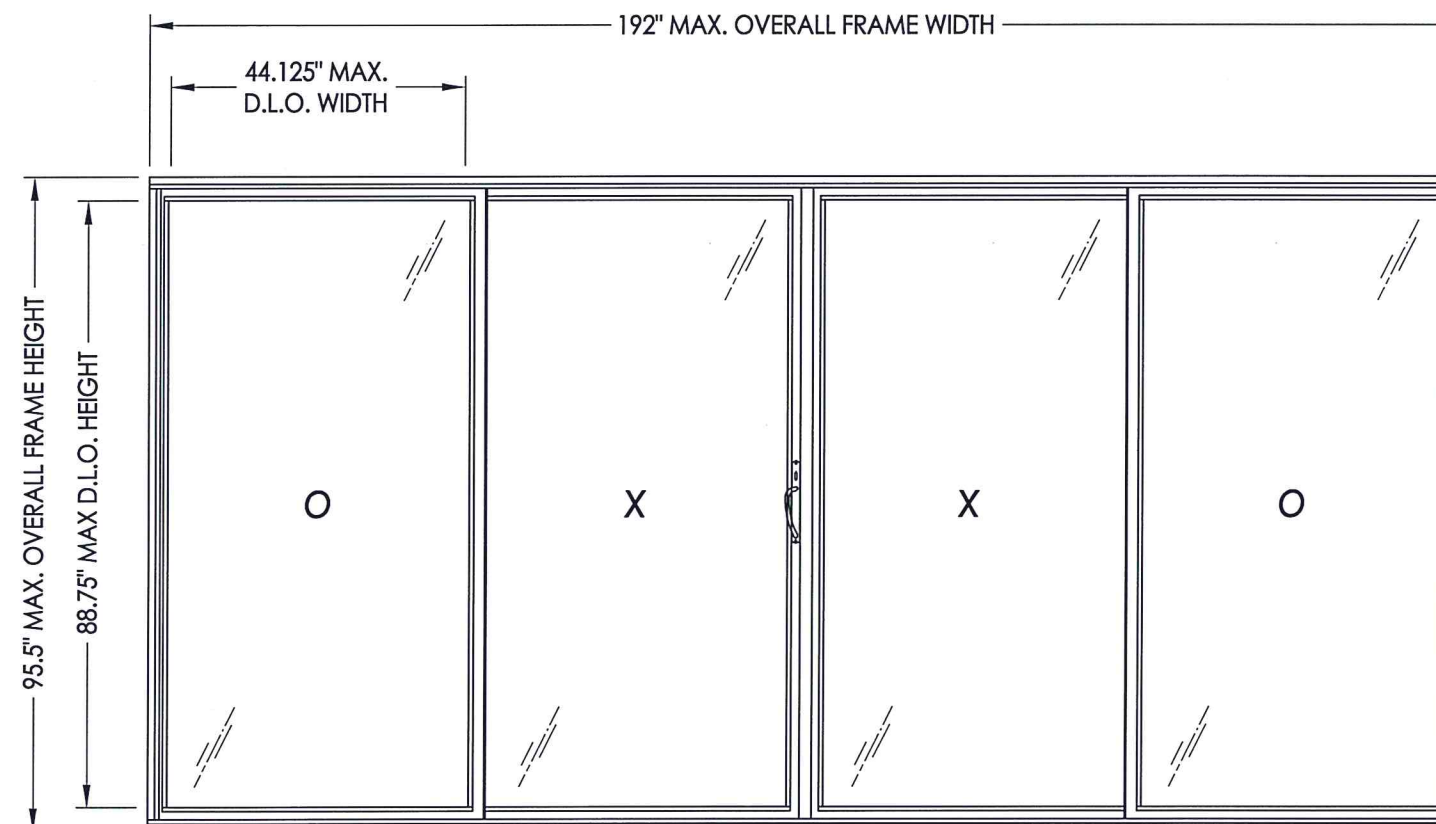




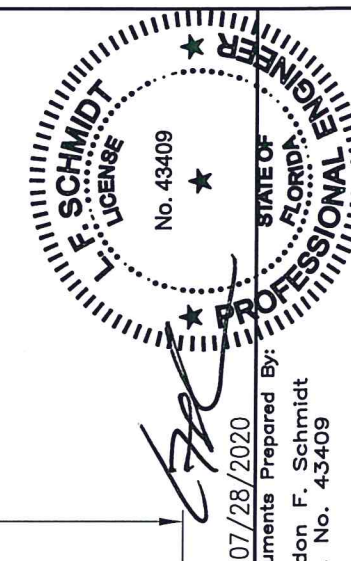
GENERAL NOTES

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"	44.125" X 88.75"	G1	+35.0	-40.0



