

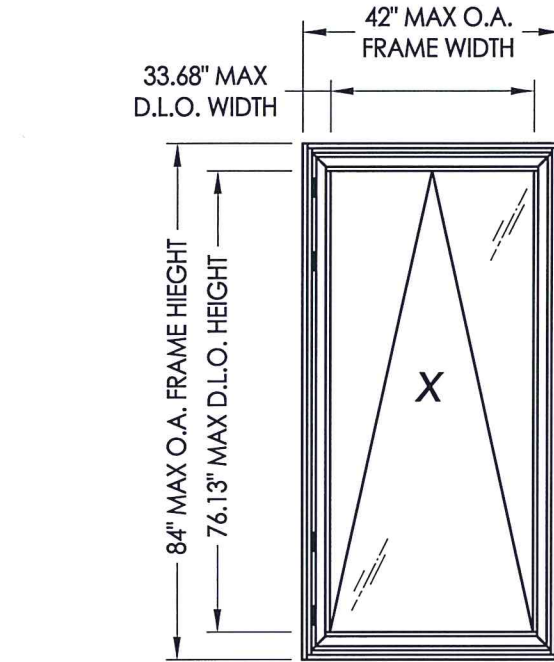
Series 3800-T w/ Series 350-T Aluminum Awning Window w/ Thermal Break Frame "IMPACT"

GENERAL NOTES

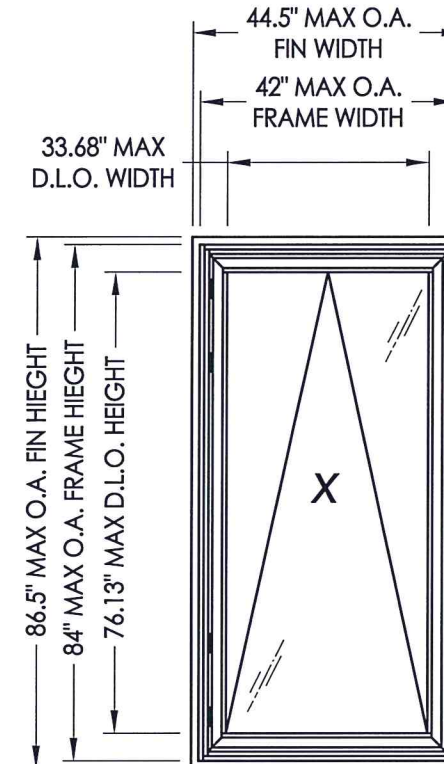
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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

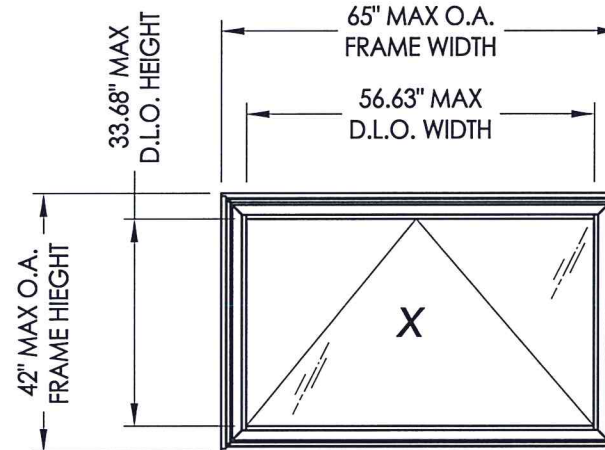
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Horizontal and vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Glazing detail
8	Bill of materials and components



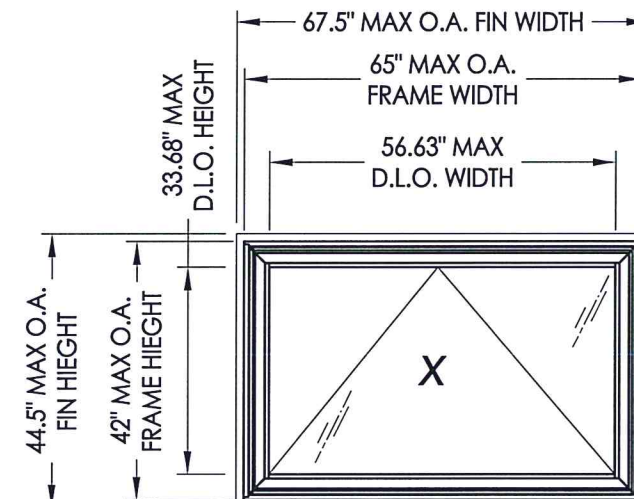
FRAME MOUNT



FIN MOUNT

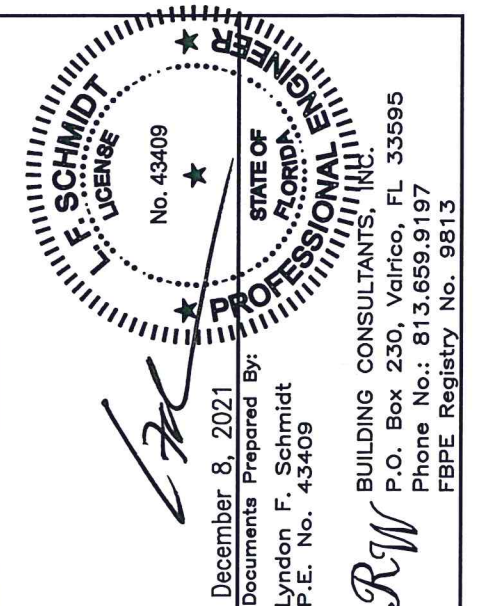


FRAME MOUNT



FIN MOUNT

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.5" X 86.5"	42" X 84"	33.68" X 76.13"	G1, G2, G3, G4, G5	+65.0	-65.0
44.5" X 47.5"	42" X 45"	33.68" X 37.88"	G1, G2, G3, G4, G5	+65.0	-65.0
67.5" X 44.5"	65" X 42"	56.63" X 33.68"	G1, G2, G3, G4, G5	+65.0	-65.0

