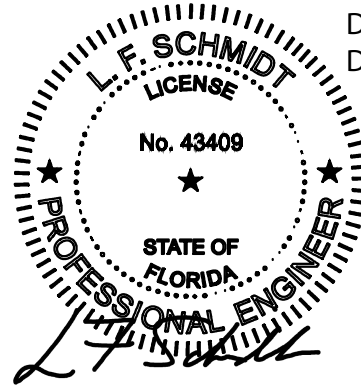
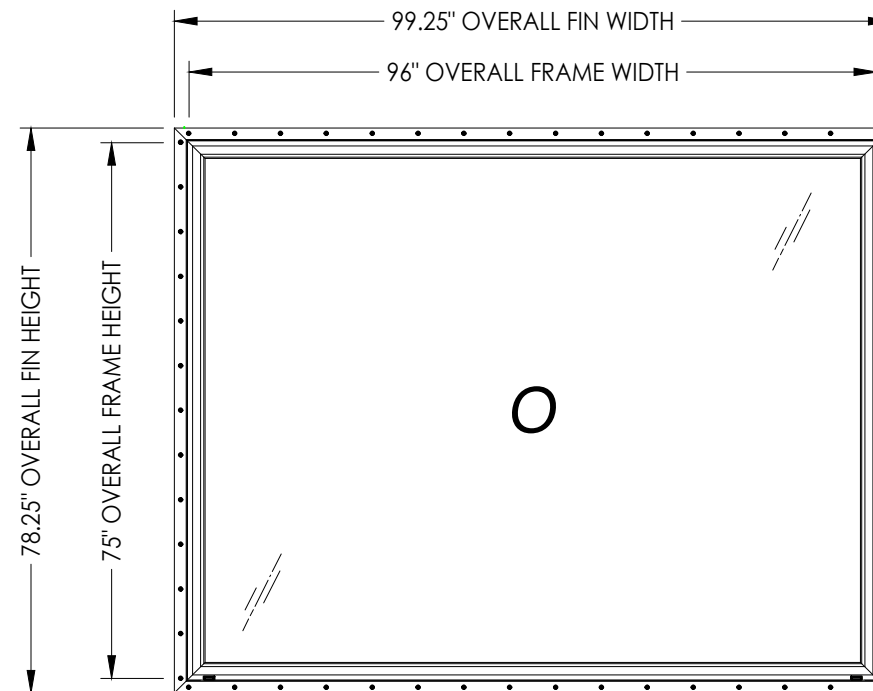




This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.



MAX. FIN DIMENSION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)		ANCHORING DETAIL
				POS.	NEG.	
123.25" X 63.25"	120.0" X 60.0"	114.75" X 54.75"	G3	+30.0	-30.0	SEE SHEET 4
99.25" X 78.25"	96.0" X 75.0"	90.75" X 69.75"		+20.0	-30.0	SEE SHEET 5
75.25" X 75.25"	72.0" X 72.0"	66.75" X 66.75"		+35.0	-40.0	SEE SHEET 3
63.25" X 63.25"	60.0" X 60.0"	54.75" X 54.75"	G1	+35.0	-35.0	
63.25" X 63.25"	60.0" X 60.0"	54.75" X 54.75"	G2	+40.0	-50.0	

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Buck & frame anchoring
4	Buck & frame anchoring
5	Buck & frame anchoring
6	Bill of materials, glazing details and components

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: FIXED WINDOW

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

6	7/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	8/19/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	8/24/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	7/12/16	REVISE TO NAIL FIN WINDOW		JK
2	7/7/15	REVISE DESIGN PRESSURES		LFS
1	1/27/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY
				REVISIONS