07/28/2020
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Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: _____

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

NO.	DATE	7/28/20	UPDATE TO 7th ED. (2020)	FBC BY
1			DAC	

DATE: 06/08/18

SCALE: *N.T.S.*

DWG. BY: JK

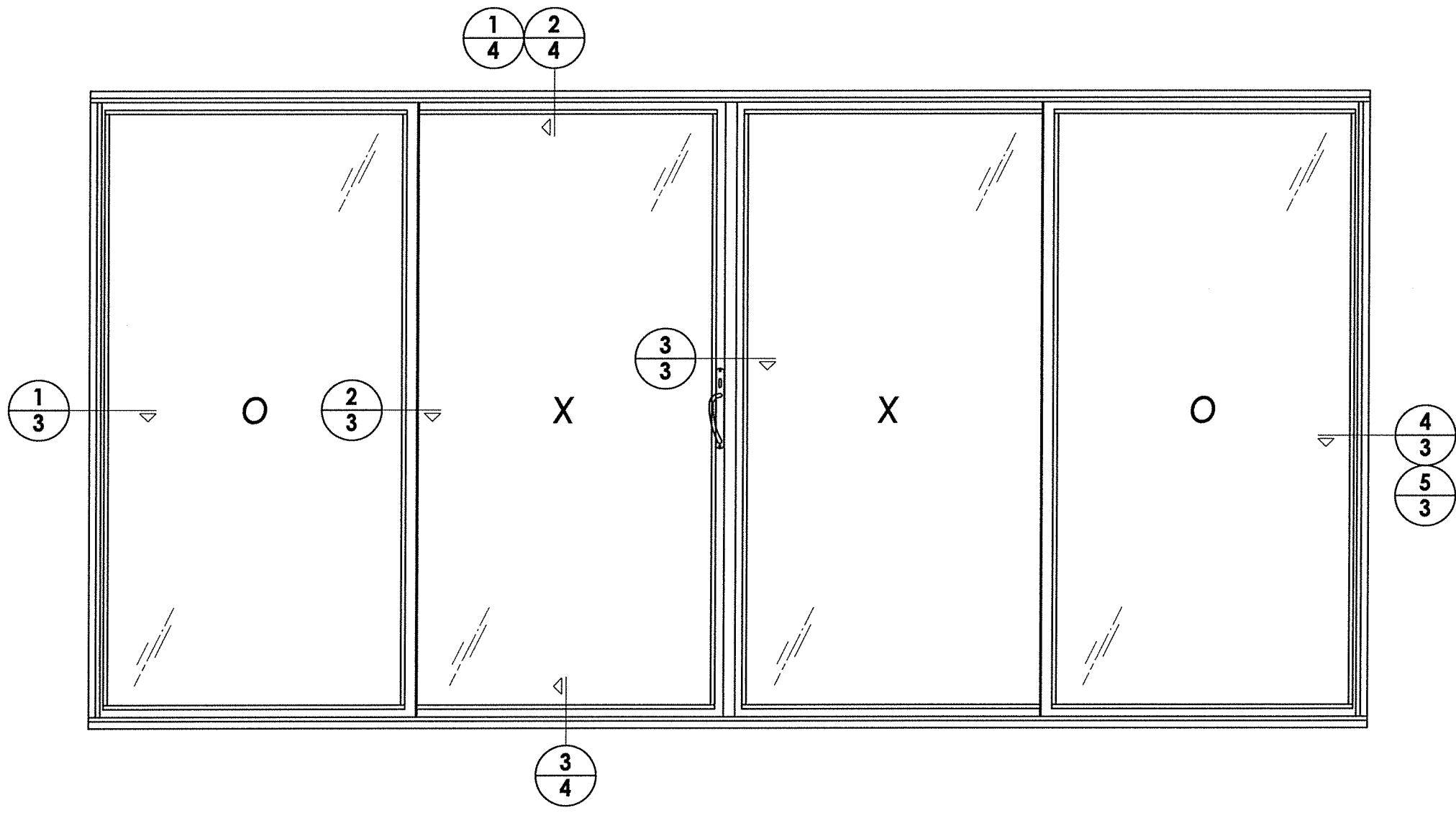
CHK. BY: LFS

DRAWING NO.:
FL-15449.16

SHEET 1 OF 8

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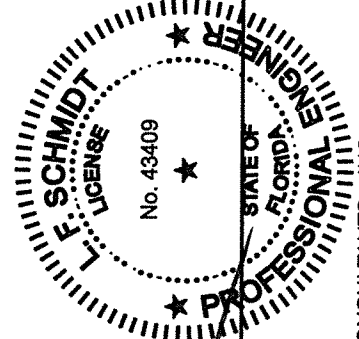
