

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-14907 R11 Awning\FL-14907.5-7.dwg

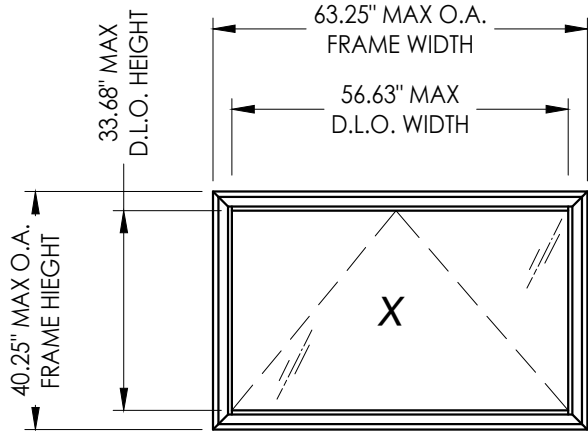
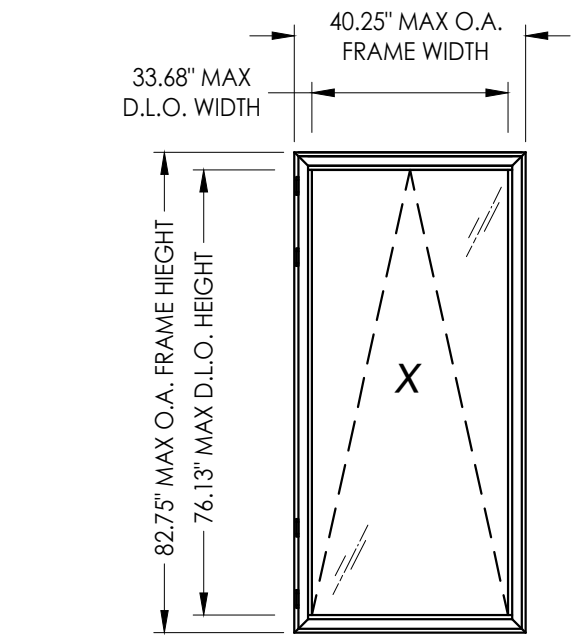


Series 350-T
Aluminum Awning Window
w/ Thermal Break Frame
"IMPACT"

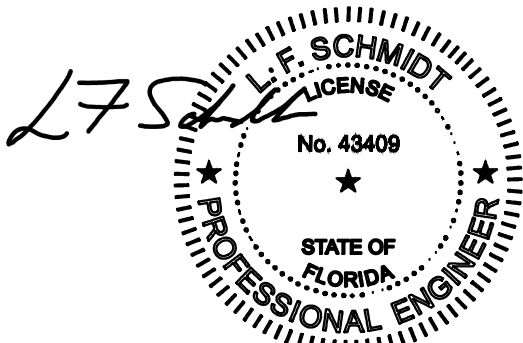
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Gaskets and setting blocks shall comply with Section 2411.3.4 of the FBC.
9. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal and vertical cross sections
3	Horizontal and vertical cross sections
4	Buck and frame anchoring
5	Buck and frame anchoring
6	Glazing details
7	Bill of materials 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, G2, G3, G4, G5, G6	+65.0	-65.0
40.25" X 44.5"	33.68" X 37.88"	G1, G2, G3, G4, G5, G6	+65.0	-65.0
63.25" X 40.25"	56.63" X 33.68"	G1, G2, G3, G4, G5, G6	+65.0	-65.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.06 08:15:46 -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:
FLEETWOOD WINDOWS AND DOORS

