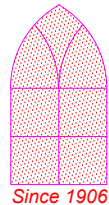


Z:\2023 FBC Drawings\J. Sussman, Inc\FL-14163 R4\FL-14163.1-6.dwg



J. Sussman, Inc.

109-10 180th St. Jamaica, NY 11433

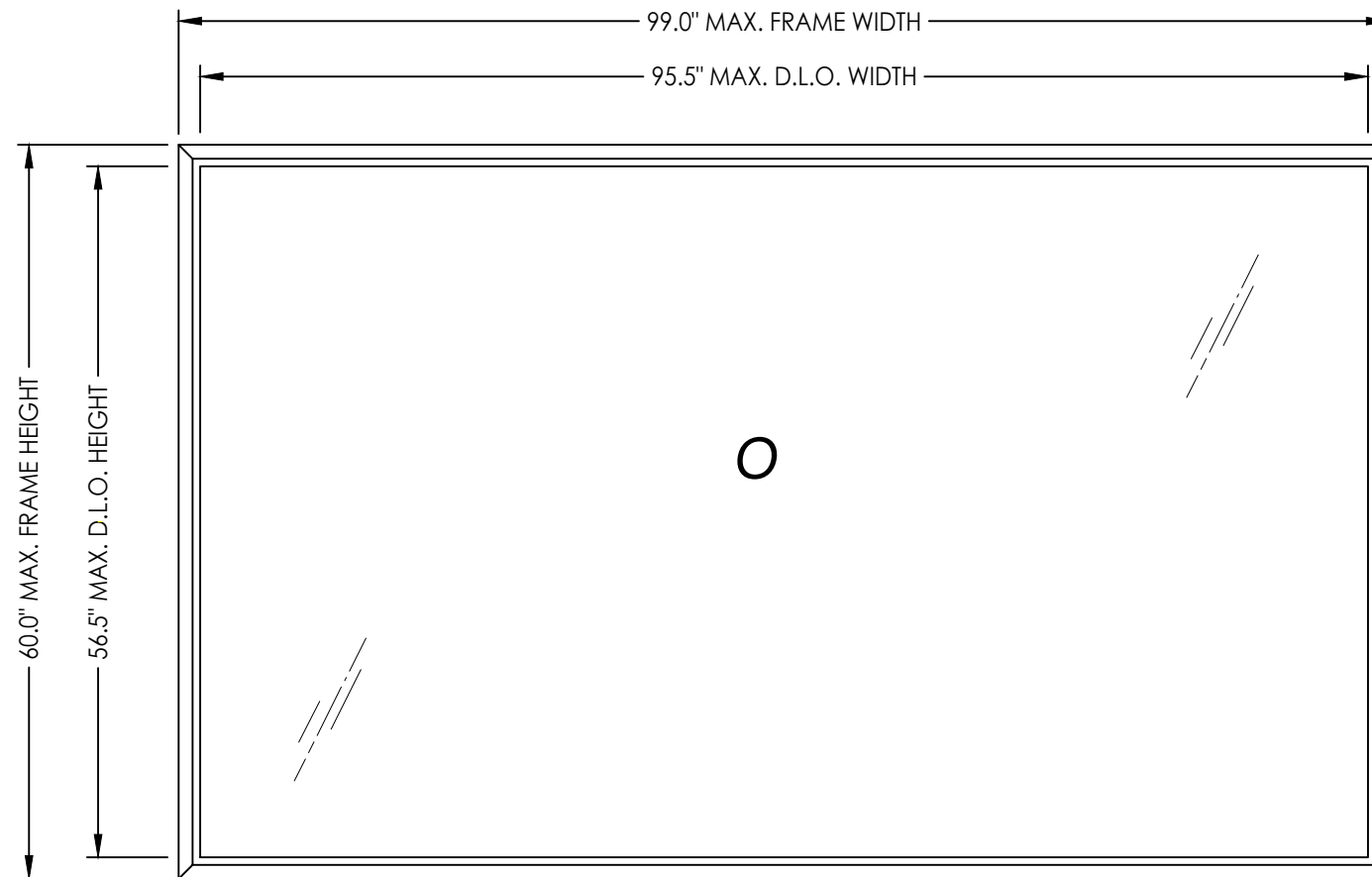
6400 Series
EXTRUDED THERMALLY BROKEN
FIXED ALUMINUM WINDOW
"NON-IMPACT"

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.

