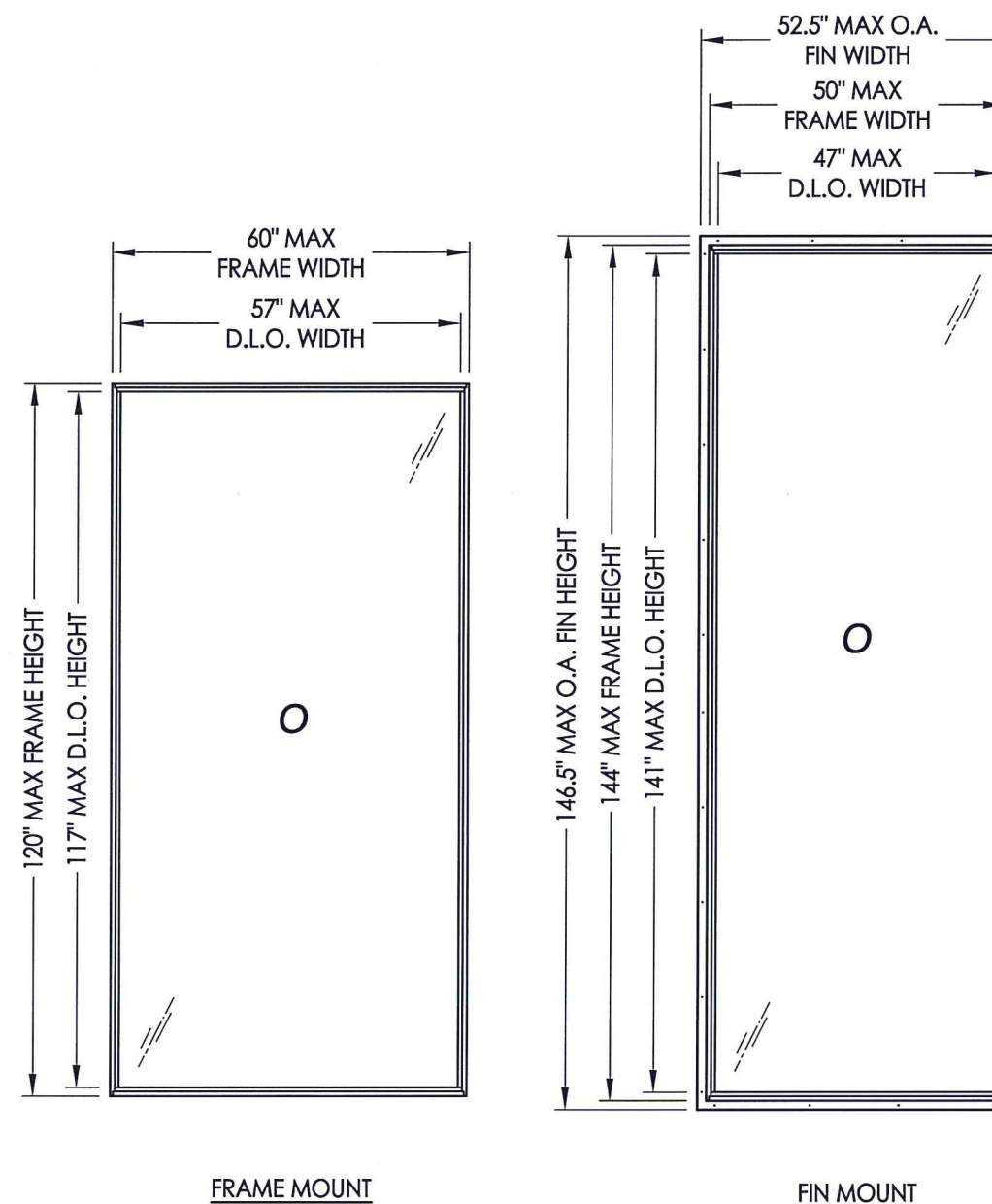


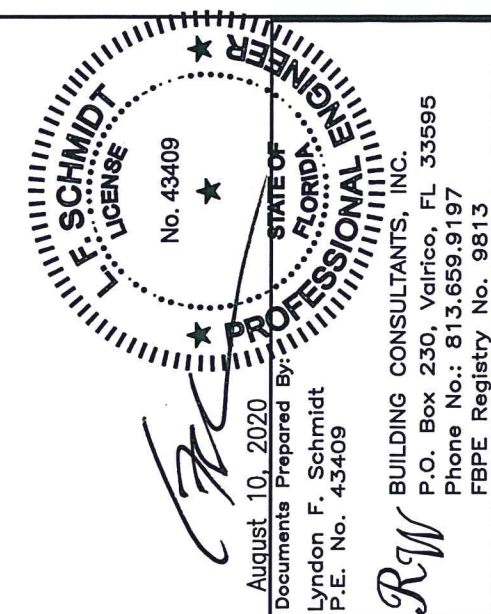
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 FBC Section 2411.3.4.
9. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

