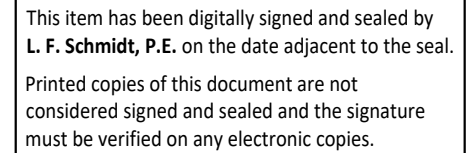


TWIN FRENCH CASEMENT WINDOW
"American" Frame
 OUTSWING
 "IMPACT"



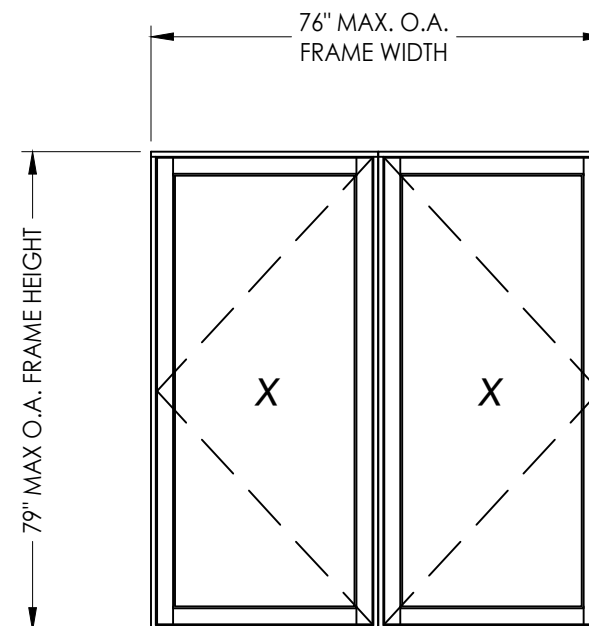
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 FBC and does not require an impact resistant covering.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. All window frame wood to be Sapele (Specific Gravity = 0.55).
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".

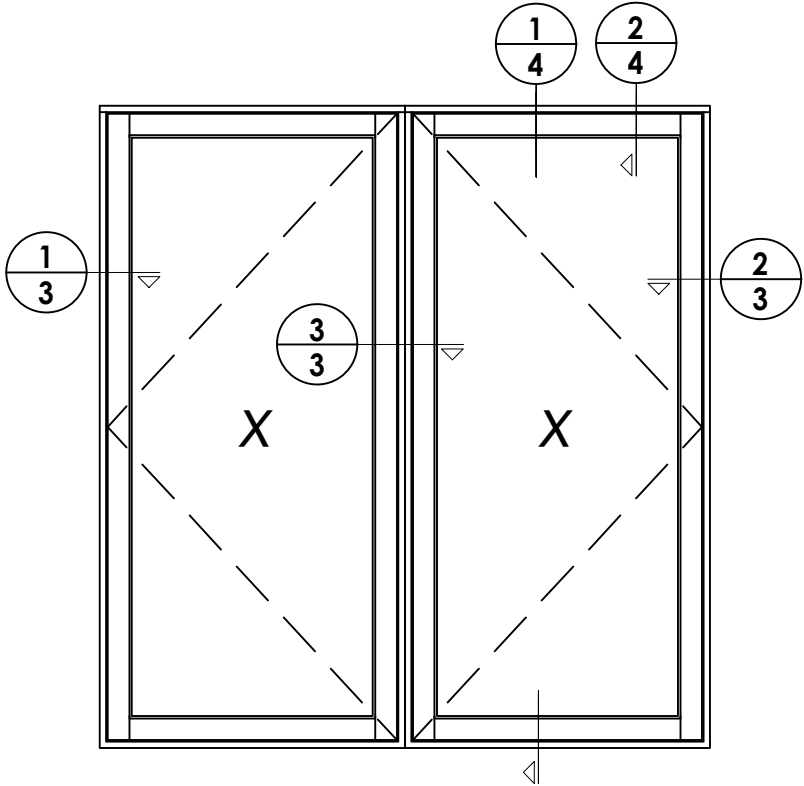
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Elevation
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Hardware details
7	Bill of materials, glazing details and components



OVERALL FRAME DIMENSION	MAX. SASH DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
76.0" x 79.0"	36.0" x 77.0"	30.0" x 71.0"	G1, G2	+75.0	-75.0

NOTE: Do not install above 30 ft. elevation in the "HVHZ" with G1 glazing.

