

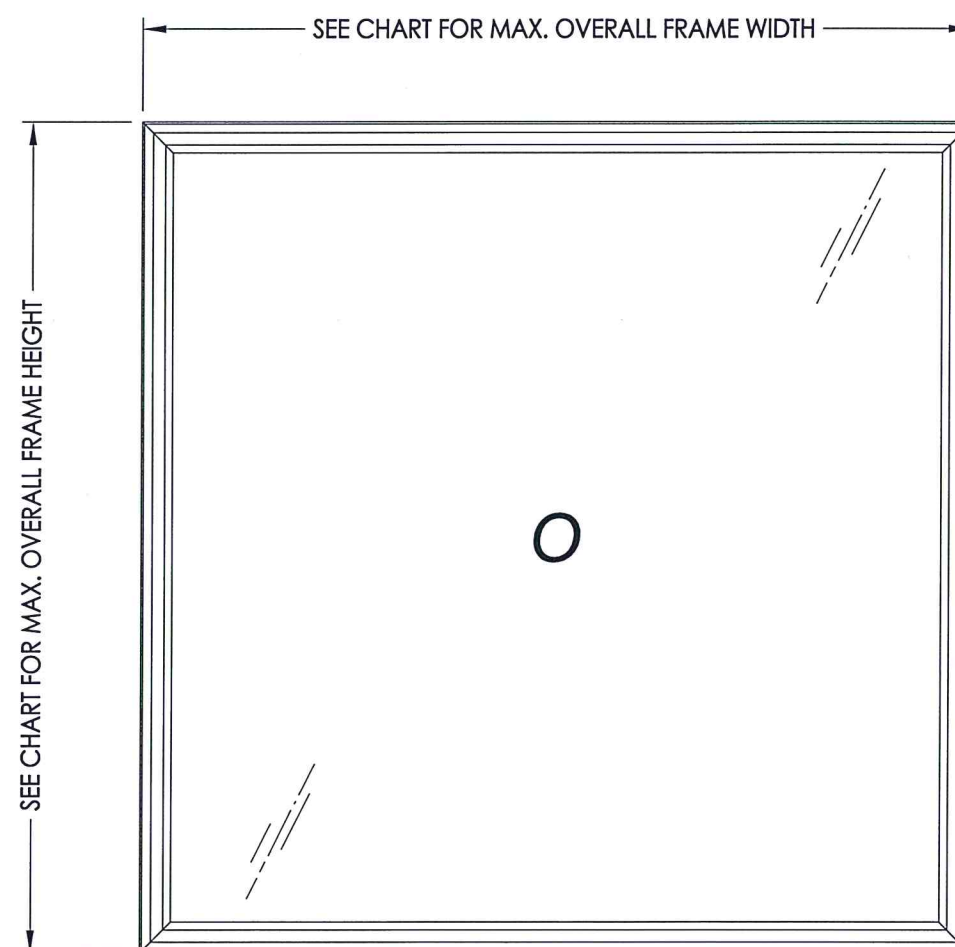


Fixed Window
"NON-IMPACT"

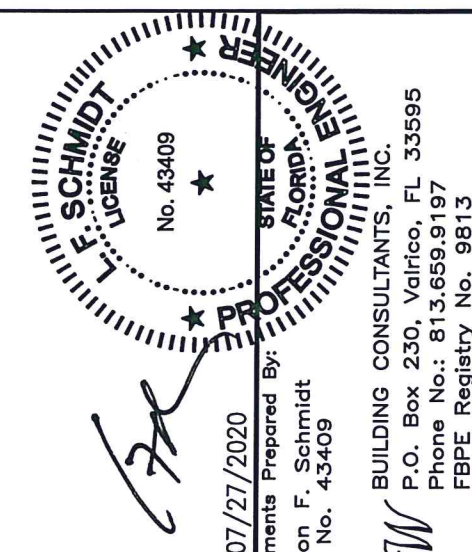
GENERAL NOTES

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 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.