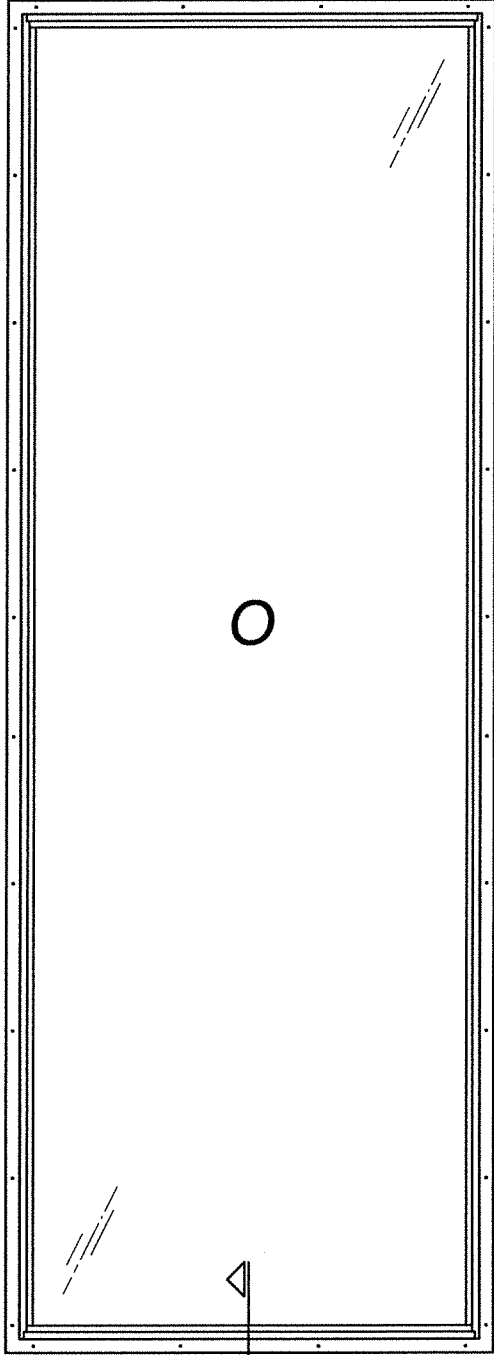
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal cross sections
4	Fin vertical cross section
5	Buck and frame anchoring
6	Glazing details
7	Bill of materials and components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
62.5" X 122.5"	60" X 120"	57" X 117"	G1, G2	+60.0	-60.0
52.5" X 146.5"	50" X 144"	47" X 141"	G3	+65.0	-65.0
42.5" X 98.5"	40" X 96"	37" X 93"	G4, G5	+65.0	-65.0



DATE: 2/26/14		PRODUCT:		FLEETWOOD WINDOWS AND DOORS
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-16925.1				
SHEET 1 OF 7		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
		REVISIONS		
NO.	DATE			BY
4	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	08/03/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
2	08/22/16	REVISE SERIES NAME		JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK

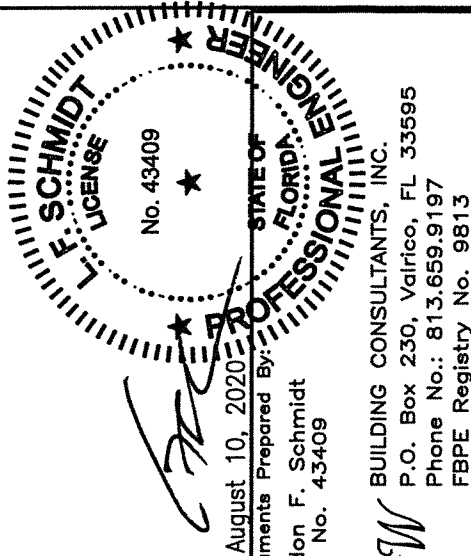
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FL-16925.1