DATE: 12/4/14								PRODUCT:		MILLWORK ARTISANS CASEMENT WINDOW	
SCALE: N.T.S.											
DWG. BY: JK				9/14/23		UPDATE TO 8TH ED. (2023)		FBC		LFS	
CHK. BY: LFS				9/29/20		UPDATE TO 7TH ED. (2020)		FBC		LFS	
DRAWING NO.: FL-17413.6				10/3/17		UPDATE TO 6TH ED. (2017)		FBC		JK	
SHEET 1 OF 7				3/03/15		UPDATE TO 5TH ED. (2014)		FBC		JK	
		NO.		DATE						BY	
										REVISIONS	
										PART OR ASSEMBLY:	
										TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	



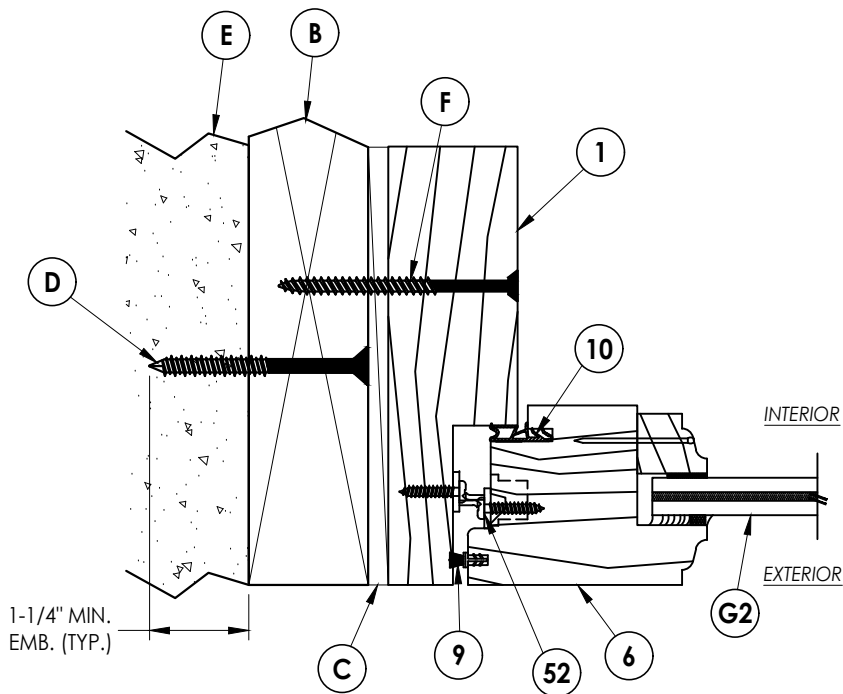
DATE: 12/4/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17413.6
SHEET 2 OF 7

NO.	DATE	REVISIONS
4	9/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/3/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC JK