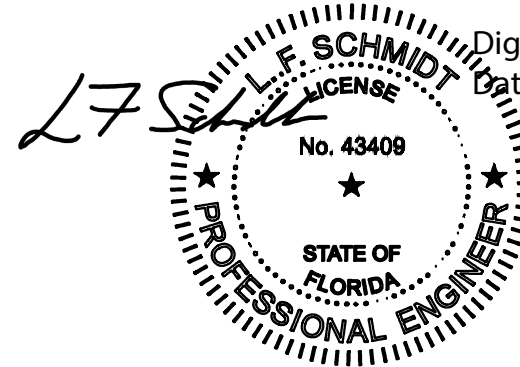
TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevation, general notes and design pressures
2	Horizontal and vertical cross sections
3	Buck and frame anchoring - 2X buck
4	Frame anchoring - 1X buck / direct to masonry
5	Bill of materials, glazing detail and components



HORIZONTAL ORIENTATION SHOWN
(VERTICAL ORIENTATION ALSO APPROVED)

MAX. O.A. DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
99.0" X 60.0"	95.5" X 56.5"	G1	+ 80.0	- 80.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 11:53:17 -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

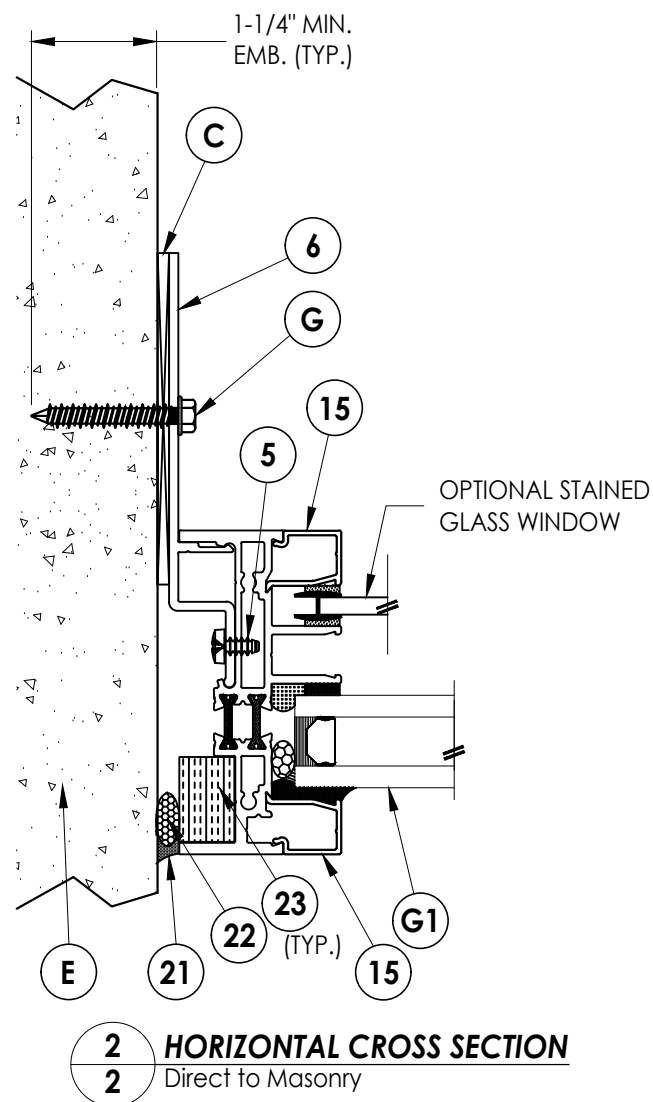
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: J. SUSSMAN, INC.
6400 SERIES WINDOW