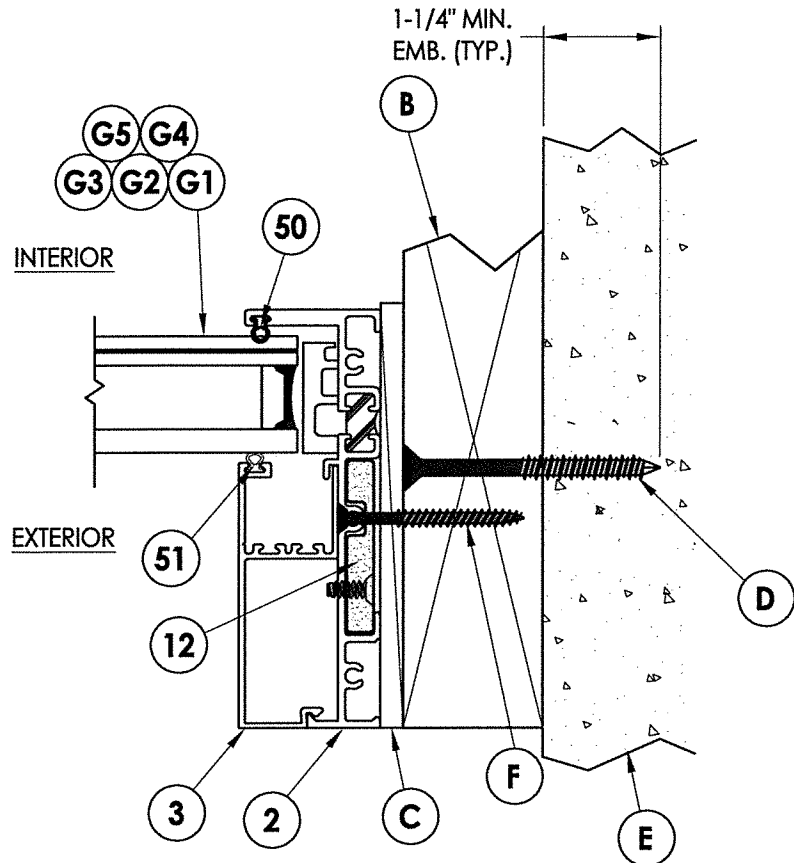
SHEET 2 OF 7

FBPE Registry No. 9813

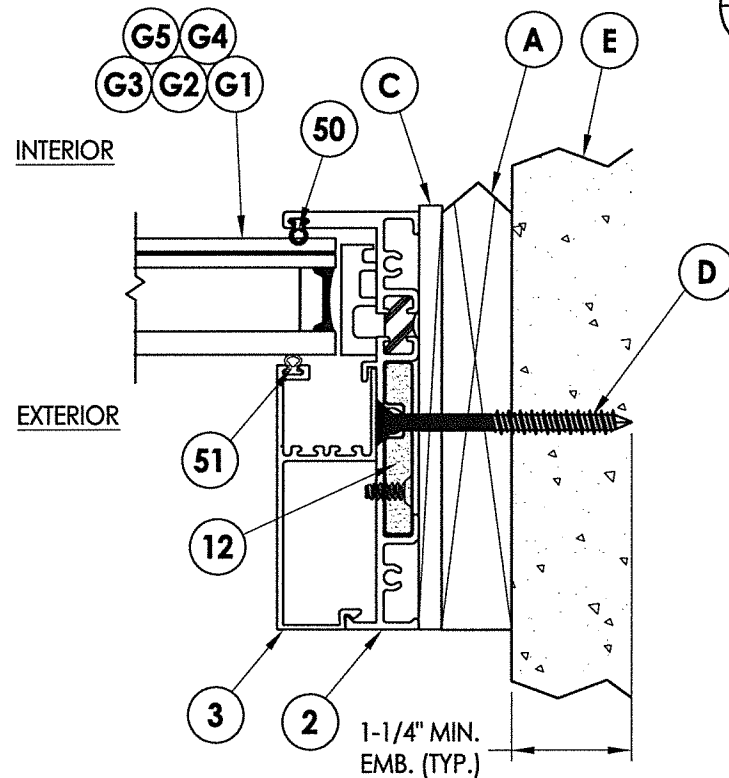
© 2014 R.W. BUILDING CONSULTANTS INC.



