

J. Sussman, Inc.

109-10 180th St. Jamaica, NY 11433

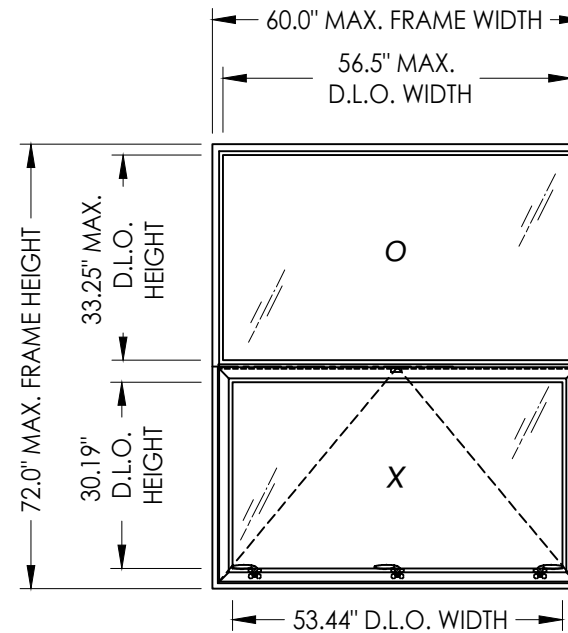
6400 Series EXTRUDED THERMALLY BROKEN ALUMINUM WINDOW FIXED OVER AWNING/HOPPER "NON-IMPACT"

GENERAL NOTES

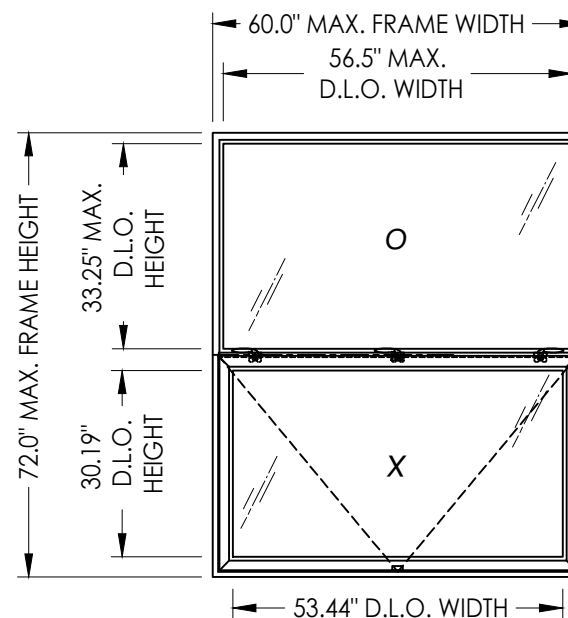
- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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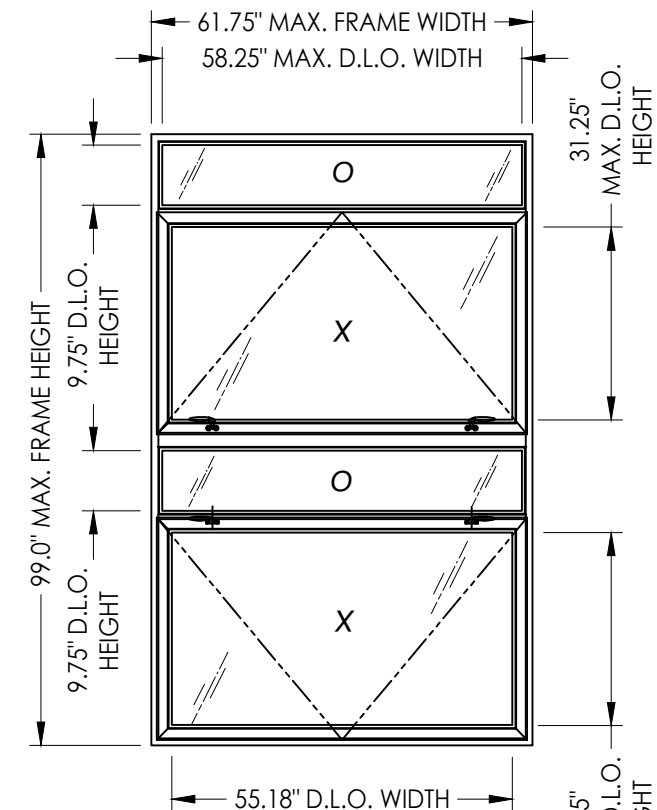
SHEET#	DESCRIPTION
1	Typical elevations, general notes and design pressures
2	Elevations
3	Vertical cross sections
4	Horizontal cross sections
5	Buck anchoring
6	Frame anchoring
7	Frame anchoring
8	Bill of materials, glazing detail and components



UNIT 1

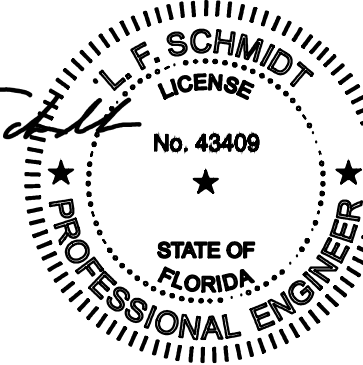


UNIT 2



UNIT 3

UNIT	MAX. O.A. DIMENSION	MAX. D.L.O. DIMENSION (FIXED)	MAX. D.L.O. DIMENSION (OPERABLE)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
UNIT 1	60.0" X 72.0"	56.5" X 33.25"	53.44" X 30.19"	G1	+ 65.0	- 65.0
UNIT 2	60.0" X 72.0"	56.5" X 33.25"	53.44" X 30.19"	G1	+ 65.0	- 65.0
UNIT 3	61.75" X 99.0"	58.25" X 9.75"	55.18" X 31.25"	G1	+ 70.0	- 70.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 11:53:51 -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: J. SUSSMAN, INC.
6400 SERIES WINDOW

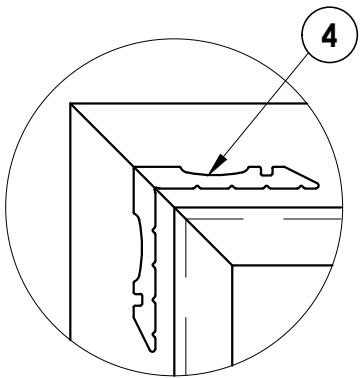
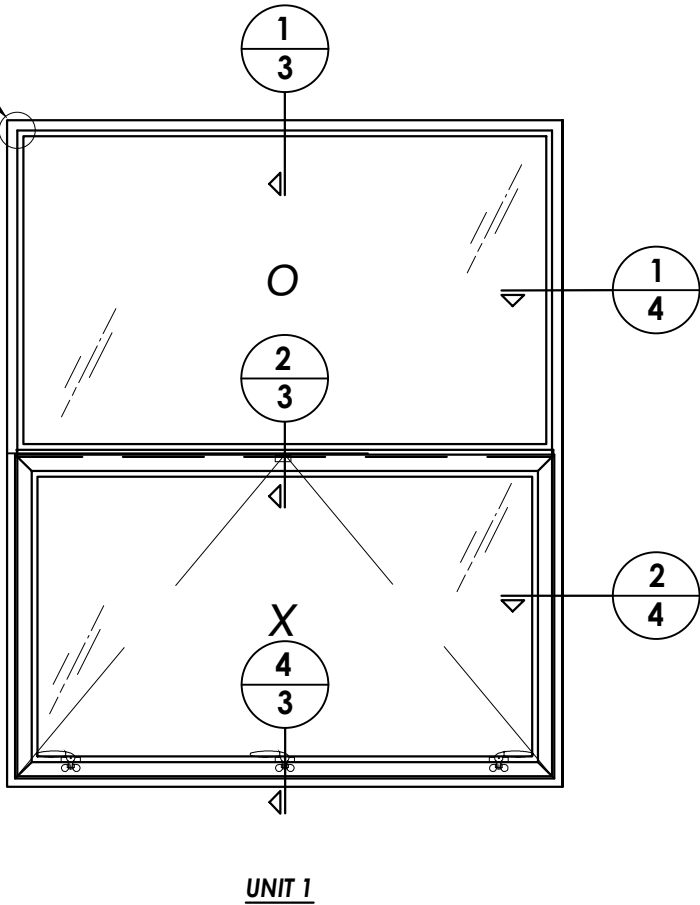
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

