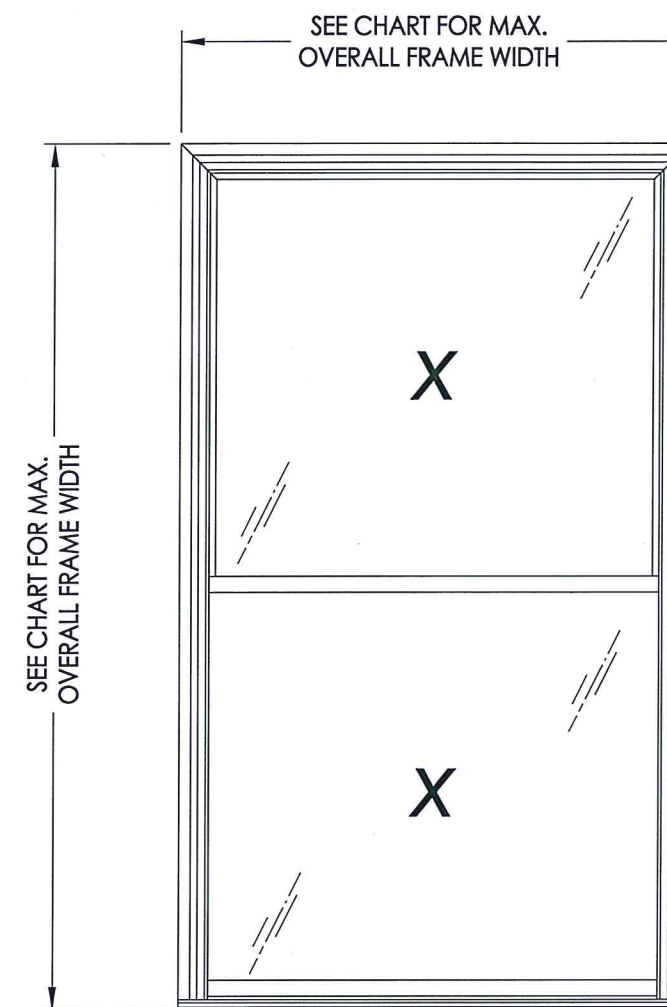


TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical cross sections
3	Horizontal cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF) w/out SILL RISER		DESIGN PRESSURE (PSF) w/ SILL RISER	
			POS.	NEG.	POS.	NEG.
52.75" X 82.75"	46.9" X 38.6"	G1	+25.0	-35.0	+30.0	-35.0
48.0" X 78.0"	42.2" X 36.2"	G2	+25.0	-40.0	+30.0	-40.0
40.0" X 71.0"	34.2" X 32.7"	G2	+25.0	-50.0	+45.0	-50.0

[Signature]

July 28, 2020

Documents Prepared By:
Don F. Schmidt
No. 43409

**F. SCHMIDT
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER**

No. 43409

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

JULY 20, 2020
 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: SUNRISE WINDOWS, LTD.
DOUBLE HUNG WINDOW

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

3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS
2	2/10/20	REVISE DESIGN PRESSURE TABLE		LFS
1	10/11/19	REVISE DESIGN PRESSURE TABLE		LFS
NO.	DATE	BY		
REVISIONS				