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

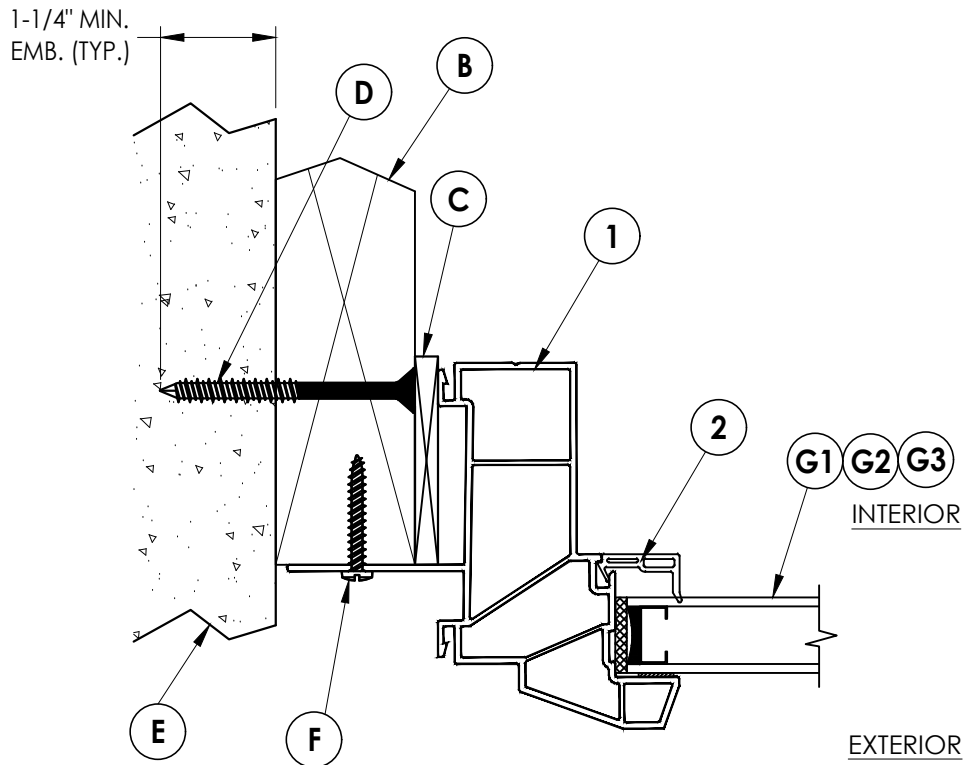
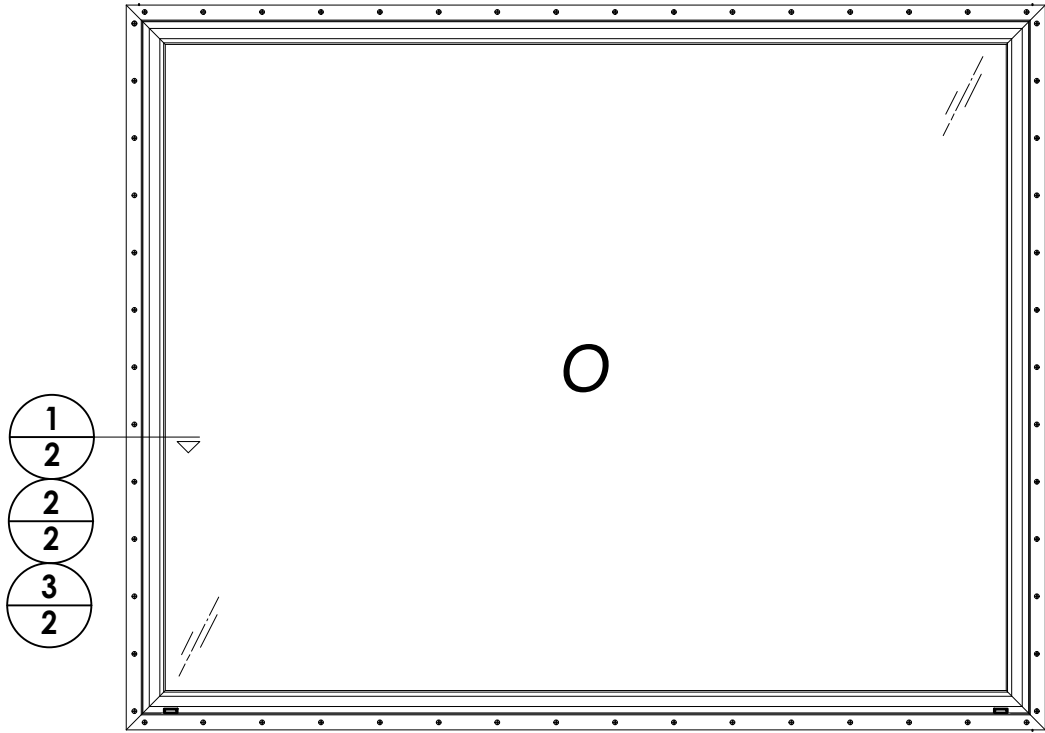
CHK. BY: LFS

DRAWING NO.:

