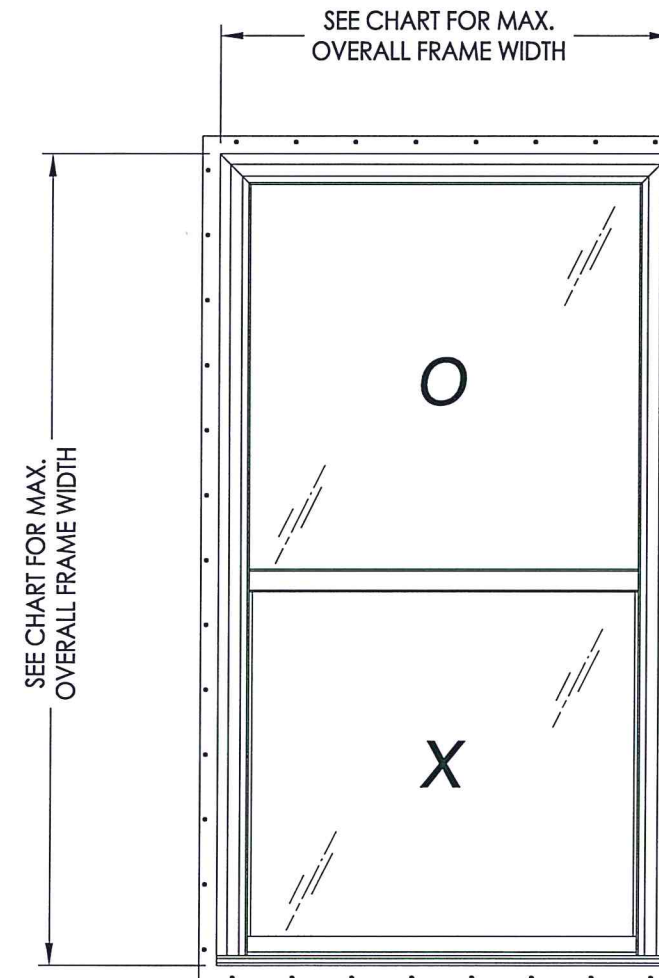


1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC), excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or 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 Section 1609.1.2 of the FBC.
4. 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	Components
5	Bill of materials & glazing details



MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
47.14" X 78.14"	44.0" X 75.0"	37.88" x 33.88"	38.63" x 33.88"	G1	+35.0	-35.0
					+50.0*	-50.0
43.14" X 66.14"	40.0" X 63.0"	33.88" x 27.88"	34.56" x 27.88"	G1	+45.0	-45.0
					+50.0*	-65.0

*SILL RISER REQUIRED
SEE SHEETS 2 & 3 FOR REINFORCEMENT REQUIREMENTS



1-1/4" MIN.
EMB. (TYP.)

A

B

C

D

E

F

G

1

2

3

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2 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

Diagram illustrating the cross-section of a window frame assembly, showing the interior and exterior views. The diagram includes labels for various components:

- J**: Points to the top of the window frame.
- C**: Points to the vertical frame member.
- 5**: Points to the weatherstripping or sealant.
- 15**: Points to the glass or glazing.
- G1**: Points to the gasket or sealant.
- 2**: Points to the exterior frame member.
- K**: Points to the screws securing the frame.

Additional labels and notes:

- INTERIOR**: Label for the interior side of the window.
- EXTERIOR**: Label for the exterior side of the window.
- Screws must be of 3 threads**: Note indicating the required thread specification for the screws.

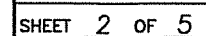
3 HORIZONTAL CROSS SECTION
2 Metal Stud Construction

4 2 HORIZONTAL CROSS SECTION 2X Stud Construction

1 **VERTICAL CROSS SECTION**
2 **2X Buck Masonry Construction**

1-1/4" MIN. EMB. (TYP.)

1 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



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FRAME

MASONRY OPENING

F (TYP.)

3" (TYP.)

3" (TYP.)

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

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

3" (TYP.)

2X STUD/STEEL FRAMING (BY OTHERS)

FRAME

2X STUD (H)

STEEL (K) (TYP.)

3" (TYP.)