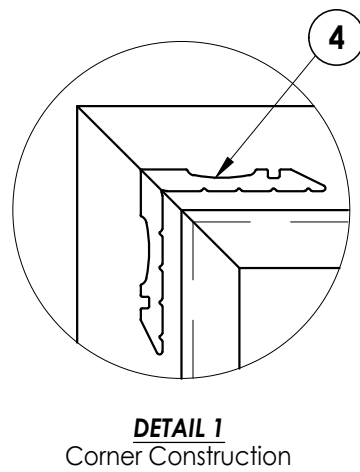
PART OR ASSEMBLY:
TYPICAL ELEVATION, GENERAL
NOTES & DESIGN PRESSURES

NO.	DATE	REVISIONS			
		DATE	BY	REVISIONS	
4	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/26/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/17/18	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	1/25/12	UPDATE TO 2010 FBC		KV	

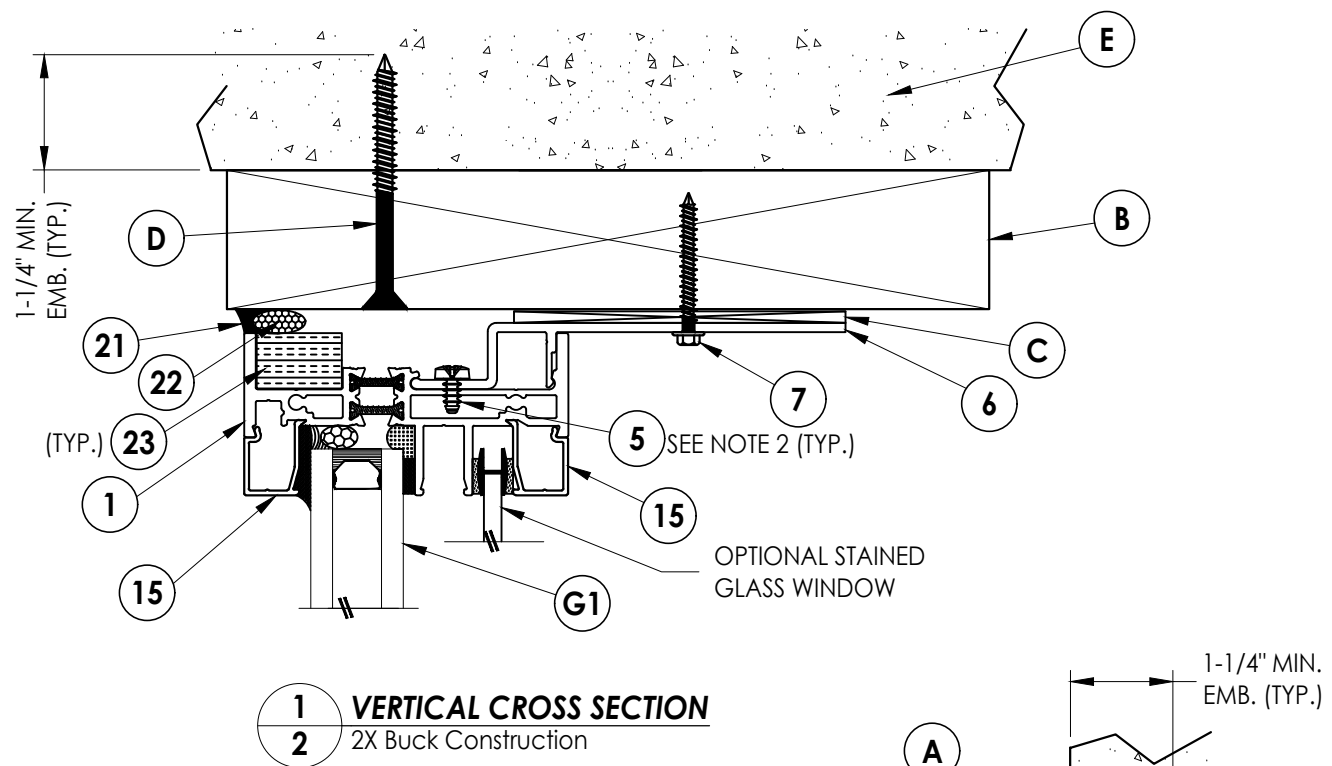
DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14163.4
SHEET 1 OF 5



