

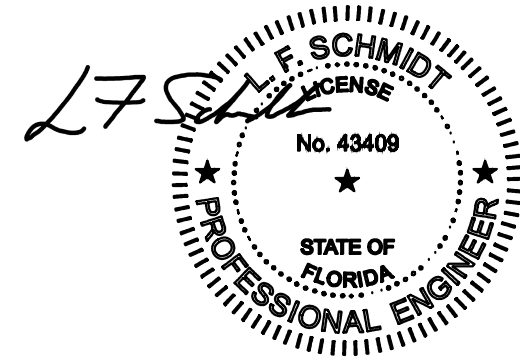
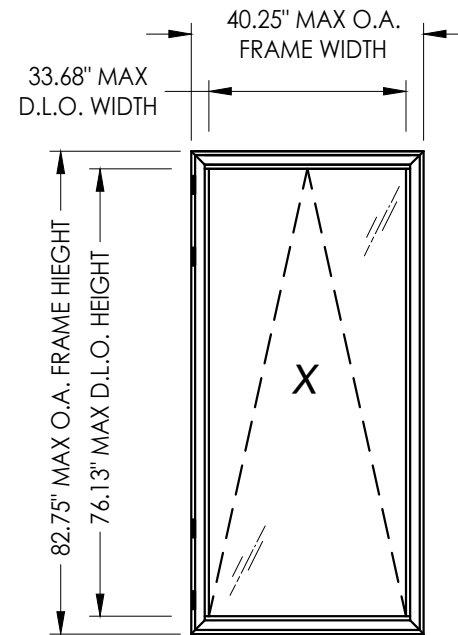


Series 350-T

Aluminum Awning Window

w/ Thermal Break Frame

"NON-IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2023.07.12 08:18:10 -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

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.

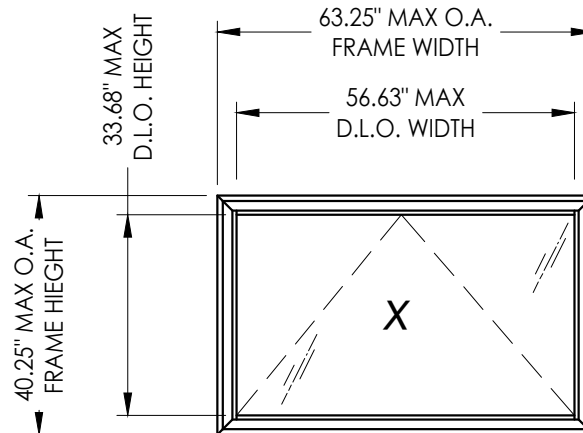


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3	Horizontal and vertical cross sections
4	Buck and frame anchoring
5	Buck and frame anchoring
6	Bill of materials, glazing detail and components

OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
40.25" X 82.75"	33.68" X 76.13"	G1	+65.0	-65.0
40.25" X 44.5"	33.68" X 37.88"	G1	+65.0	-65.0
63.25" X 40.25"	56.63" X 33.68"	G1	+65.0	-65.0

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

R.W.

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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

NO.	DATE	REVISIONS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC
5	12/08/21	SERIES NAME CHANGE
4	8/10/20	UPDATE TO 7TH ED. (2020) FBC
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC
2	8/22/16	RENUMBER DRAWINGS

DATE: 4/28/14

SCALE: N.T.S.