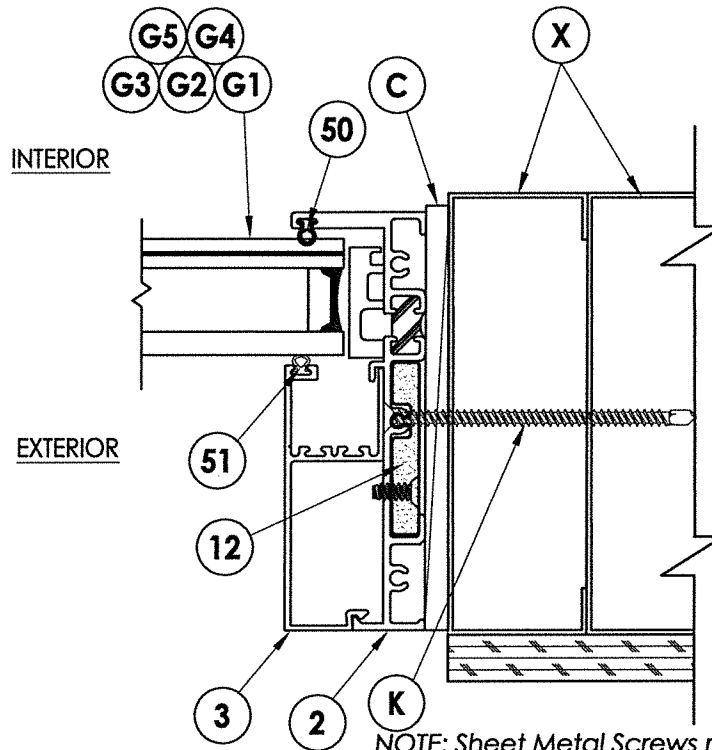
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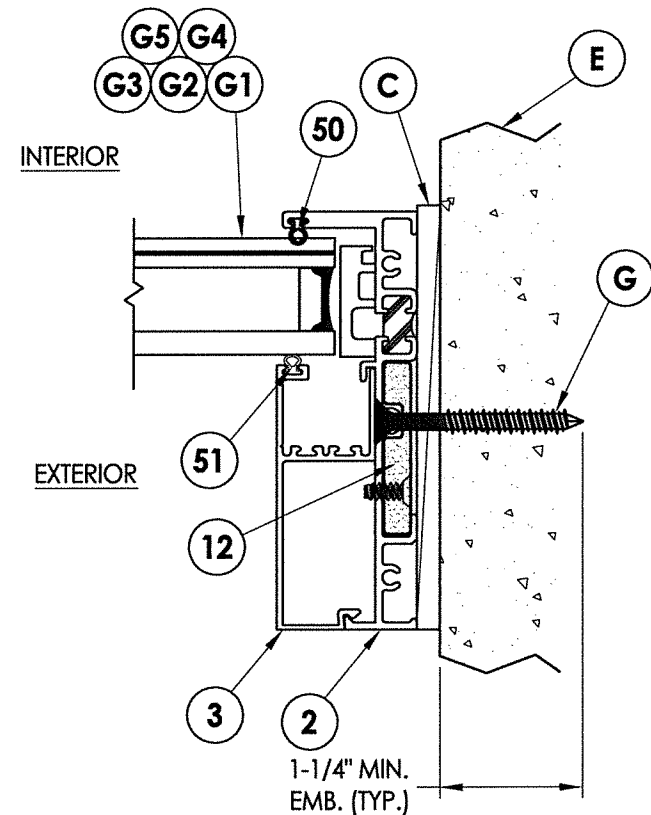
1 **HORIZONTAL CROSS SECTION**
3 Shown w/ 2X Buck option