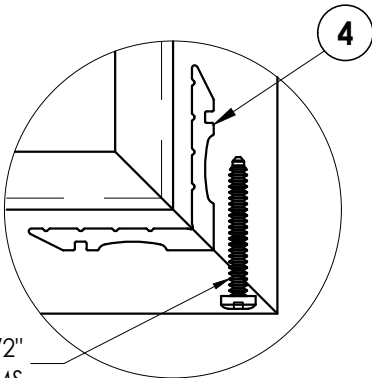
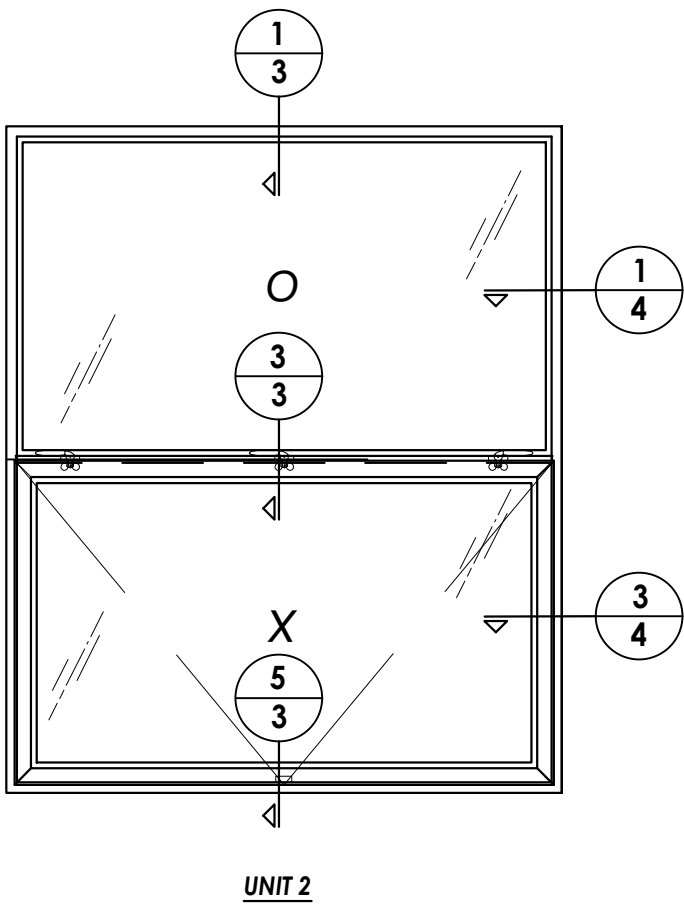
NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	
4	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/26/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/17/18	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	1/25/12	UPDATE TO 2010 FBC		KV	
DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.6					
SHEET 1 OF 8					

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SEE DETAIL 1
(TYP.)

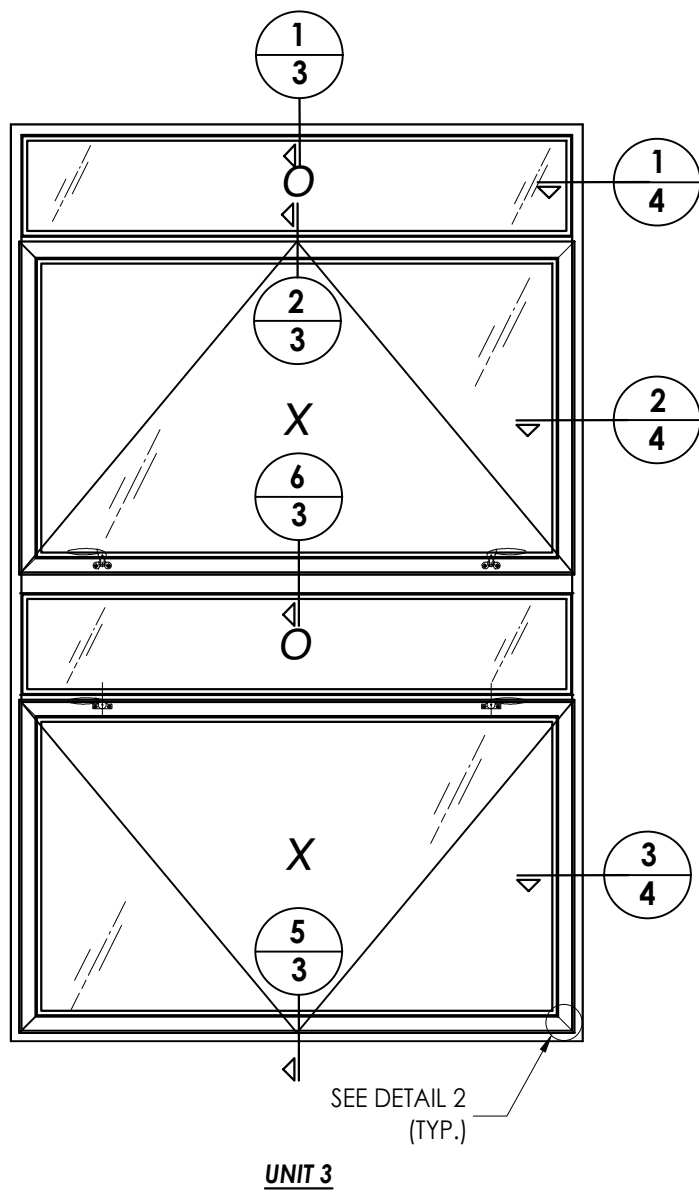


DETAIL 1
Corner Construction
(Frame)