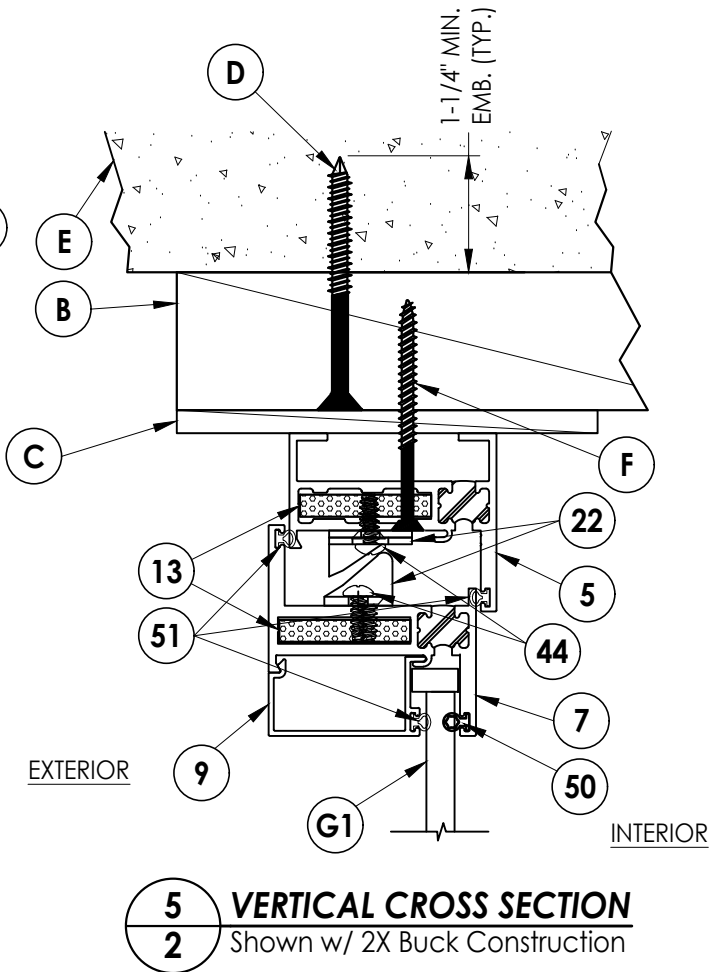
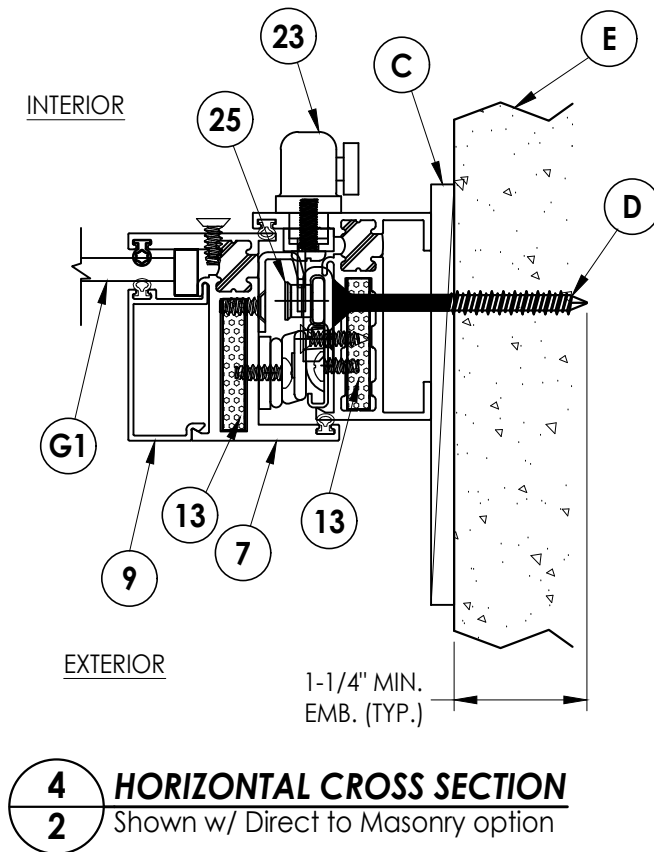
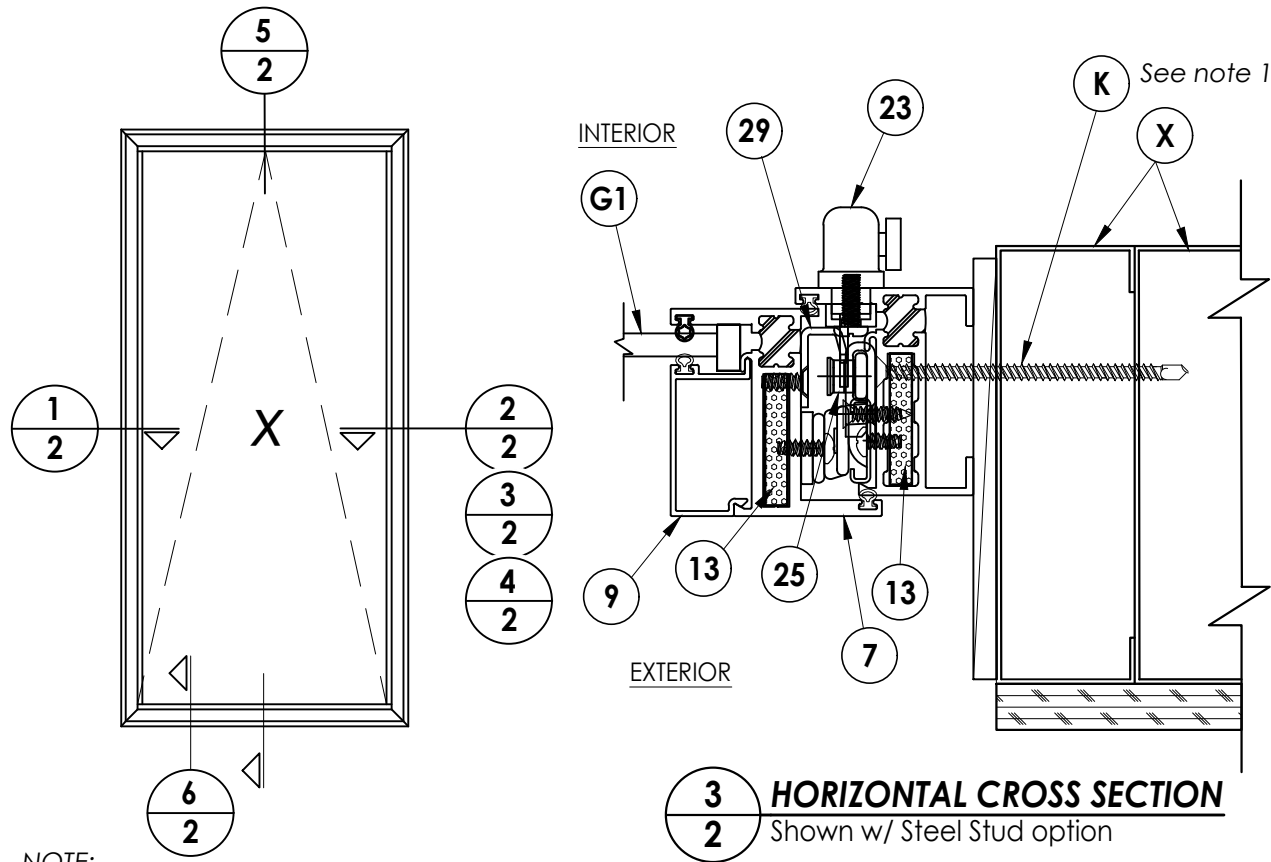
DWG. BY: JK