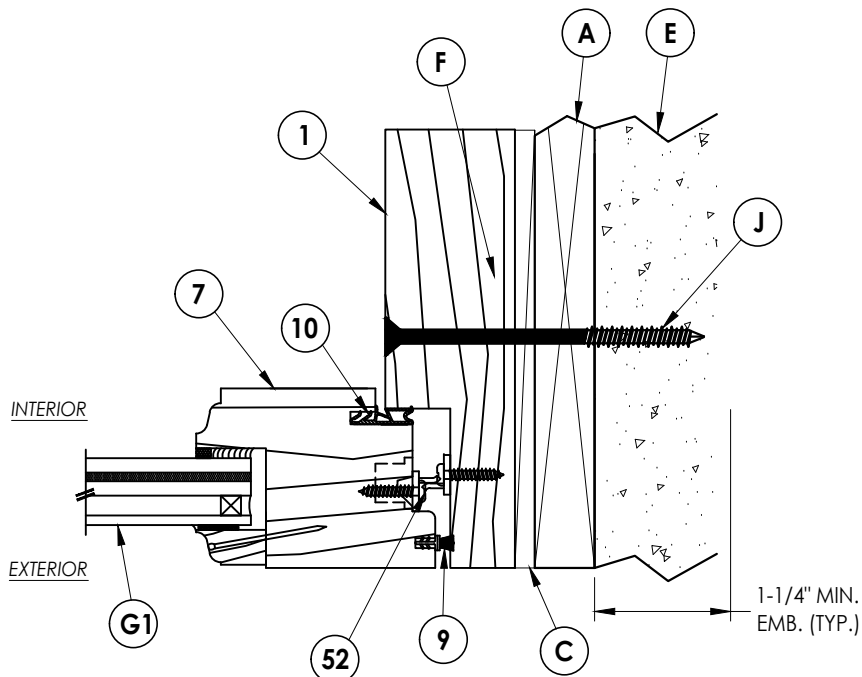
PRODUCT:	MILLWORK ARTISANS CASEMENT WINDOW
PART OR ASSEMBLY:	ELEVATION

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

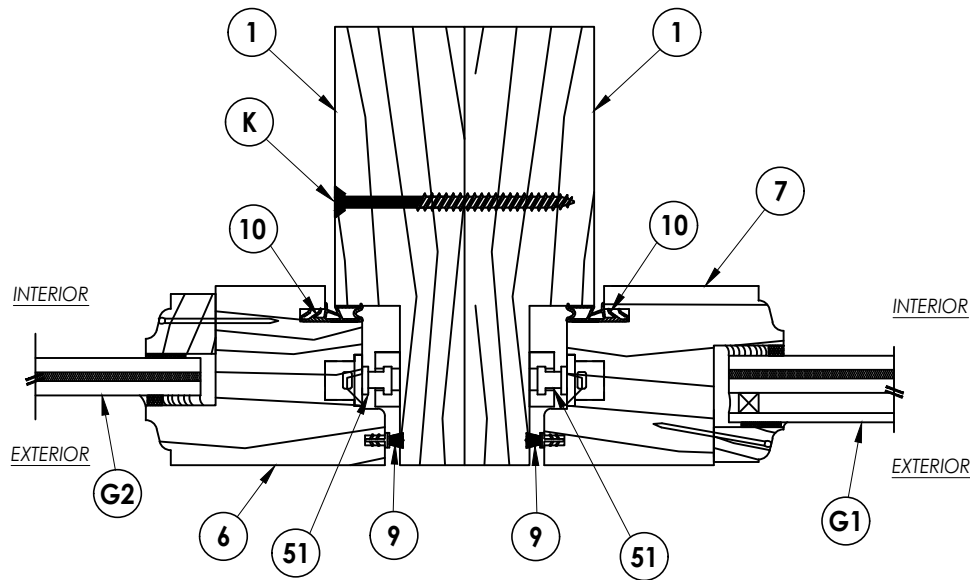
Z:\2023 FBC Drawings\Millwork Artisans, LLC\FL-17413 R4\FL-17413.1-6.dwg



1
3 **HORIZONTAL CROSS SECTION**
2X Buck Construction
Shown w/ Snubbers (Truth)



2
3 **HORIZONTAL CROSS SECTION**
1X Buck Construction
Shown w/ Snubbers (Truth)



3
3 **HORIZONTAL CROSS SECTION**
Shown w/ Multi-Point Lock (Truth)

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:
MILLWORK ARTISANS
CASEMENT WINDOW

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
4	9/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/3/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 12/4/14