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

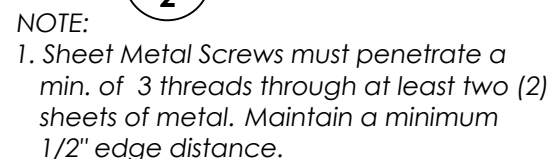
DRAWING NO.: FL-14907.7

SHEET 1 OF 7

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

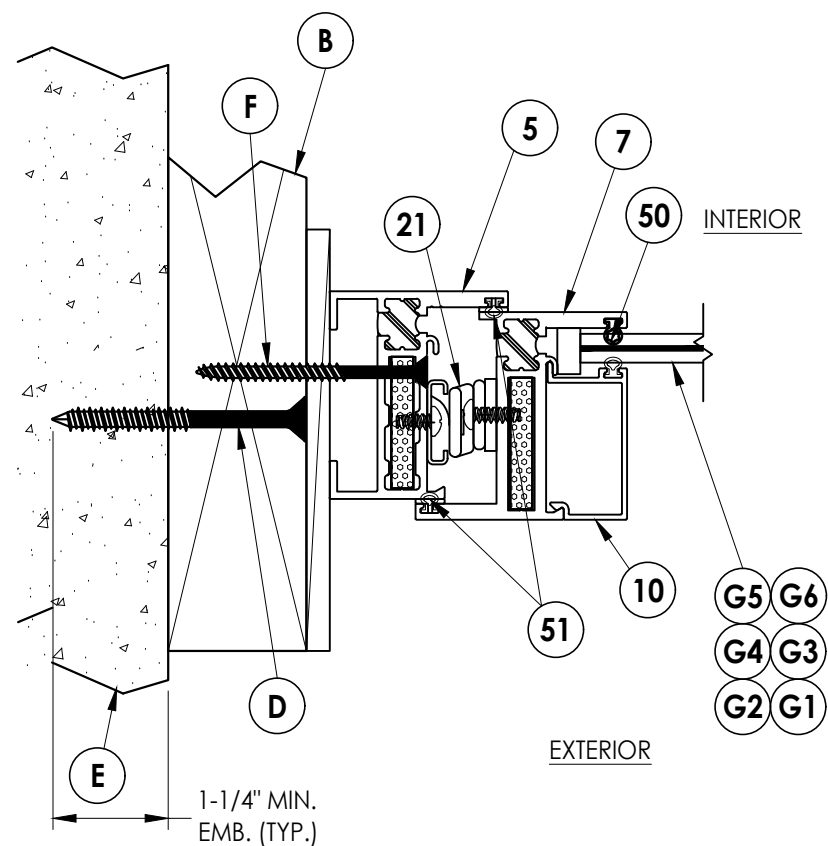
REVISIONS

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



© 2014 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-14907 R11 Awning\FL-14907.5-7.dwg



The image contains two technical drawings of a window assembly, labeled 'EXTERIOR' and 'INTERIOR'.

EXTERIOR View: This drawing shows the window from the outside. It includes a concrete wall (E) with a window opening (B). A window frame (C) is installed in the opening. A window unit (10) is shown with various components labeled: 13 (top frame), 51 (middle frame), 5 (bottom frame), 7 (side frame), 50 (bottom frame), and 35 (side frame). The window unit is secured with screws (D) and a bolt (F). The concrete wall has a minimum embedment depth of 1-1/4" (TYP.).

INTERIOR View: This drawing shows the window from the inside. It includes a concrete wall (E) with a window opening (B). A window frame (C) is installed in the opening. A window unit (10) is shown with various components labeled: 13 (top frame), 51 (middle frame), 5 (bottom frame), 7 (side frame), 50 (bottom frame), and 35 (side frame). The window unit is secured with screws (D) and a bolt (F). The concrete wall has a minimum embedment depth of 1-1/4" (TYP.).

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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

