

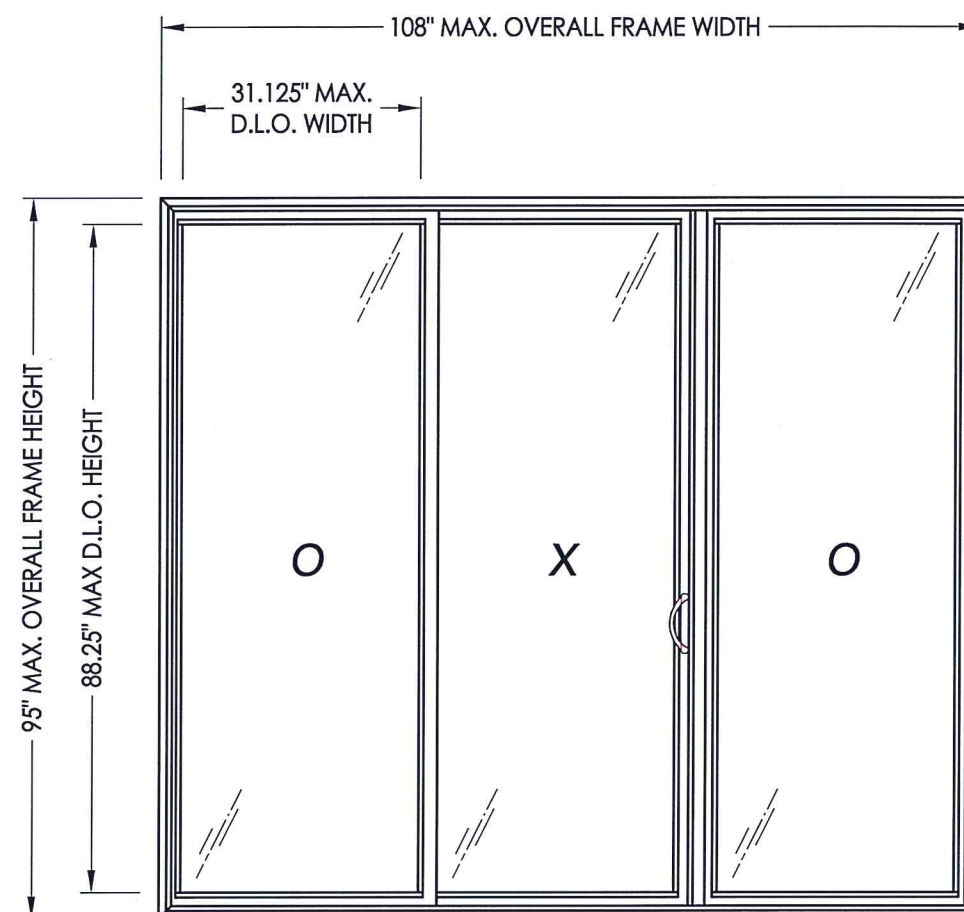


5000 Series Model 5300 Sliding Patio Door "NON-IMPACT"

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.

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MAX FRAME DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
108.0" X 95.0"	31.125" X 88.25"	G1	+35.0	-40.0



07/29/2020

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

PRODUCT:	
	NewSouth

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
3	7/29/20	UPDATE TO 7th ED. (2020) FBC
2	1/22/18	ADD STEEL STUD ANCHORING
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 10/20/16

SCALE: N.T.S.