2 **HORIZONTAL CROSS SECTION**
3 Shown w/ 1X Sub buck option

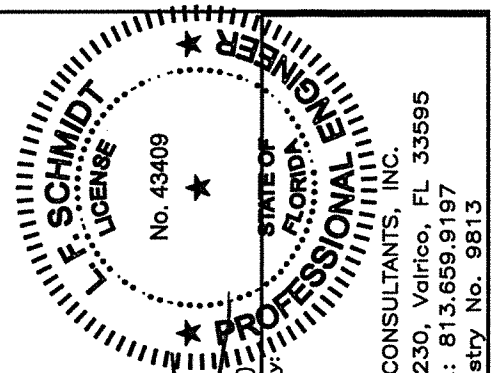


3 **HORIZONTAL CROSS SECTION**
3 Shown w/ Steel Stud option



4 **HORIZONTAL CROSS SECTION**
3 Shown w/ Direct to Masonry option

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

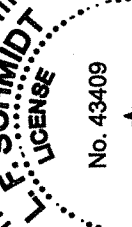


August 10, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

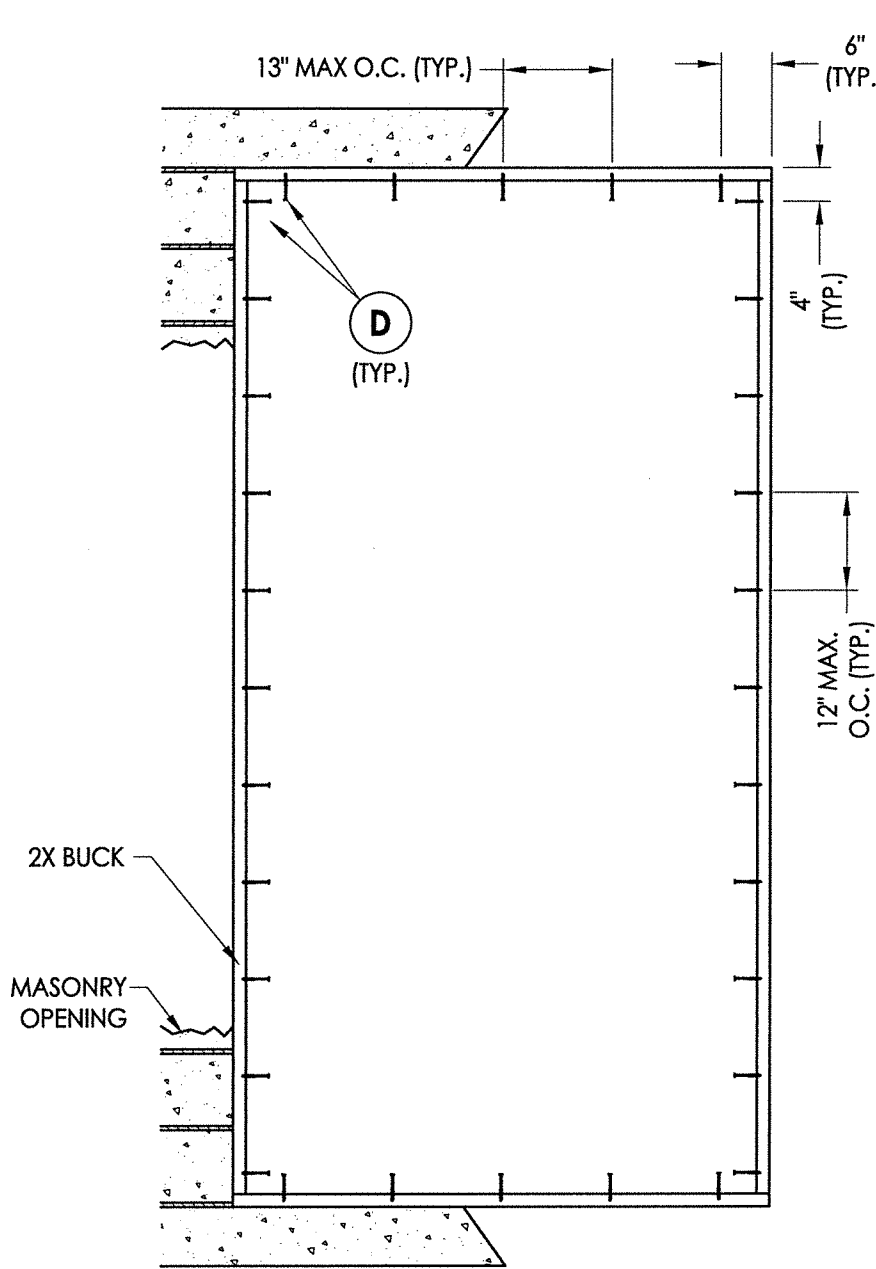
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DATE: 2/26/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16925.1
SHEET 3 OF 7

