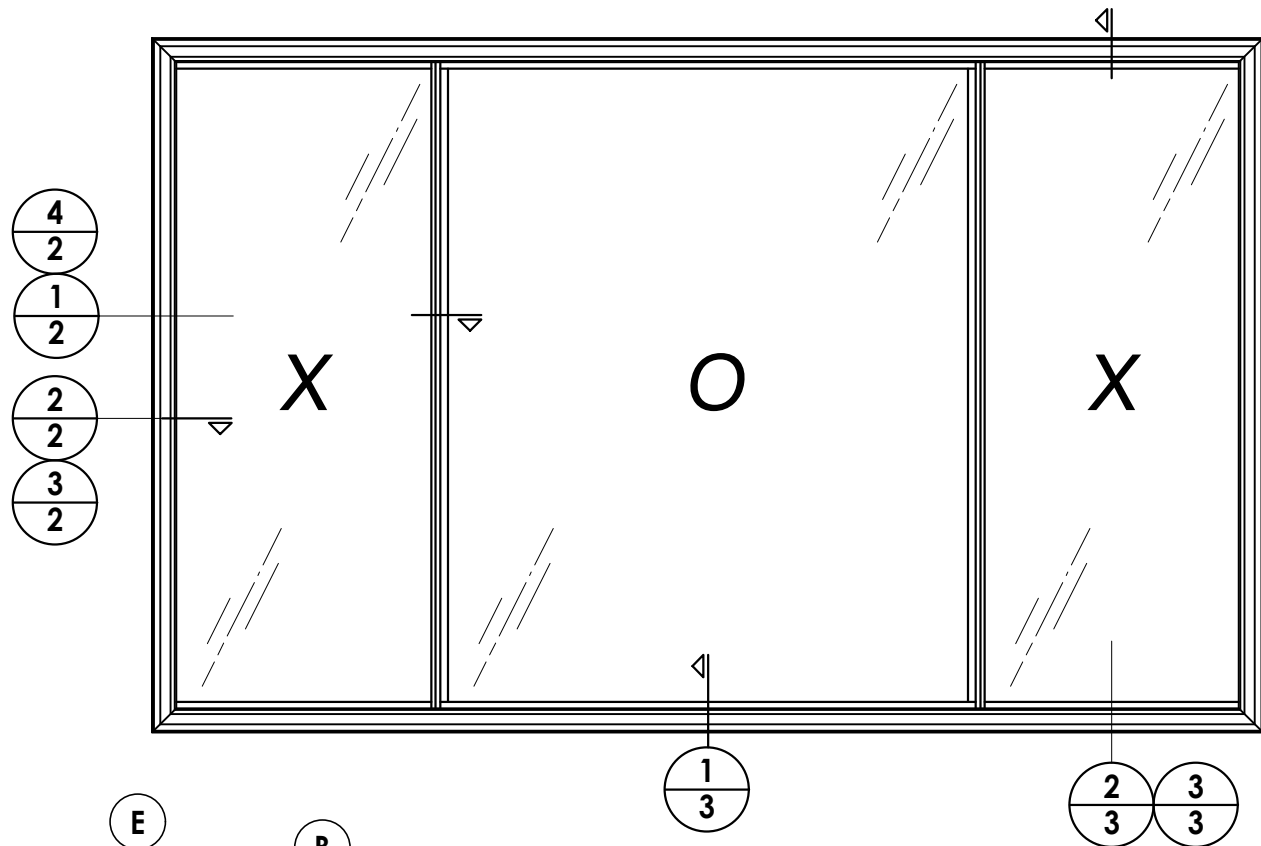
SHEET 1 OF 5

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

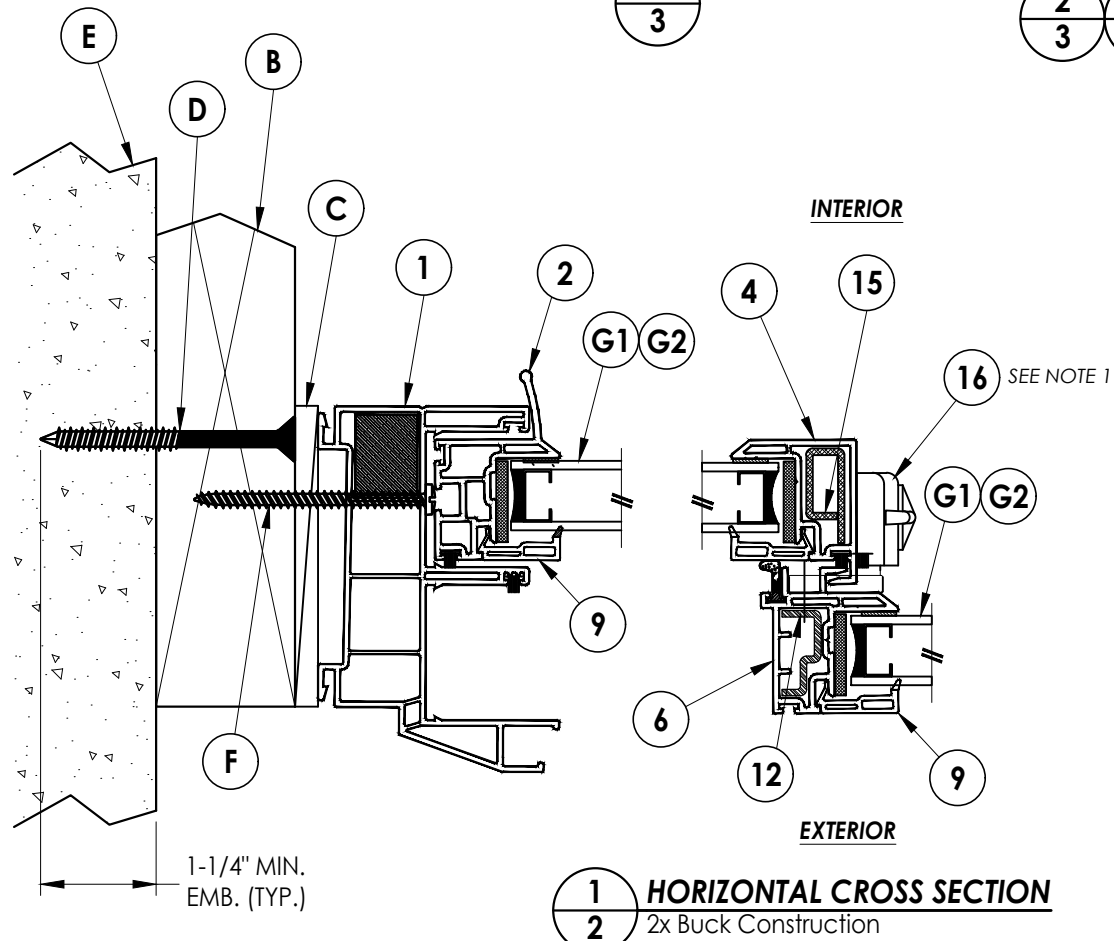
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5 8/19/20 UPDATE TO 7TH ED. (2020) FBC DAC
4 11/07/19 UPDATED FOR NEW TESTING LFS