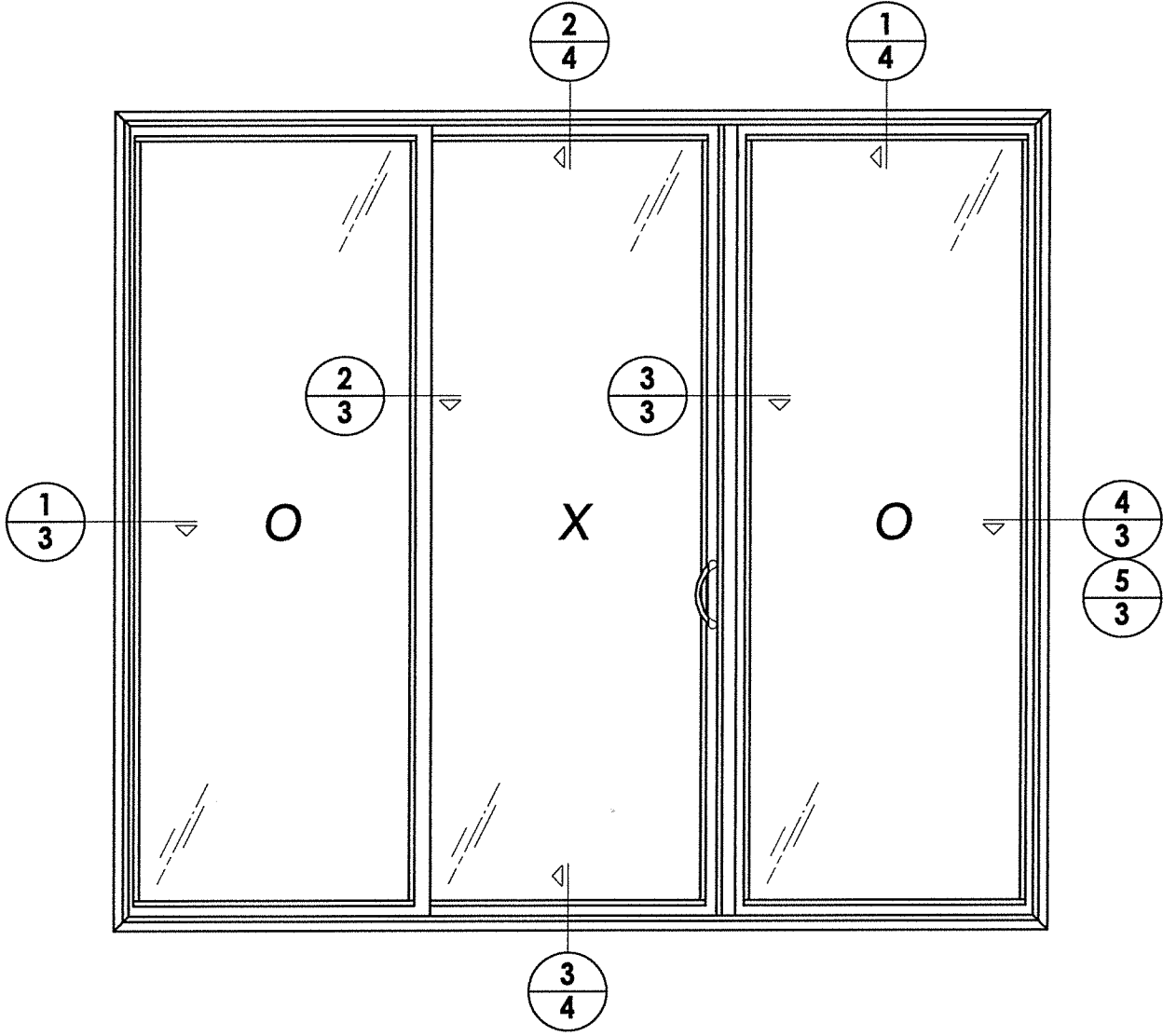
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15449.9

SHEET 1 OF 7

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



DATE: 10/20/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15449.9
SHEET 2 OF 7

REVISIONS			
NO.	DATE		
3	7/29/20	UPDATE TO 7th ED. (2020) FBC	DAC
2	1/22/18	ADD STEEL STUD ANCHORING	JK
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC	JK
			BY