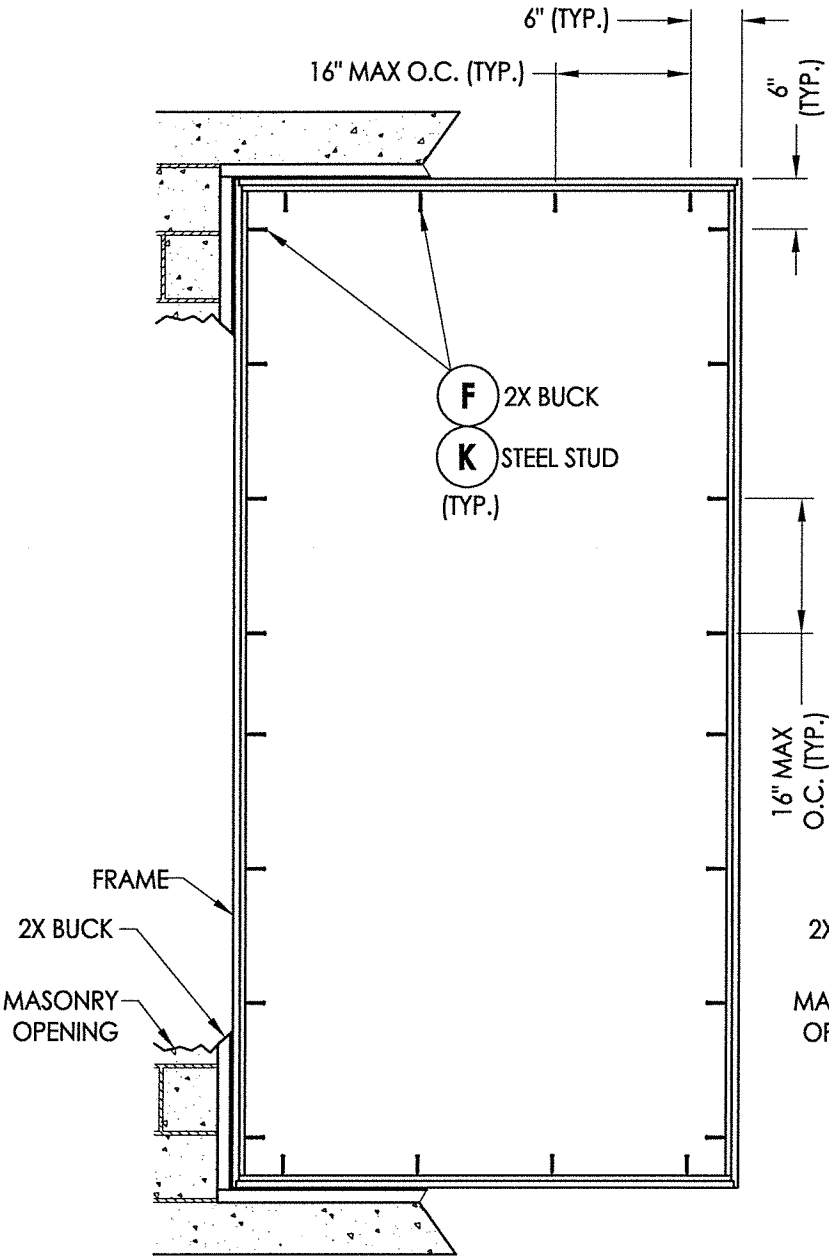

August 10, 2020
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
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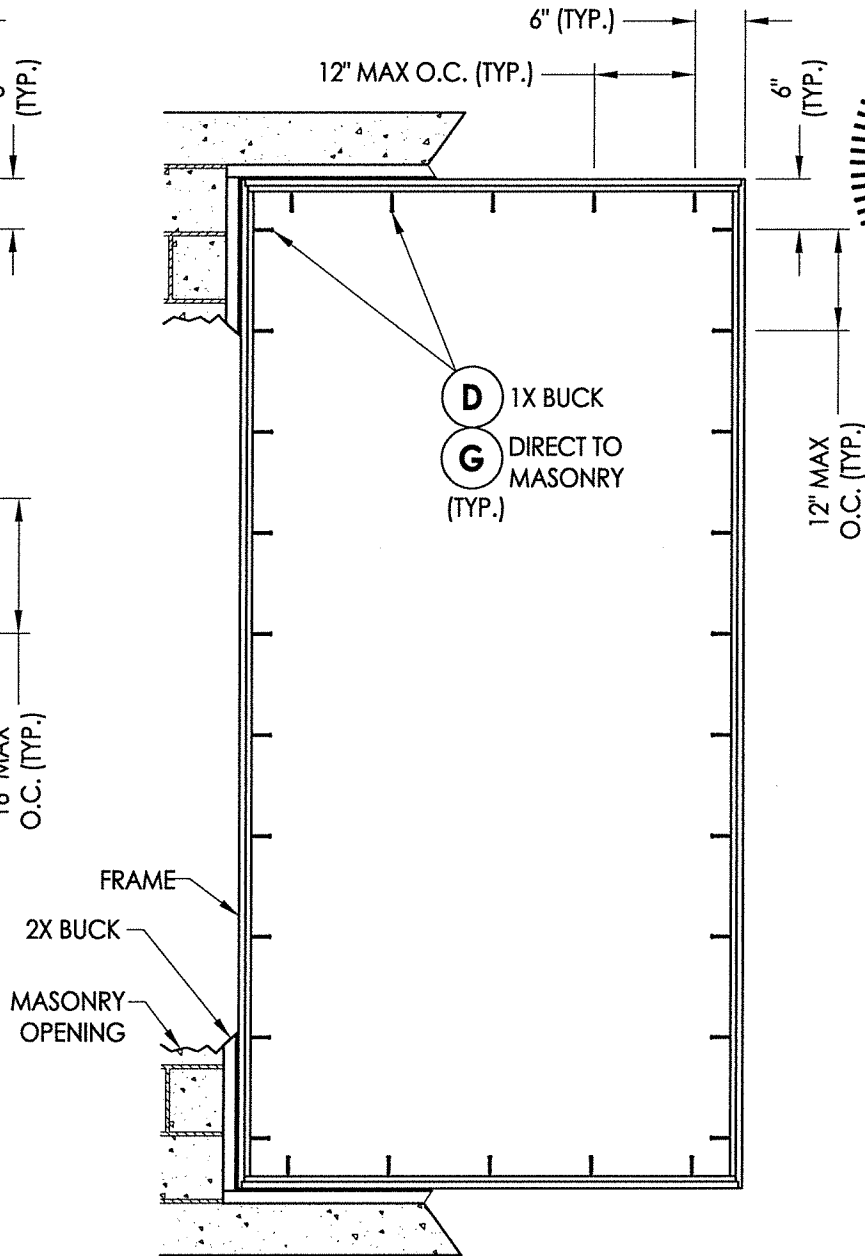
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2X BUCK ANCHORING