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



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

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

DATE: 9/05/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
 FL-26906.6

NO.	DATE	UPDATE TO	REVISIONS
1	7/23/20	UPDATE TO 7th ED (2020) FBC	DAC
			BY

PRODUCT: SINGLE HUNG WINDOW

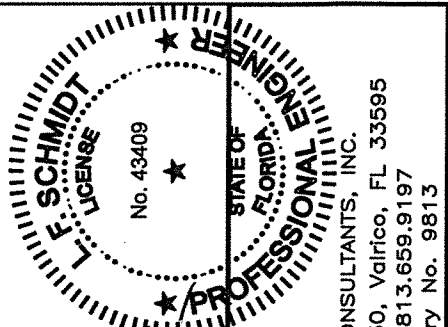
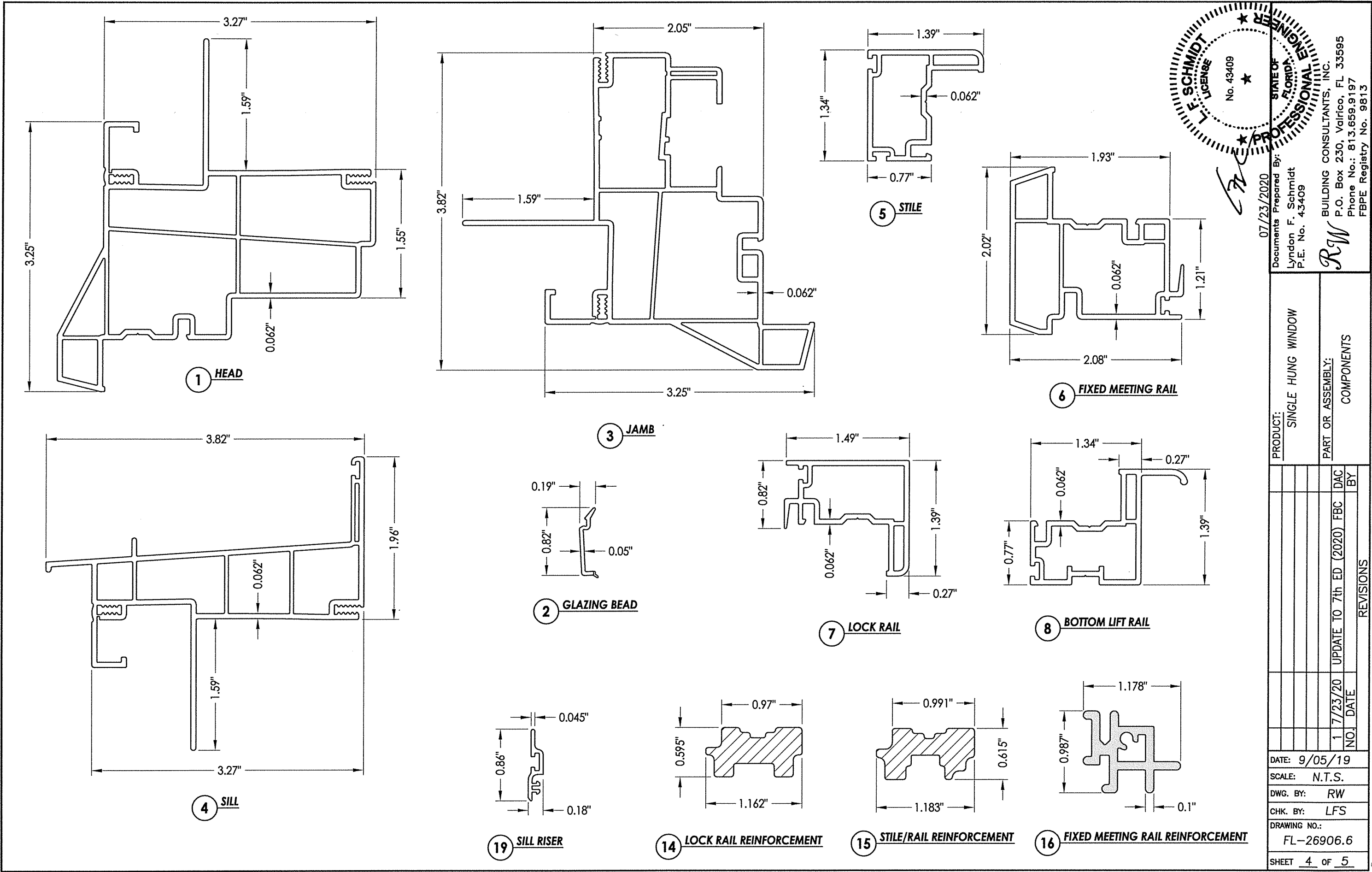
PART OR ASSEMBLY:
 BUCK & FRAME ANCHORING

07/23/2020
[Signature]

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

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"

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



07/23/2020
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	UPDATE TO	BY
1	7/23/20	UPDATE TO 7th ED (2020)	FBC
REVISIONS			
DATE: 9/05/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-26906.6			
SHEET 4 OF 5			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO 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" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
H	#8 X 1-3/4" PPH SMS (1-3/16" 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	HEAD (781)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (783)*	RIGID PVC
4	SILL (782)*	RIGID PVC
5	STILE (708)*	RIGID PVC
6	FIXED MEETING RAIL (777)*	RIGID PVC
7	LOCK RAIL (706)*	RIGID PVC
8	BOTTOM LIFT RAIL (705)*	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
14	LOCK RAIL REINFORCEMENT (948)	COMPOSITE
15	STILE/RAIL REINFORCEMENT (952)	COMPOSITE
16	FIXED MEETING RAIL REINFORCEMENT (739)	ALUM
19	SILL RISER (719)*	RIGID PVC
24	BULB GASKET (AMESBURY)	FOAM

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