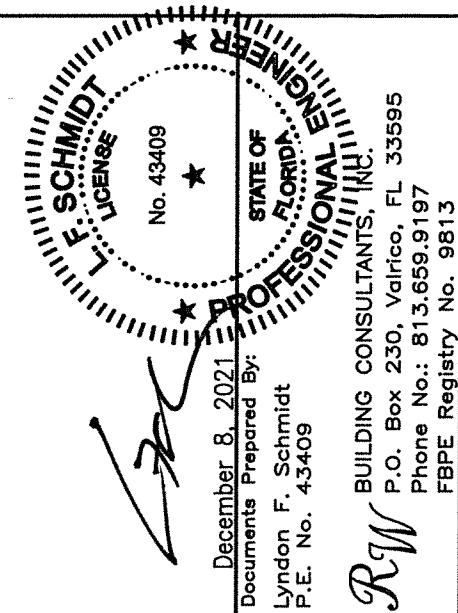
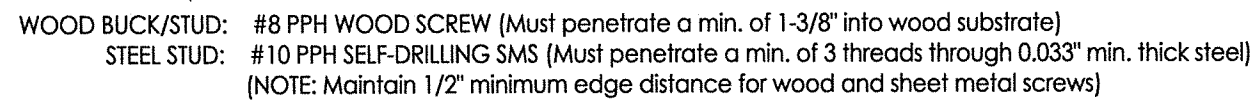


December 8, 2021
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

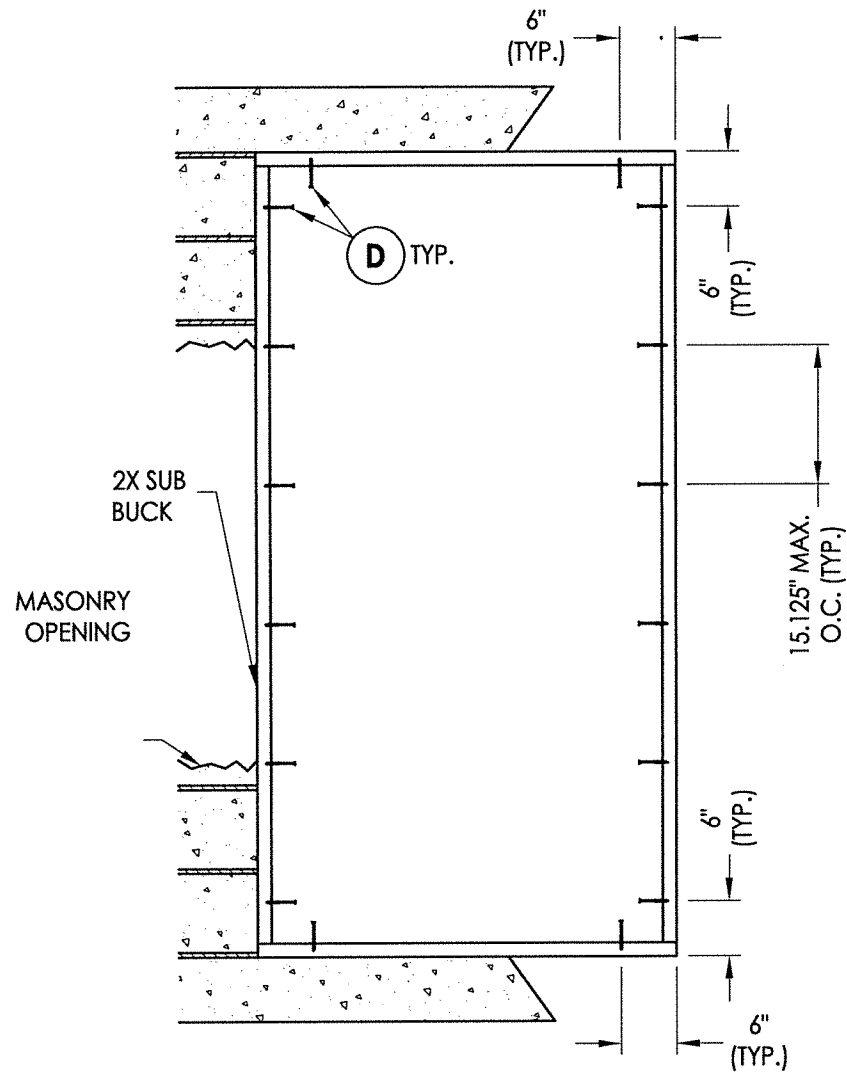
NO.	DATE	REVISIONS
6	12/08/21	SERIES NAME CHANGE
5	8/10/20	UPDATE TO 7TH ED. (2020) FBC
4	8/07/17	UPDATE TO 6TH ED. (2017) FBC
3	8/22/16	RENUMBER DRAWINGS
2	1/22/15	UPDATE TO 5TH ED. (2014) FBC
1	4/24/14	ADD FRAME SIZE