FRAME MOUNT ANCHORING
2X BUCK / STEEL STUD



FRAME MOUNT ANCHORING
1X BUCK / DIRECT TO MASONRY

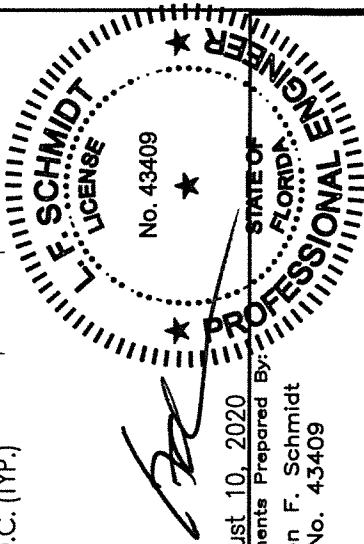
CONCRETE ANCHOR NOTES:

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.



August 10, 2020

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

PART OR ASSEMBLY:

BUCK & FRAME

ANCHORING

NO.

DATE

BY

REVISIONS

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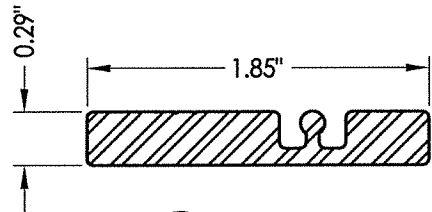
DATE

BY

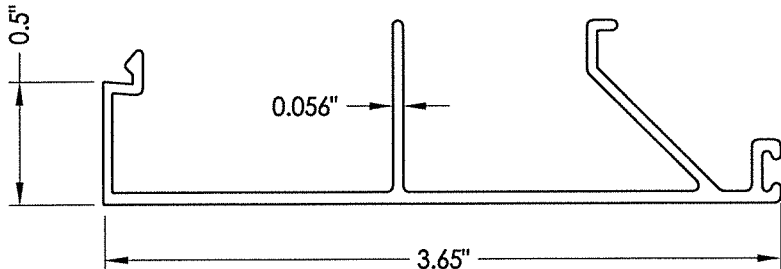
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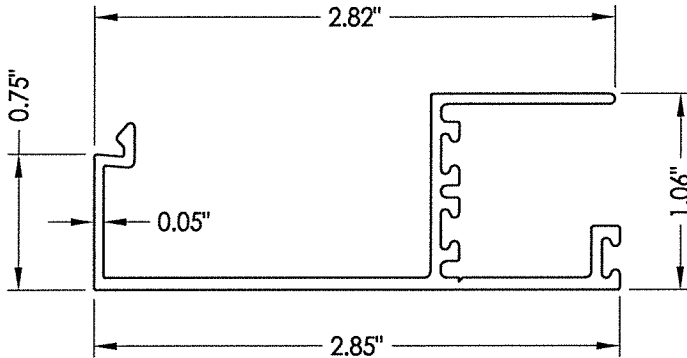
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" x 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	#10 X 2-3/4" PPH WOOD SCREW	STEEL
J	1/4" x 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 FH SELF-DRILLING SMS	STEEL
L	#10 X 2" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
M	#10 X 1-1/2" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
N	#10 PH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	KONA FIN BLOCK FRAME	6063-T6 ALUM
2	KONA BLOCK FRAME	6063-T6 ALUM
3	GLASS STOP (1-1/4")	6063-T6 ALUM
4	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	GLASS STOP (1-1/4")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
40	#10 X 1" PPH SMS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
55	SETTING BLOCK	-