3 9/20/17 UPDATE TO 6TH ED. (2017) FBC LFS
2 7/18/16 UPDATE B.O.M. & ADD COMP.'S JK
1 1/27/15 UPDATE TO 5TH ED. (2014) FBC JK
NO. DATE BY

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

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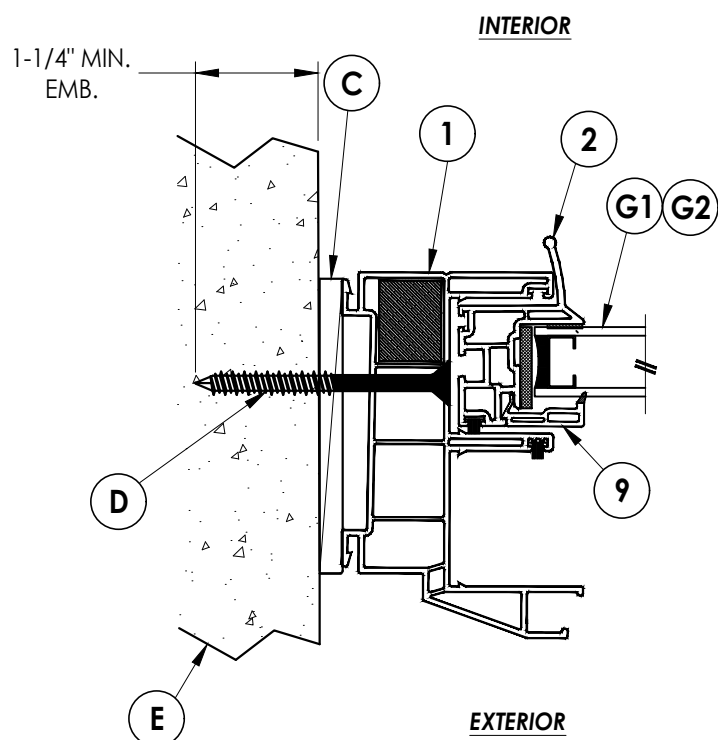