DATE: 10/23/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.2
SHEET 1 OF 8

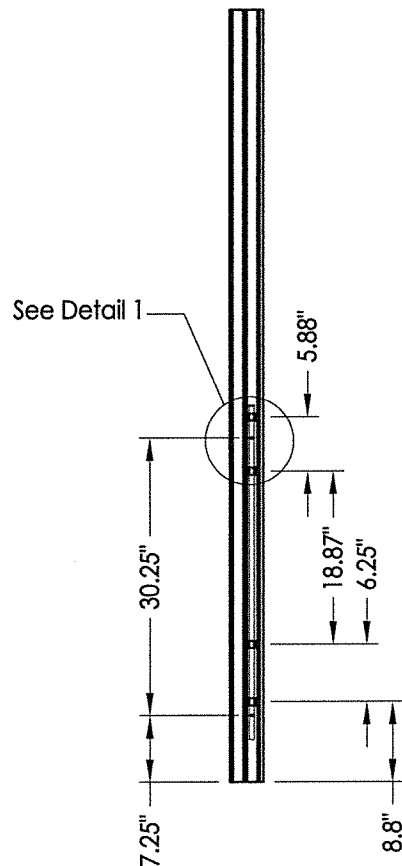


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5	8/10/20	UPDATE TO 7th ED. (2020)	DAC	
4	8/07/17	UPDATE TO 6TH ED. (2017)	LFS	
3	8/22/16	RENUMBER DRAWINGS	JK	
2	1/22/15	UPDATE TO 5TH ED. (2014)	LFS	
1	4/24/14	ADD FRAME SIZE	JK	
NO.	DATE		BY	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS
DATE: 10/23/13				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-14907.2				
SHEET 3		OF 8		

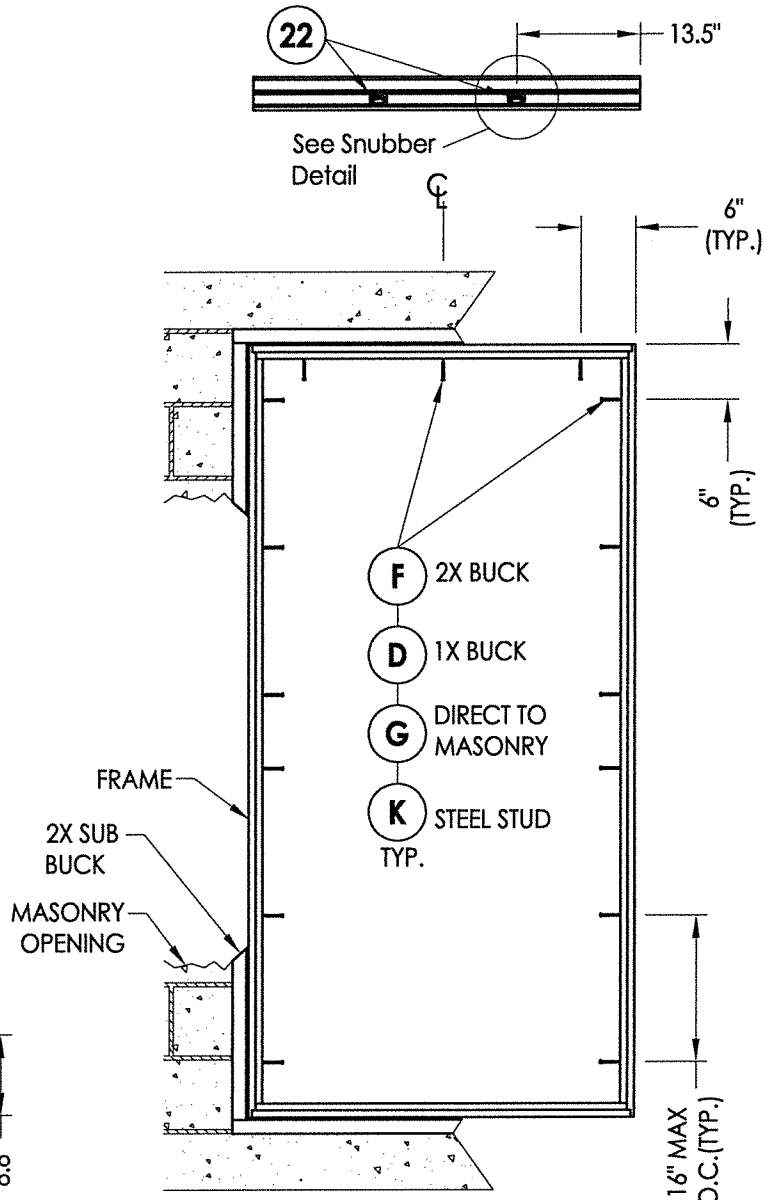
Z:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-14907 AwningC - Drawings\FL 14907 (2020) R10\FL-14907.1-3.dwg



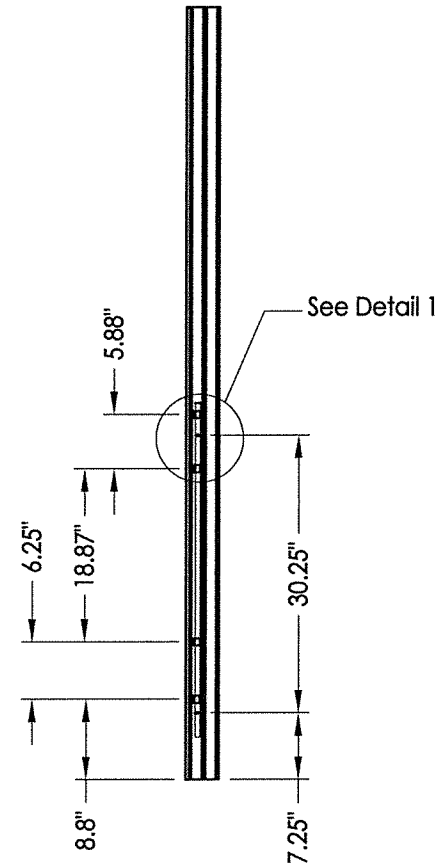
2X BUCK ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock



FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

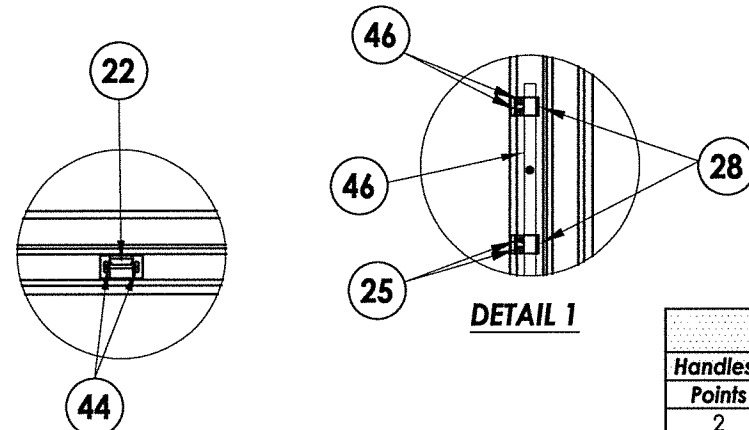
CONCRETE ANCHOR NOTES:

- 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"

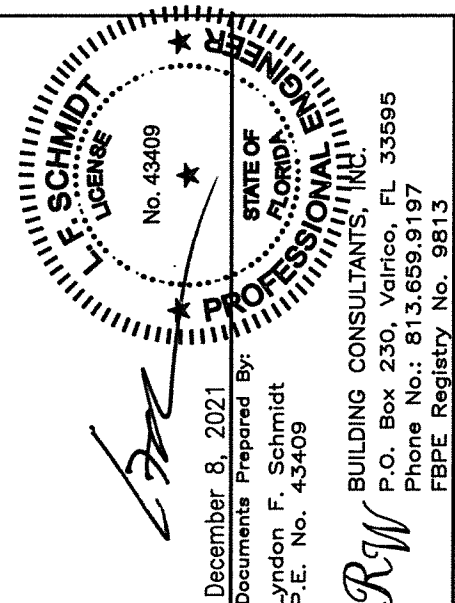
WOOD SCREW INSTALLATION NOTES:

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



December 8, 2021
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:
BUCK & FRAME ANCHORING

LFS	DAC	LFS	JK	LFS	JK	BY
6	12/08/21	SERIES NAME CHANGE				
5	8/10/20	UPDATE TO 7TH ED. (2020) FBC				
4	8/07/17	UPDATE TO 6TH ED. (2017) FBC				
3	8/22/16	RENUMBER DRAWINGS				
2	1/22/15	UPDATE TO 5TH ED. (2014) FBC				
1	4/24/14	ADD FRAME SIZE				
NO.	DATE					

DATE: 10/23/13

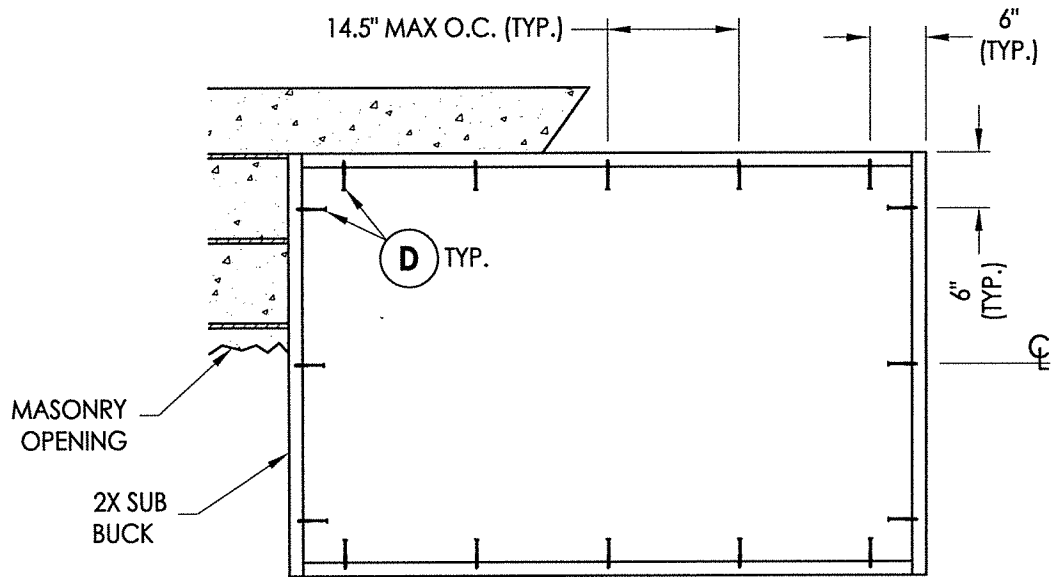
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-14907.2