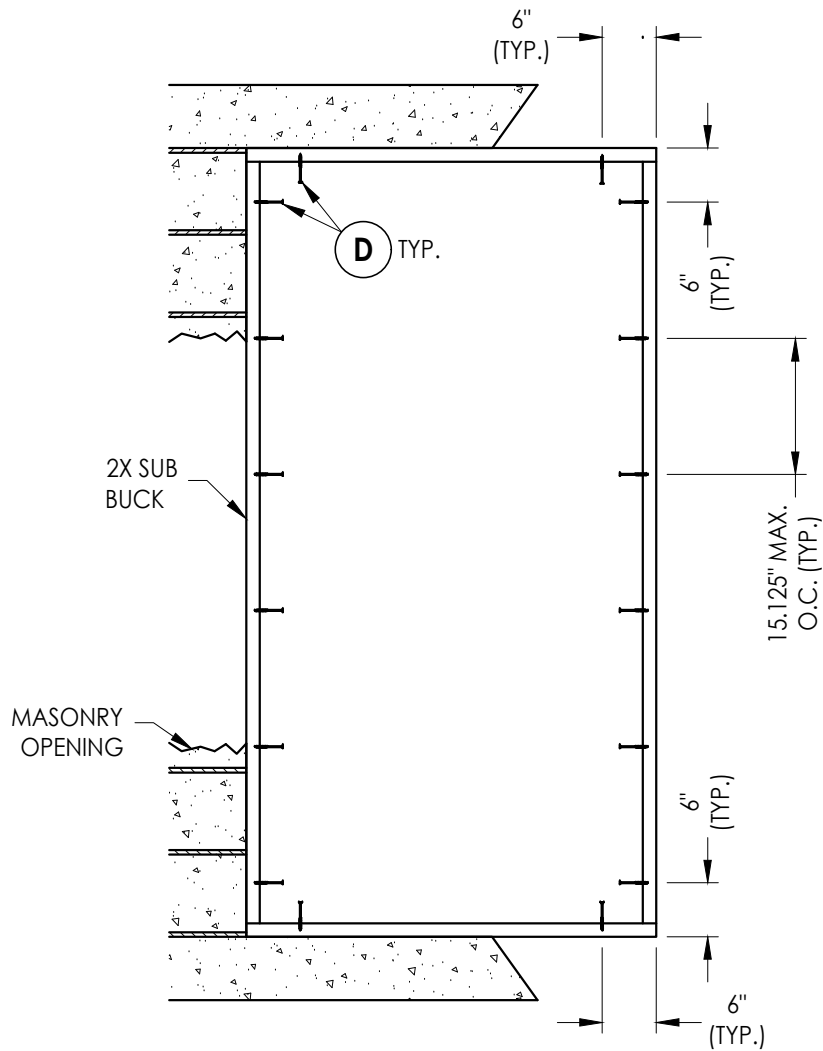
FOR OR ASSEMBLY:

**HORIZONTAL AND VERTICAL
CROSS SECTIONS**

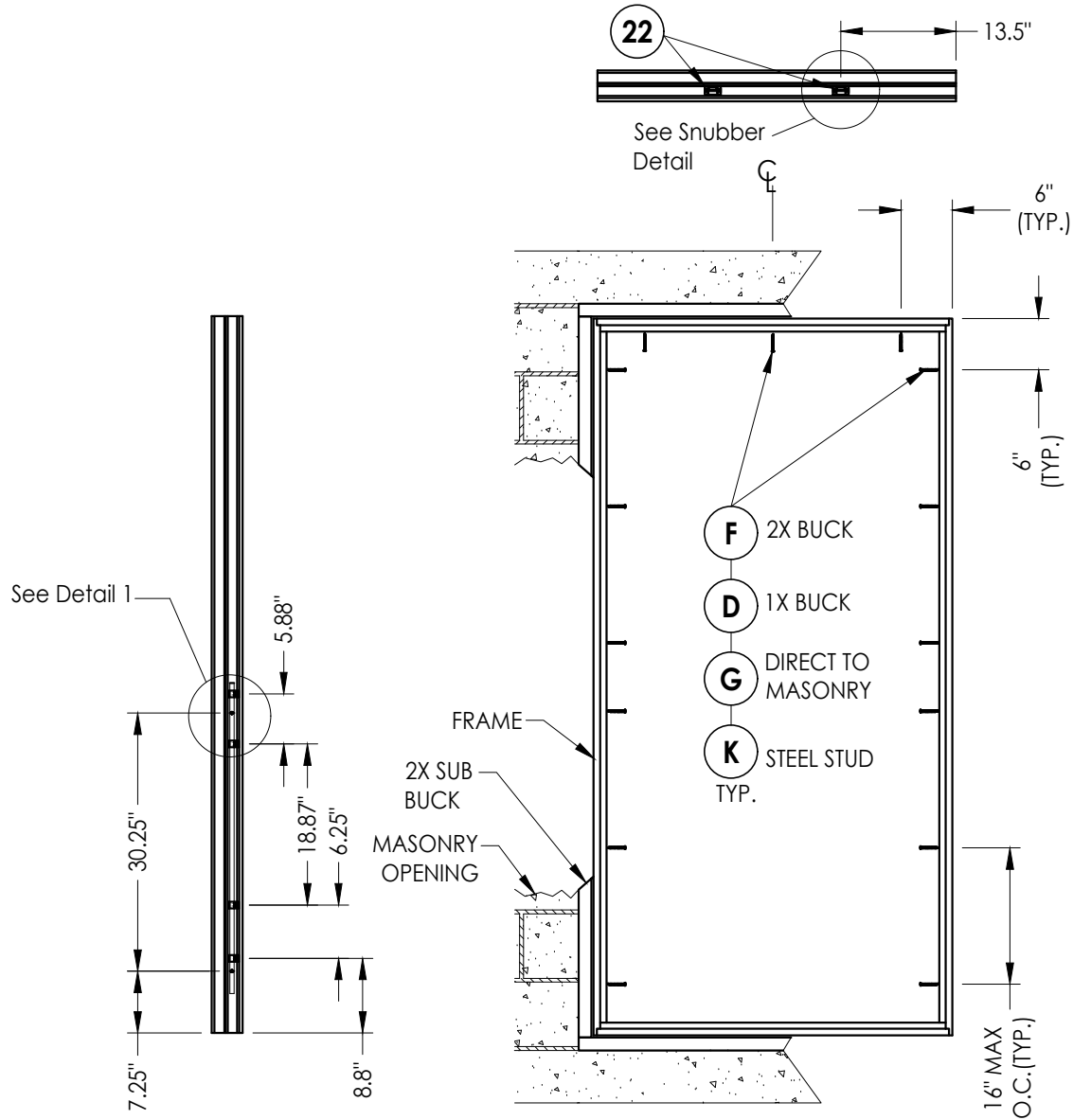
6	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
5	7/12/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
4	12/08/21	SERIES NAME CHANGE			LFS
NO.	DATE				BY