\\dc01\rvbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.16.dwg



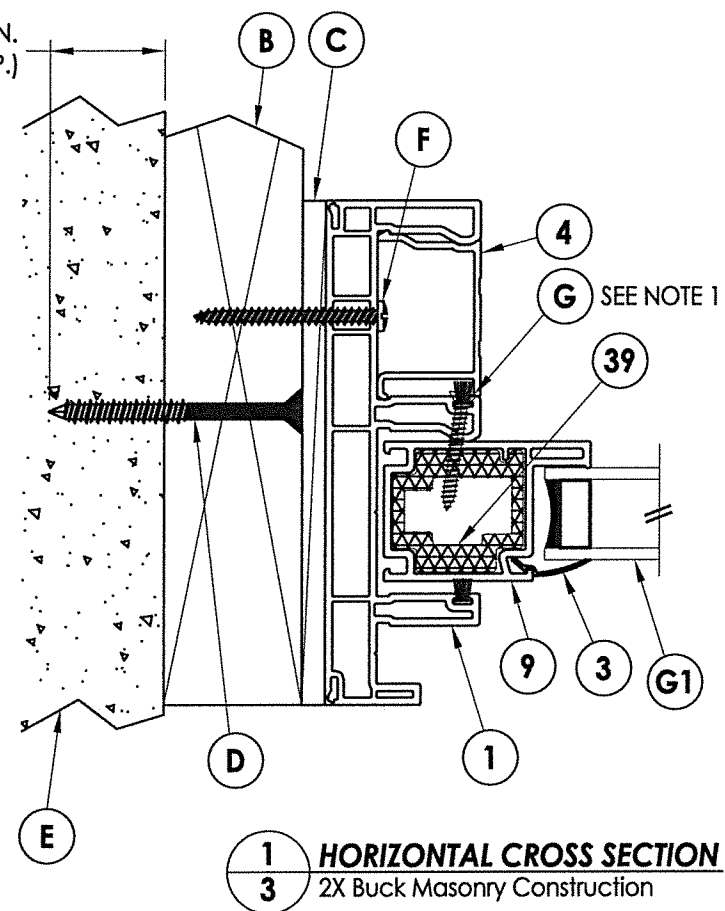
DATE: 06/08/18	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-15449.16	
SHEET 2	OF 8
NO.	1
	7/28/20
DATE	
UPDATE TO 7th ED. (2020)	
FBC	DAC
BY	

PRODUCT:	
NewSouth	
PART OR ASSEMBLY:	
ELEVATION	

07/28/2020
Documents Prepared By:
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1-1/4" MIN.
EMB. (TYP.)

