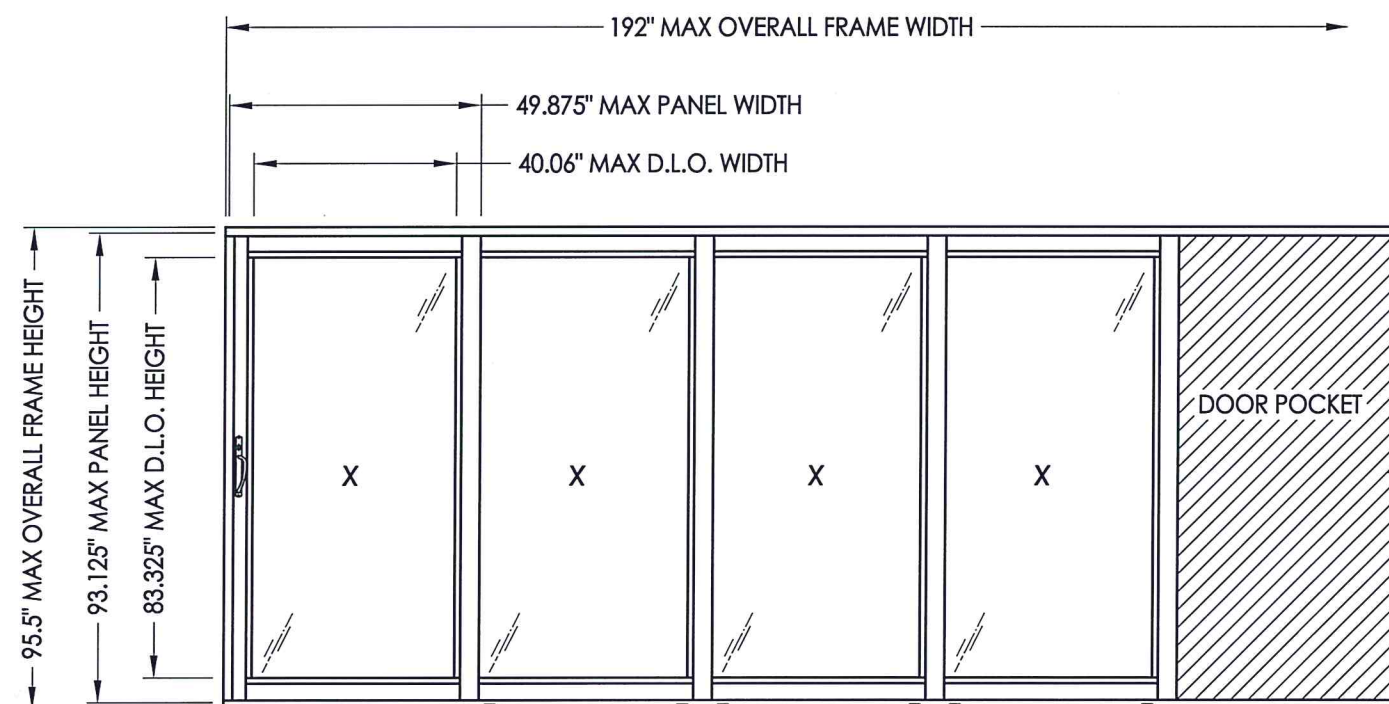




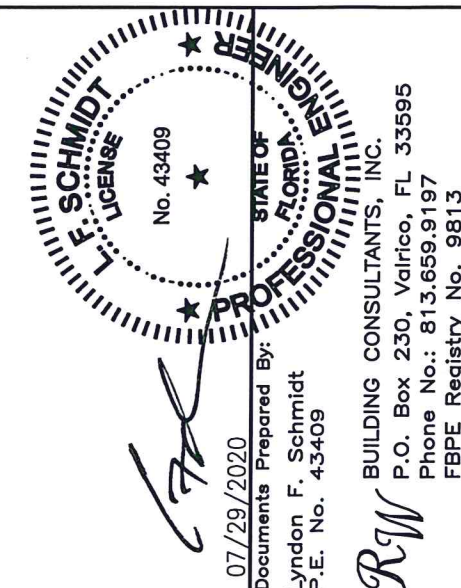
GENERAL NOTES

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	Elevation
3	Horizontal cross sections
4	Vertical cross sections
5	Buck anchoring
6	Frame anchoring
7	Components
8	Bill of materials and glazing detail