DATE: 8/14/19

SCALE: *N.T.S.*

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:
FL-26910.10

SHEET 1 OF 6

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

SEE NOTE 1

14 2

INTERIOR

3 14

SEE NOTE 1

G1 G2

EXTERIOR

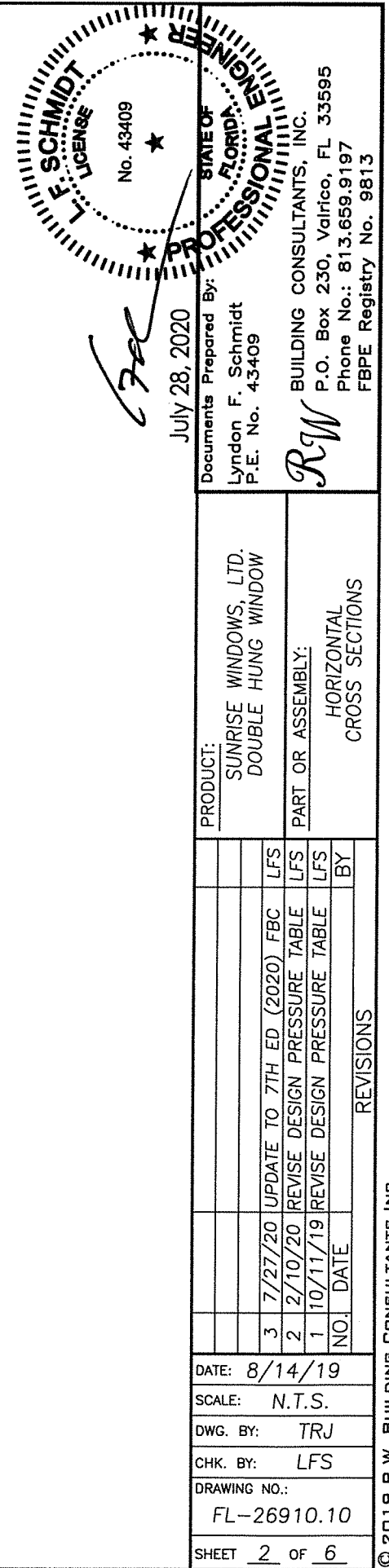
3 **HORIZONTAL CROSS SECTION**
2 Metal Stud Construction