CHK. BY: LFS

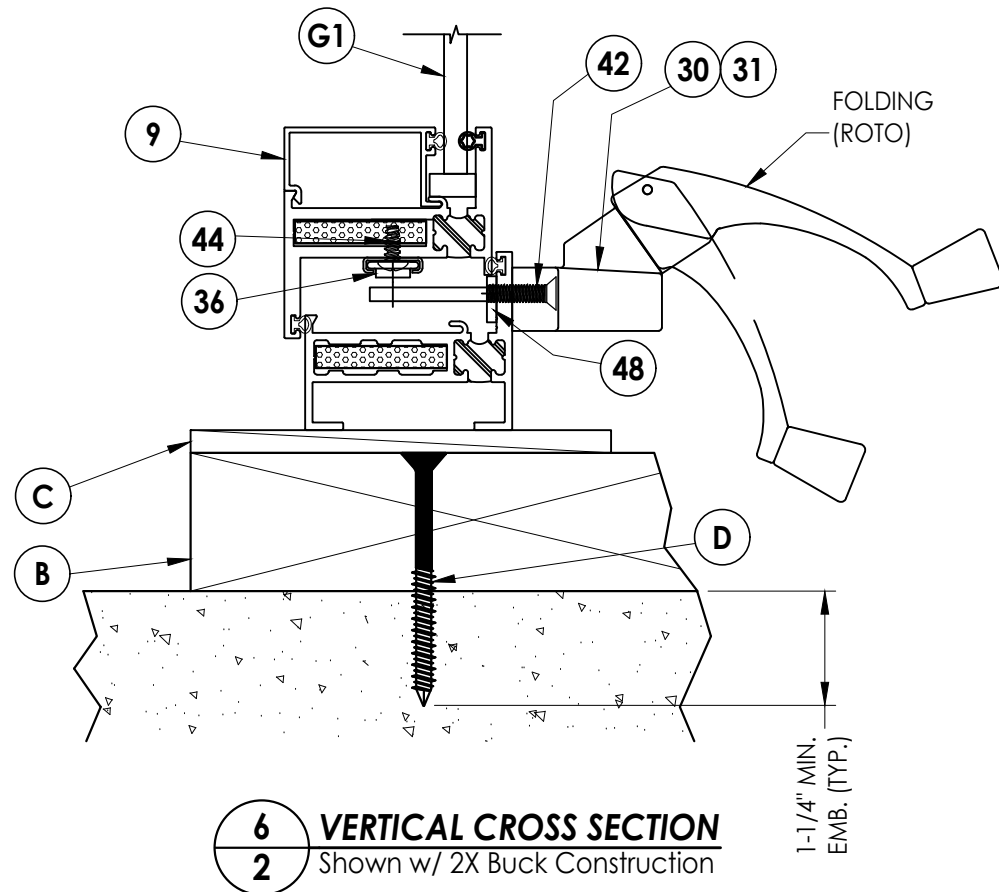
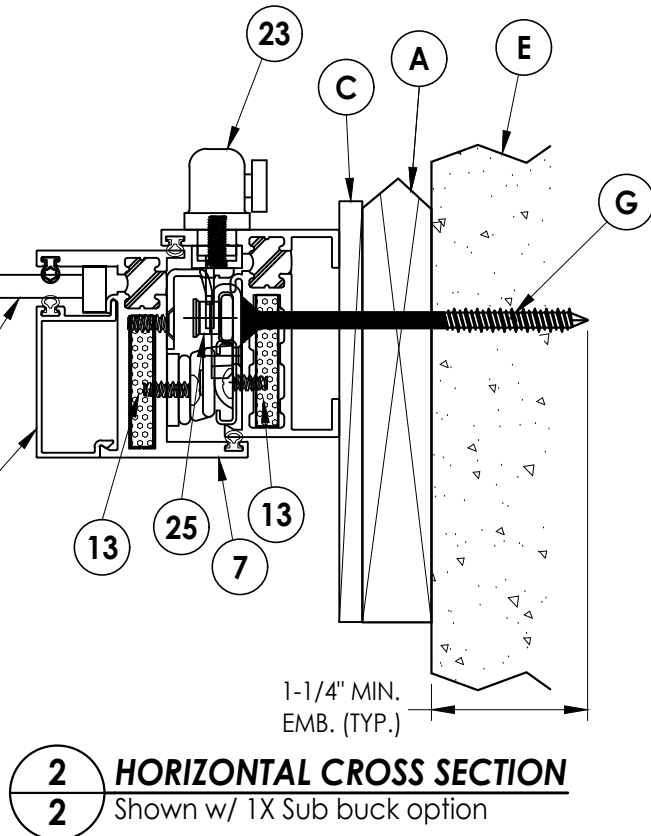
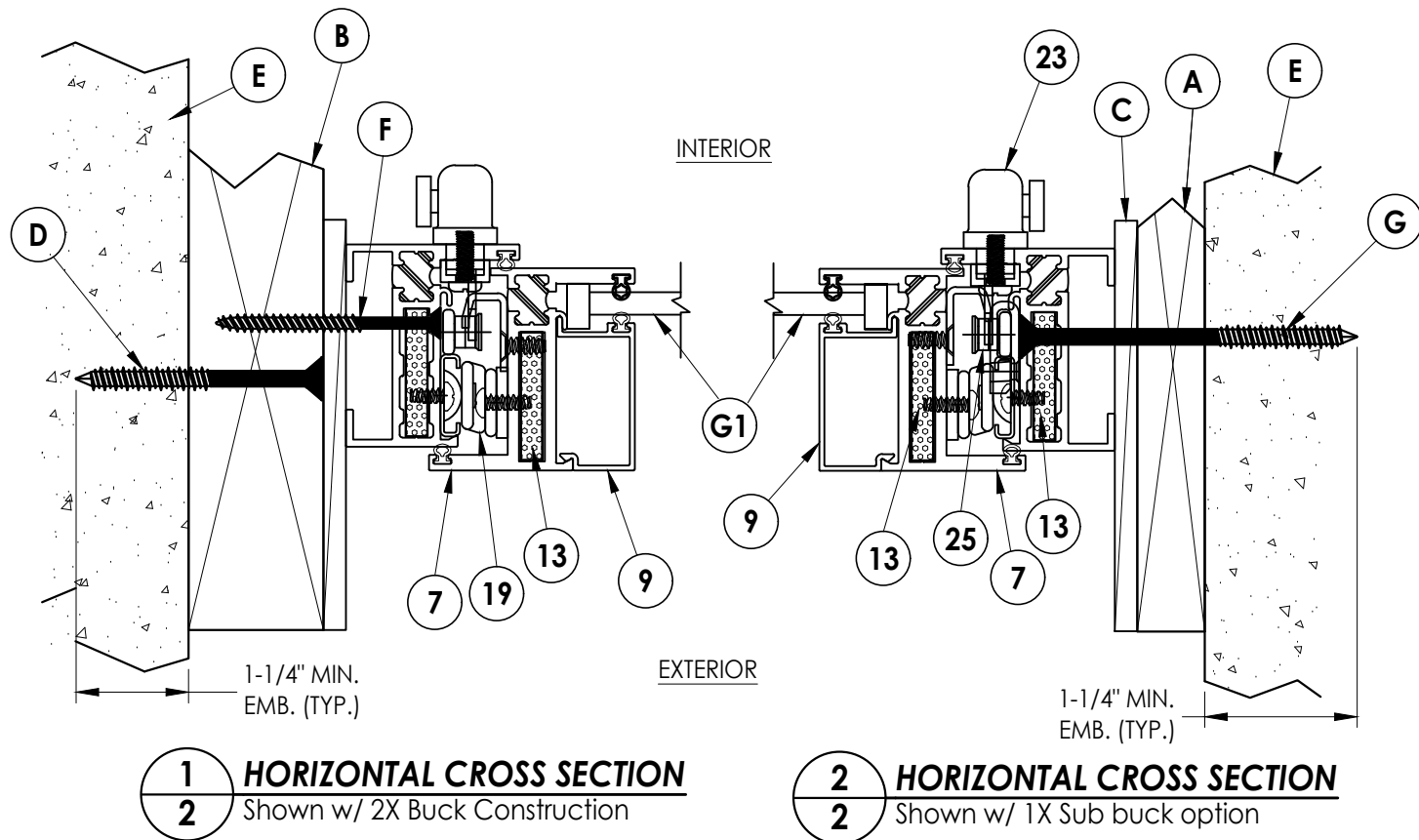
DRAWING NO.: FL-14907.5