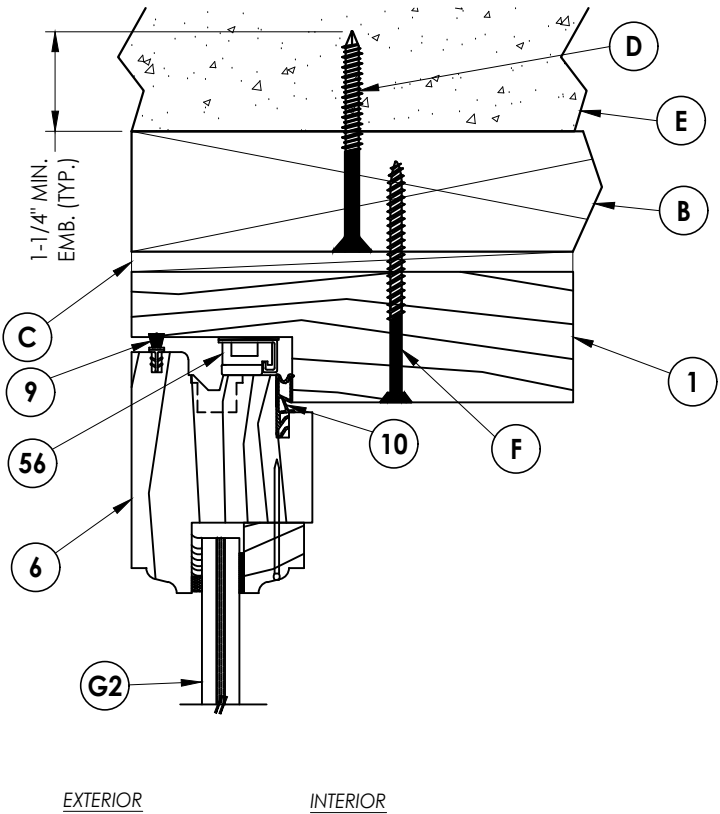
SCALE: N.T.S.

DWG. BY: JK

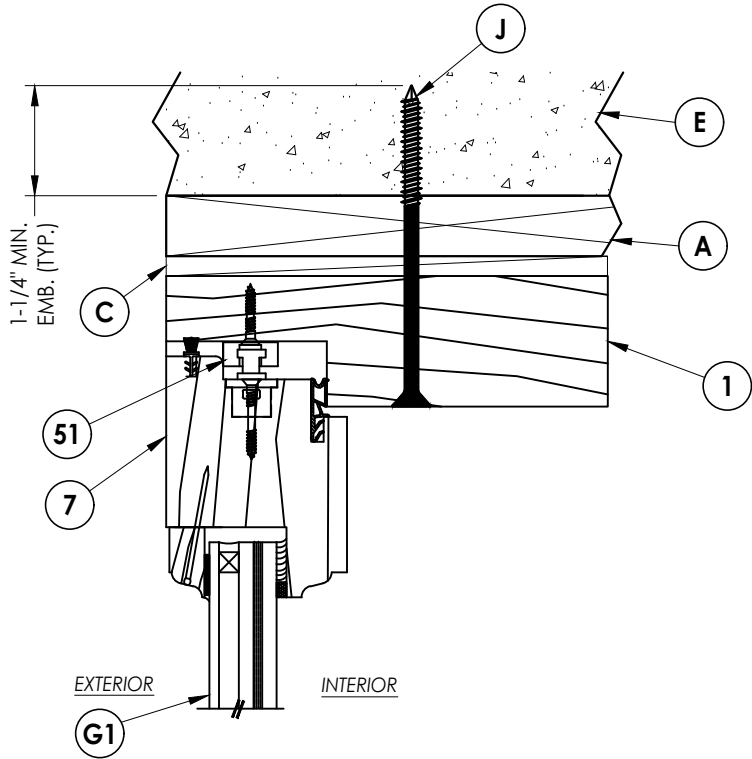
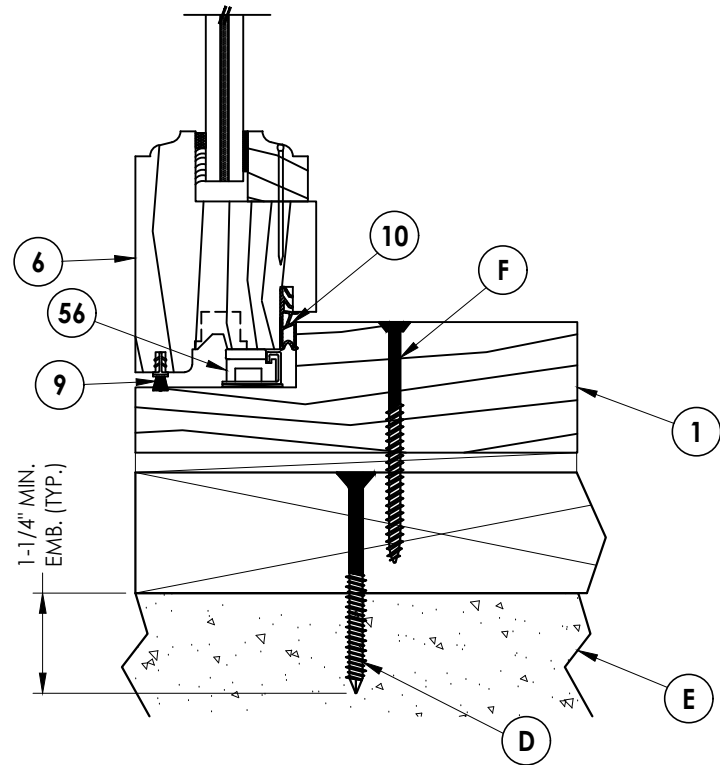
CHK. BY: LFS