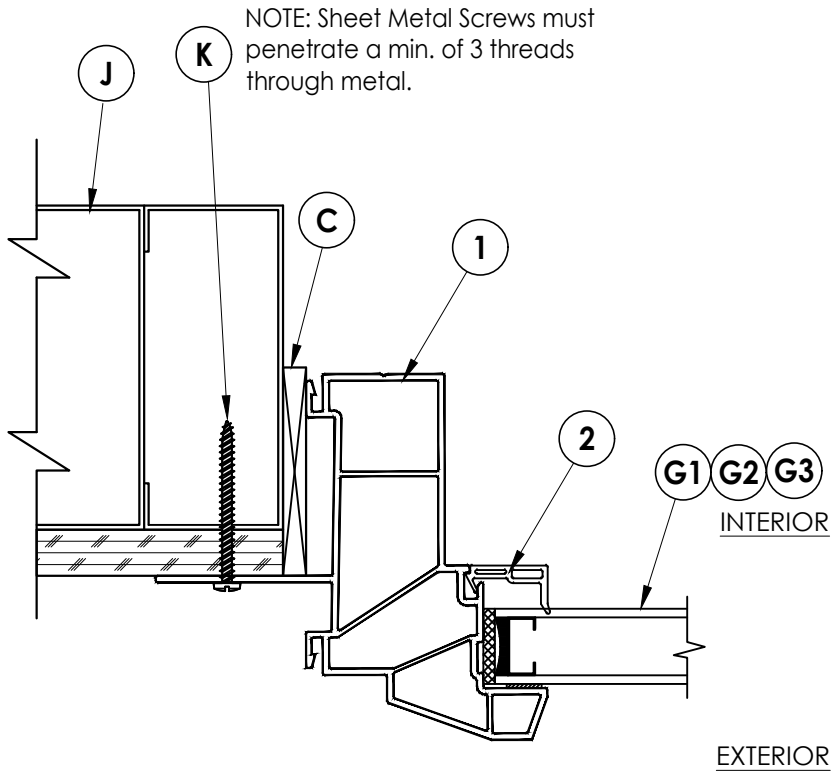
FL-9909.20

SHEET 1 OF 6

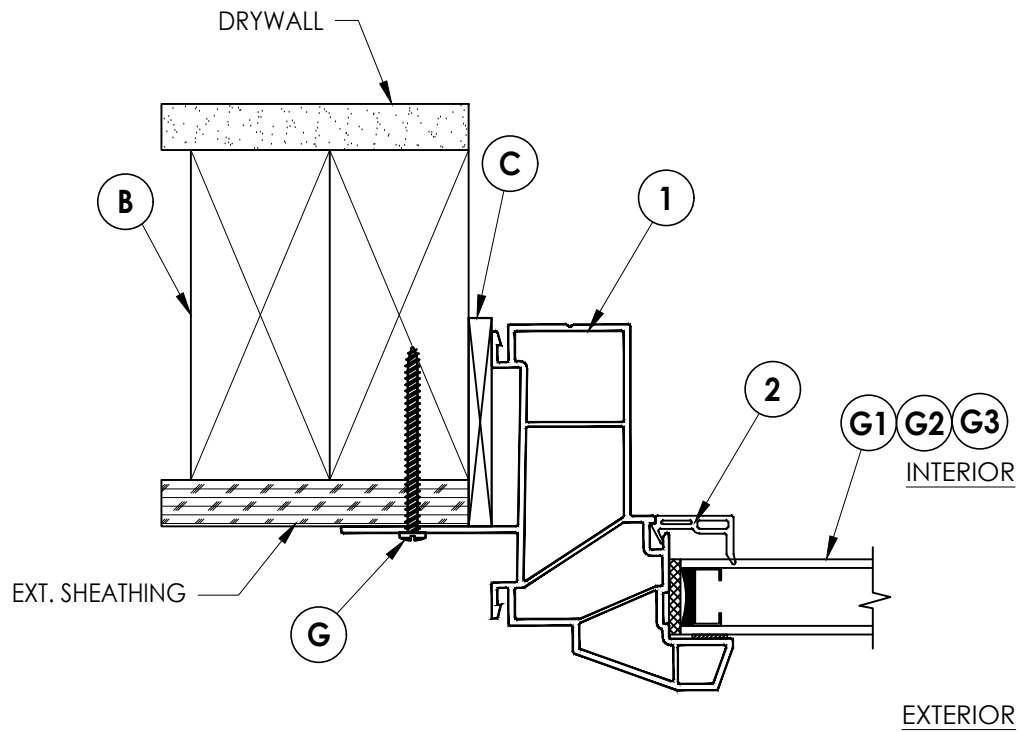
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-9909 R19\FL-9909.20.dwg



1 **HORIZONTAL CROSS SECTION**
2 2x Buck Construction Option



3 **HORIZONTAL CROSS SECTION**
2 Shown w/ Steel Stud Framing Option



2 **HORIZONTAL CROSS SECTION**
2 Stud Construction Option

NO.	DATE	REVISIONS					
		LFS	JK	BY	DATE	DESCRIPTION	DATE
6	7/14/23	UPDATE TO 8TH ED. (2023)	FBC				
5	8/19/20	UPDATE TO 7TH ED. (2020)	FBC				
4	8/24/17	UPDATE TO 6TH ED. (2017)	FBC				
3	7/12/16	REVISE TO NAIL FIN WINDOW	JK				
2	7/7/15	REVISE DESIGN PRESSURES	LFS				
1	1/27/15	UPDATE TO 5TH ED. (2014)	FBC				