SHEET 1 OF 6

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NOTE:
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 1/2" edge distance.



Documents Prepared By:
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PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL CROSS SECTIONS

	6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	5	12/08/21	SERIES NAME CHANGE		LFS
	4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC
	3	8/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
	2	8/22/16	RENUMBER DRAWINGS		JK
	NO.	DATE			BY

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14907.5

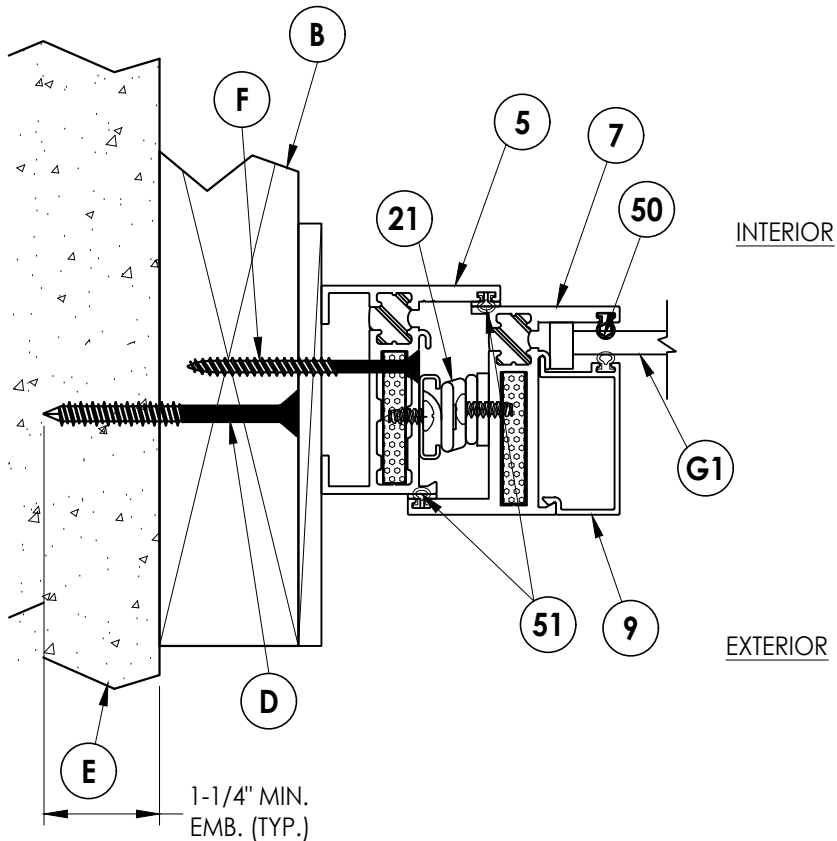
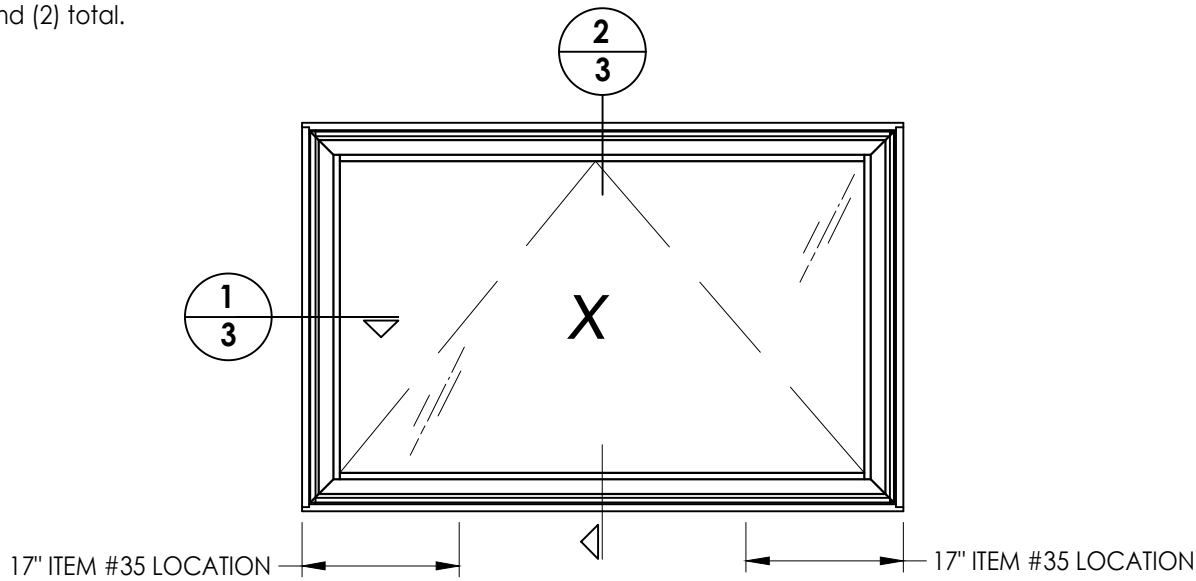
SHEET 2 OF 6