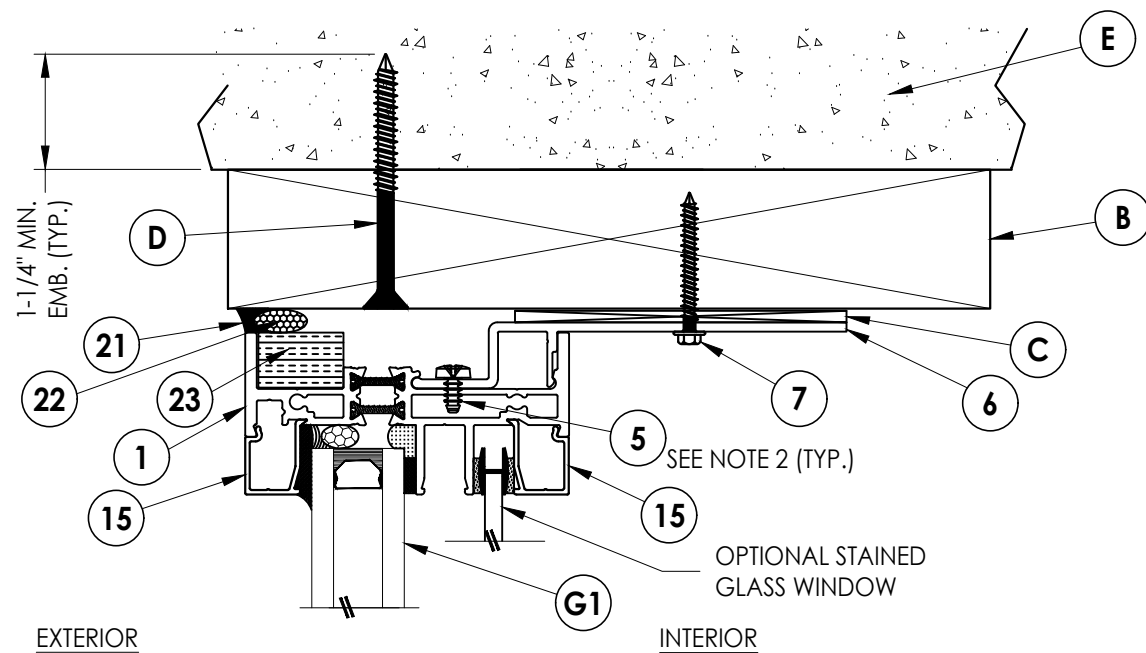


#10 x 1-1/2"
PH SMS

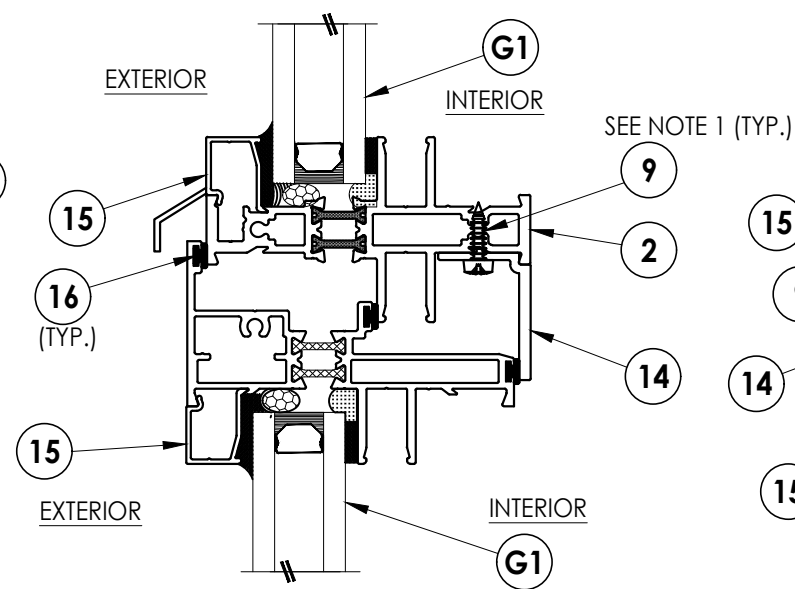
DETAIL 2
Corner Construction
(Vent sash)



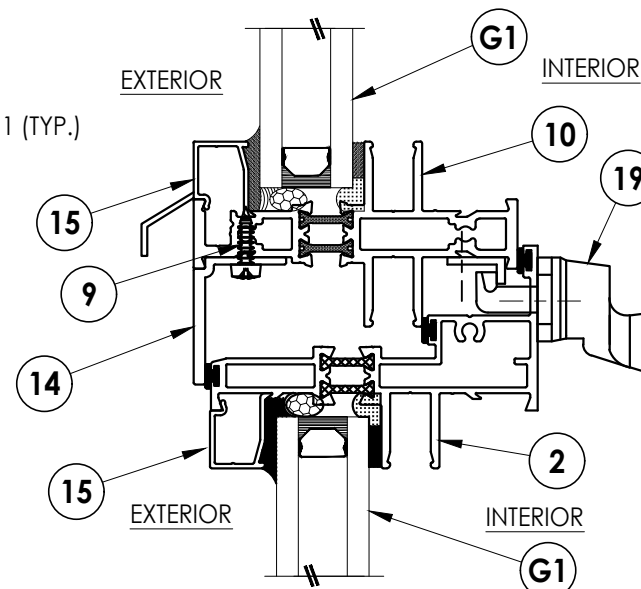
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW		PART OR ASSEMBLY: ELEVATIONS		REVISIONS			
4	8/29/23	UPDATE TO 8TH ED. (2023)	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			
	NO.	DATE		BY			
DATE: 10/18/10							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14163.6							
SHEET 2 OF 8							