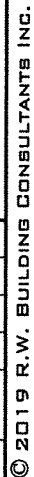
SEE NOTE 1

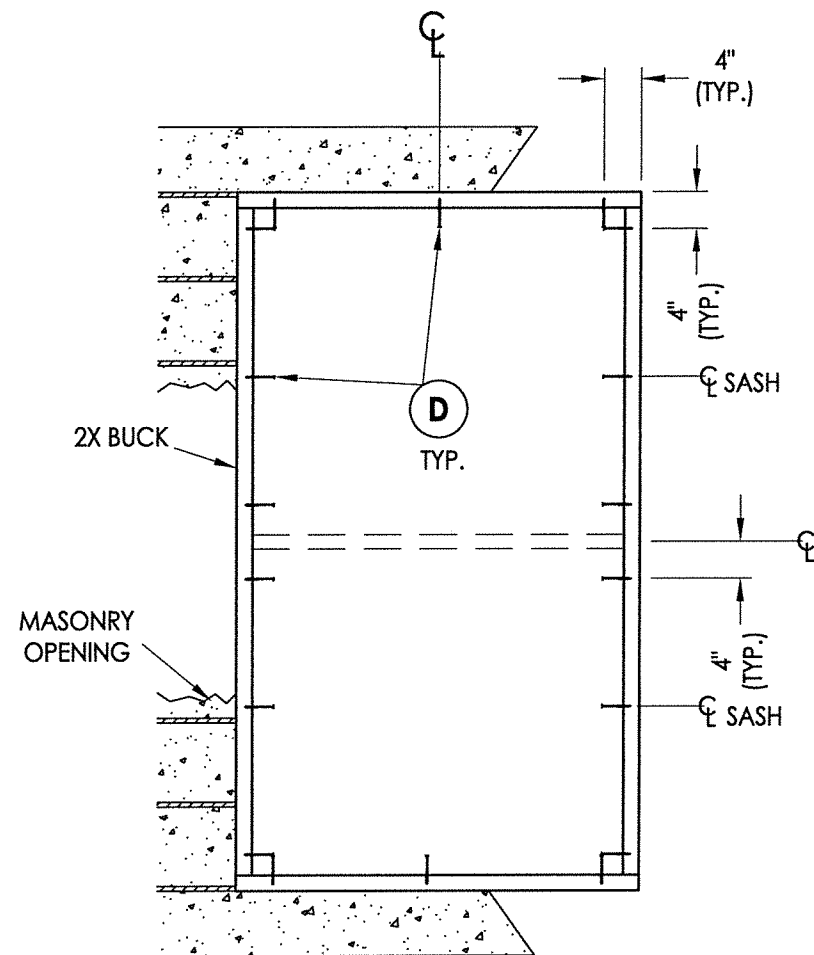
SEE NOTE 1

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

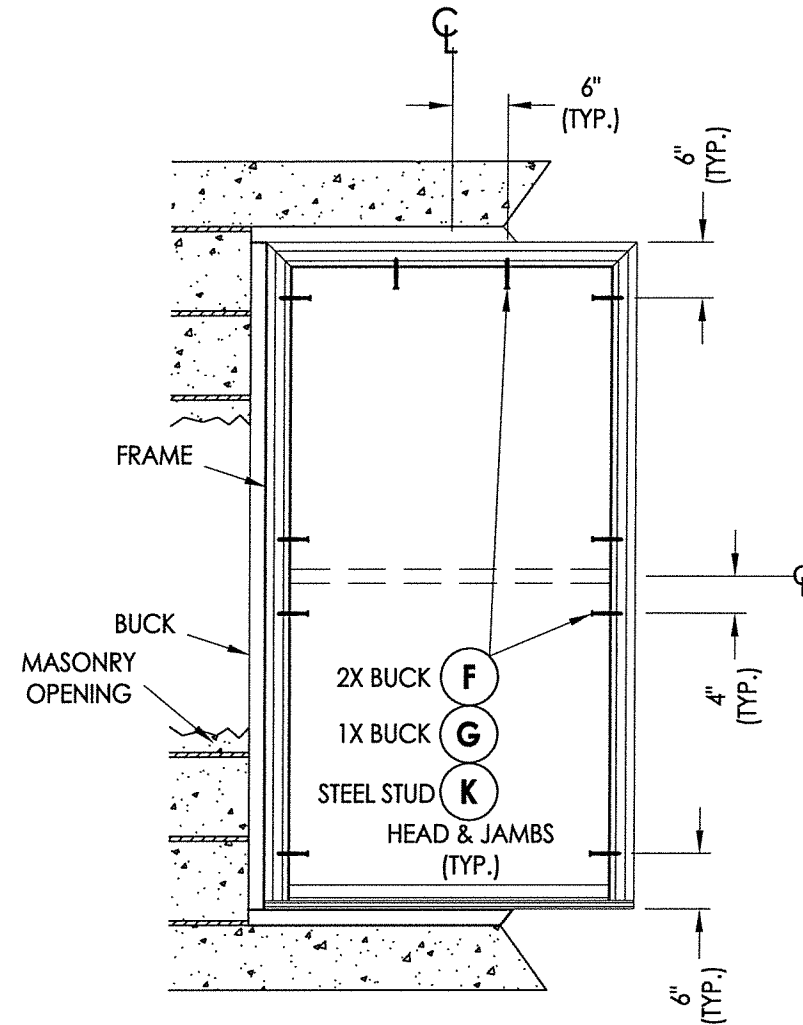
2
2 **HORIZONTAL CROSS SECTION**
1X Buck Masonry Construction







BUCK ANCHORING



FRAME ANCHORING

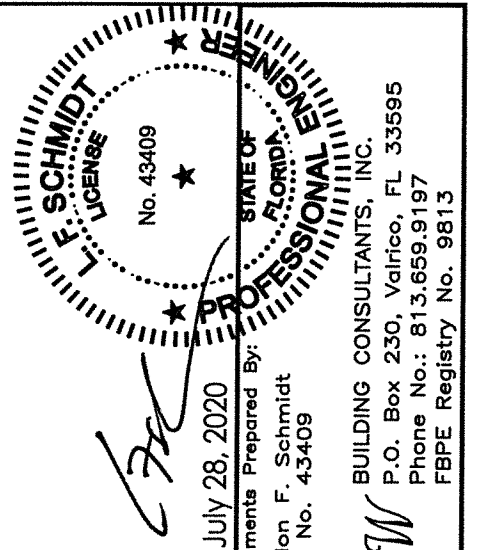
CONCRETE ANCHOR NOTES:

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"
ELCO 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.



July 28, 2020

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FBPE Registry No. 9813

PRODUCT: SUNRISE WINDOWS, LTD.
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:

[illegible]

DATE: 8/14/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

FL-26910.10

SHEET 4 OF 6

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" 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 2" MODIFIED TRUSS HEAD (7/16"Ø HEAD) SMS (1-1/2" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-3/4" HWH ELCO OR ITW CONCRETE SCREW	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 MODIFIED TRUSS HEAD 7/16"Ø HEAD) SELF-DRILLING SMS	STEEL
1	HEAD (2750)*	RIGID PVC
2	GLAZING BEADS *	RIGID PVC
3	JAMB (2749)*	RIGID PVC
4	SILL (2751)*	RIGID PVC
5	STILE/RAIL (2757)*	RIGID PVC
6	KEEPER RAIL (2759)*	RIGID PVC
7	LOCK RAIL (3198)*	RIGID PVC
10	WEATHERSTRIP	-
11	SASH LOCK (ASHLAND #D1000AR-01)	-
12	KEEPER (ASHLAND #14209-999-01)	-
14	REINFORCEMENT (3301)	FIBERGLASS
19	SILL RISER*	RIGID PVC
24	BULB GASKET	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".