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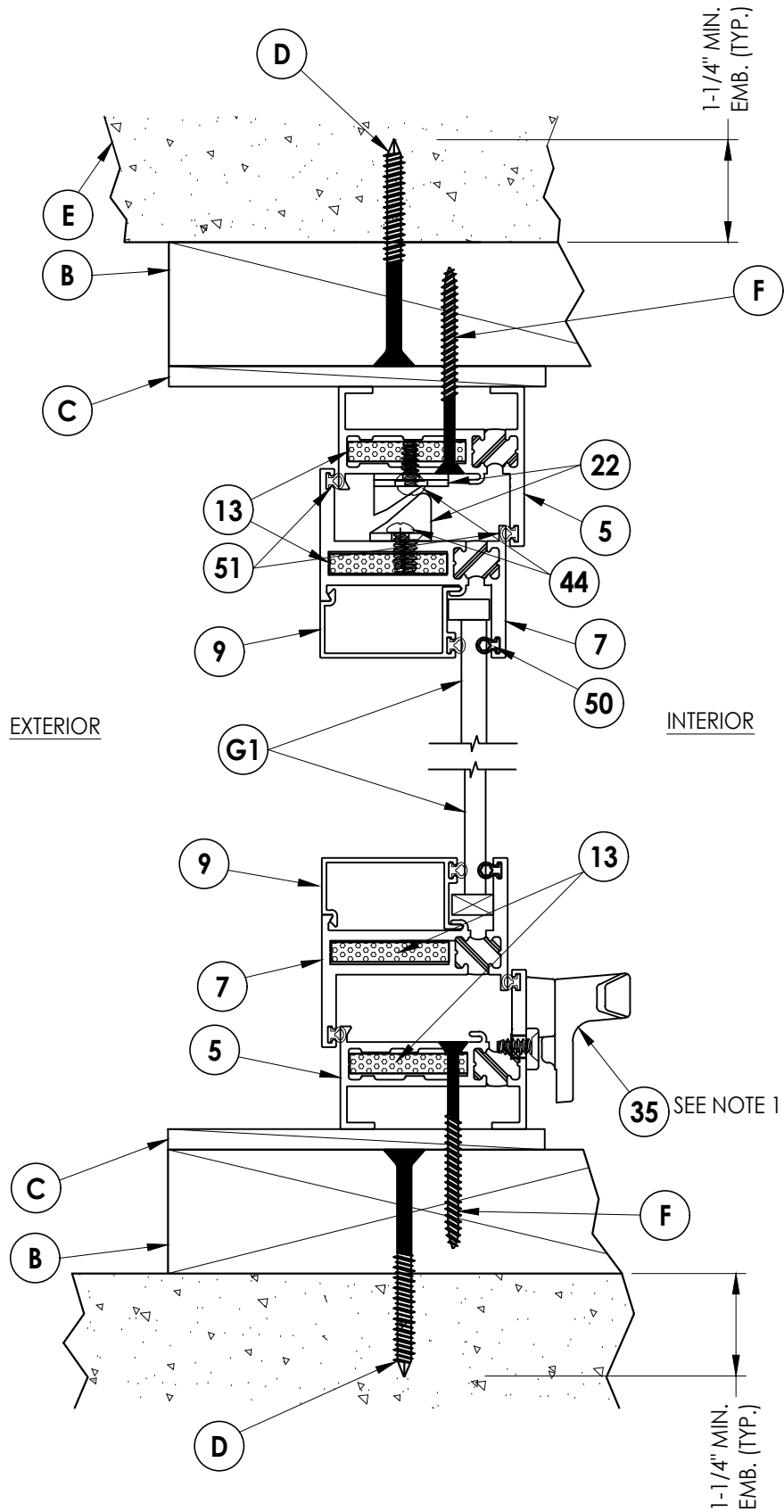
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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NOTE:
1. Item #35 located 17"
from each end (2) total.



1
3 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck Construction



2
3 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck Construction

6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	12/08/21	SERIES NAME CHANGE		LFS
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC
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2	8/22/16	RENUMBER DRAWINGS		JK
NO.	DATE			BY