DRAWING NO.:
FL-17413.6

SHEET 3 OF 7



1
4 **VERTICAL CROSS SECTION**
2X Buck Construction
Shown w/ 2-Bar Hinge (Truth)



2
4 **VERTICAL CROSS SECTION**
1X Buck Construction
Shown w/ Multi-Point Lock (Truth)

DATE: 12/4/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17413.6
SHEET 4 OF 7

NO.	DATE	REVISIONS
4	9/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/29/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/3/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC JK
		BY

PRODUCT:	MILLWORK ARTISANS CASEMENT WINDOW
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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

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



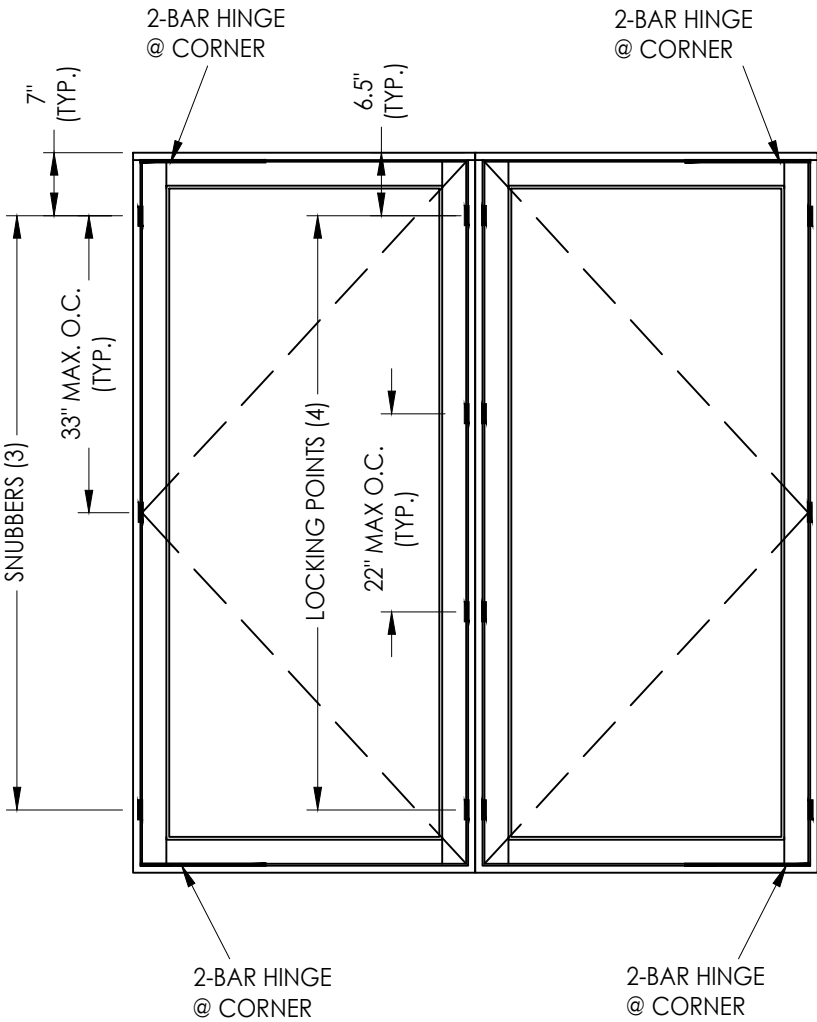
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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 BUILDDEX TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2"	4"