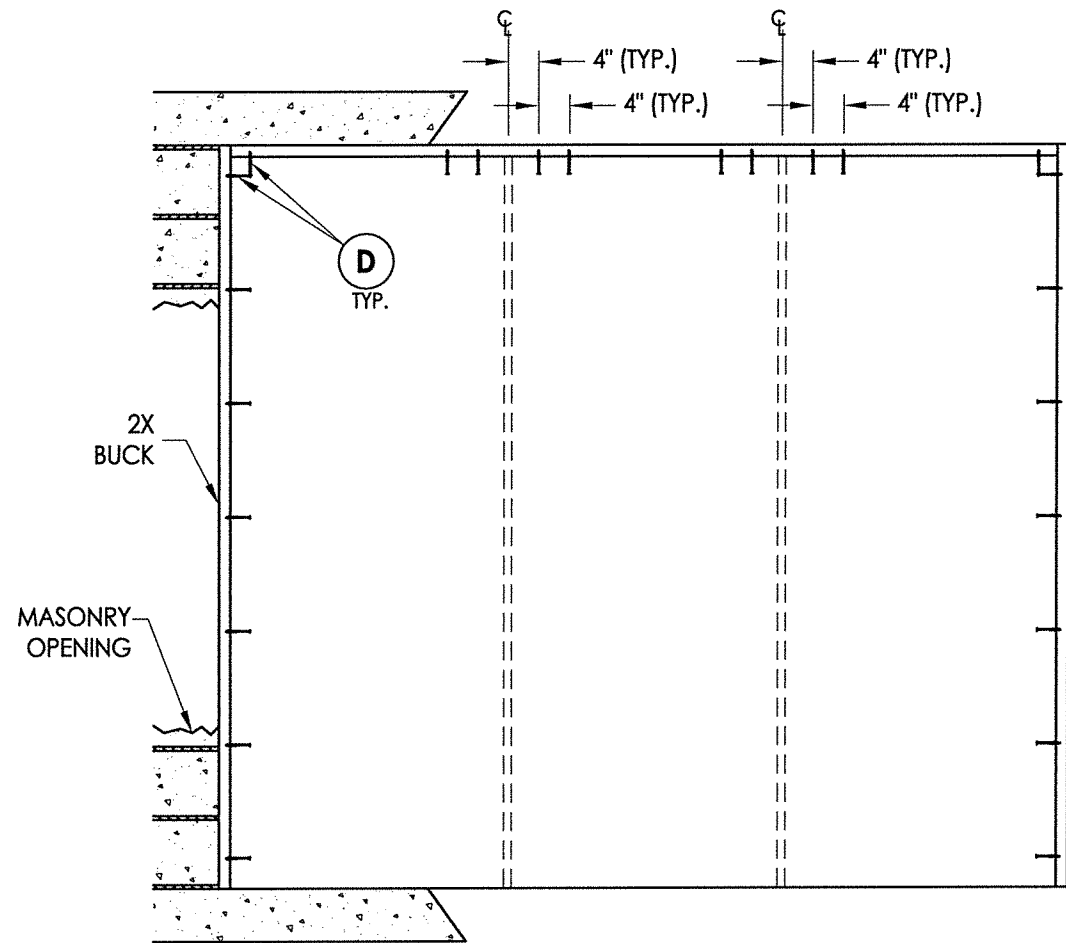
PRODUCT: NewSouth
PART OR ASSEMBLY: ELEVATION

07/29/2020

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P.E. No. 43409

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\\dc01\rbwc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.9.dwg