1 3 **VERTICAL CROSS SECTION** 2X Buck Construction



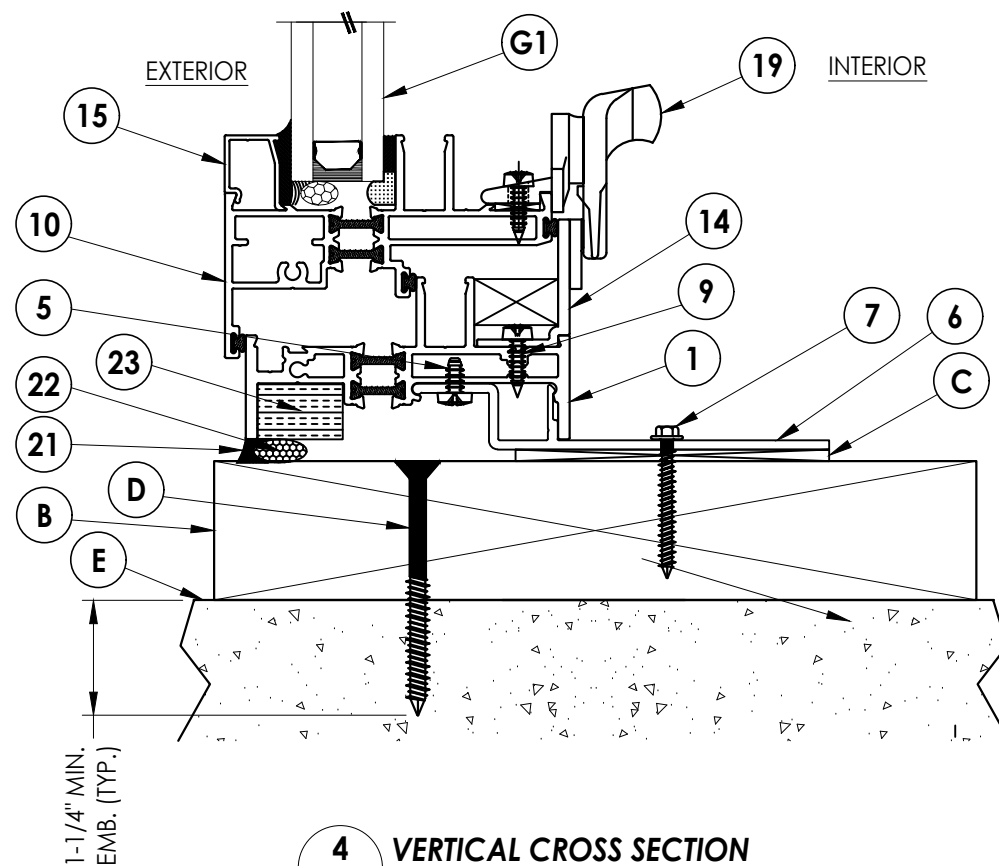
2 VERTICAL CROSS SECTION



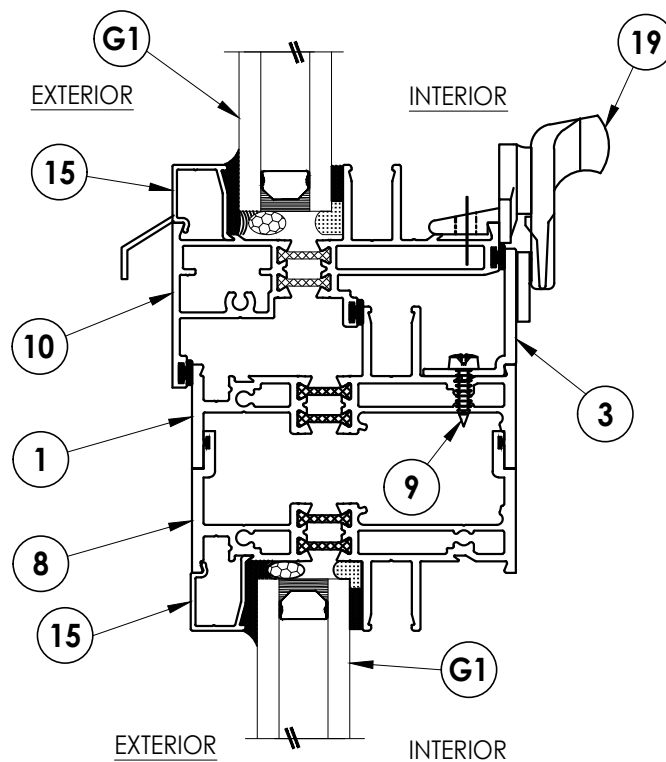
3 **VERTICAL CROSS SECTION**

NOTES:

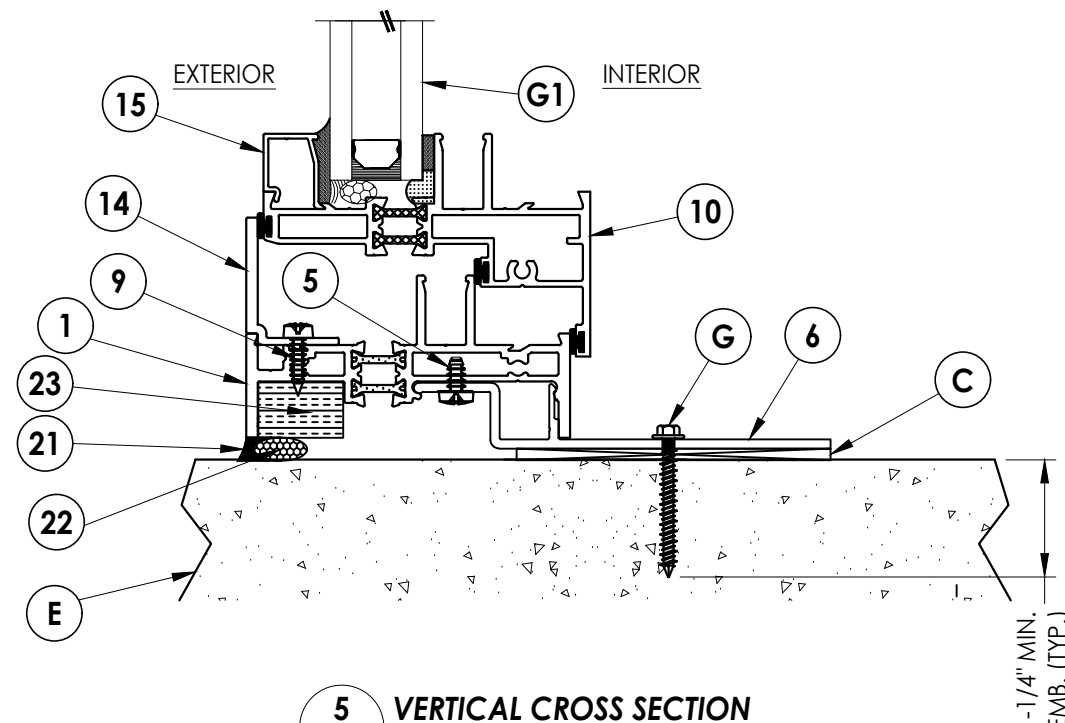
1. Vent adapter secured to frame with item 9, 5 each at head and sill and 2 each at jambs (equally spaced).
2. Anchor strap secured to frame with item #5, one per strap.



4 **VERTICAL CROSS SECTION**
3 2X Buck Construction



6 3 VERTICAL CROSS SECTION



5 VERTICAL CROSS SECTION

3 Direct to Masonry

[illegible]

Documents Prepared By:
Lyndon F. Schmidt
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J. SUSSMAN INC.
6400 SERIES WINDOW

TEST OR ASSEMBLY:

VERTICAL CROSS SECTIONS

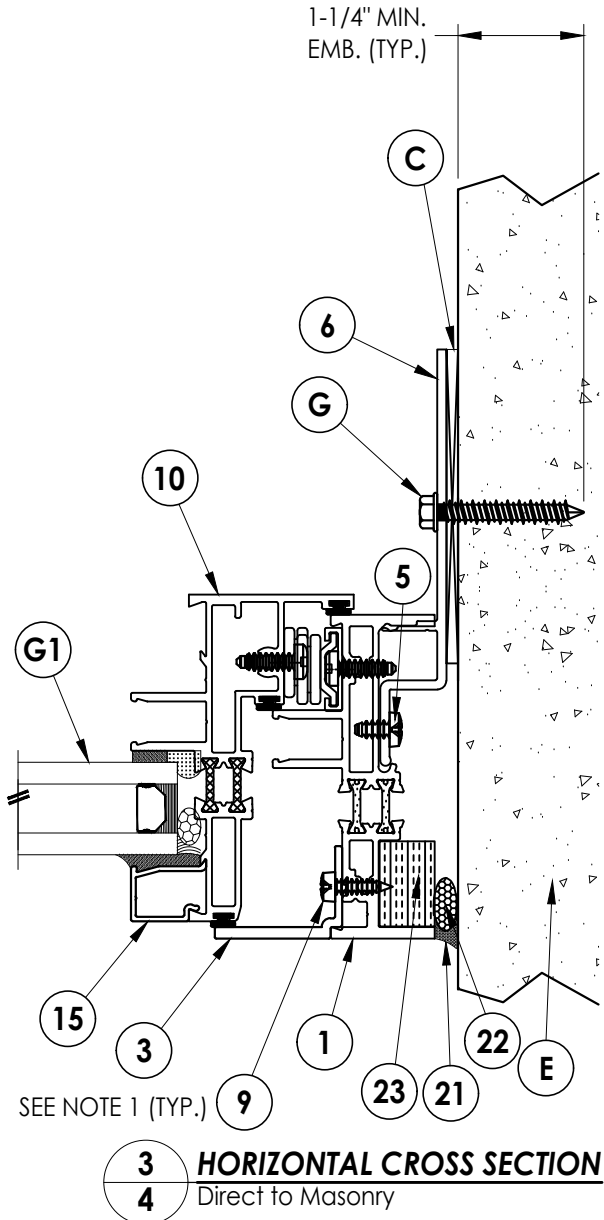
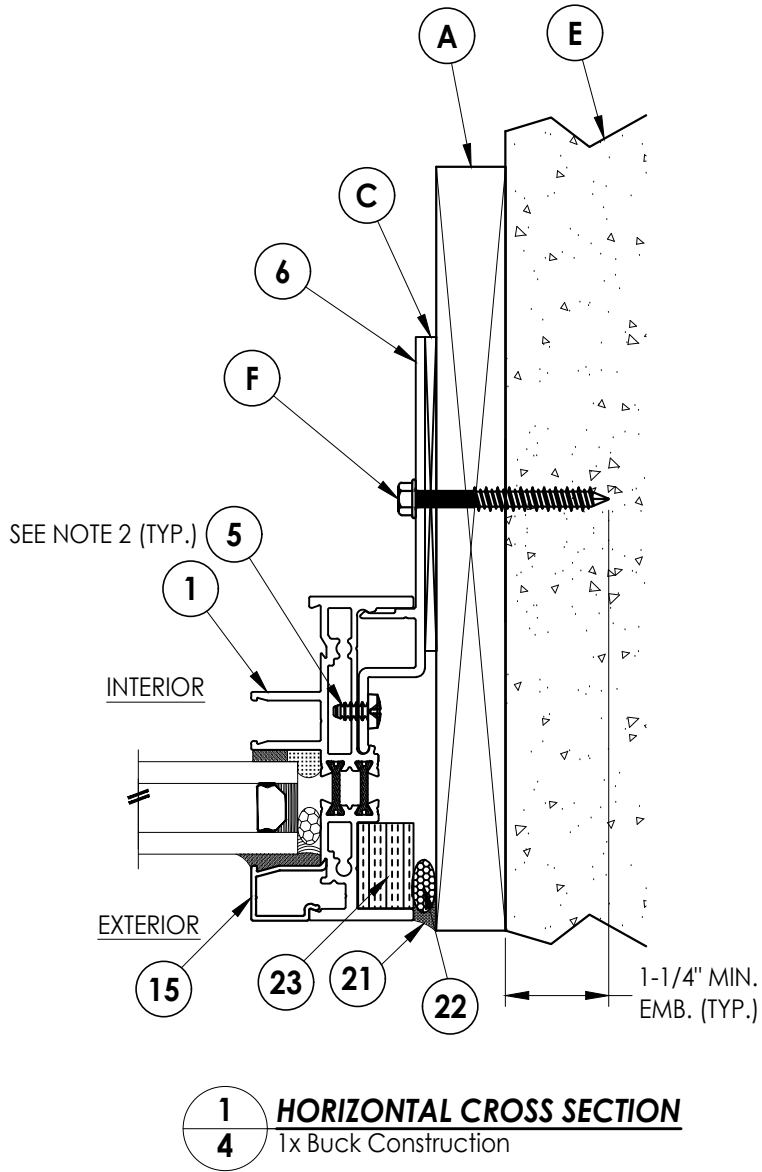
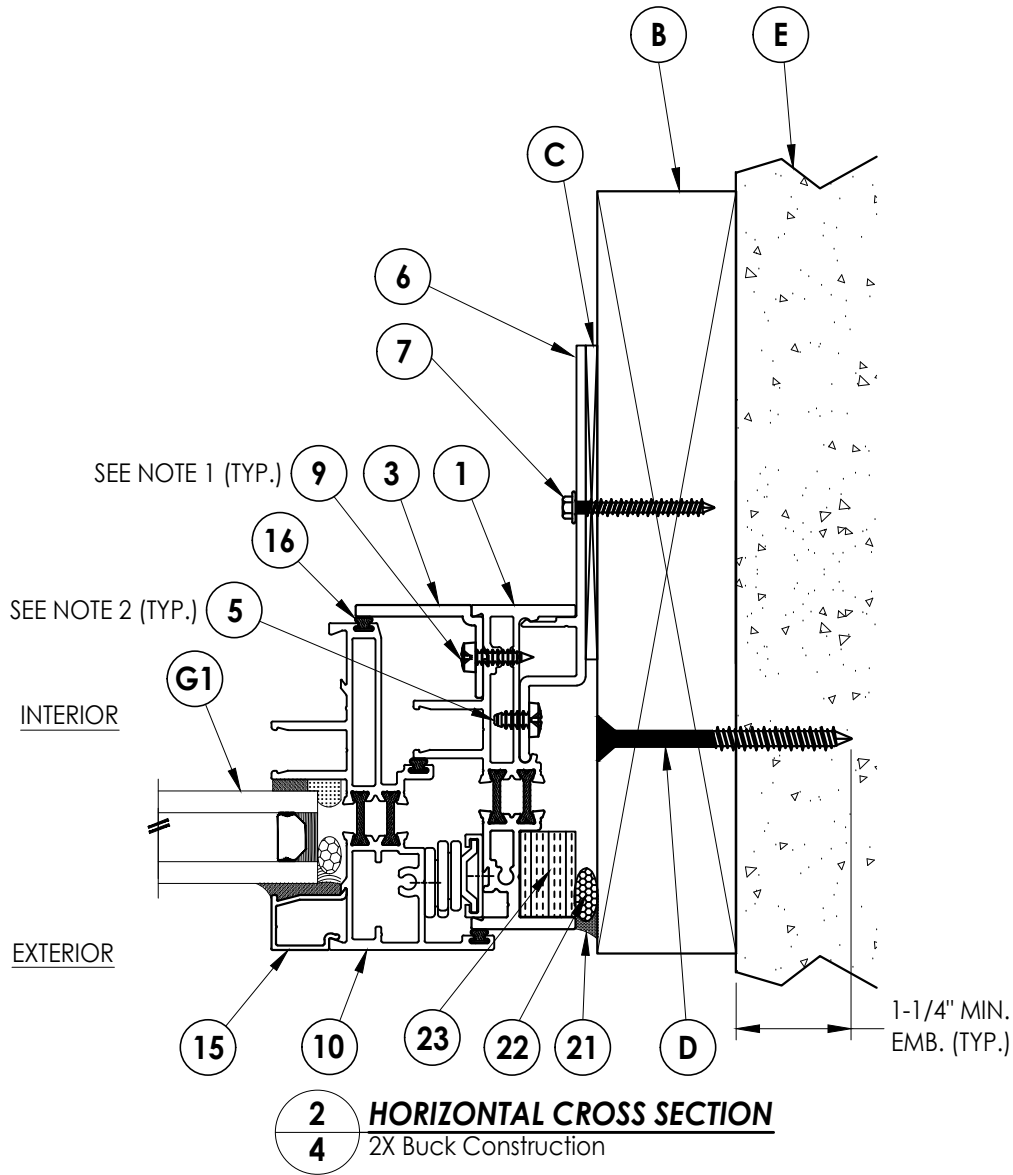
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^N BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
Phone No.: 813.659.9197
FBPE Registry No. 9813

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NOTES:

1. Vent adapter secured to frame with item 9, 5 each at head and sill and 2 each at jambs (equally spaced).
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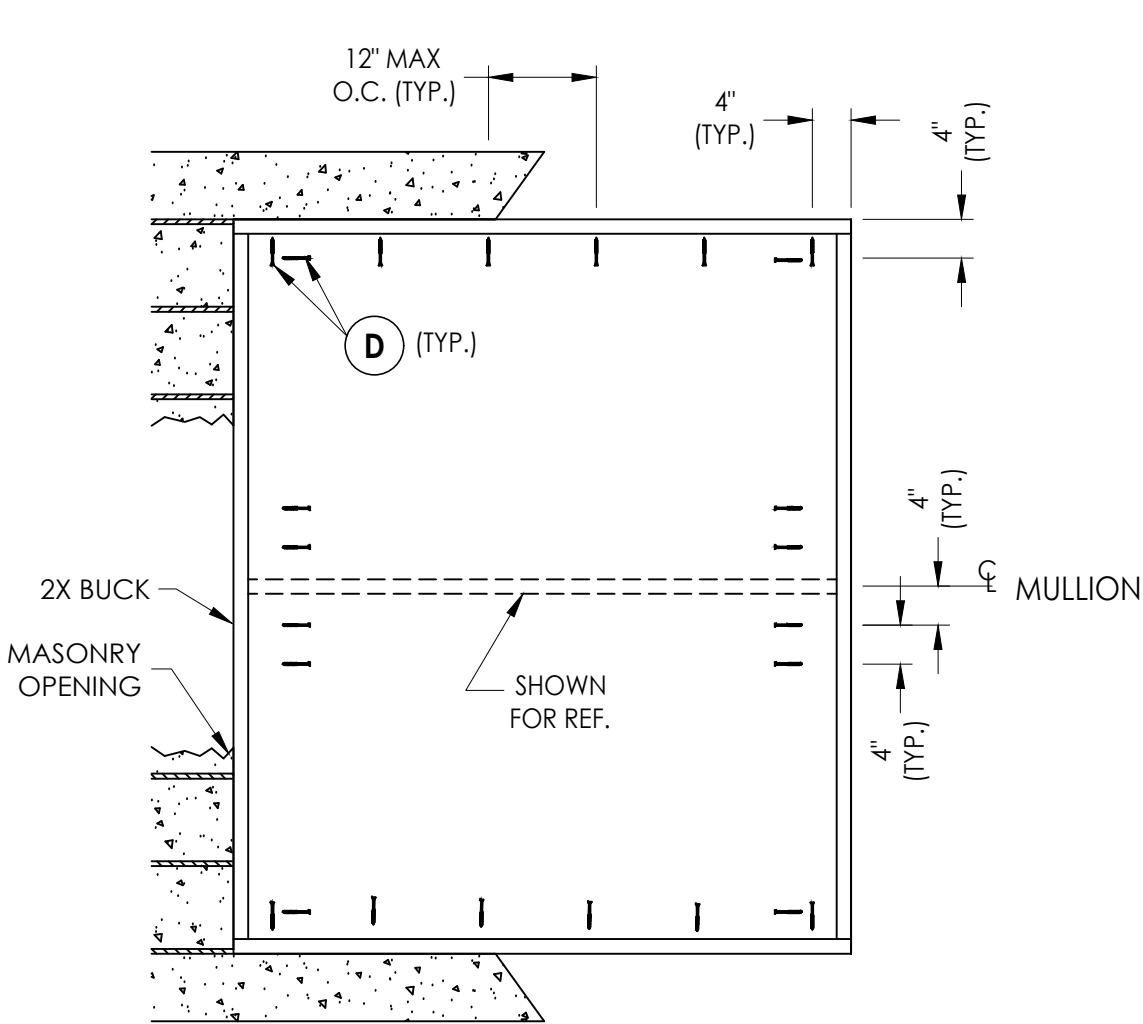
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3	8/26/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/17/18	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	1/25/12	UPDATE TO 2010 FBC		KV	
				BY	

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14163.6
SHEET 4 OF 8

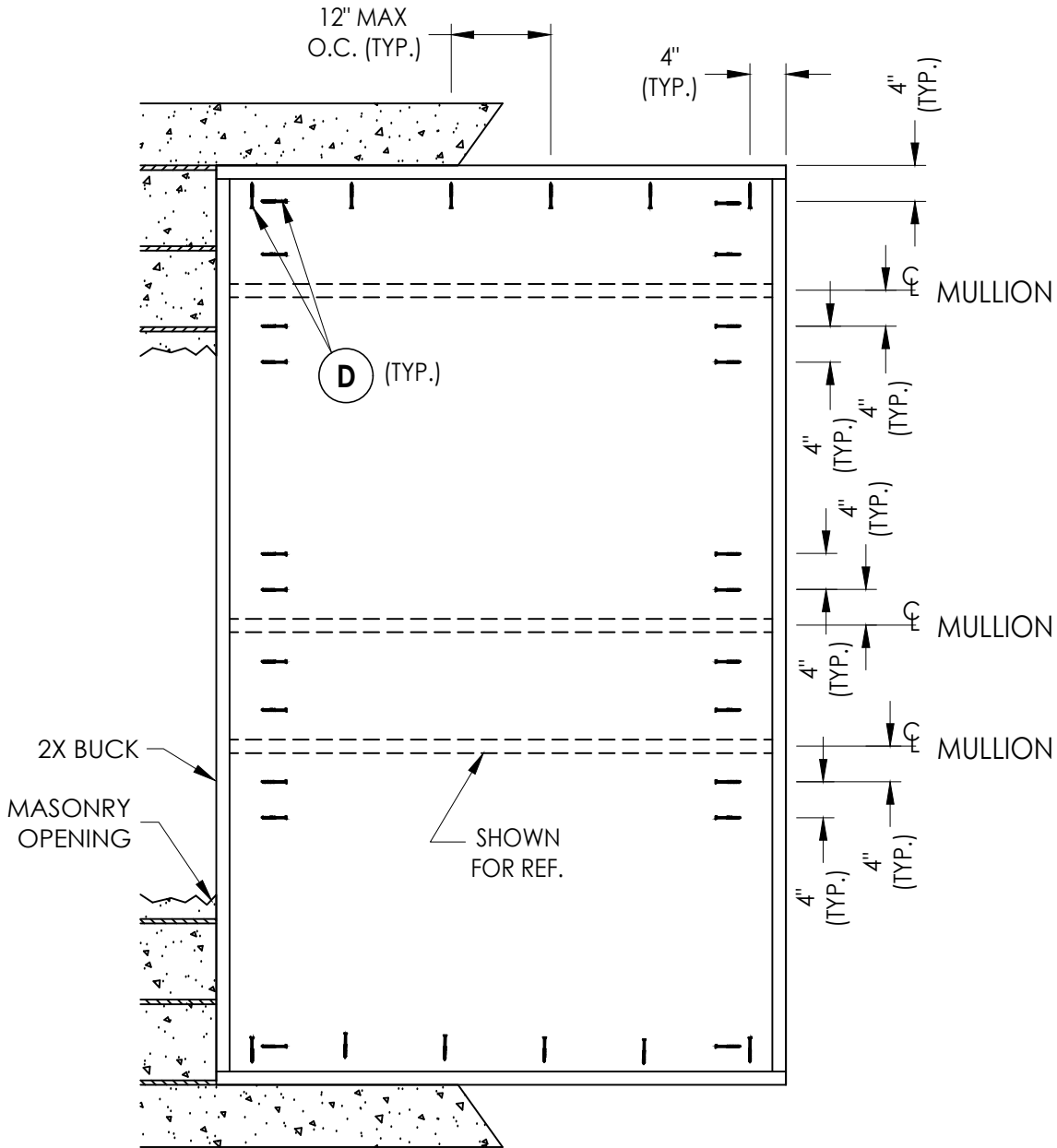
PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