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

DATE:	12/4/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17413.6
SHEET	5 OF 7

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



HARDWARE

MULTI-POINT LOCK:	TRUTH MAXIM SERIES
CONCEALED HINGES:	TRUTH 2-BAR
SNUBBERS:	TRUTH

Lock Strike Requirements (Lock Stile)	
MAX. SASH HEIGHT	LOCKING POINTS
77"	4
55"	3
33"	2

Snubber Requirements (Hinge Stile)	
MAX. SASH HEIGHT	SNUBBER QUANTITY
77"	3
45"	2

DATE: 12/4/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-17413.6

SHEET 6 OF 7

PRODUCT:	MILLWORK ARTISANS CASEMENT WINDOW
	PART OR ASSEMBLY: HARDWARE DETAILS

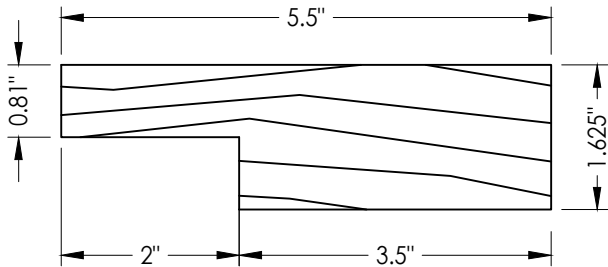
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW

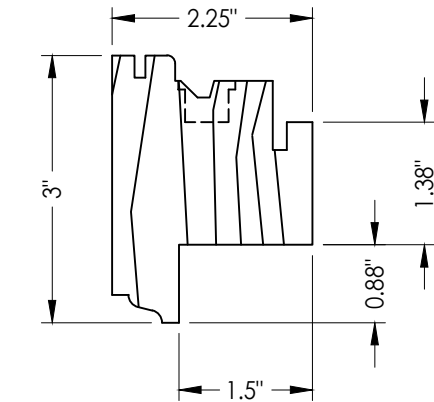
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Millwork Artisans, LLC\FL-17413 R4\FL-17413.1-6.dwg

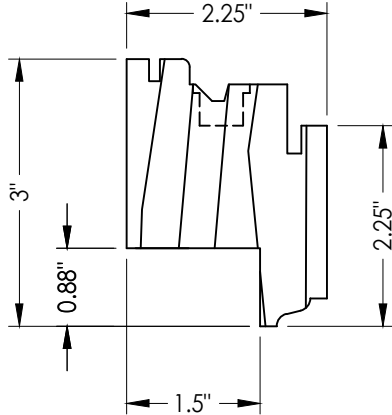
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK G >= 0.42	
B	2X BUCK G >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#12 X 3" PFH WOOD SCREW (1-3/8" MIN EMBEDMENT)	STEEL
G	#12 X 1-3/4" PFH WOOD SCREW	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 X 2-1/2" PFH WOOD SCREW	STEEL
1	AMERICAN FRAME	WOOD
6	SASH - PROJECT OUT	WOOD
7	SASH - PROJECT OUT	WOOD
8	GLAZING BEADS	WOOD
9	WEATHERSTRIP Q-LON 320 (SCHLEGEL)	WOOD
10	WEATHERSTRIP ACF 6950 (GU)	WOOD
15	#12 X 1-1/4" PFH WOOD SCREW	STEEL
51	MULTI-POINT LOCK (TRUTH MAXIM SERIES)	-
52	SNUBBERS (TRUTH)	-
56	2-BAR HINGE (TRUTH)	-