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

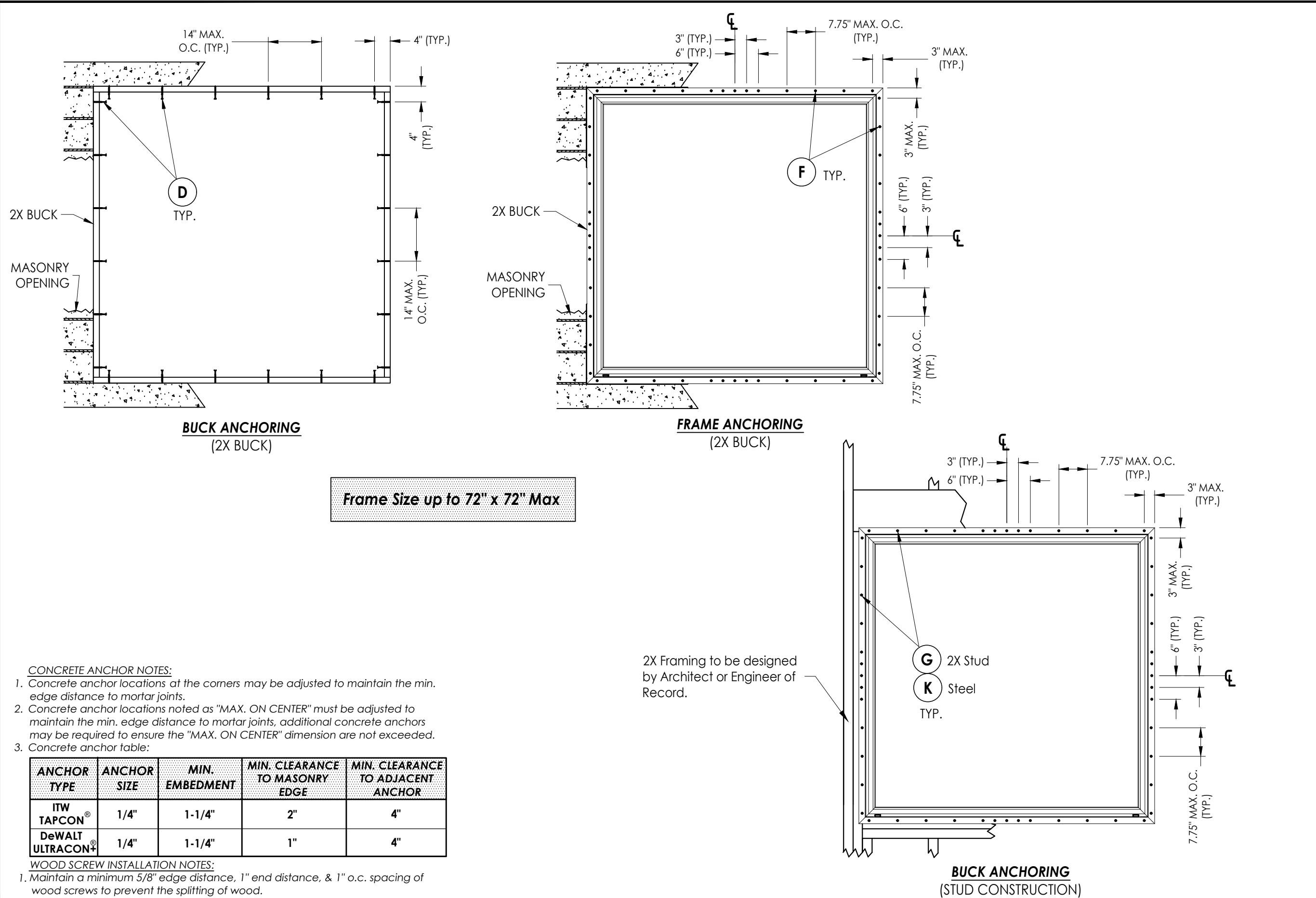
CHK. BY: LFS

DRAWING NO.:
FL-9909.20

SHEET 2 OF 6

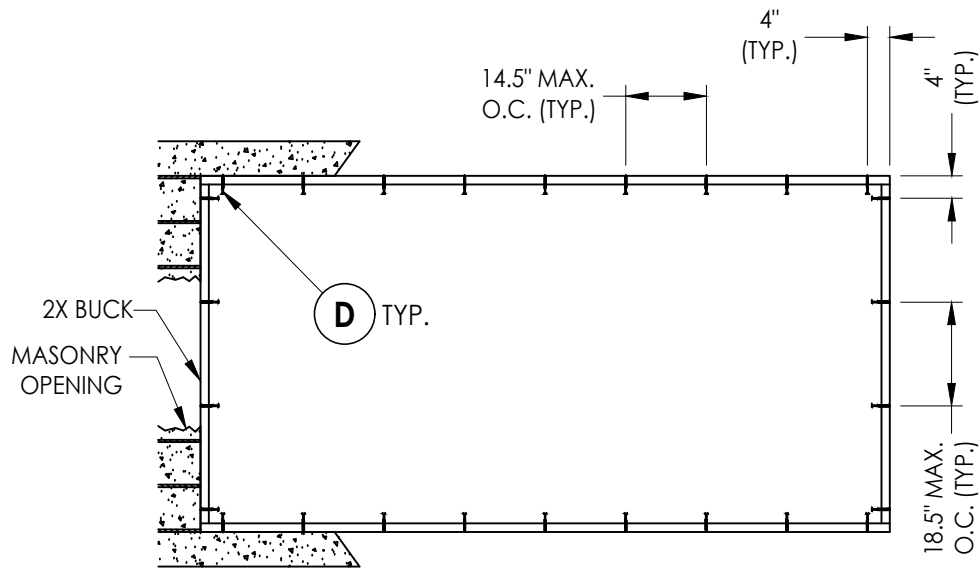
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

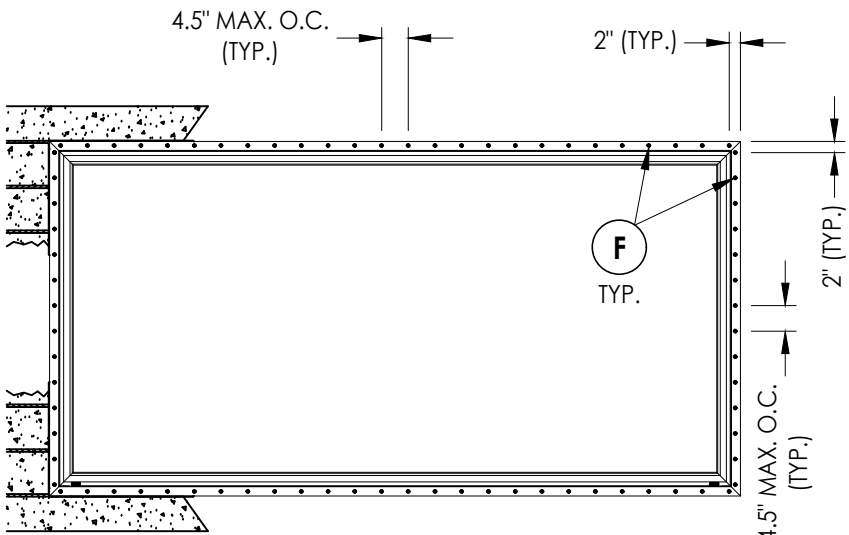


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FIXED WINDOW		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
LFS	7/14/23	UPDATE TO 8TH ED. (2023)	FBC
DAC	8/19/20	UPDATE TO 7TH ED. (2020)	FBC
LFS	8/24/17	UPDATE TO 6TH ED. (2017)	FBC
JK	7/12/16	REVISE TO NAIL FIN WINDOW	
LFS	7/7/15	REVISE DESIGN PRESSURES	
JK	1/27/15	UPDATE TO 5TH ED. (2014)	FBC
BY	NO.	DATE	
REVISIONS			
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-9909.20			
SHEET 3 OF 6			