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14907.5

SHEET 3 OF 6

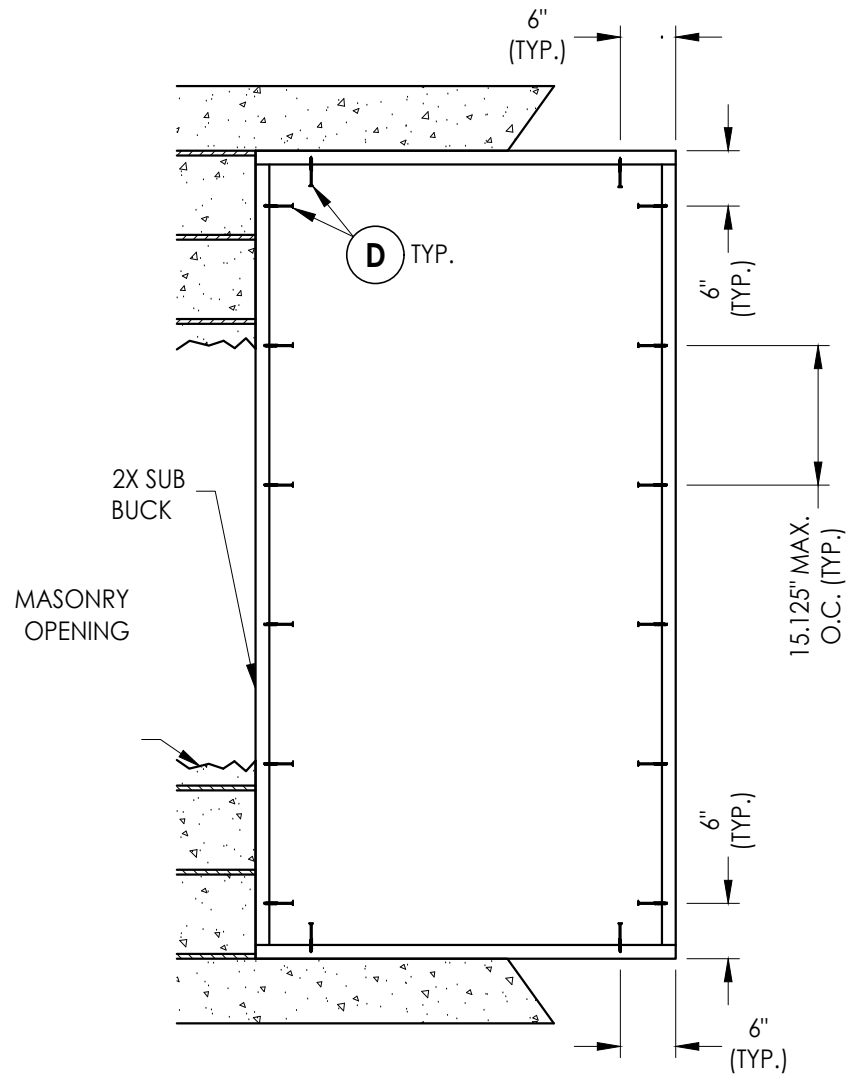
Documents Prepared By:
Lyndon F. Schmidt
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

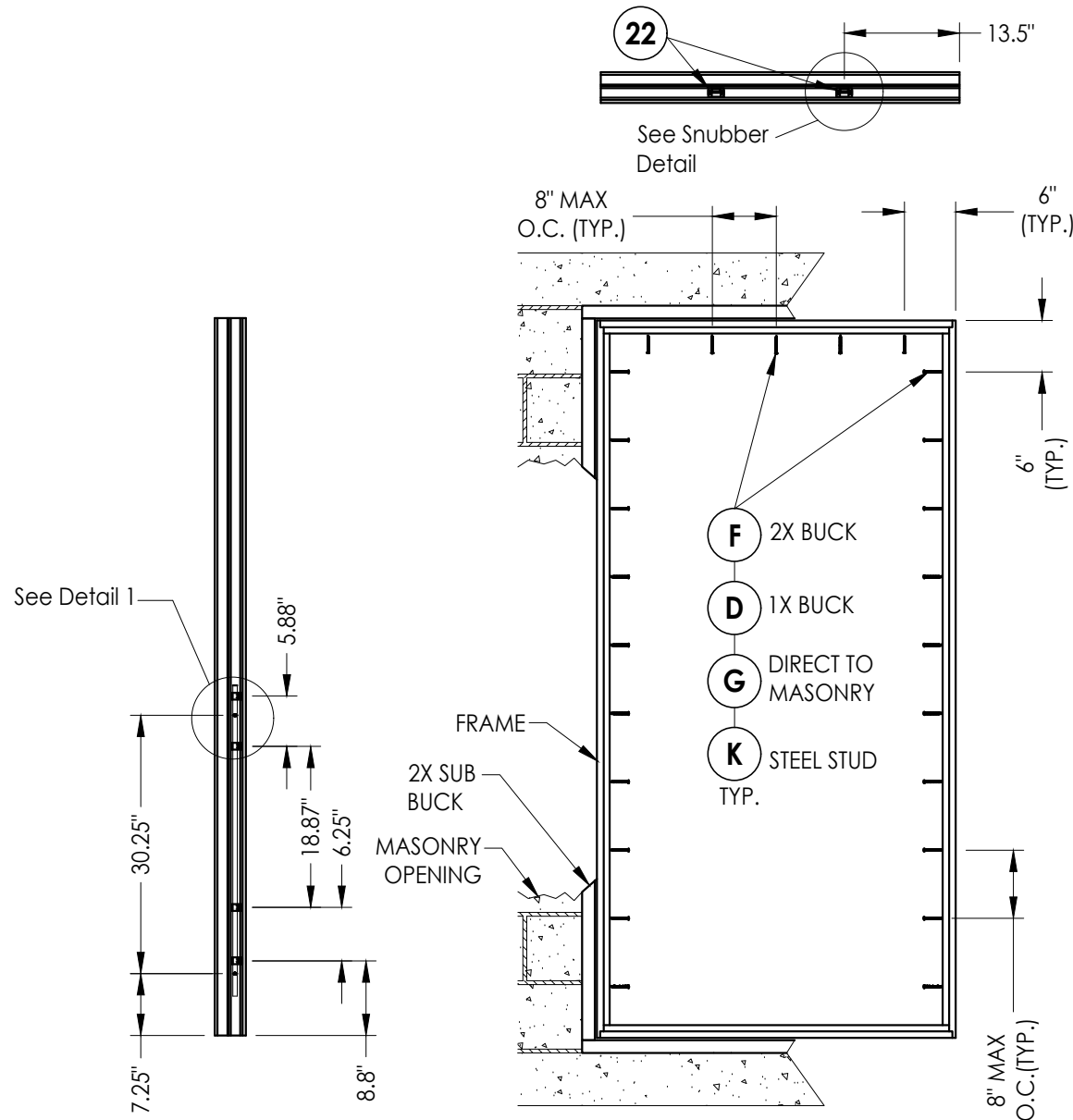
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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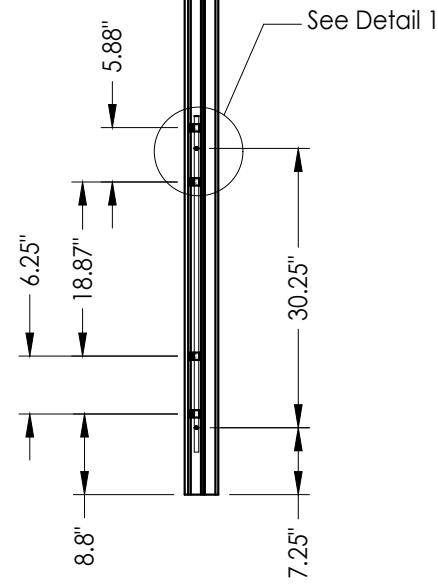