2 **HORIZONTAL CROSS SECTION**
2 Direct to Masonry

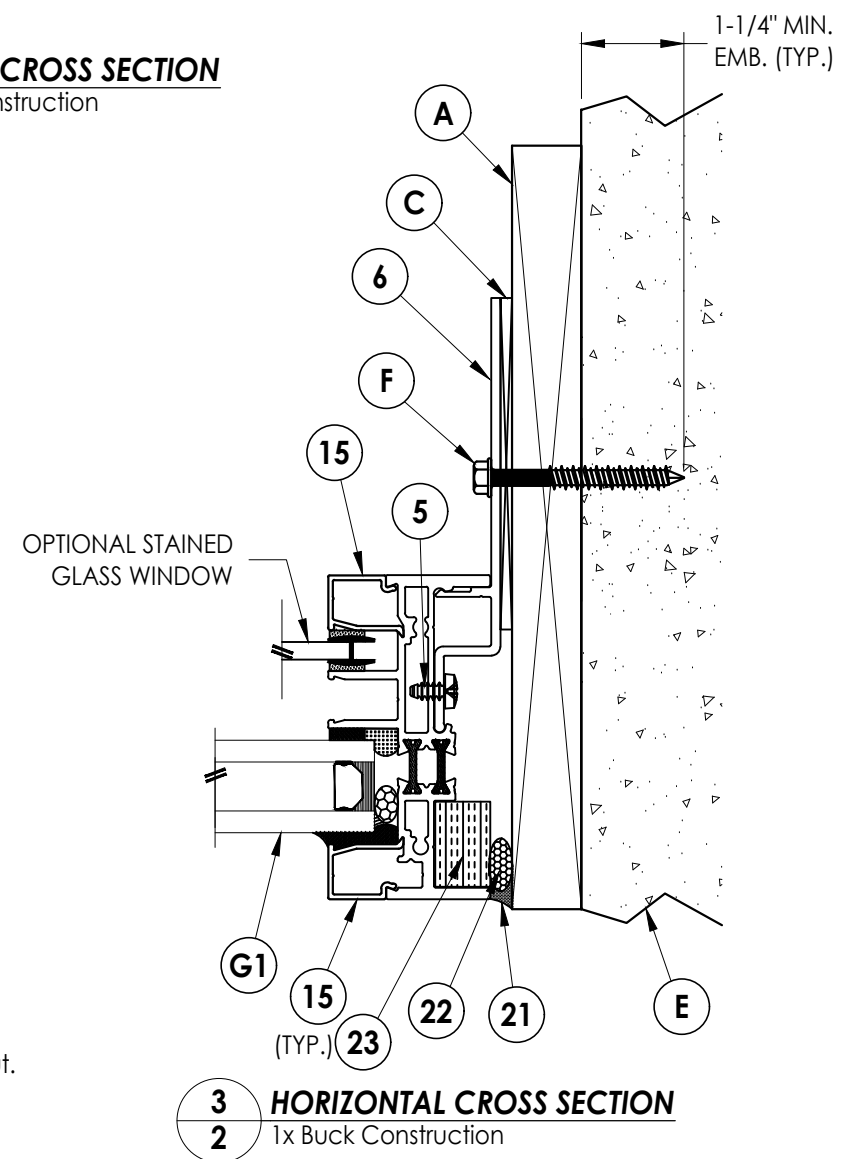


1. Glazing stop secured to frame with item #8 or #12 spaced 12" o.c. throughout.
2. Anchor strap secured to frame with item #5, one per strap.