Documents Prepared By:
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BUCK ANCHORING
Unit 1 & 2



BUCK ANCHORING
Unit 3

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:

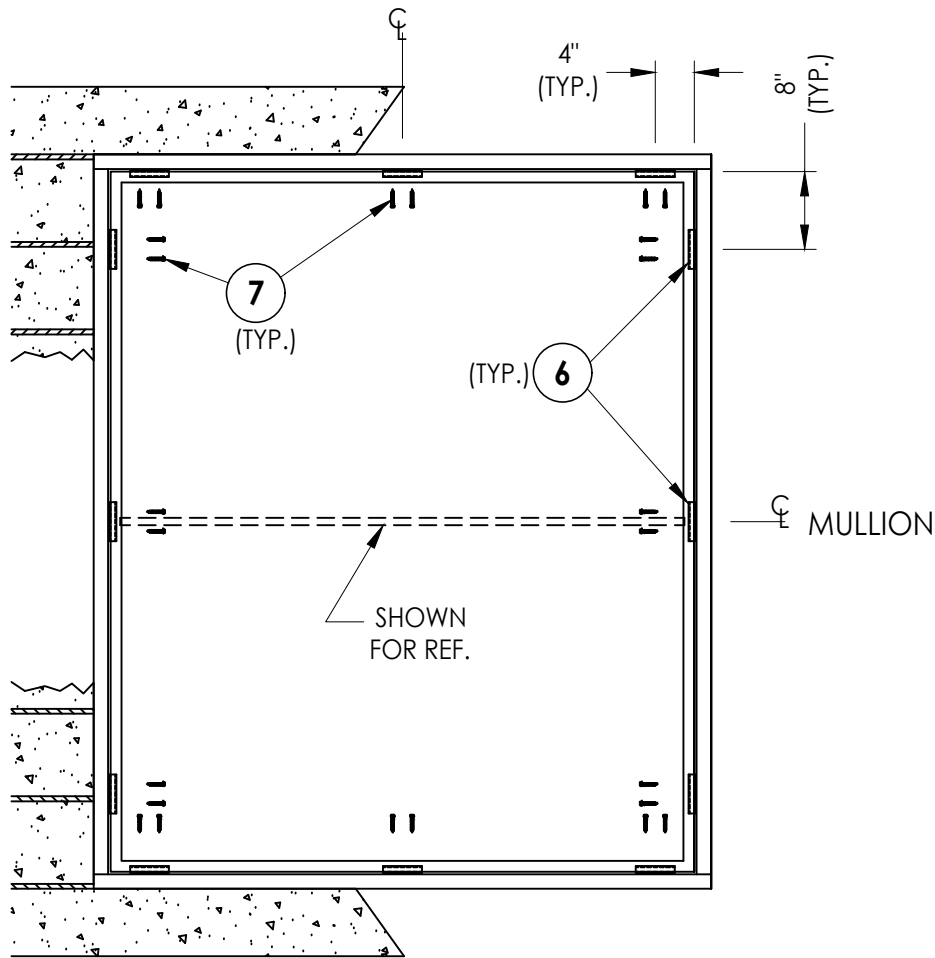
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"

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		J. SUSSMAN INC. 6400 SERIES WINDOW		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PART OR ASSEMBLY: BUCK AND FRAME ANCHORING— 2X BUCK		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
		NO.	DATE		BY
DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.6					
SHEET 5 OF 8					

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BUCK ANCHORING

2X Buck
Unit 1 & 2

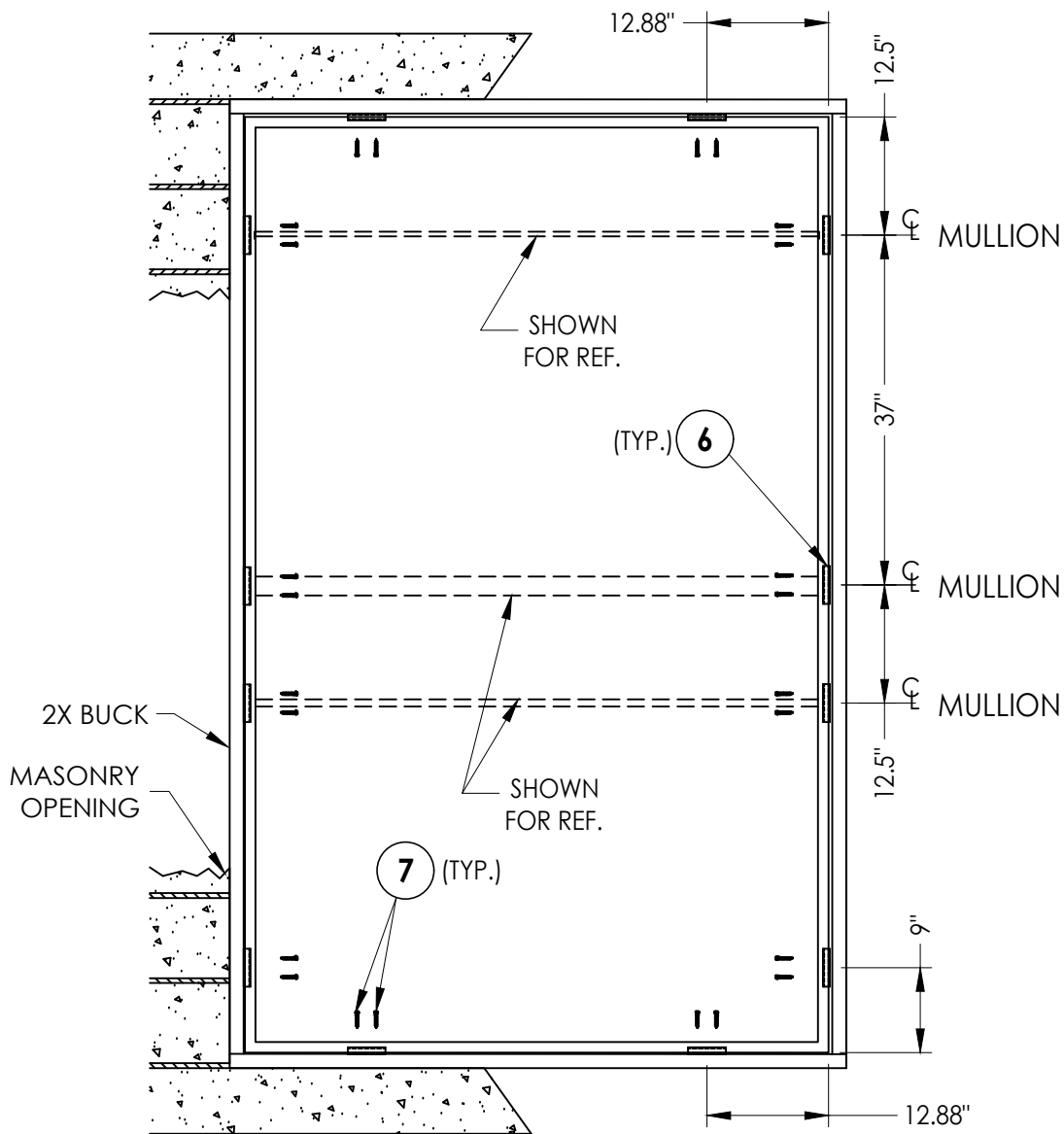
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BUCK ANCHORING