2X BUCK ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

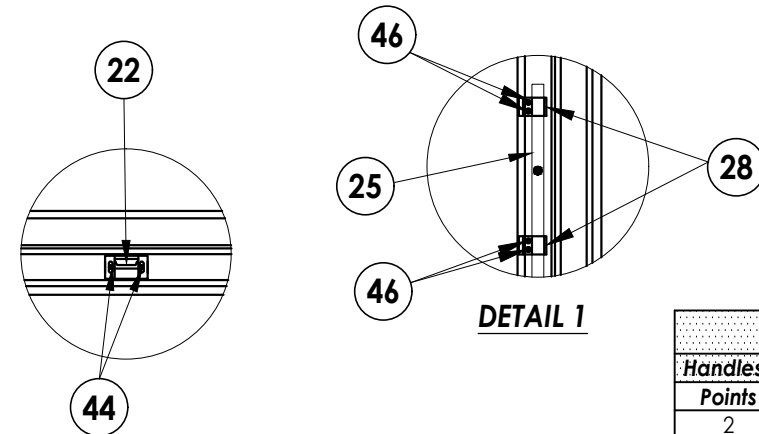
CONCRETE ANCHOR NOTES:

- 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.



SNUBBER DETAIL

Hardware Table			
Handles	Points	Description	Height
Qty.	2	Multipoint	> 50"
	1	Multipoint	≤ 50"
		Cam*	≤ 50"
*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks			

Documents Prepared By:
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P.E. No. 43409

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

RW BUILDING CONSULTANTS, INC.

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

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC
5	12/08/21	SERIES NAME CHANGE
4	8/10/20	UPDATE TO 7TH ED. (2020) FBC
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC
2	8/22/16	RENUMBER DRAWINGS
1		