2X BUCK ANCHORING

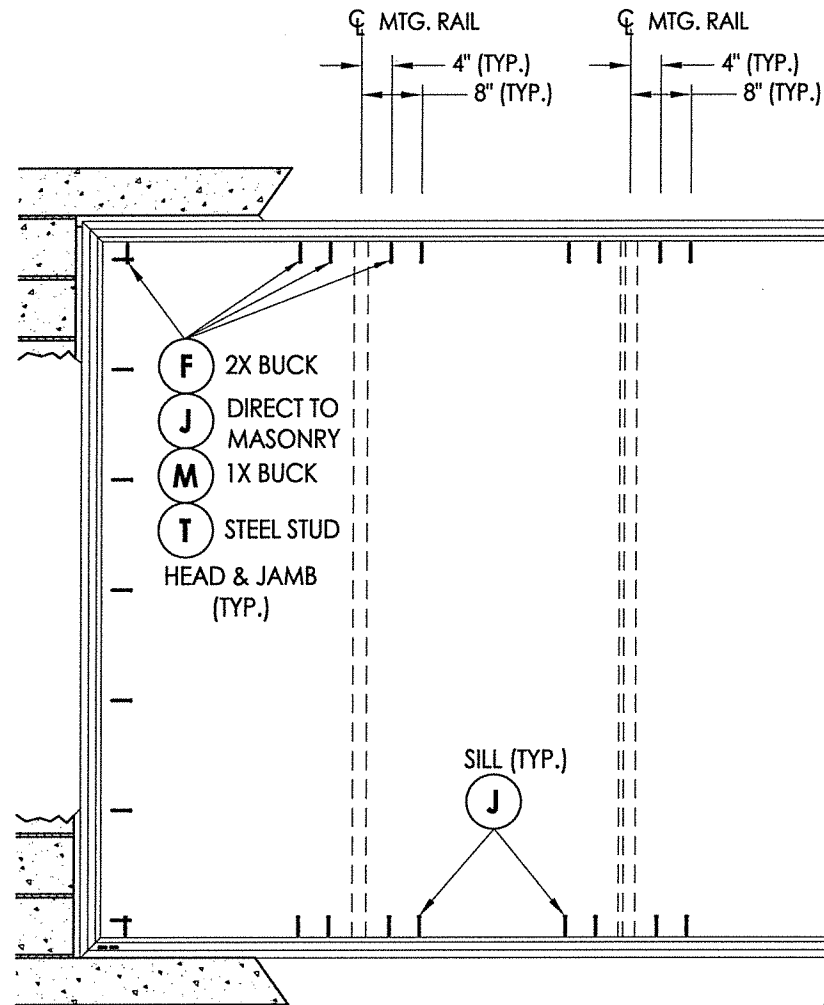
CONCRETE ANCHOR NOTES:

- 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:

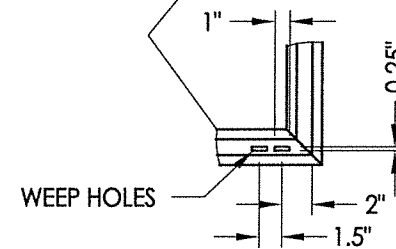
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

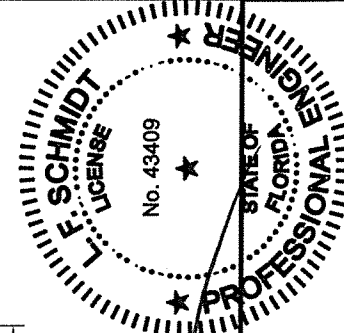
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



FRAME ANCHORING



MULLION



07/29/2020

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

PRODUCT: NewSouth

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
3	7/29/20	UPDATE TO 7th ED. (2020) FBC
2	1/22/18	ADD STEEL STUD ANCHORING
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 10/20/16

SCALE: N.T.S.