SHEET 5 OF 8



2X BUCK ANCHORING
65" X 42" Max Size

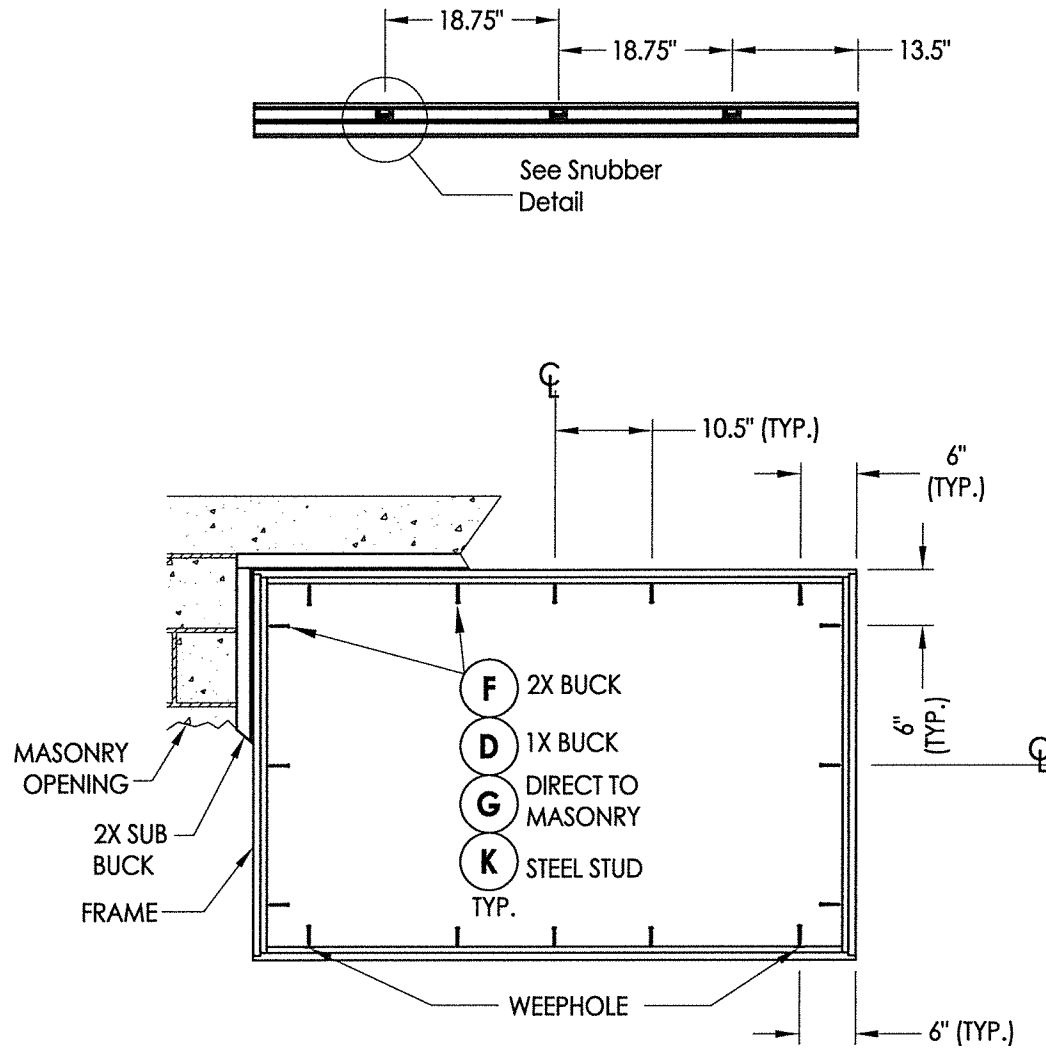
CONCRETE ANCHOR NOTES:

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:

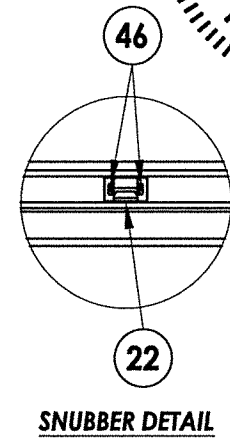
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®+	1/4"	1-1/4"	1"	4"

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



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

PRODUCT:

FLEETWOOD WINDOWS AND DOORS

ASSEMBLY:
BUCK & FRAME
ANCHORING

BUCK & FRAME ANCHORING

6	12/08/21	SERIES NAME CHANGE		LFS
5	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	8/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	8/22/16	RENUMBER DRAWINGS		JK
2	1/22/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
1	4/24/14	ADD FRAME SIZE		JK
NO.	DATE			BY
			REVISIONS	