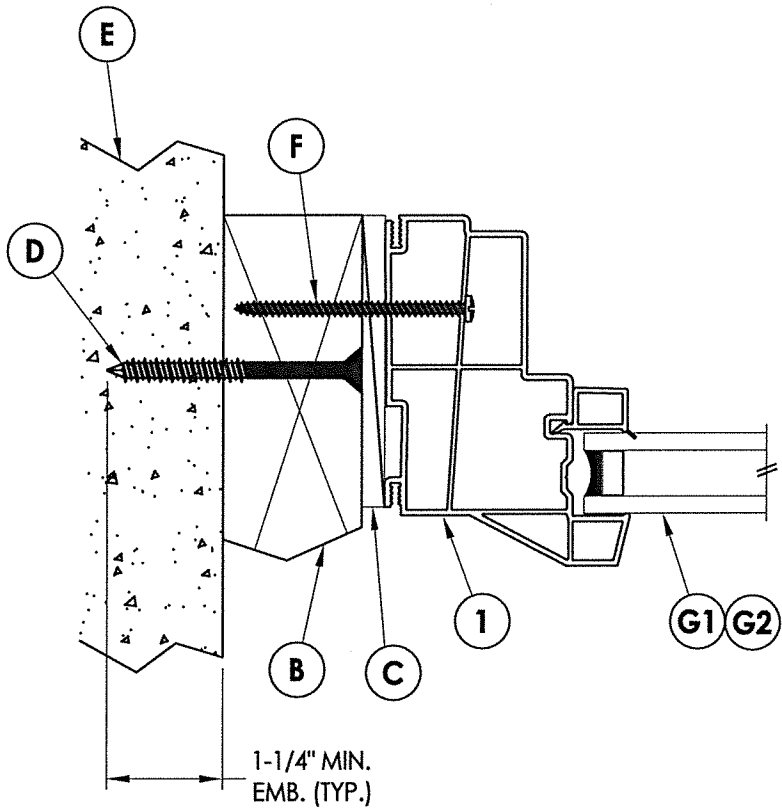
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Buck & frame anchoring
4	Bill of materials, components & glazing details



MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
56.0" X 56.0"	50.625" x 50.625"	G1	+55.0	-55.0
72.0" X 72.0"	66.5" x 66.5"	G2	+50.0	-50.0



DATE: 5/9/19		PRODUCT: FIXED WINDOW	
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26908.3		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
SHEET 1 OF 4			



1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction

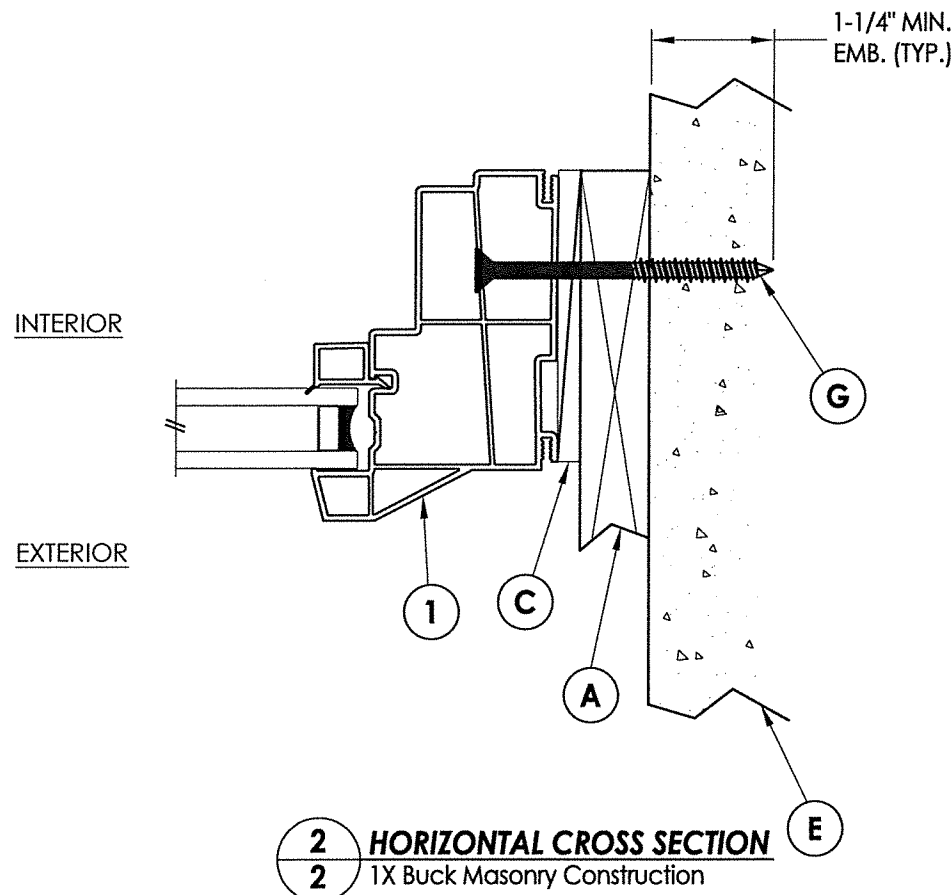
penetrate a min. of 3 threads through at least 2 sheets of metal.