1 VERTICAL CROSS SECTION

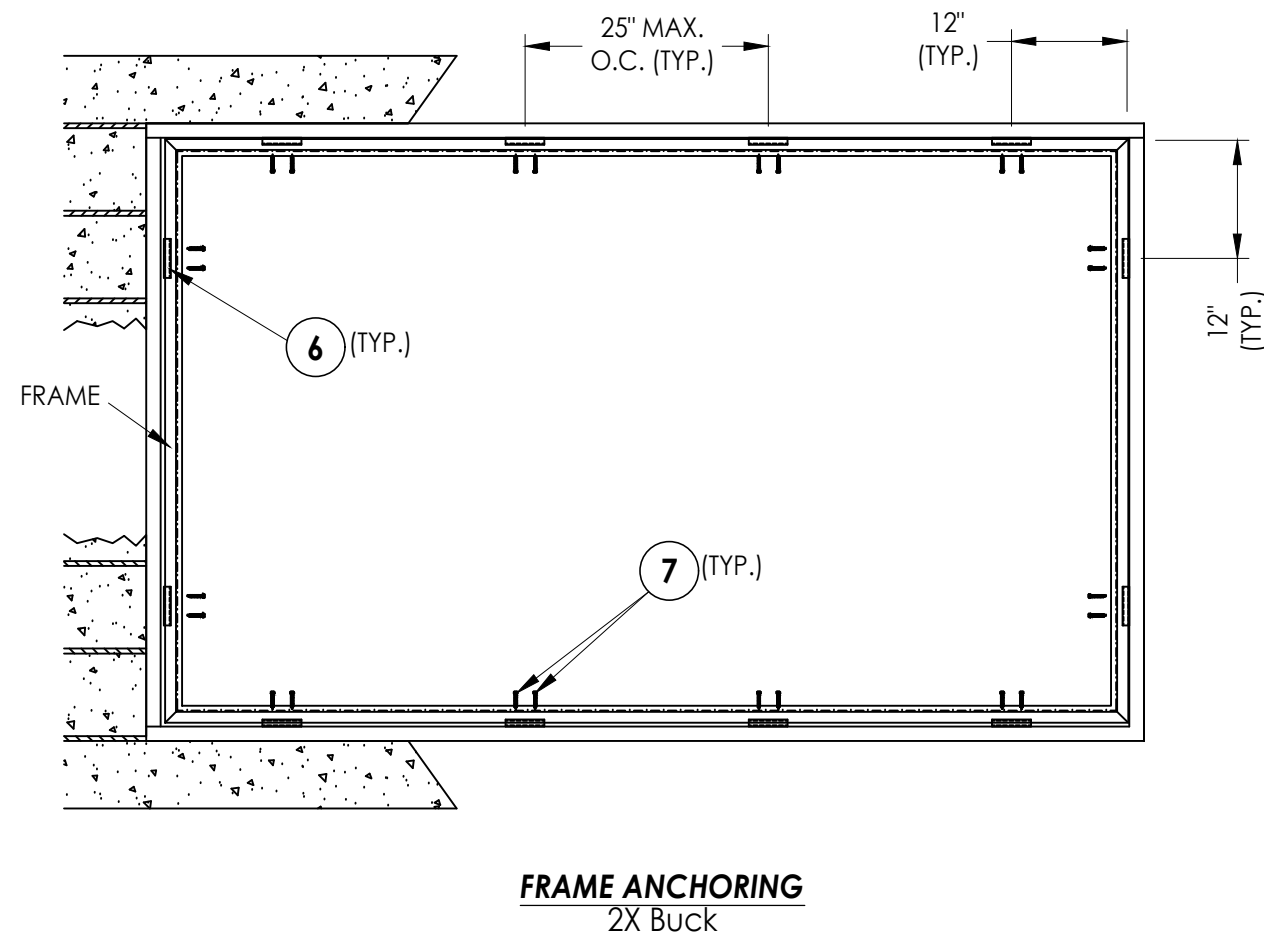