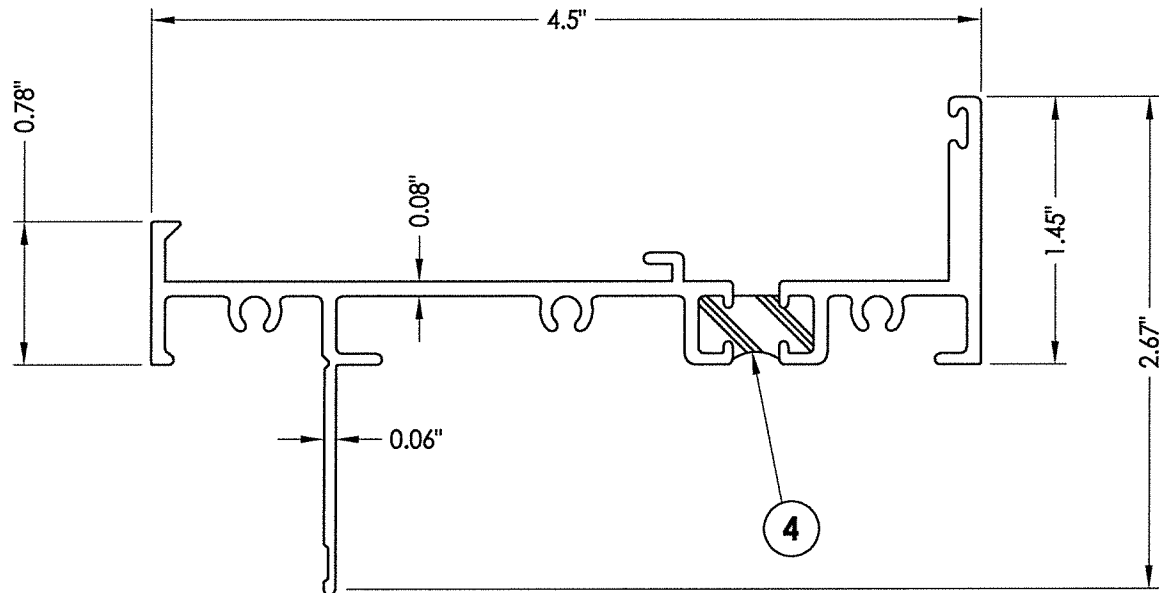
12 SHEAR BLOCK



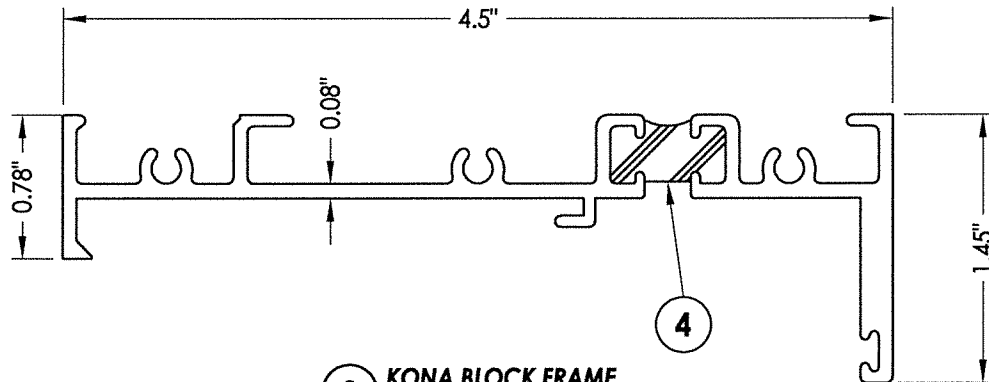
5 GLASS STOP 9/16"



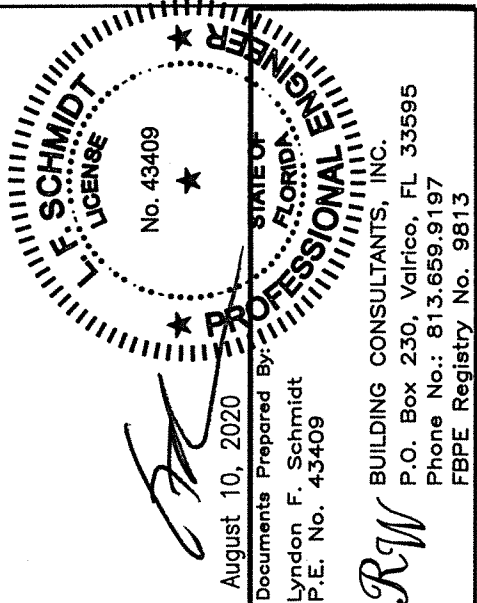
3 GLASS STOP 1-1/4"



1 KONA FIN BLOCK FRAME



2 KONA BLOCK FRAME



DATE: 2/26/14		PRODUCT: FLEETWOOD WINDOWS AND DOORS	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16925.1		BILL OF MATERIALS AND COMPONENTS	
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