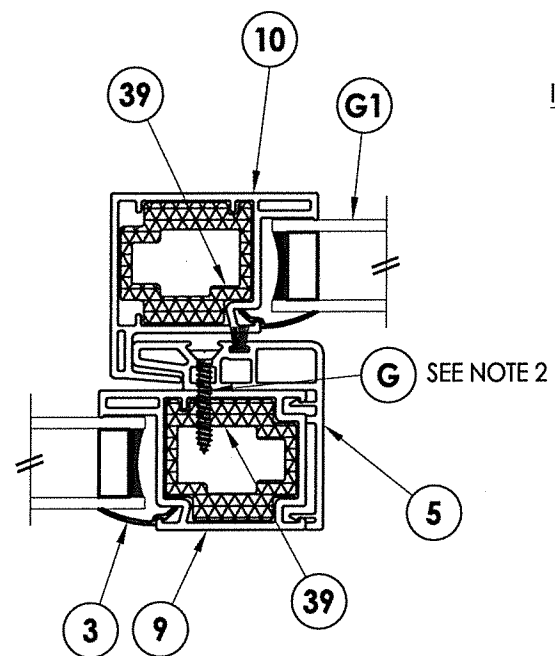


1 HORIZONTAL CROSS SECTION

3 2X Buck Masonry Construction

INTERIOR

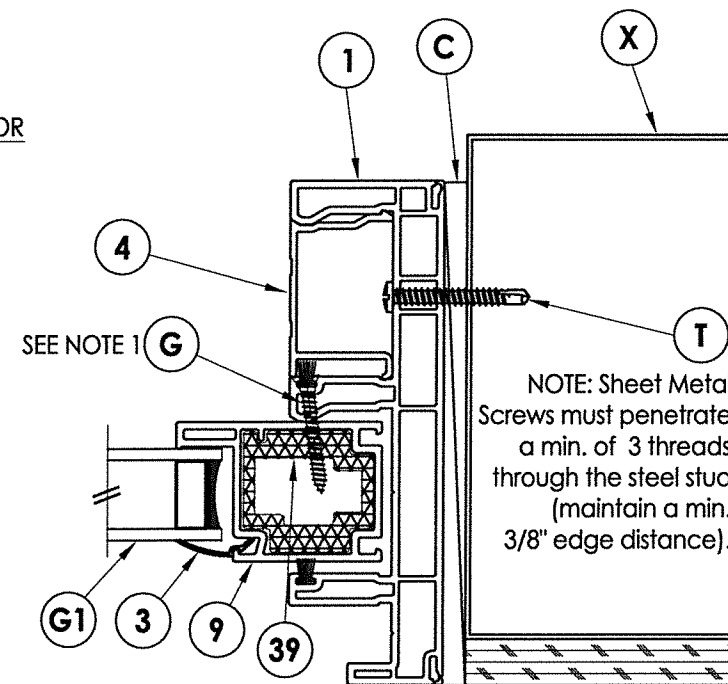
EXTERIOR



2 HORIZONTAL CROSS SECTION

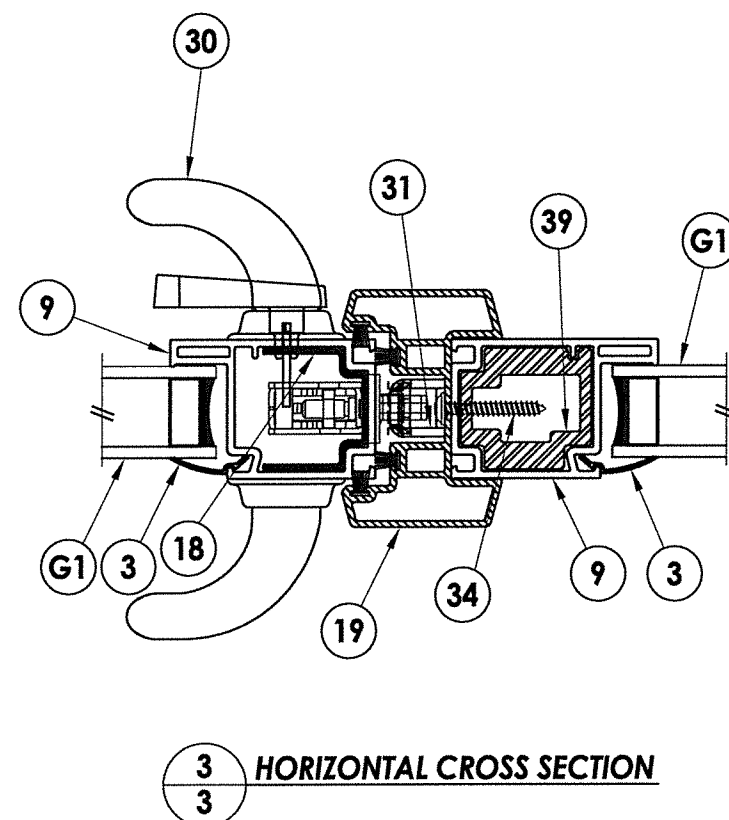
INTERIOR

EXTERIOR



5 HORIZONTAL CROSS SECTION
3 Steel Stud Construction

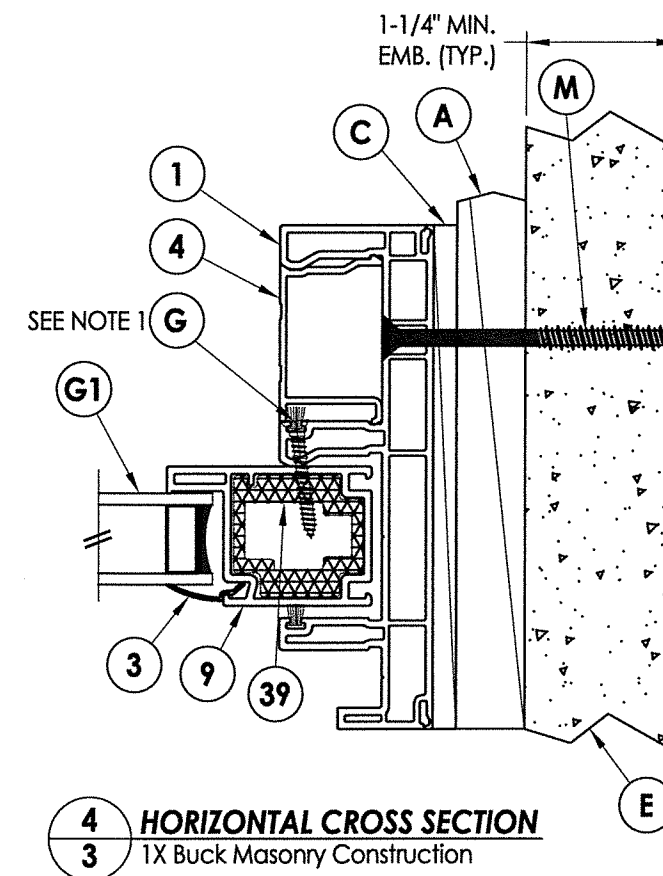
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through the steel stud (maintain a min. 3/8" edge distance).



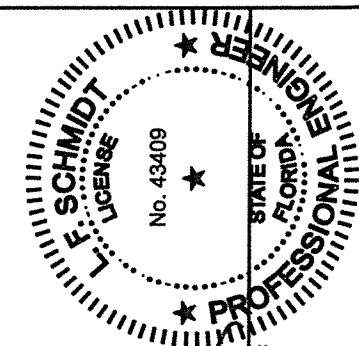
3 HORIZONTAL CROSS SECTION

INTERIOR

EXTERIOR



4 HORIZONTAL CROSS SECTION
3 1X Buck Masonry Construction



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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:
**HORIZONTAL
CROSS SECTIONS**

1	7/28/20	UPDATE TO 7th ED. (2020)	FBC	DAC
				BY
REVISIONS				

DATE: 06/08/18

SCALE: N.T.S.