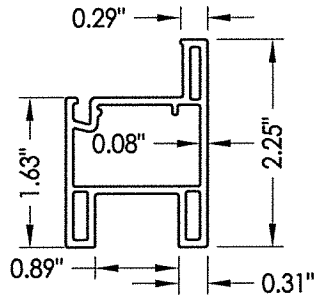
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CHK. BY: LFS

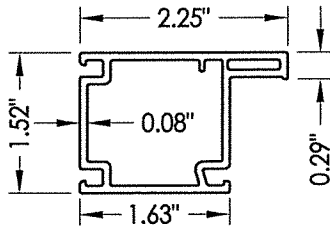
DRAWING NO.: FL-15449.9

SHEET 5 OF 7

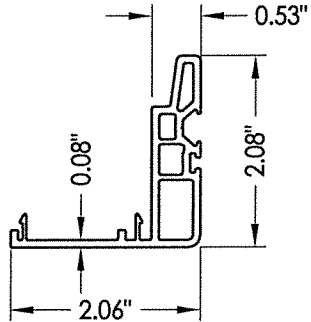
\\dc01\rbwc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.9.dwg



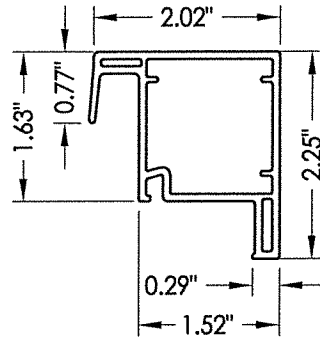
7 TOP AND BOTTOM RAIL
R1553



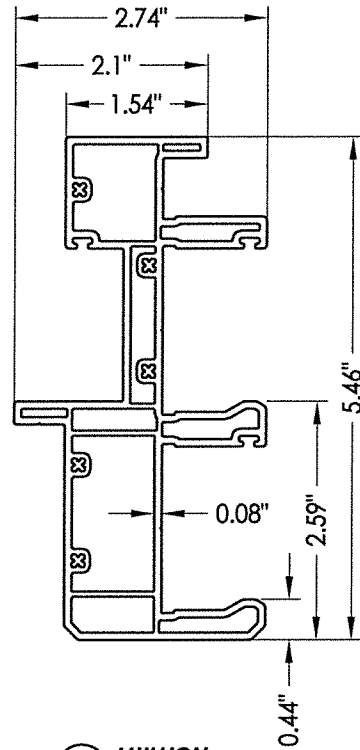
9 STILE
R1552



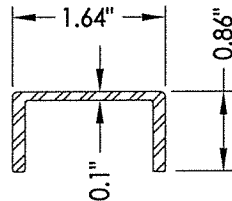
5 SNAP-ON INTERLOCK
R1556



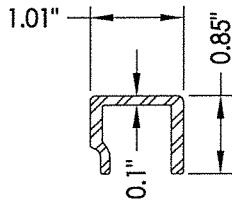
10 MEETING RAIL
R1554



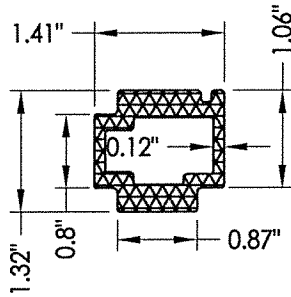
21 MULLION
356-A61



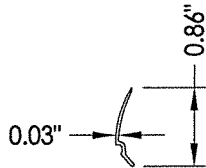
22 REINFORCEMENT
356-A61-A



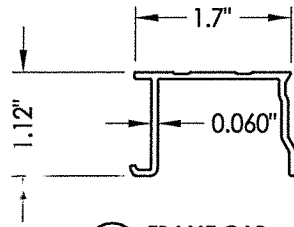
23 REINFORCEMENT
356-A61-B



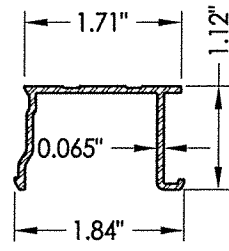
39 REINFORCEMENT
356-A1552



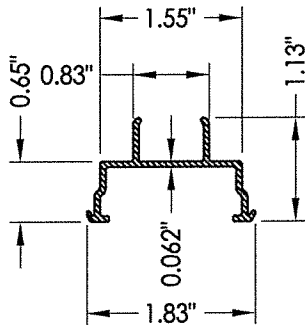
3 GLAZING BEAD
R1994



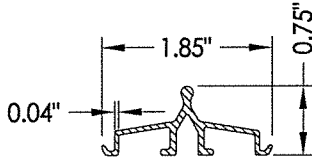
4 FRAME CAP
8571-356-D58



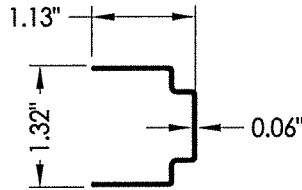
6 SILL CAP