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

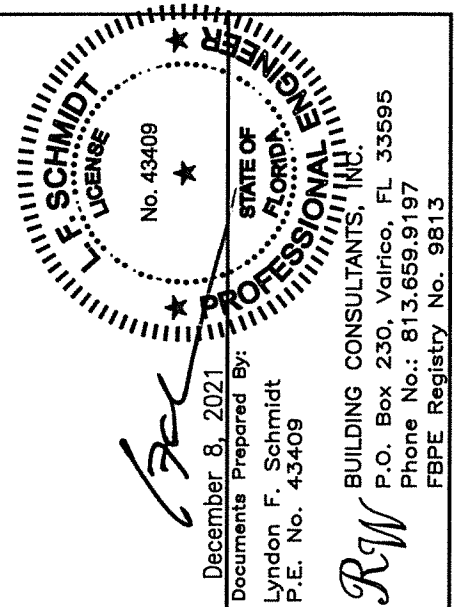
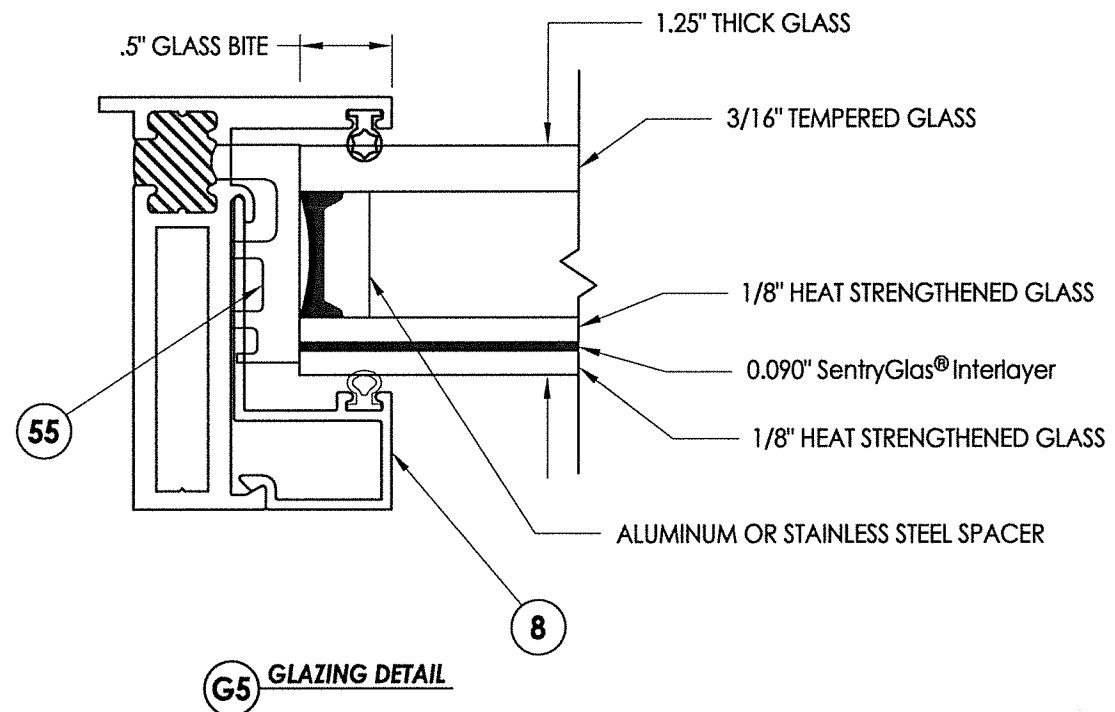
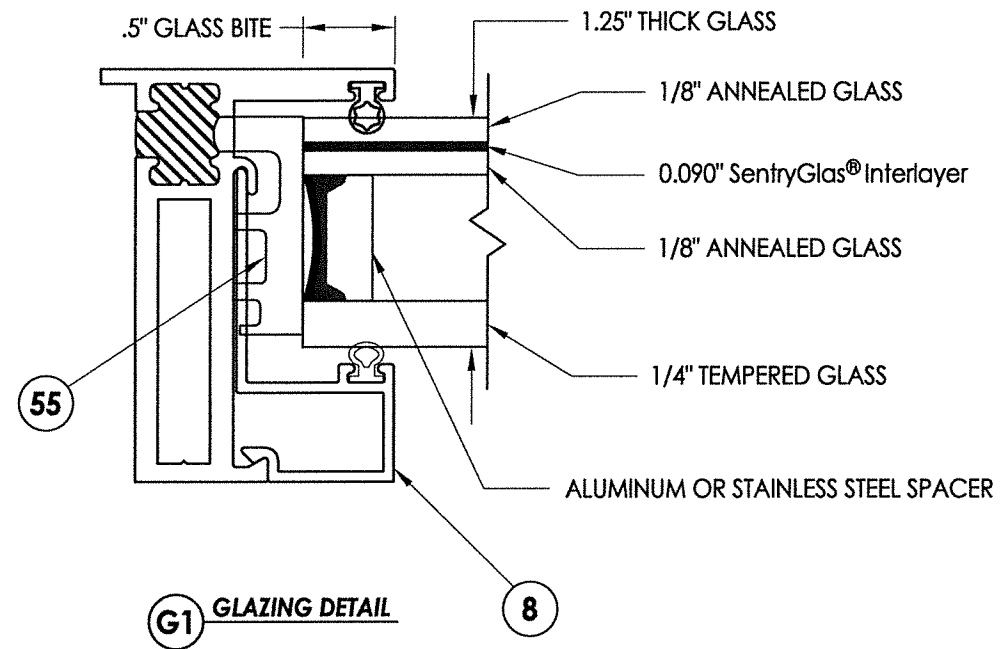