EXTERIOR

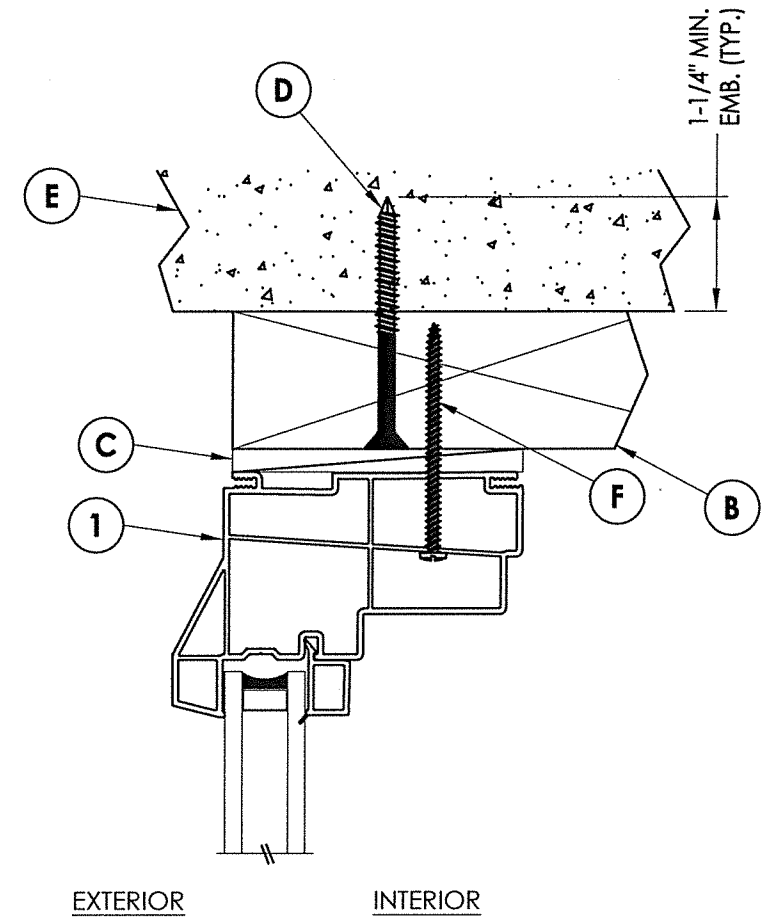
INTERIOR

4/2 HORIZONTAL CROSS SECTION

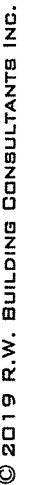
Metal Stud Construction



2 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction



3 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



16" MAX. O.C.
(TYP.)

4" (TYP.)

4" (TYP.)

16" MAX. O.C.
(TYP.)

2X BUCK
1X BUCK
STEEL STUD
(TYP.)

F
G
K

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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

07/27/2020

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

DATE	NO.	DATE	UPDATE TO	7th ED	(2020)	FBC	DAC
5/9/19	1	7/27/20	UPDATE TO	7th ED	(2020)	FBC	DAC
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-26908.3							
SHEET 3 OF 4							

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

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

© 2019 R.W. BUILDING CONSULTANTS INC.

GLAZING SEALANT (DOW 1199)

1/2" GLASS BITE

7/8" O.A. GLASS THK.