4/2 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option
Shown w/ MED Sash Stiles

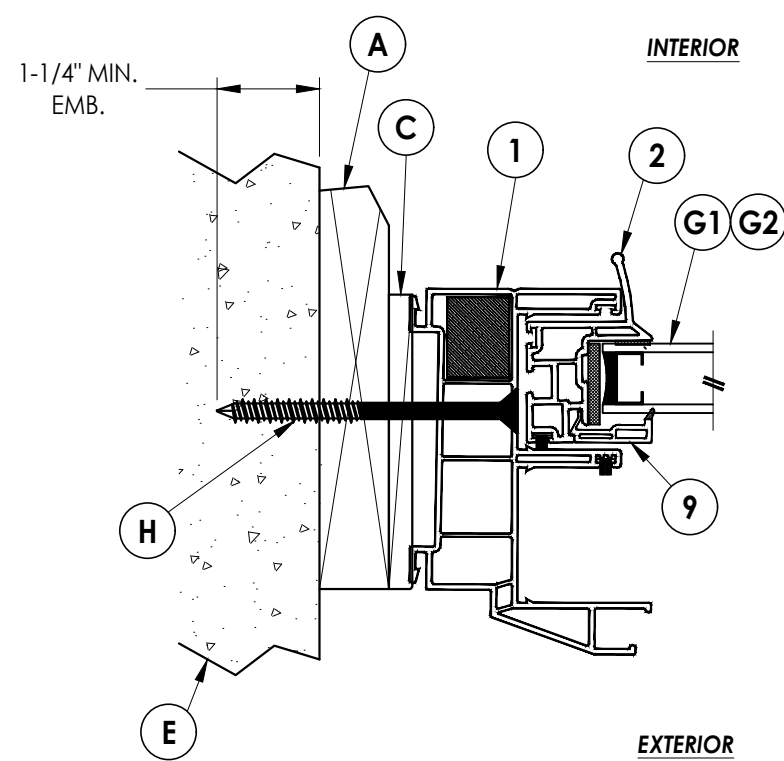


1/2 HORIZONTAL CROSS SECTION
2x Buck Construction

NOTE:
1. Locks located 10" from the top and bottom of sash for a total of 2 per sash.
2. Secure the fixed sash to the head & sill with a plastic anchor clip and a #8 x 1-1/2" and a #8 x 2-1/2" PH SMS.



2/2 HORIZONTAL CROSS SECTION
Shown w/ Direct to Masonry Option



3/2 HORIZONTAL CROSS SECTION
Shown w/ 1x sub-buck

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

PRODUCT:
HORIZONTAL SLIDER

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

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS				
		DATE	BY	CHK	LFS	FBC
6	9/12/23	UPDATE TO 8TH ED.	JK	LFS	FBC	(2023)
5	8/19/20	UPDATE TO 7TH ED.	JK	DAC	FBC	(2020)
4	11/07/19	UPDATED FOR NEW TESTING	JK	LFS	FBC	
3	9/20/17	UPDATE TO 6TH ED.	JK	LFS	FBC	(2017)
2	7/18/16	UPDATE B.O.M. & ADD COMP.'S	JK	LFS	FBC	
1	1/27/15	UPDATE TO 5TH ED.	JK	JK	FBC	(2014)