SHEET 3 OF 7

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-14907 R11 Awning\FL-14907.5-7.dwg

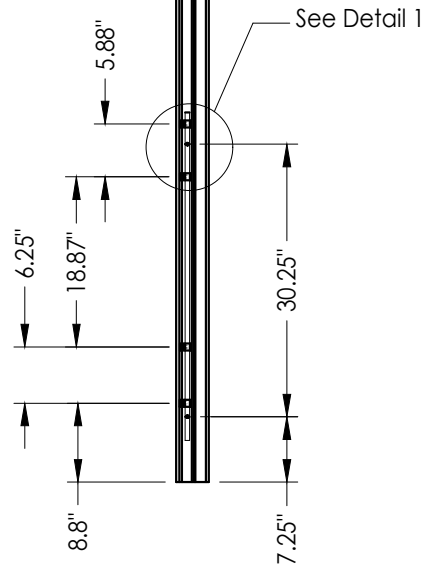


2X BUCK ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

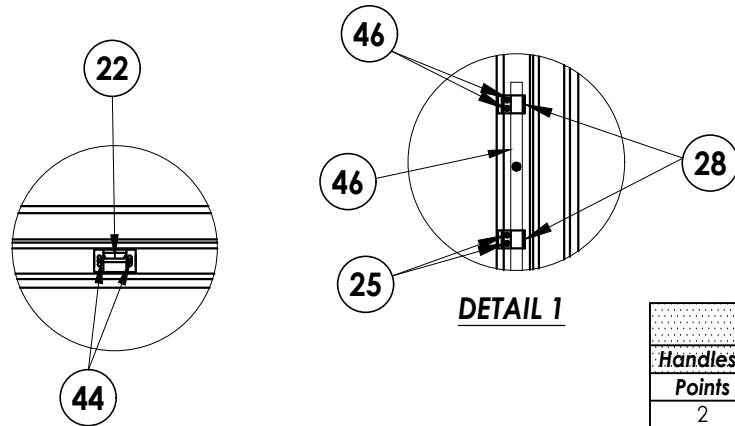
CONCRETE ANCHOR NOTES:

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

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

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	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/12/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	12/08/21	SERIES NAME CHANGE LFS
NO.	DATE	BY

DATE: 4/28/14

SCALE: N.T.S.