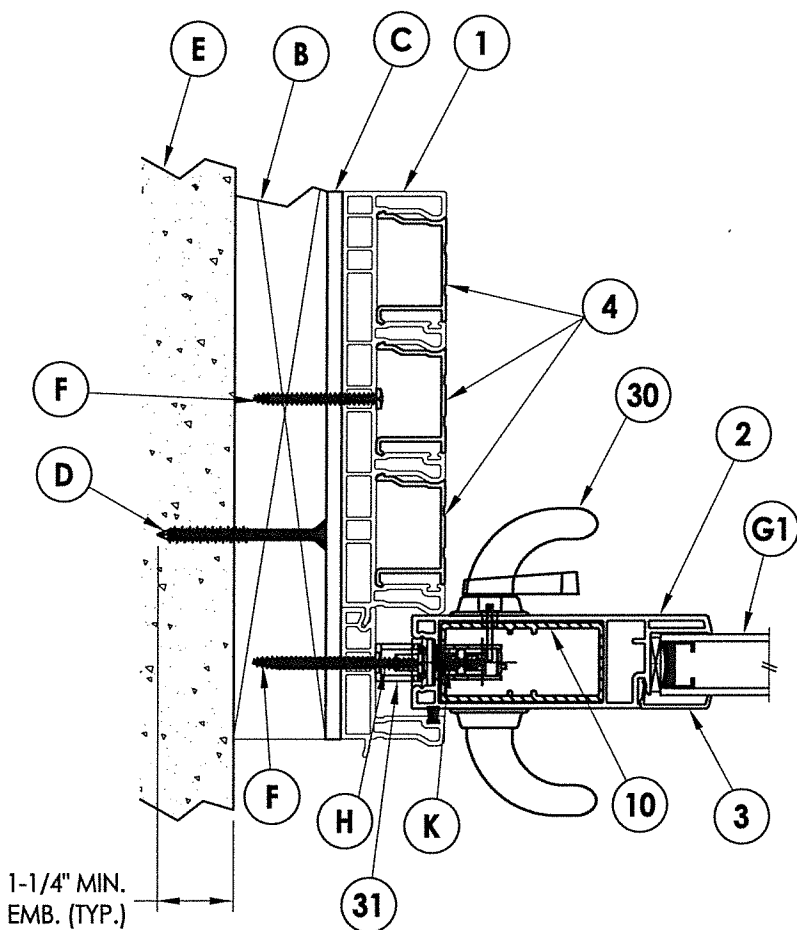
MAX FRAME DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
192.0" X 95.5"	40.06" X 83.325"	G1	+30.0	-40.0



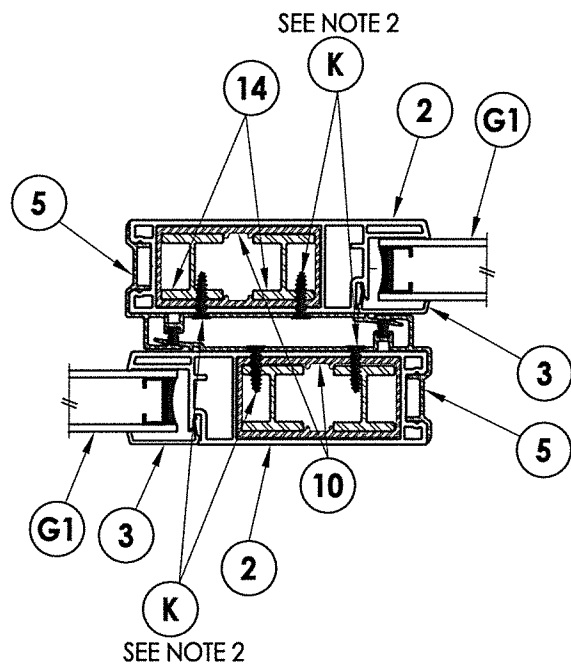
DATE: 4/17/18		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
CHK. BY: LFS			
DRAWING NO.: FL-15449.13			
SHEET 1 OF 8			

[illegible]