DATE: 3/31/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

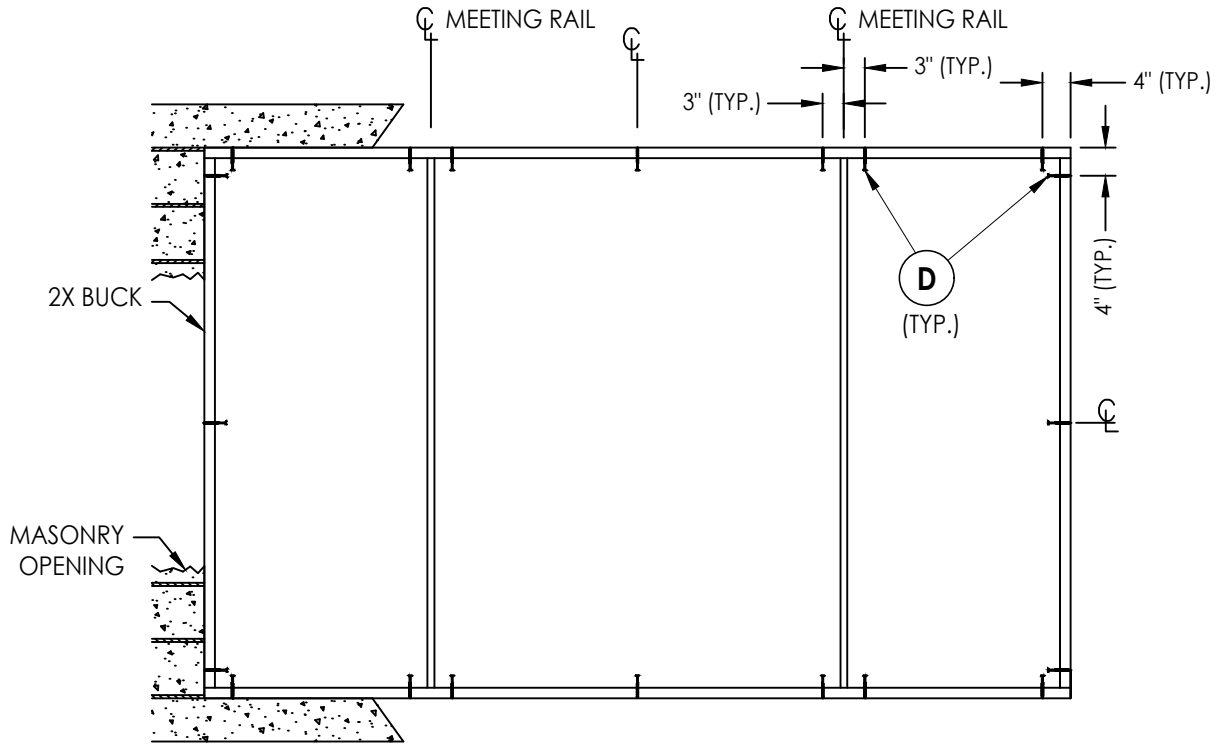
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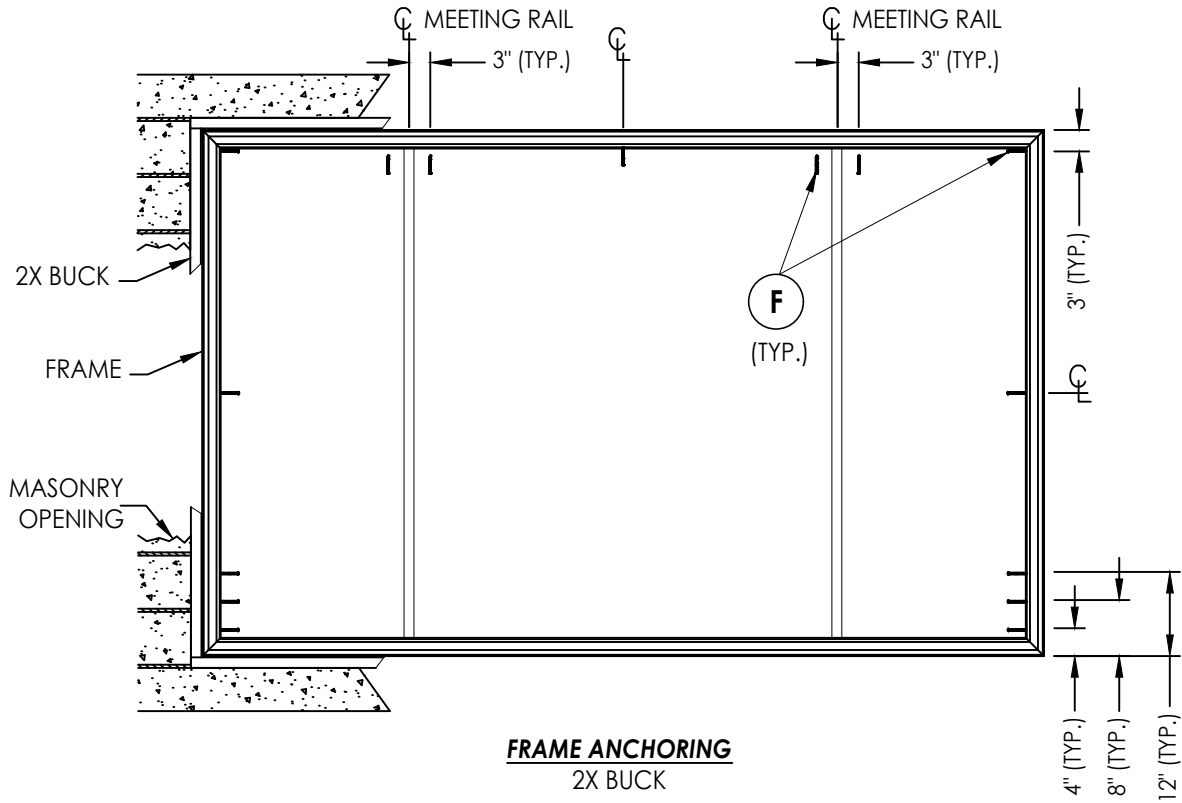
SHEET 2 OF 5