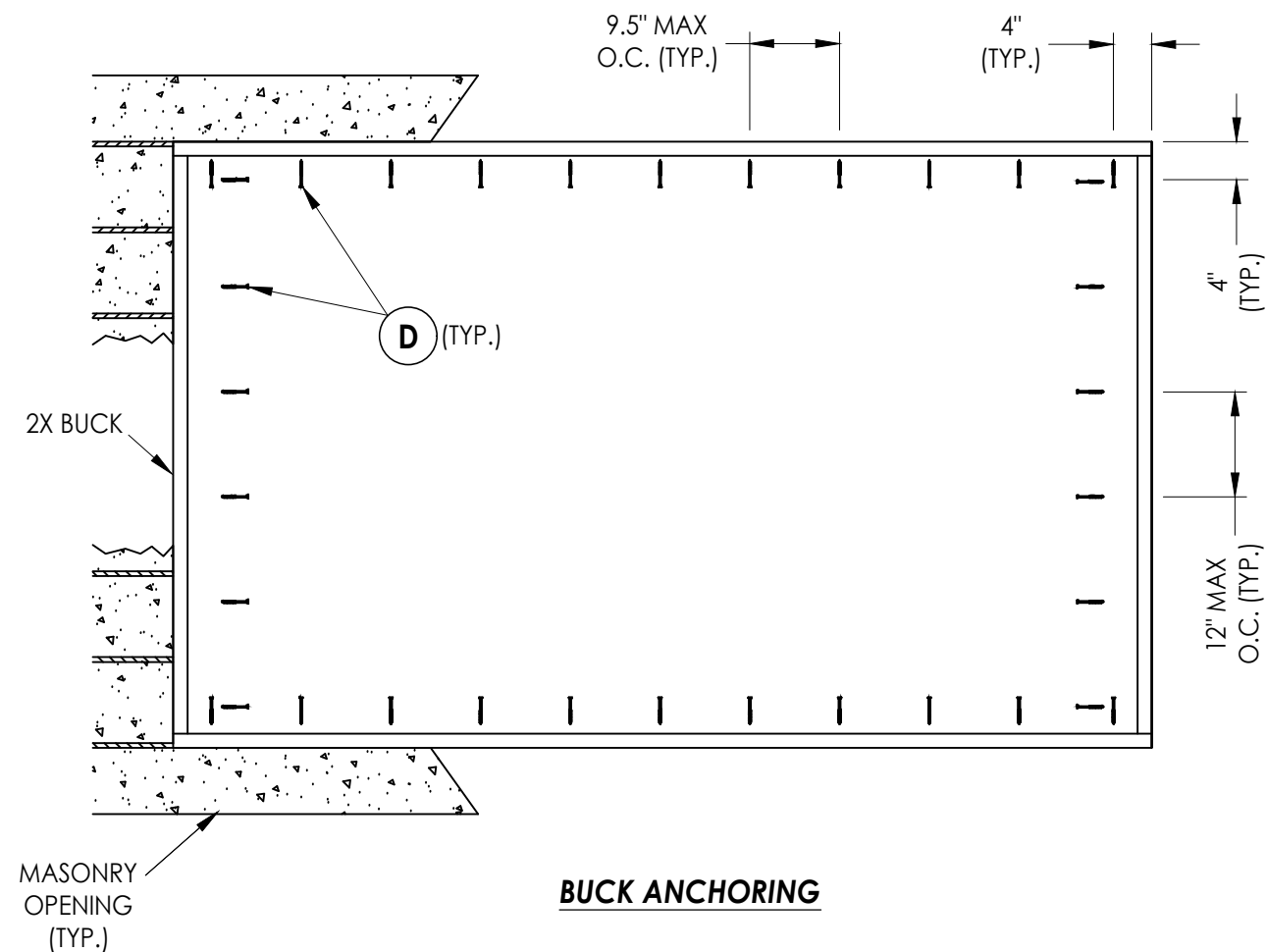
2 2X Buck Construction