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-9909 R19\FL-9909.20.dwg



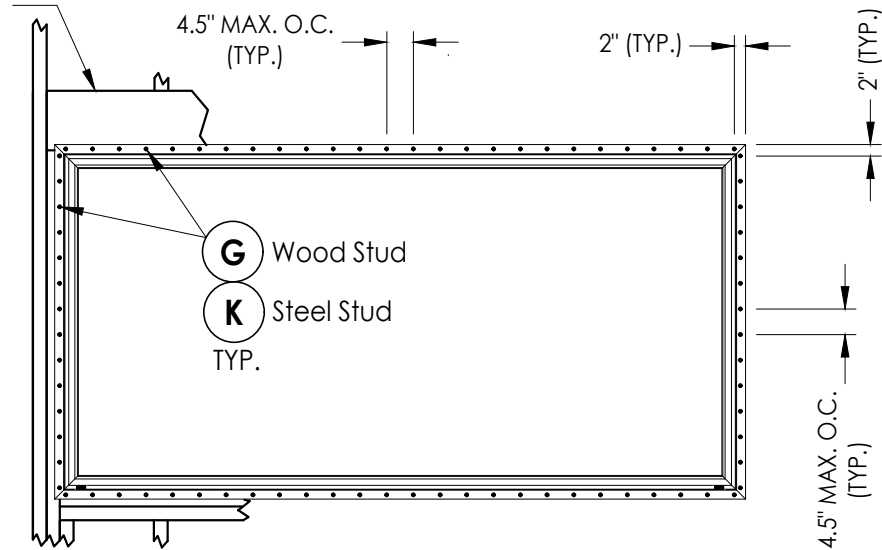
BUCK ANCHORING
(2X BUCK)



FRAME ANCHORING
(2X BUCK)

Frame Size up to 120" x 60" Max

2X Framing to be designed by
Architect or Engineer of Record.



FRAME ANCHORING
(STUD CONSTRUCTION)

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

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

PRODUCT: FIXED WINDOW

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/14/23	UPDATE TO 8TH ED. (2023) FBC
5	8/19/20	UPDATE TO 7TH ED. (2020) FBC
4	8/24/17	UPDATE TO 6TH ED. (2017) FBC
3	7/12/16	REVISE TO NAIL FIN WINDOW
2	7/7/15	REVISE DESIGN PRESSURES
1	1/27/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 10/23/13

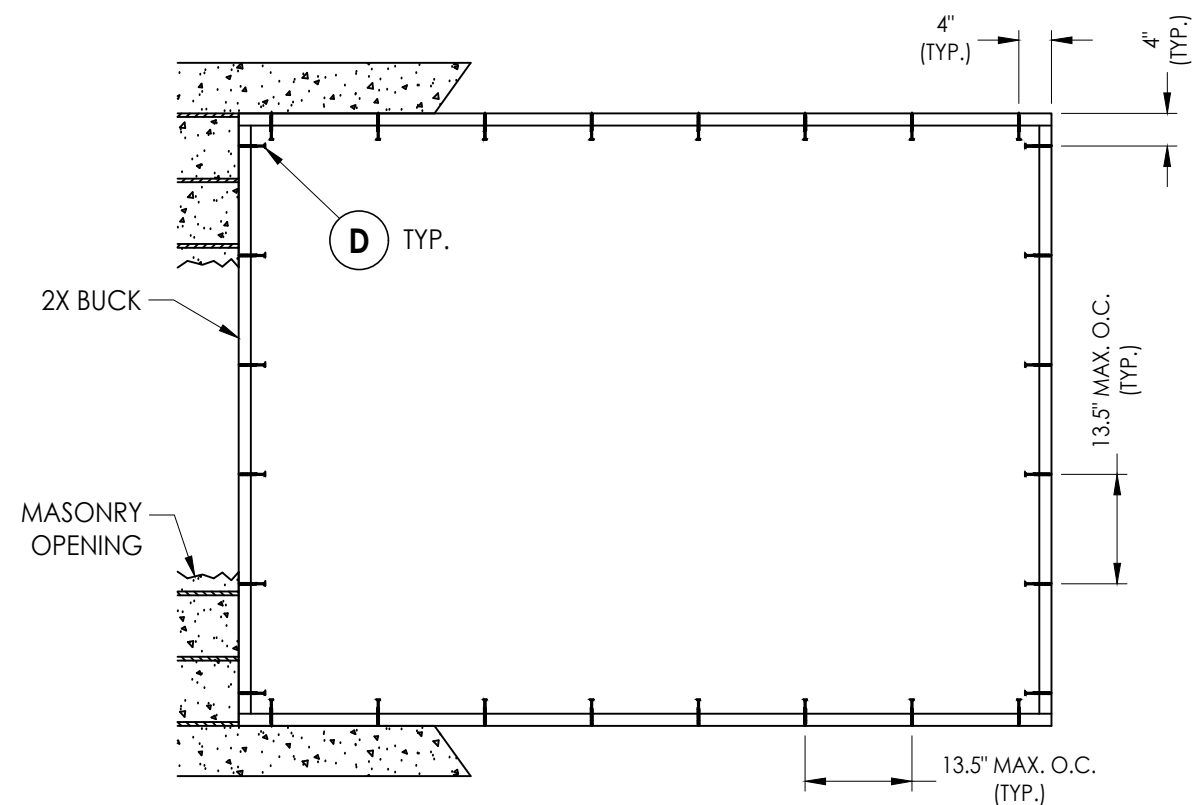
SCALE: N.T.S.