SHEET 3 OF 5

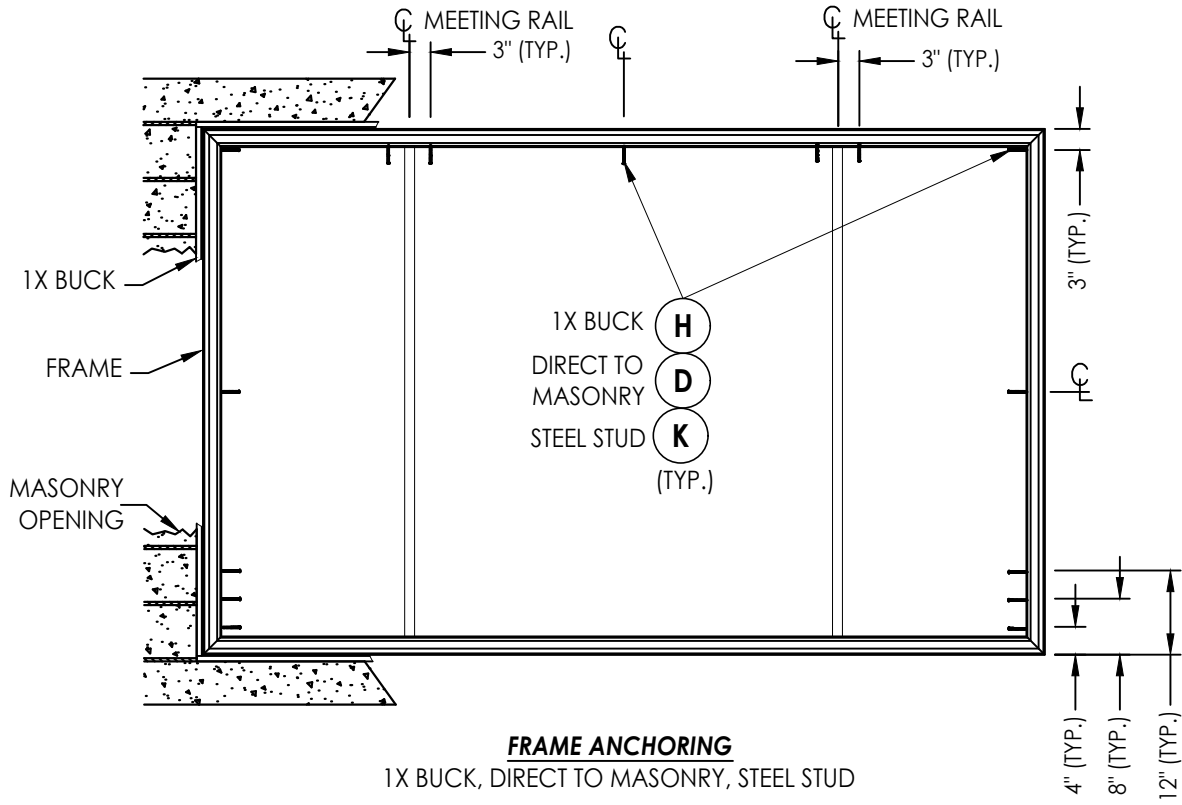
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BUCK ANCHORING



FRAME ANCHORING
2X BUCK



FRAME ANCHORING
1X BUCK, DIRECT TO MASONRY, STEEL STUD

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"

Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
HORIZONTAL SLIDER

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
6	9/12/23	UPDATE TO 8TH ED. (2023) FBC
5	8/19/20	UPDATE TO 7TH ED. (2020) FBC
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2	7/18/16	UPDATE B.O.M. & ADD COMP.'S
1	1/27/15	UPDATE TO 5TH ED. (2014) FBC
JK		
BY		

DATE: 3/31/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-11141.33

SHEET 4 OF 5