3 HORIZONTAL CROSS SECTION

2 1x Buck Construction

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					
R ^{gW}					
PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW					
PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS					
4	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/26/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/17/18	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	1/25/12	UPDATE TO 2010	FBC	KV	
NO.	DATE			BY	
					REVISIONS
DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.4					
SHEET 2 OF 5					



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. 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.
3. Concrete anchor table:

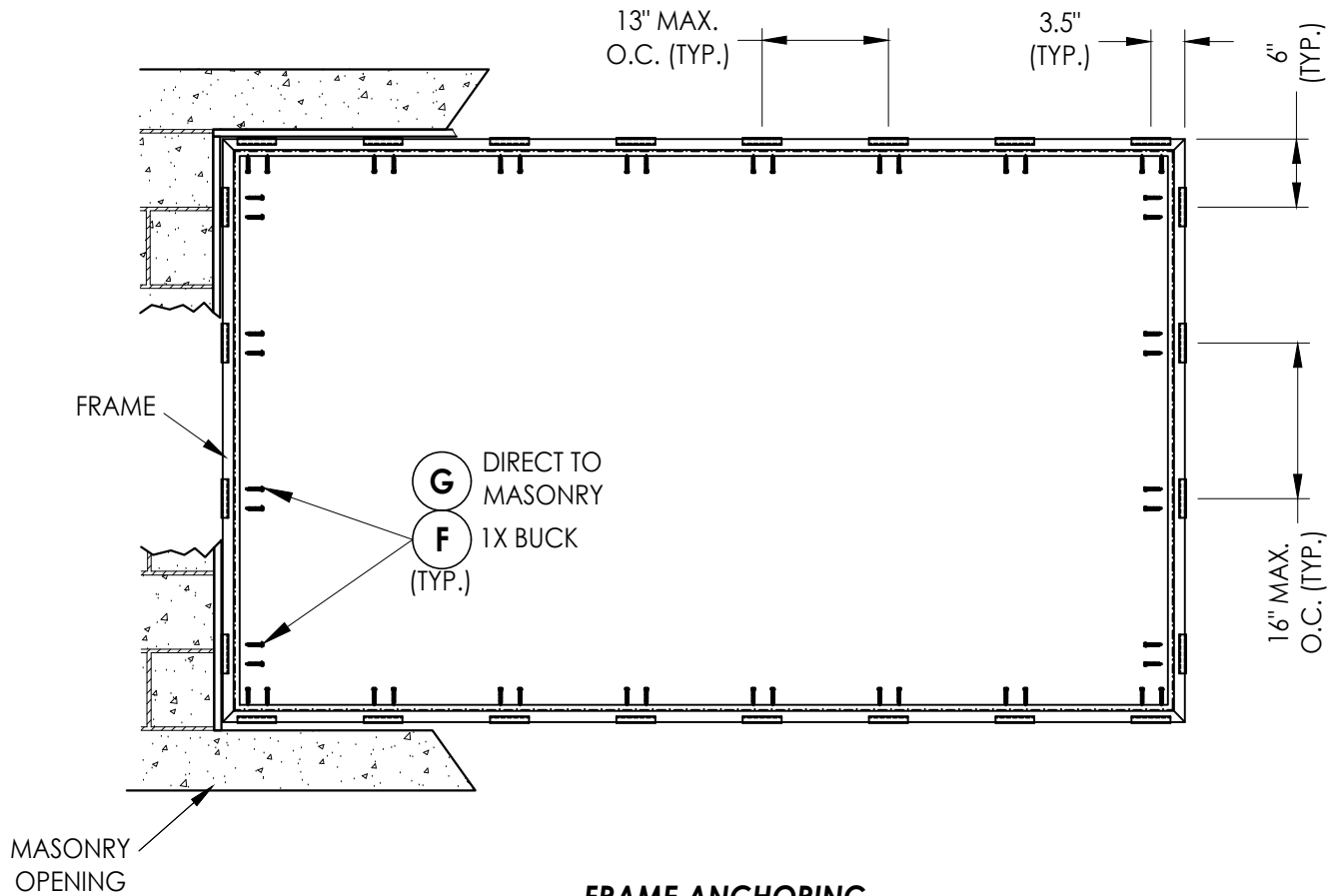
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.