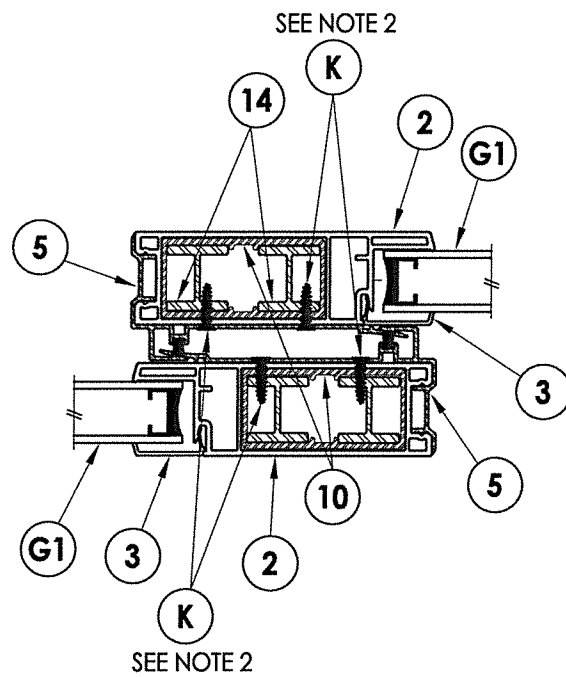
\\dc01\rbw\c\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.13.dwg



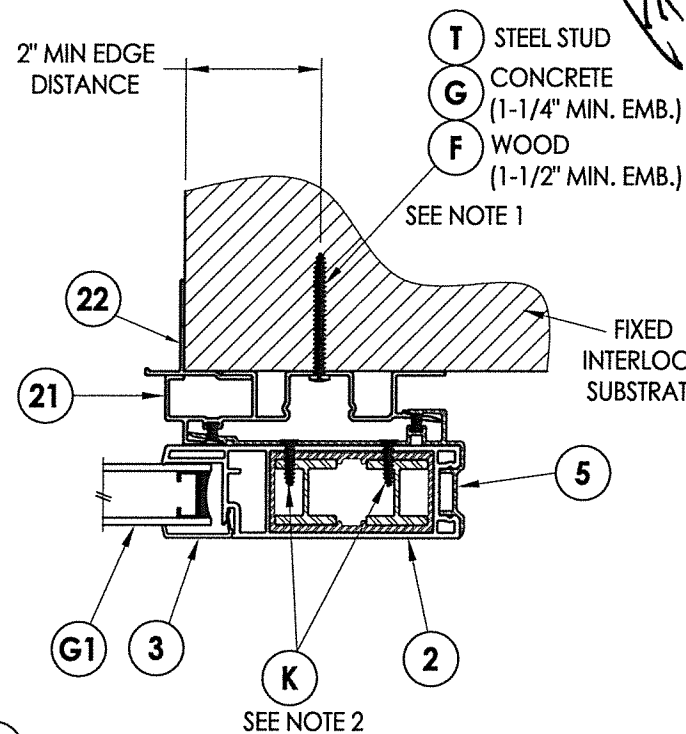
1 HORIZONTAL CROSS SECTION
3 2X Buck Construction



2 HORIZONTAL CROSS SECTION
3

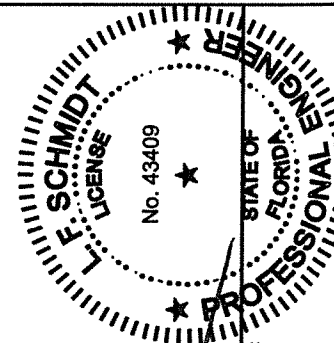


3 HORIZONTAL CROSS SECTION
3



4 HORIZONTAL CROSS SECTION
3

- NOTES:
- Item #F located 3" from each end then 14.5" on center (7 total).
 - Item #K located 3" from each end then 14.5" on center (14 total).



07/29/2020
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:		New South	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
DATE		NO.	
7/29/20		2	
UPDATE TO 7th ED. (2020)		FBC	
NO.		1	
DATE		6/19/19	
WEED HOLES LOCATIONS ADDED		LFS	
BY		JK	
DATE		4/17/18	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15449.13	
SHEET		3 OF 8	

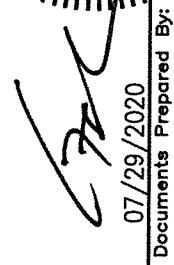
The diagram illustrates the vertical cross-section of a 1X Buck Construction. It shows a concrete slab with a minimum embedment depth of 1-1/4 inches. The slab is reinforced with vertical bars (labeled M) and horizontal bars (labeled N). The reinforcement is shown in a cross-section view, with the vertical bars extending through the slab and the horizontal bars providing lateral support. The diagram is labeled with various callouts: E (top left corner), A (top left edge), C (top left edge), 1 (top left edge), 2 (top left edge), 4 (top left edge), M (top left edge), N (top left edge), 15 (top right edge), and 1-1/4" MIN. EMB. (TYP.) (top right edge).