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

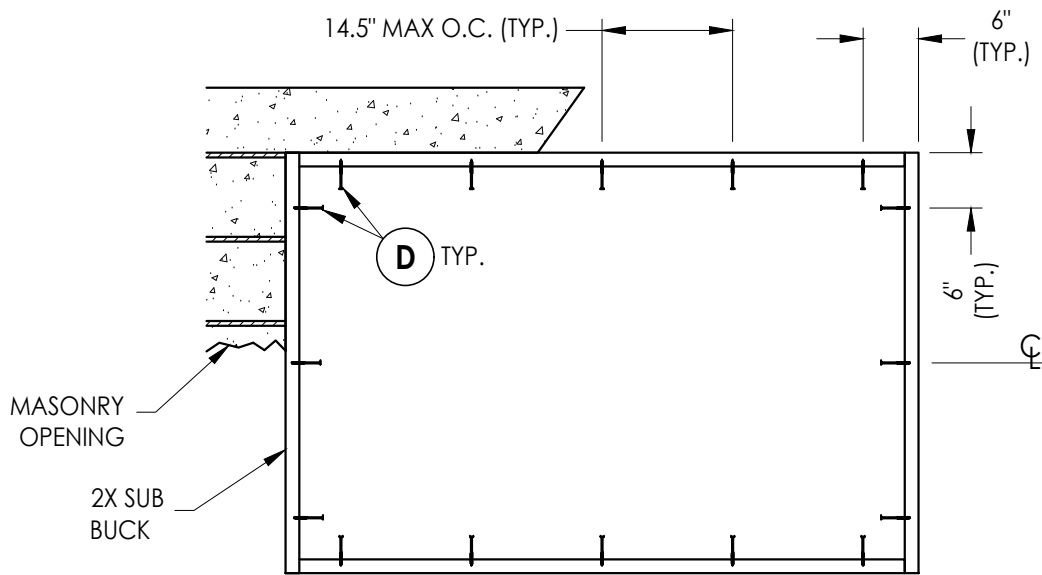
CHK. BY: LFS

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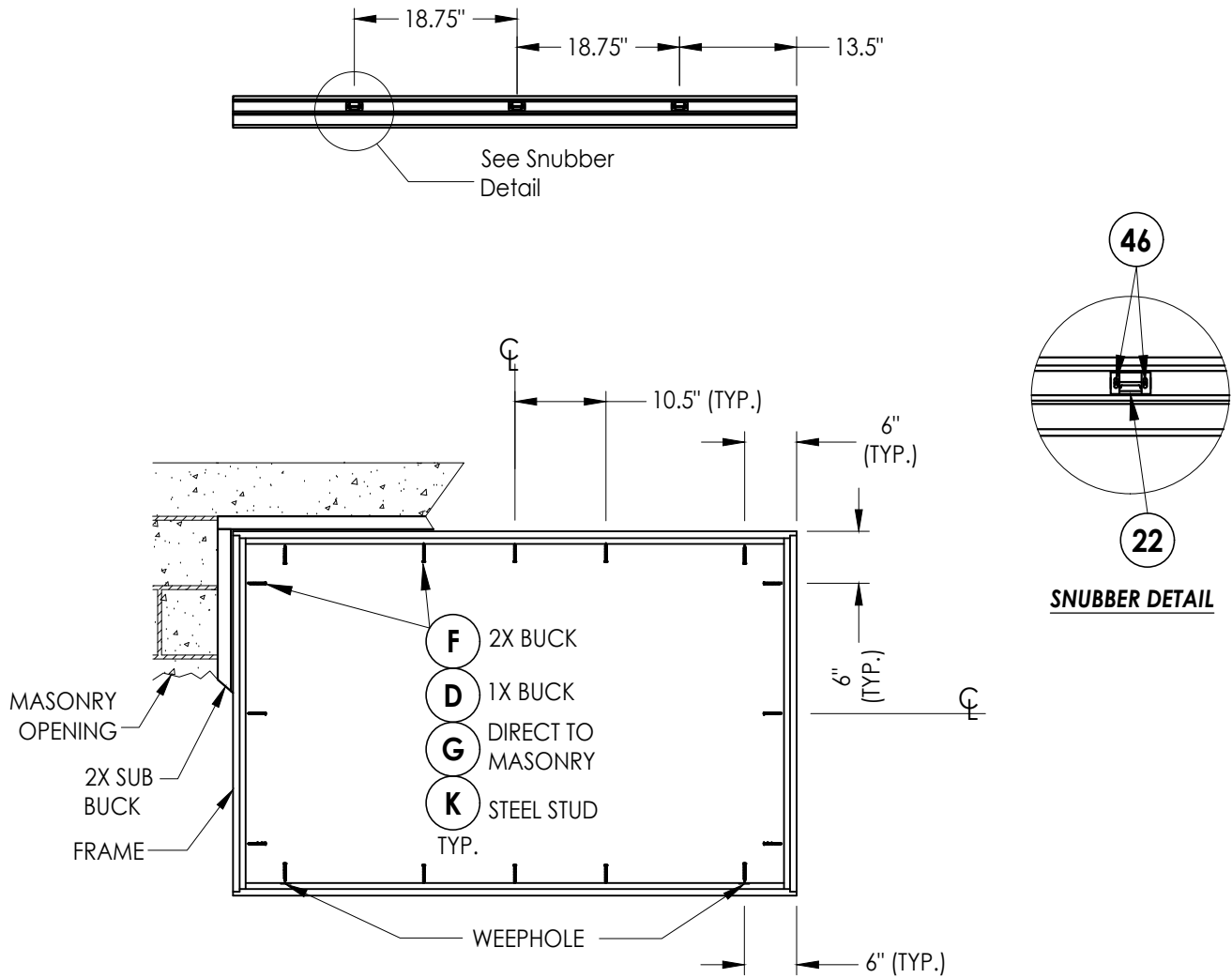
FL-14907.5

SHEET 4 OF 6

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2X BUCK ANCHORING
65" X 42" Max Size



FRAME MOUNT ANCHORING
65" X 42" Max Size

SNUBBER DETAIL

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
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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.

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PRODUCT: FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

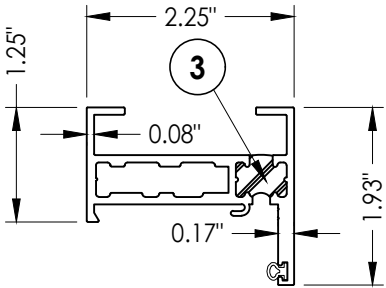
BUILDING CONSULTANTS, INC.

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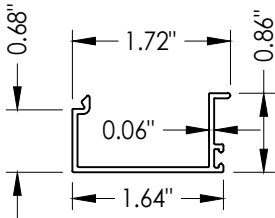
NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	LFS
5	12/08/21	SERIES NAME CHANGE		LFS	LFS
4	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	DAC
3	8/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	LFS
2	8/22/16	RENUMBER DRAWINGS		JK	JK
1	4/28/14	DATE		BY	LFS
DATE: 4/28/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14907.5					
SHEET 5 OF 6					

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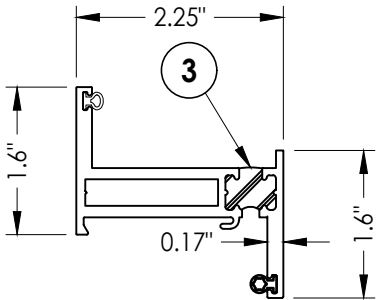
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	#10 X 2-3/4" PPH WOOD SCREW	STEEL
K	#10 PFH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	BLOCK FRAME (350-T)	6063-T6 ALUM
7	ZEE BAR (PANEL)	6063-T6 ALUM
9	GLASS STOP (1/4")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
19	2 BAR HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE	SS
24	1 POINT LOCKING BAR (TRUTH)	SS
25	2 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR 13.5" (TRUTH)	SS
31	CASEMENT ROTOR GEAR 9.5" (TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINGE SCREW NO 10-32, FHP .75"	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
48	BACK UP NUTS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER)-TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER)-TREMCO	-
55	SETTING BLOCK	-



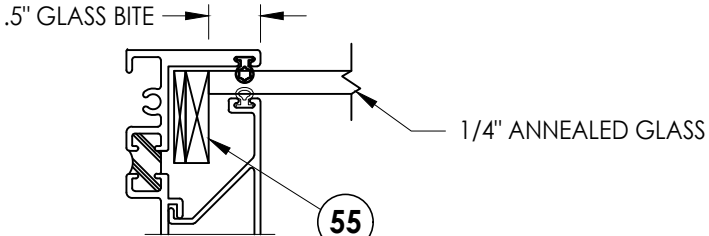
5 BLOCK FRAME



9 GLASS STOP 1/4"



7 ZEE BAR (PANEL)



G1 GLAZING DETAIL

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:		FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAIL AND COMPONENTS	
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	JK	BY	
5	12/08/21	SERIES NAME CHANGE	FBC	LFS			
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC			
3	8/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
2	8/22/16	RENUMBER DRAWINGS					
	NO.	DATE					
				REVISIONS			
DATE:				4/28/14			
SCALE:				N.T.S.			
DWG. BY:				JK			
CHK. BY:				LFS			
DRAWING NO.:				FL-14907.5			
SHEET				6 OF 6			