[illegible]

PRODUCT:	J. SUSSMAN INC. 6400 SERIES WINDOW	Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409
PART OR ASSEMBLY:	BUCK AND FRAME ANCHORING— 2X BUCK	<i>RW</i> BUILDING CO. P.O. Box 23 Phone No.: 5895 Berwick



FRAME ANCHORING

1X Buck
Direct to masonry
(Up to 65 psf. max.)

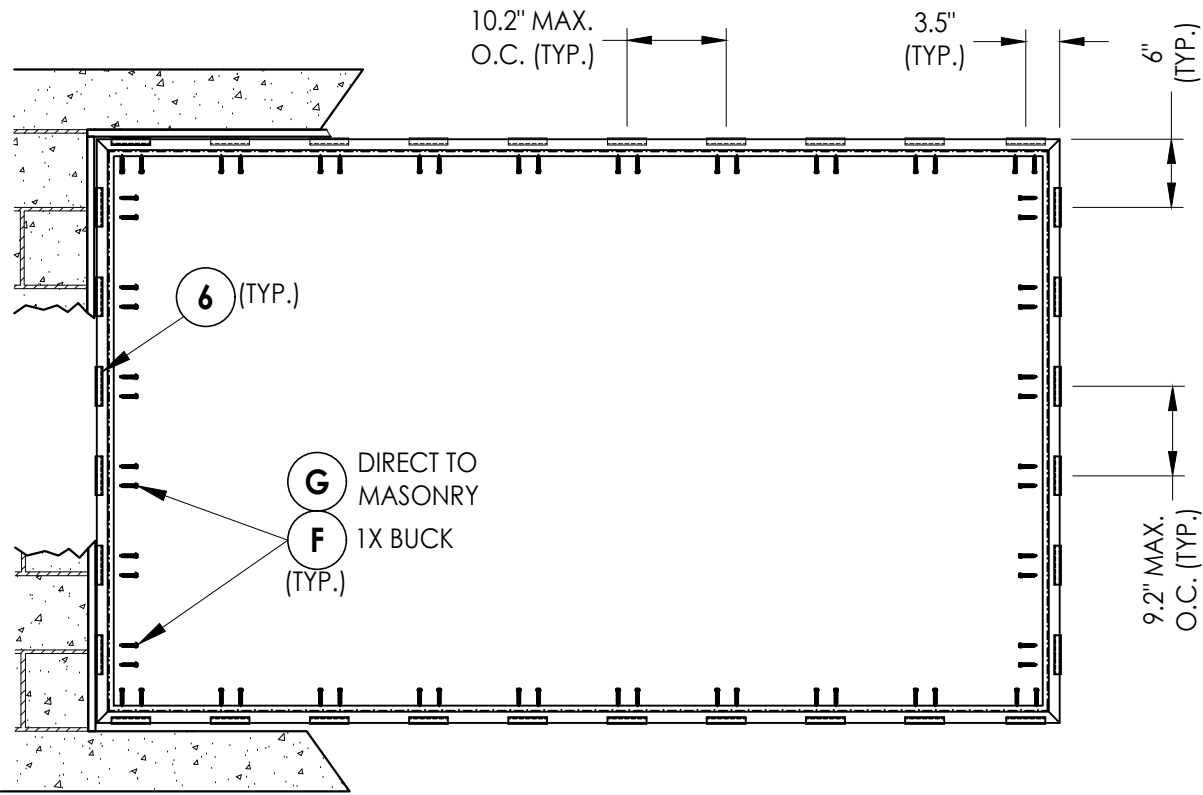
CONCRETE ANCHOR NOTES:

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. 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.
3. Concrete anchor table:

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

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.



FRAME ANCHORING

1X Buck
Direct to masonry
(Up to 80 psf. max.)

DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.4					
SHEET 4 OF 5					

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

PART OR ASSEMBLY:
FRAME ANCHORING-
1X BUCK / DIRECT TO MASONRY

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