3 VERTICAL CROSS SECTION

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

The diagram shows a vertical cross-section of the window assembly. Key components labeled include:

- 3**: Top sash or frame component.
- 10**: Upper insulating or structural layer.
- 9**: Middle insulating or structural layer.
- 7**: Lower insulating or structural layer.
- K**: Internal hinge or pivot mechanism.
- 25**: Spring or tensioning mechanism.
- 12**: Lower hinge or pivot mechanism.
- 1**: Main frame or support structure.
- C**: Mounting bracket or plate.
- E**: Mounting screw or bolt.
- J**: Mounting screw or bolt.
- G1**: Glass or glazing unit.



07/29/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

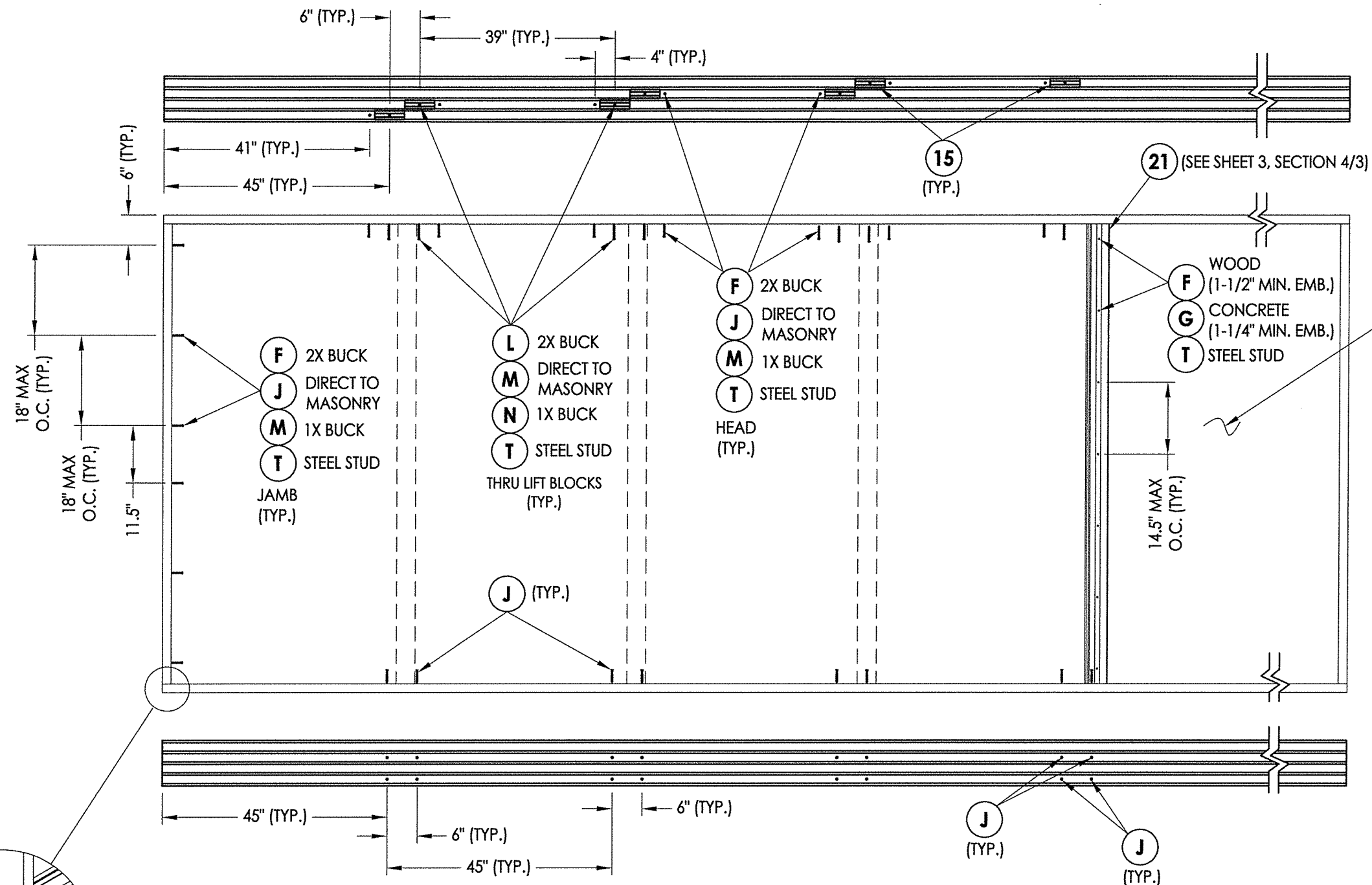


RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 4/17/18		PRODUCT: NewSouth	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15449.13			
SHEET 4 OF 8		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	