1/8" ANNEALED GLASS

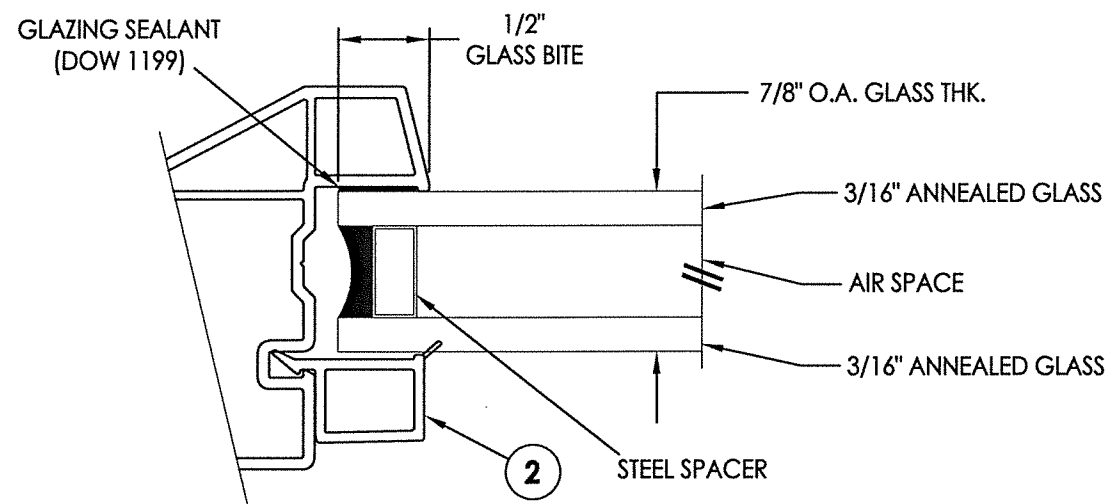
AIR SPACE

1/8" ANNEALED GLASS

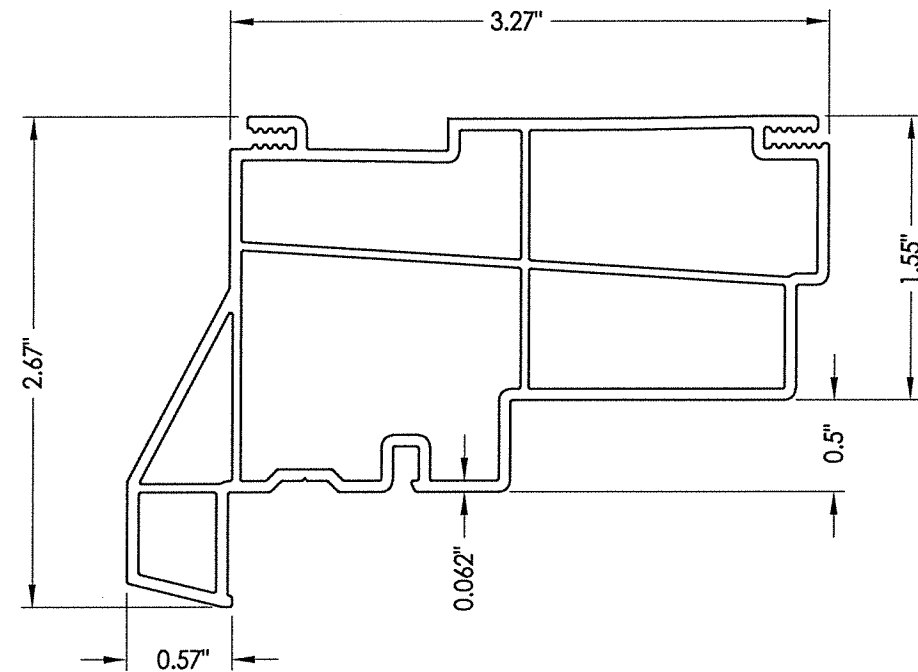
STEEL SPACER

2

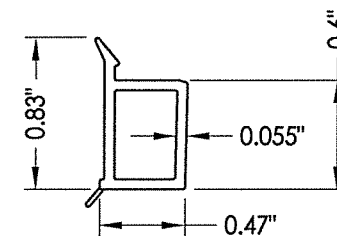
G1 GLAZING DETAIL



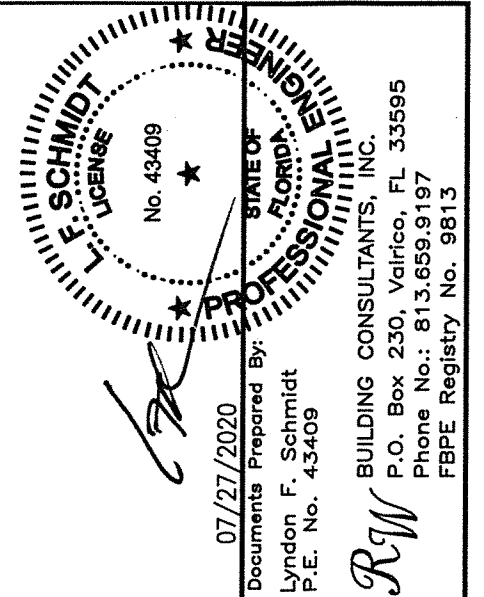
G2 GLAZING DETAIL



1 FRAME



2 GLAZING BEAD



PRODUCT: FIXED WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS
AND GLAZING DETAILS

[illegible]

DATE: 5/9/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

FL-26908.3

SHEET 4 OF 4