356-A51-52-COV



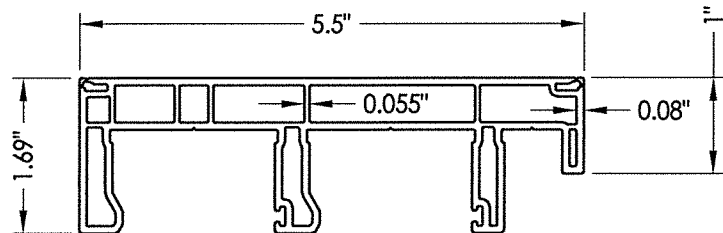
11 FIXED TRACK
356-A65



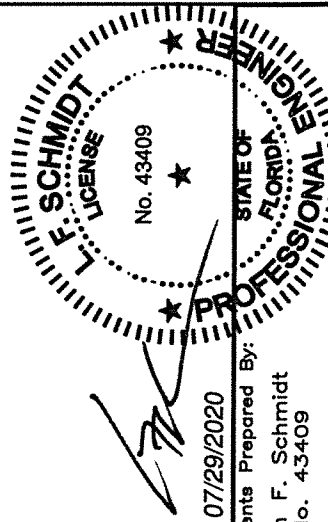
12 ROLLER TRACK
356-A51-52-TRK



18 LOCK STILE STIFFENER
356-S1552-LR



1 FRAME
8572-356-D60



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

PRODUCT:		PART OR ASSEMBLY:		COMPONENTS	
NewSouth		JK		BY	
DATE		NO.		REVISIONS	
10/20/16		3		7/29/20	
SCALE: N.T.S.		2		1/22/18	
DWG. BY: JK		1		10/05/17	
CHK. BY: LFS		1		10/05/17	
DRAWING NO.: FL-15449.9		1		10/05/17	
SHEET 6 OF 7		1		10/05/17	

5/8" GLASS BITE

3/4" O.A. GLASS THK.

1/8" TEMPERED GLASS

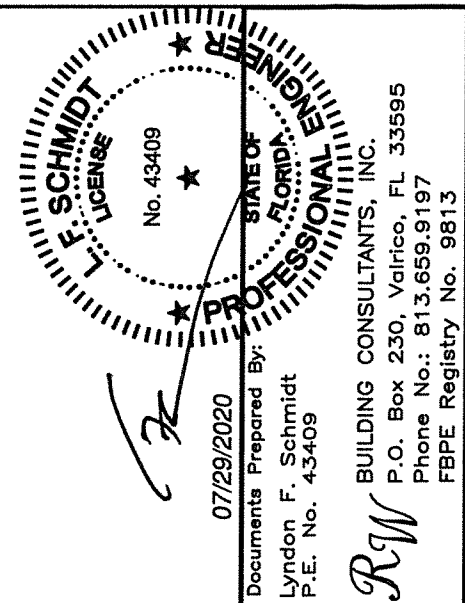
AIR SPACE

1/8" TEMPERED GLASS

ALUM. SPACER

1/2" GLAZING TAPE

G1 GLAZING DETAIL



DATE: 10/20/16		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAIL	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15449.9			
SHEET 7 OF 7			
NO.	DATE	REVISIONS	BY
3	7/29/20	UPDATE TO 7th ED. (2020) FBC	DAC
2	1/22/18	ADD STEEL STUD ANCHORING	JK
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC	JK