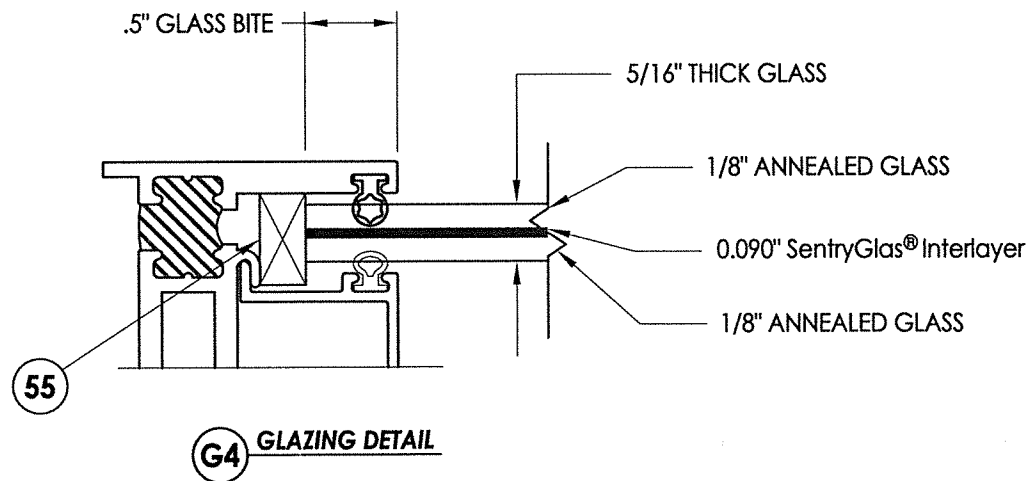
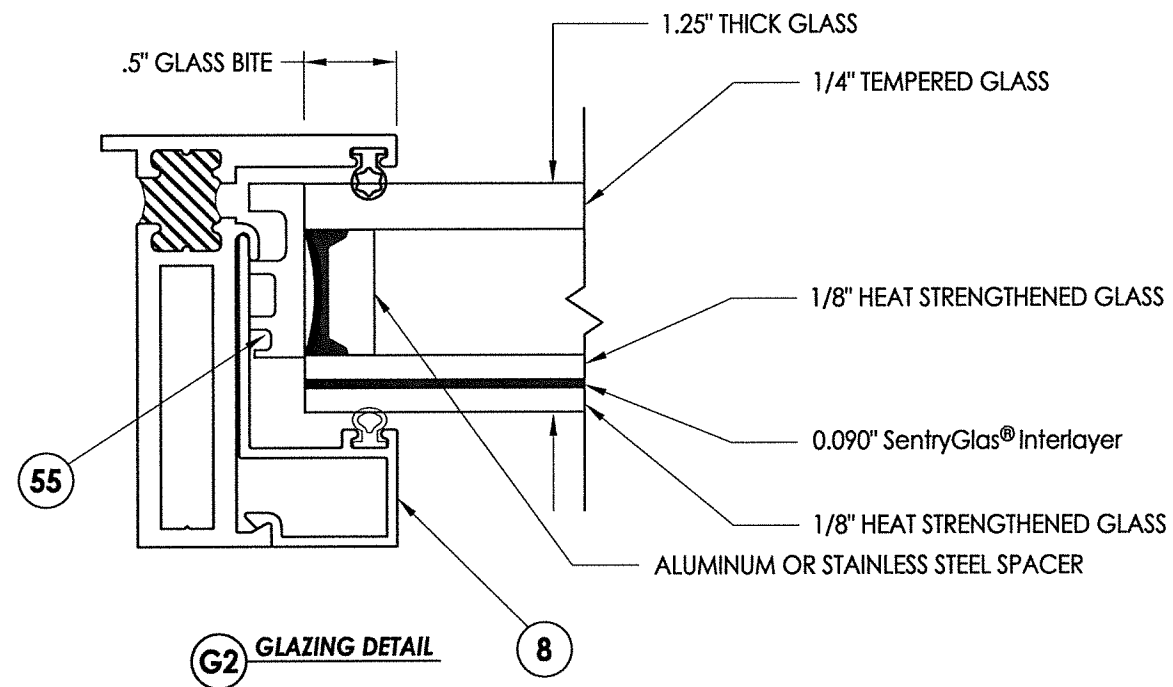
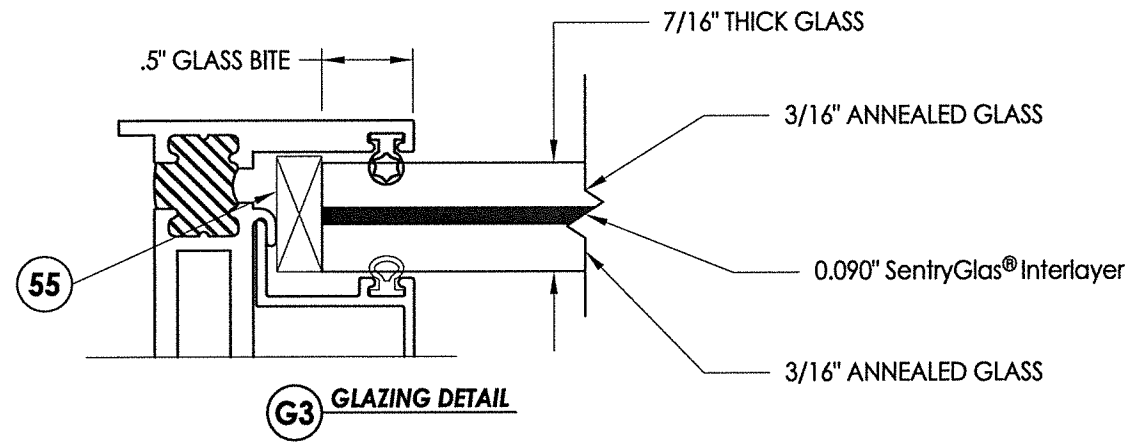
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DRAWING NO.:

FL-14907.2

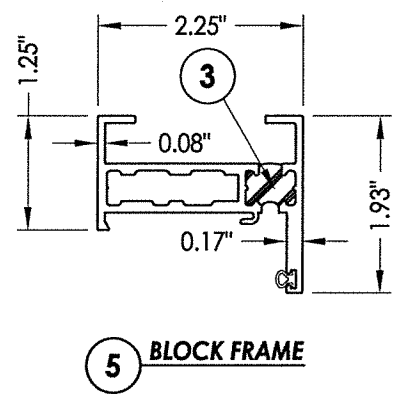
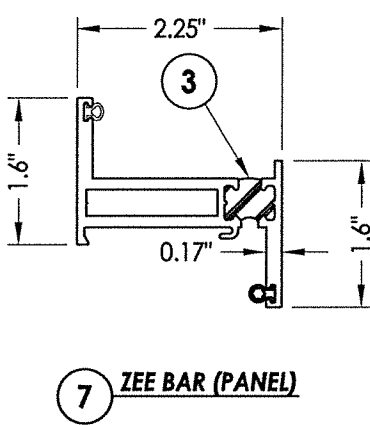
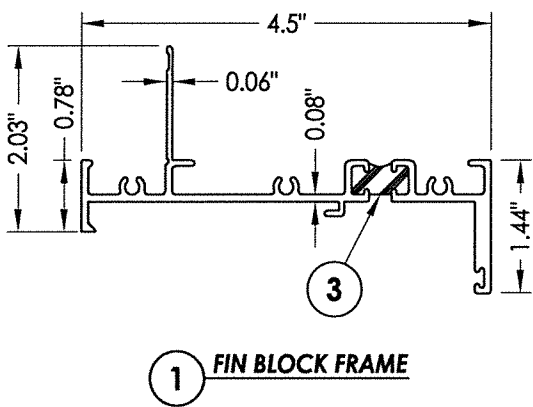
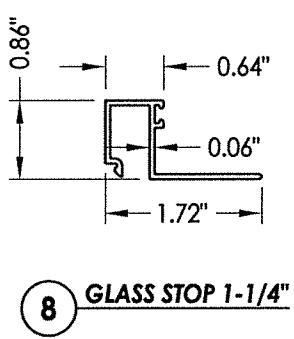
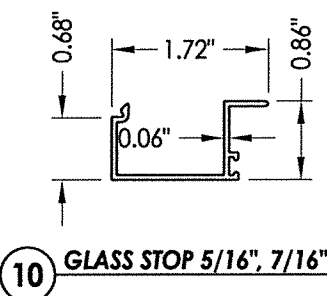
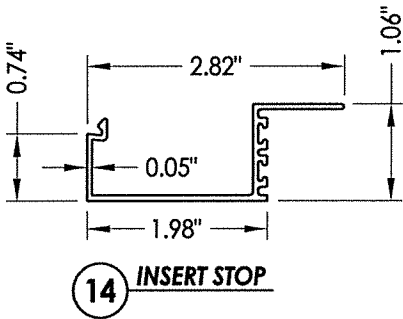
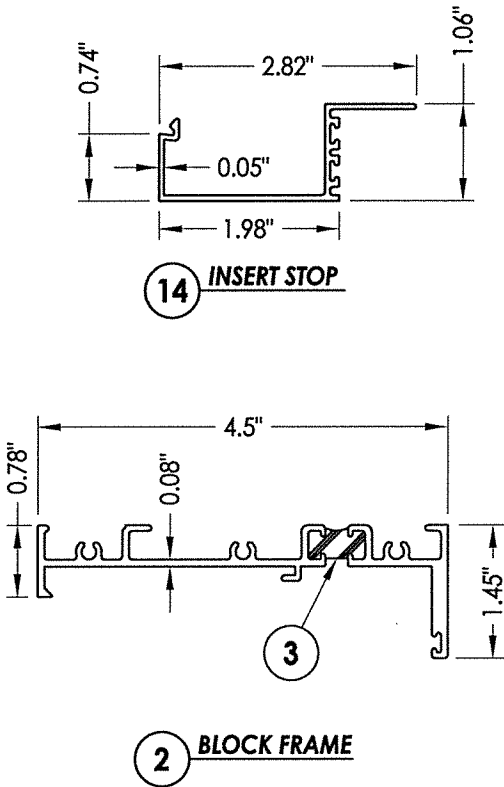
SHEET 6 OF 8

Z:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-14907 Awning\A - Drawings\FL-14907 (2020) R10\FL-14907.1-3.dwg



PRODUCT:		PART OR ASSEMBLY:	
FLEETWOOD WINDOWS AND DOORS		GLAZING DETAILS	
LFS	DAC	LFS	JK
DAC	FBC	FBC	JK
JK	FBC	JK	BY
6	12/08/21	SERIES NAME CHANGE	REVISIONS
5	8/10/20	UPDATE TO 7th ED. (2020)	
4	8/07/17	UPDATE TO 6TH ED. (2017)	
3	8/22/16	RENUMBER DRAWINGS	
2	1/22/15	UPDATE TO 5TH ED. (2014)	
1	4/24/14	ADD FRAME SIZE	
NO.	DATE		
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14907.2			
SHEET 7 OF 8			

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 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
L	#8 PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
M	#8 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	FIN BLOCK FRAME (3800-T)	6063-T6 ALUM
2	BLOCK FRAME (3800-T)	6063-T6 ALUM
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")	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	MACHINE 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	-
52	WOOD BLOCK .750" X 1.250"	-
53	ALUMINUM BLOCK .750" X 1.250"	-
54	PVC BLOCK .750" X 1.250"	-
55	SETTING BLOCK	-



December 8, 2021
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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:		BILL OF MATERIALS AND COMPONENTS	
LFS	DAC	LFS	JK	LFS	JK	BY	
6	12/08/21	SERIES NAME CHANGE	(2020) FBC	6	12/08/21	SERIES NAME CHANGE	(2020) FBC
5	8/10/20	UPDATE TO 7th ED.	(2017) FBC	5	8/10/20	UPDATE TO 7th ED.	(2017) FBC
4	8/07/17	UPDATE TO 6th ED.	(2014) FBC	4	8/07/17	UPDATE TO 6th ED.	(2014) FBC
3	8/22/16	RENUMBER DRAWINGS	(2014) FBC	3	8/22/16	RENUMBER DRAWINGS	(2014) FBC
2	1/22/15	UPDATE TO 5TH ED.	(2014) FBC	2	1/22/15	UPDATE TO 5TH ED.	(2014) FBC
1	4/24/14	ADD FRAME SIZE	(2014) FBC	1	4/24/14	ADD FRAME SIZE	(2014) FBC
NO.	DATE			NO.	DATE		
REVISIONS							
DATE: 10/23/13							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14907.2							
SHEET 8 OF 8							