[illegible]

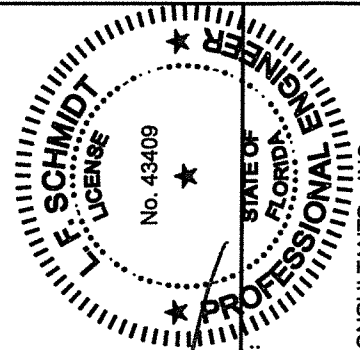
CORNER DETAIL



FRAME ANCHORING

SLIDING GLASS POCKET DOOR

NOTE: POCKET DOOR AREA
BY OTHERS



07/29/2020

01/29/2020
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: NewSouth

ASSEMBLY:
FRAME ANCHORING

2	7/29/20	UPDATE TO 7th ED. (2020)	FBC	DAC
1	6/19/19	WEEP HOLES LOCATIONS ADDED	LFS	BY
NO.	DATE			

[illegible]

DATE: 4/17/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15449.13

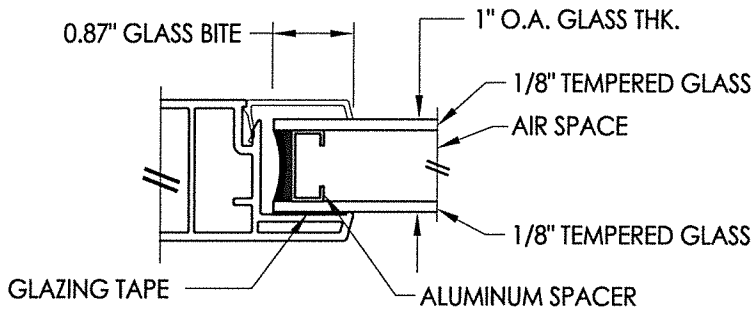
SHEET 6 OF 8

© 2018 R.W. BUILDING CONSULTANTS INC.

\\dc01\rbw\c\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.13.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (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	#10 X 2" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
H	#10 X 2-1/2" PPH SMS	STEEL
J	1/4" X 2-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	#8 X 1/2" FH SMS	STEEL
L	#10 X 3" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
M	1/4" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
T	#10-16 PH SELF-DRILLING SMS (3 Threads Min. Thru Stud)	STEEL
X	STEEL STUD Min. Thk 0.054" (ASTM A653 GRADE 50 Fy=50 ksi min., Fu=65 ksi min.)	STEEL
1	FRAME *	PVC
2	SASH STILE *	PVC
3	GLAZING BEAD *	PVC
4	FRAME CAP *	PVC
5	INTERLOCK (6063-T5 ALUM)	ALUM
6	SILL CAP (6063-T5 ALUM)	ALUM
7	SASH TOP AND BOTTOM RAIL *	PVC
9	ROLLER SUPPORT (6063-T5 ALUM)	ALUM
10	REINFORCEMENT (6063-T5 ALUM)	ALUM
12	SILL ROLLER TRACK (6063-T5 ALUM)	ALUM
14	REINFORCEMENT (6063-T5 ALUM)	ALUM
15	ANTI-LIFT-OUT BLOCKS (6063-T5)	ALUM
21	FIXED INTERLOCK (6063-T5 ALUM)	ALUM
22	FIXED INTERLOCK STOP (6063-T5 ALUM)	ALUM
25	ROLLER ASSM.	STEEL
27	CORNER KEY*	PVC
28	#8 X 1/2" PPH SMS	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-

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



G1 GLAZING DETAIL

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"
ELCO 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.

		07/29/2020 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	
PRODUCT: NewSouth		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAIL			
		DATE: 4/17/18		SCALE: N.T.S.	
		DWG. BY: JK		CHK. BY: LFS	
		DRAWING NO.: FL-15449.13		SHEET 8 OF 8	
		NO. DATE		REVISIONS	
		2 7/29/20 UPDATE TO 7th ED. (2020) FBC		DAC	
		1 6/19/19 WEEP HOLES LOCATIONS ADDED		LFS	
				BY	