DWG. BY: JK

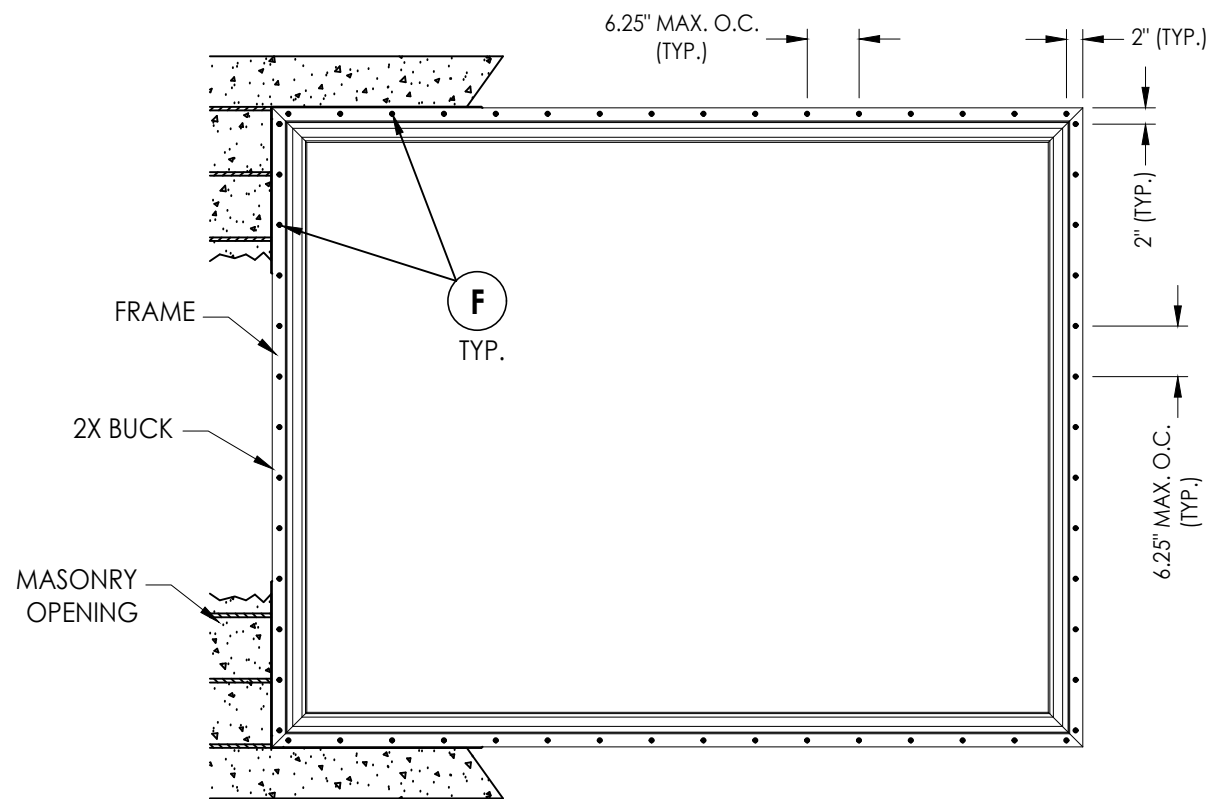
CHK. BY: LFS

DRAWING NO.:
FL-9909.20

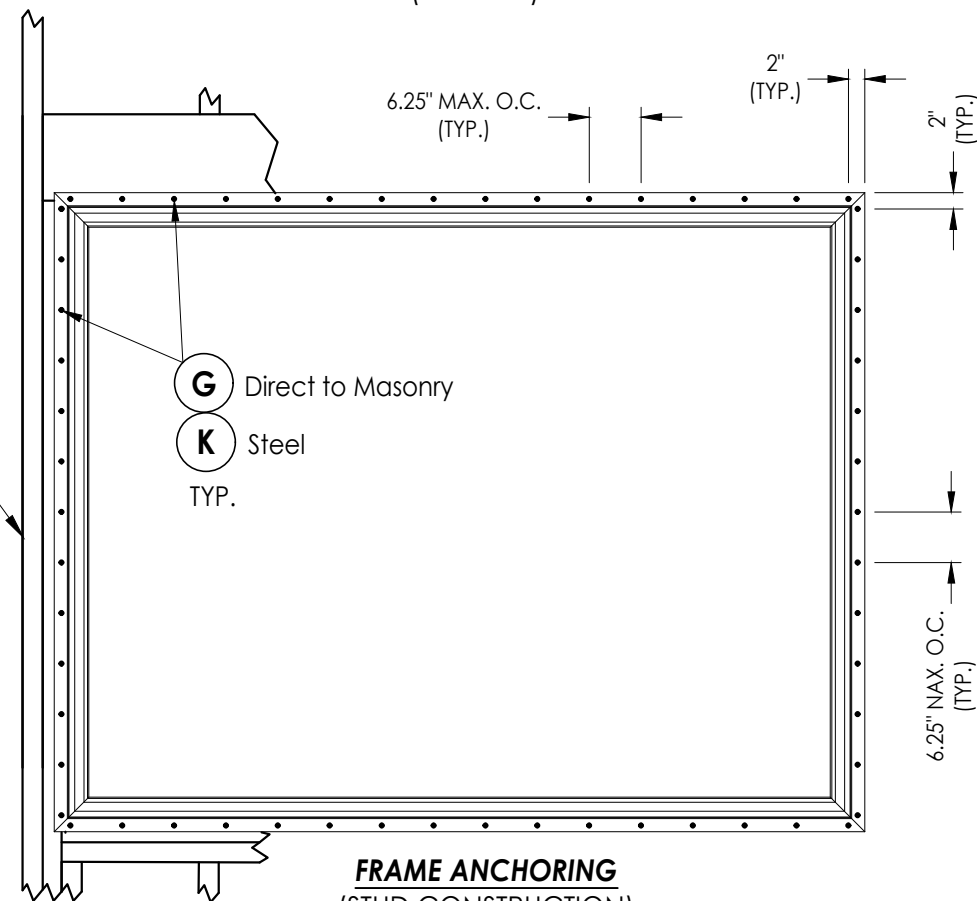
SHEET 4 OF 6



BUCK ANCHORING



FRAME ANCHORING
(2X BUCK)



FRAME ANCHORING (STUD CONSTRUCTION)

Frame Size up to 96" x 75" Max

2X Framing to be designed
by Architect or Engineer of
Record.

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 ULTRA-CON®	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.

NO.	DATE	REVISIONS
6	7/14/23	UPDATE TO 8TH ED. (2023) FBC
5	8/19/20	UPDATE TO 7TH ED. (2020) FBC
4	8/24/17	UPDATE TO 6TH ED. (2017) FBC
3	7/12/16	REVISE TO NAIL FIN WINDOW
2	7/7/15	REVISE DESIGN PRESSURES
1	1/27/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 10/23/13

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-9909.20

SHEET 5 OF 6

PRODUCT:

PRODUCT: FIXED WINDOW

PRODUCT: FIXED WINDOW

PART OR ASSEMBLY:

PRODUCT:	FIXED WINDOW
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING

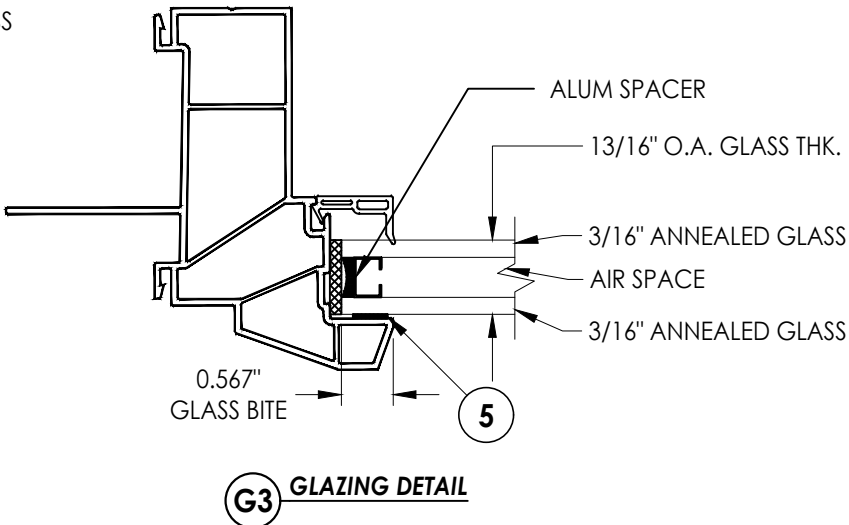
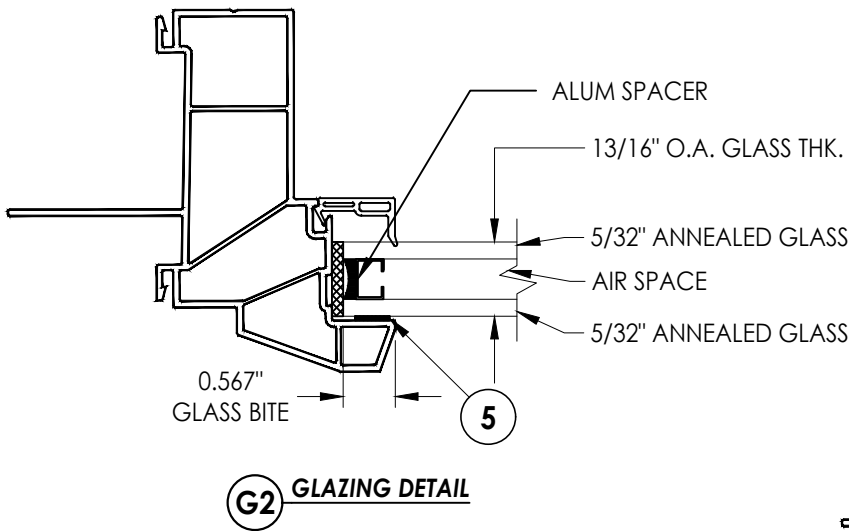
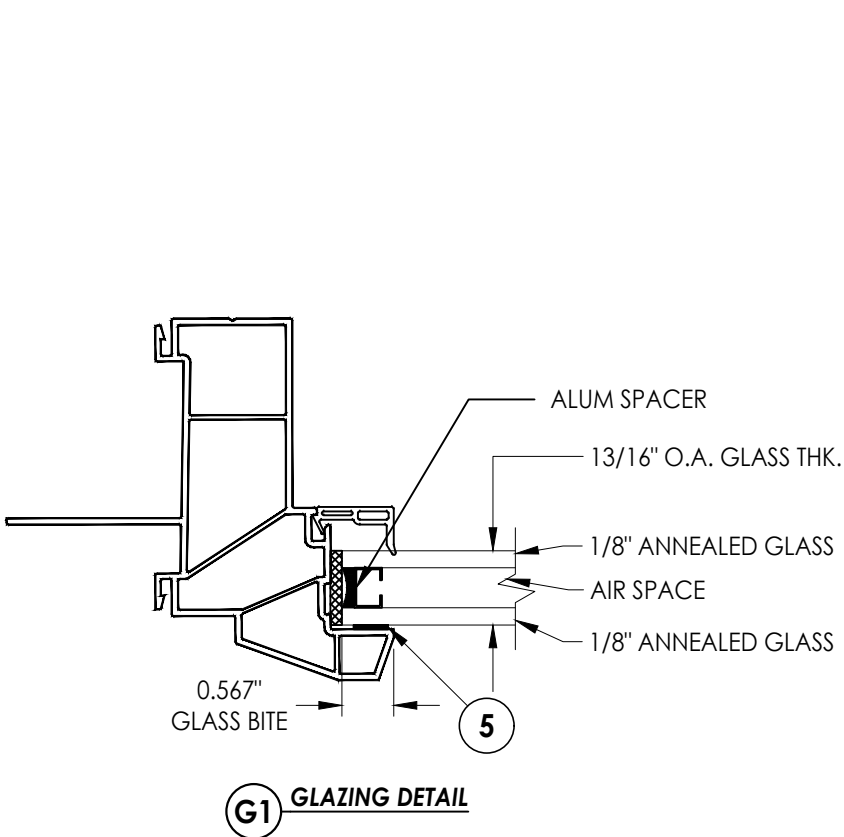
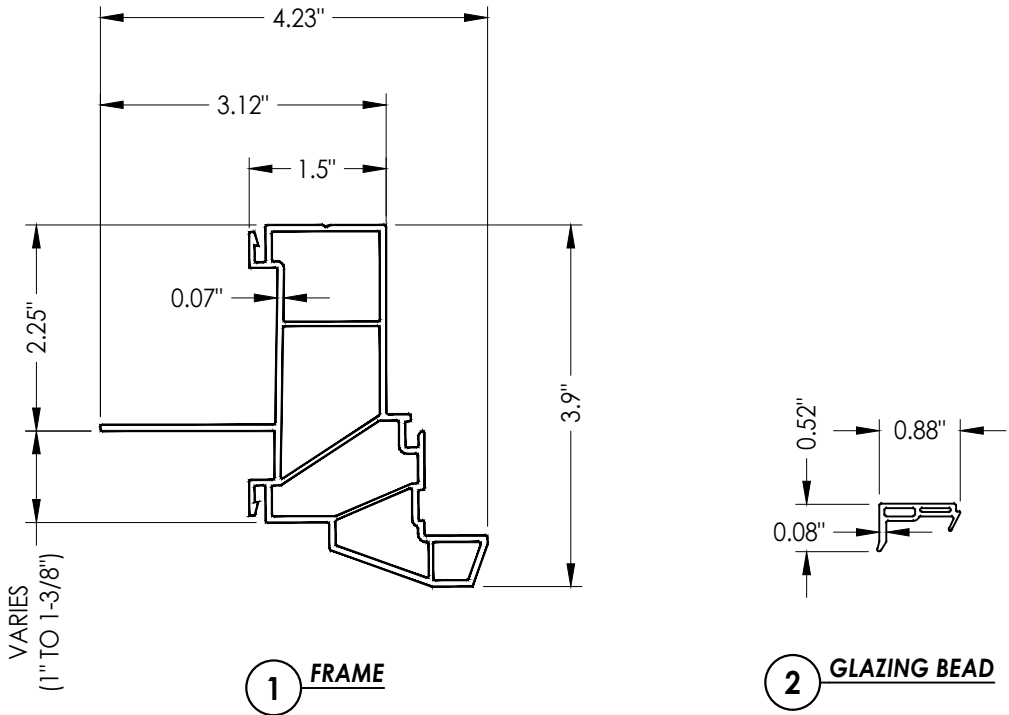
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-9909 R19\FL-9909.20.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH 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	#8 X 1-1/4" TRUSS HEAD SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	#8 X 1-3/4" TRUSS HEAD SMS (1-1/8" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



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: FIXED WINDOW				PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS			
LFS	6	7/14/23	UPDATE TO 8TH ED. (2023)	FBC	JK		
DAC	5	8/19/20	UPDATE TO 7TH ED. (2020)	FBC	JK		
LFS	4	8/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
	3	7/12/16	REVISE TO NAIL FIN WINDOW				
	2	7/7/15	REVISE DESIGN PRESSURES				
	1	1/27/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
	NO.	DATE			BY		
				REVISIONS			
DATE: 10/23/13							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-9909.20							
SHEET 6 OF 6							