2X Buck
Unit 3

Documents Prepared By:
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FBPE Registry No. 9813

RW

PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW

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

NO.	DATE	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

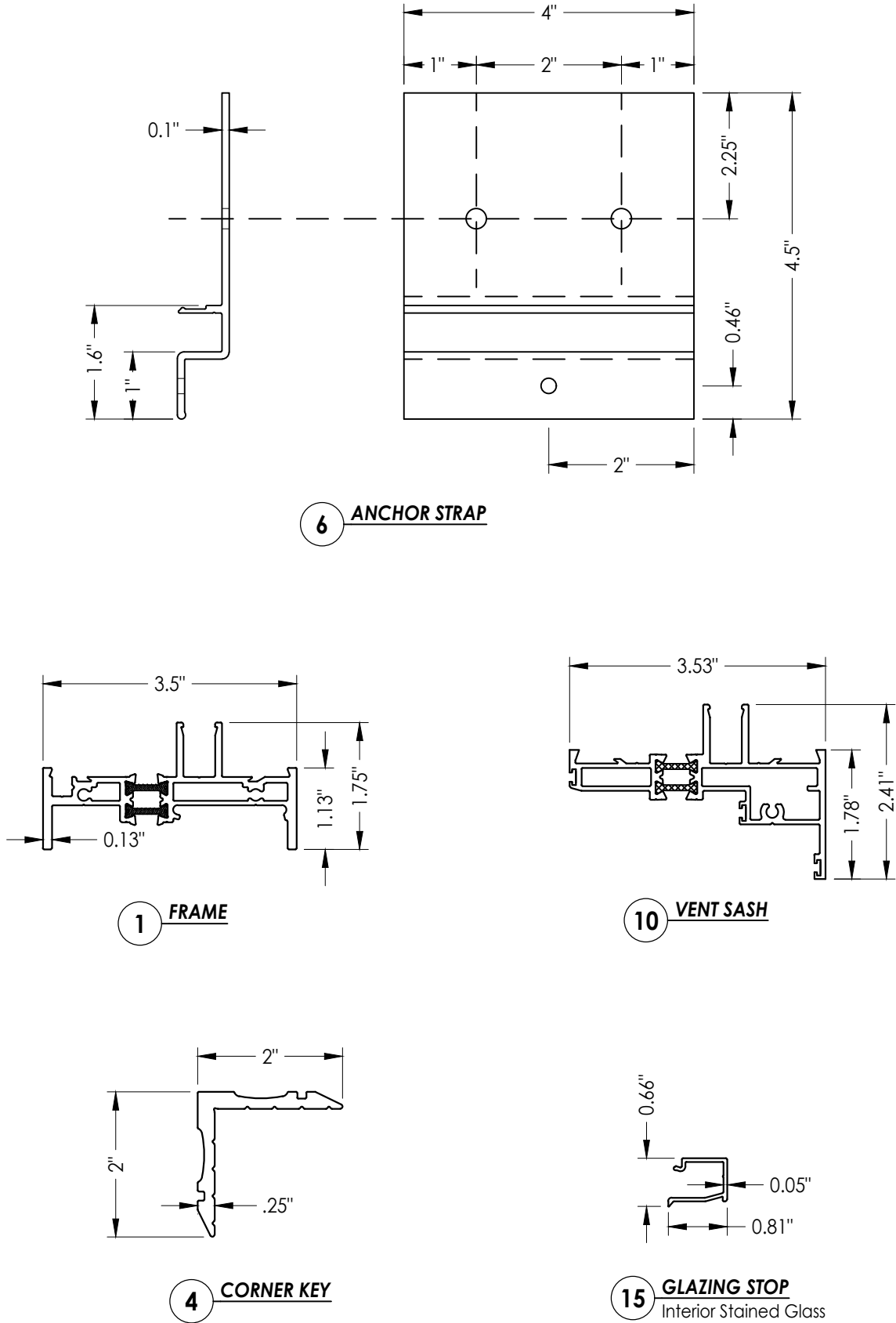
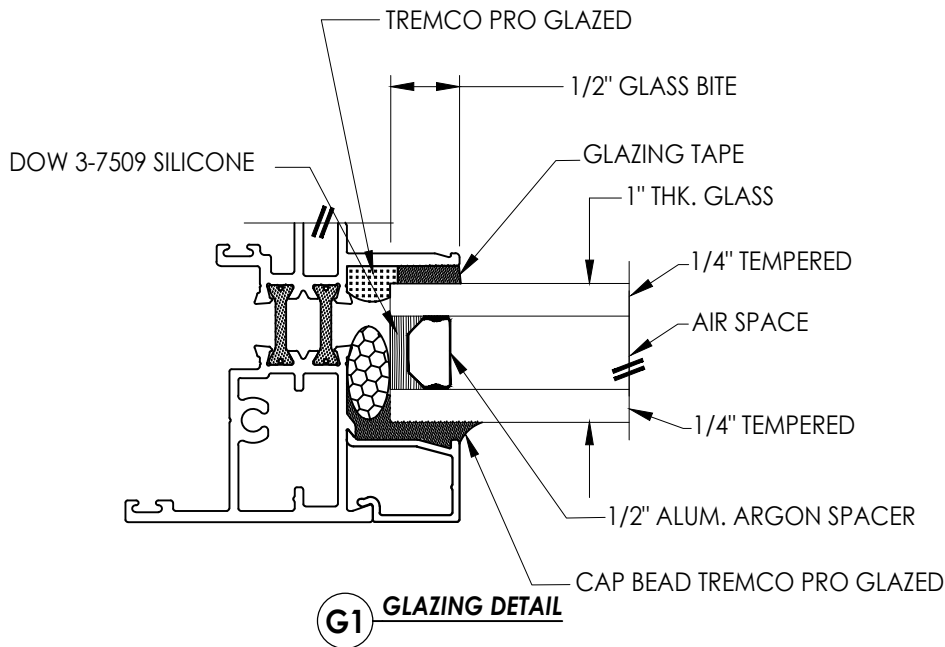
DRAWING NO.:

FL-14163.6

SHEET 6 OF 8

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/8" 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
F	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
G	3/16" X 1-1/2" ITW CONCRETE SCREW	STEEL
1	FRAME	ALUM/6063-T5
2	MULLION	ALUM/6063-T5
3	VENT ADAPTER	ALUM/6063-T5
4	CORNER KEY	ALUM/6063-T5
5	#10 X 3/8" PPH MACHINE SCREW	SS
6	ANCHOR STRAP (4" X 4-1/2")	ALUM/6063-T6
7	#14 X 1-1/2" HWH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
8	MULLION	ALUM/6063-T5
9	#10 X 5/8" PPH SELF TAPPING SCREW	SS
10	VENT SASH	ALUM/6063-T5
11	GLAZING STOP COVER	ALUM/6063-T5
12	#8 X 5/8" PPH MACHINE SCREW	SS
14	GLAZING STOP	ALUM/6063-T5
16	VENT GASKET (Q-LON)	-
19	SASH CAM LOCK	BRONZE
21	DOW 995	SILICONE
22	BACKING ROD	FOAM
23	PLYWOOD FILLER	PLYWOOD
27	HEAVY DUTY SNUBBER	-



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PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL AND COMPONENTS	
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-14163.6			
SHEET 8 OF 8			