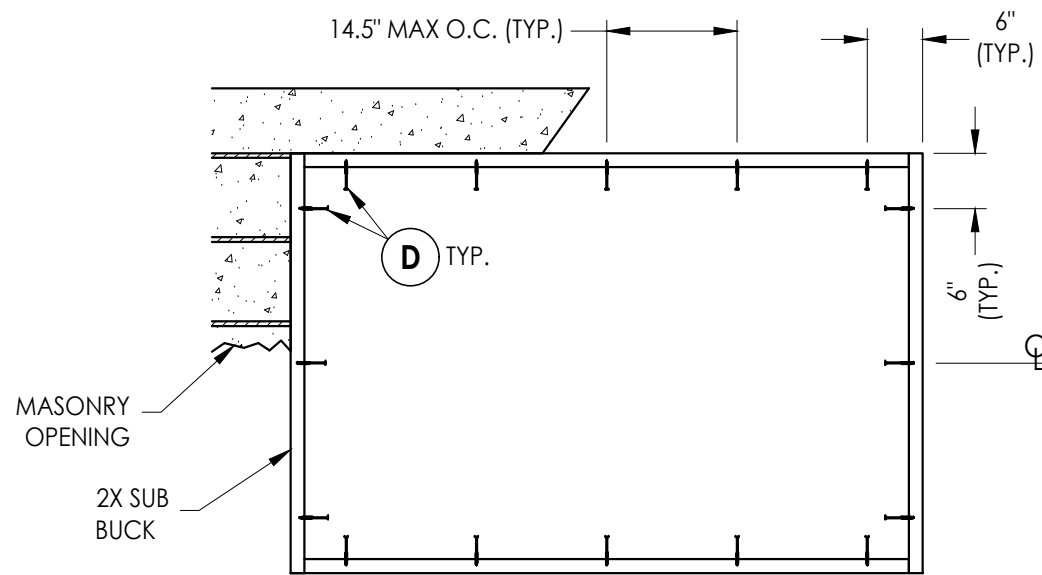
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14907.7

SHEET 4 OF 7



2X BUCK ANCHORING
65" X 42" Max Size

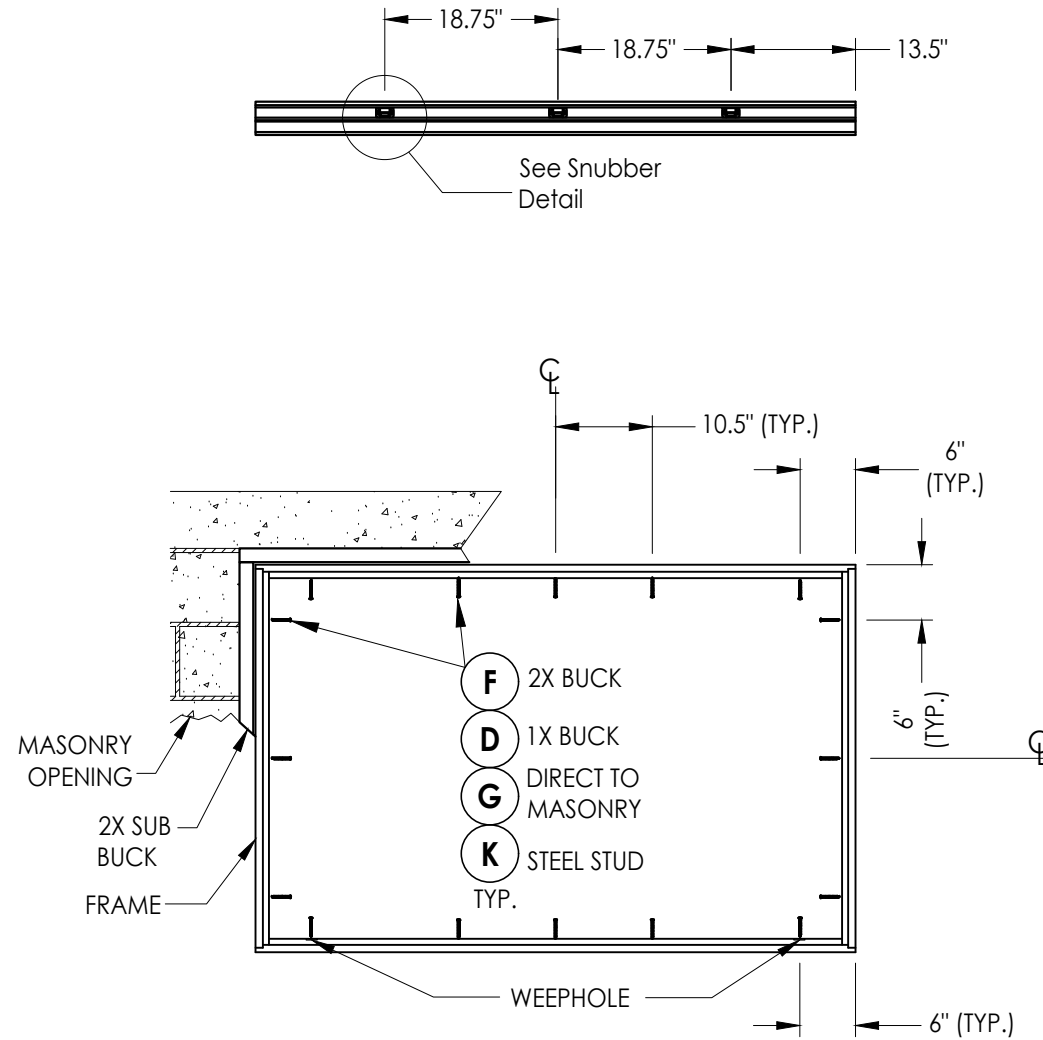
CONCRETE ANCHOR NOTES:

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:

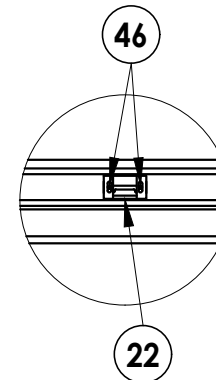
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.



FRAME MOUNT ANCHORING
65" X 42" Max Size



SNUBBER DETAIL

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	12/08/21	SERIES NAME CHANGE		LFS
NO.	DATE			BY
				REVISIONS

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14907.7

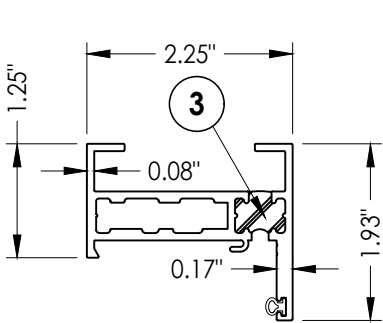
SHEET 5 OF 7

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

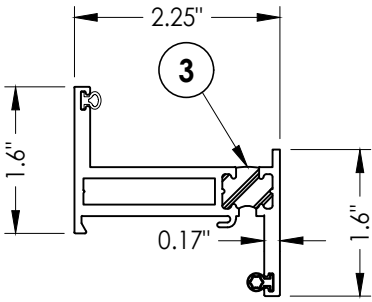
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-14907 R11 Awning\FL-14907.5-7.dwg

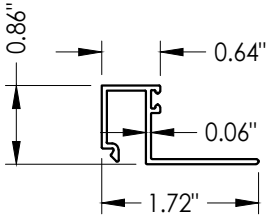
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
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
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16", 9/16")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
14	INSERT STOP	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
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 (SANTOPRENE - 86 DUROMETER) - TREMCO	-



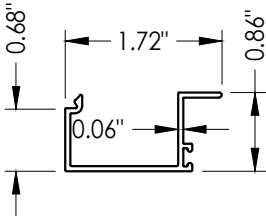
5 BLOCK FRAME



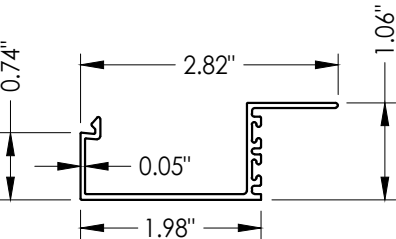
7 ZEE BAR (PANEL)



8 GLASS STOP 1-1/4"



10 GLASS STOP 5/16", 7/16", 9/16"



14 INSERT STOP

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 AND COMPONENTS	
		LFS	BY
		LFS	
		LFS	
		NO.	DATE
		REVISIONS	
DATE: 4/28/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14907.7			
SHEET 7 OF 7			