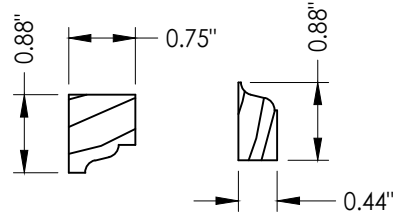
1 AMERICAN FRAME



6 SASH (PROJECT OUT)
Interior Glazing Bead

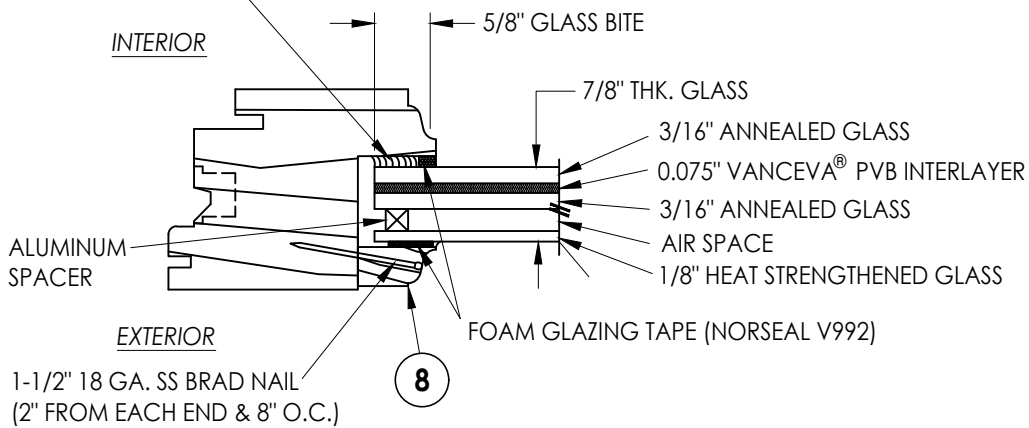


7 SASH (PROJECT OUT)
Exterior Glazing Bead

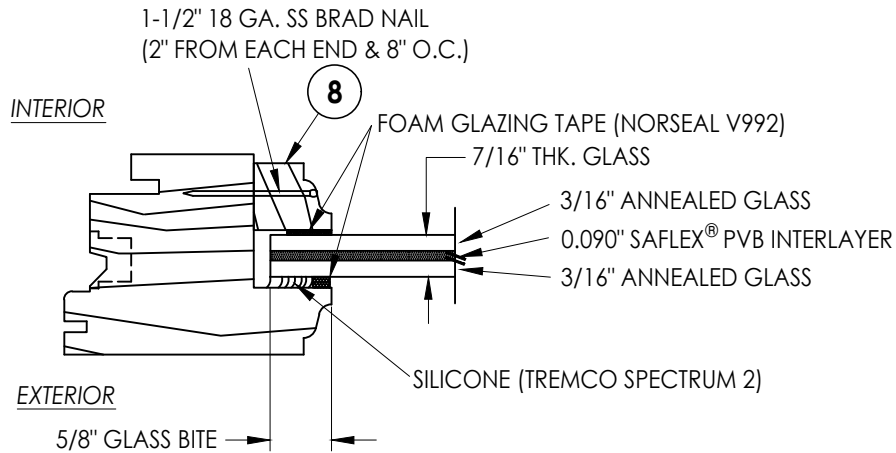


8 GLAZING BEADS

SILICONE (TREMCO SPECTRUM 2)



G1 GLAZING DETAIL



G2 GLAZING DETAIL

DATE: 12/4/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17413.6

SHEET 7 OF 7

PRODUCT: MILLWORK ARTISANS CASEMENT WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & 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