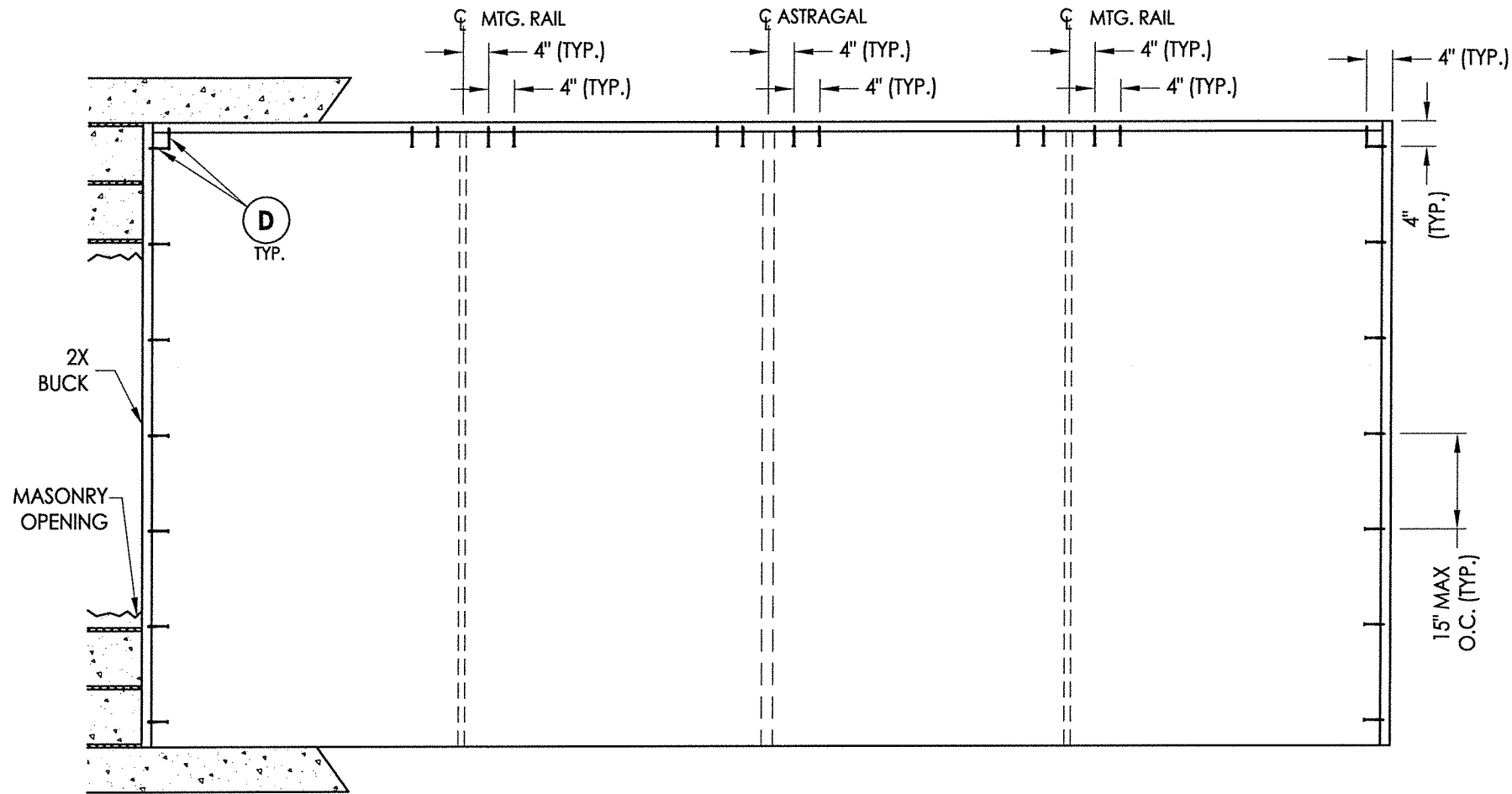
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15449.16

SHEET 3 OF 8

\\dc01\wbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.16.dwg



2X BUCK ANCHORING

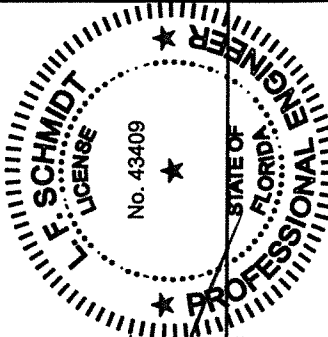
CONCRETE ANCHOR NOTES:

- 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:

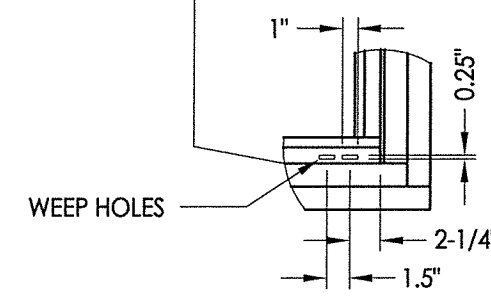
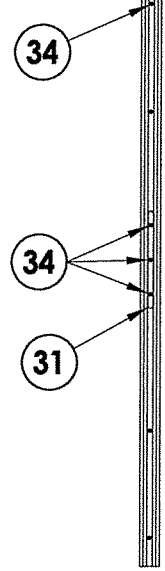
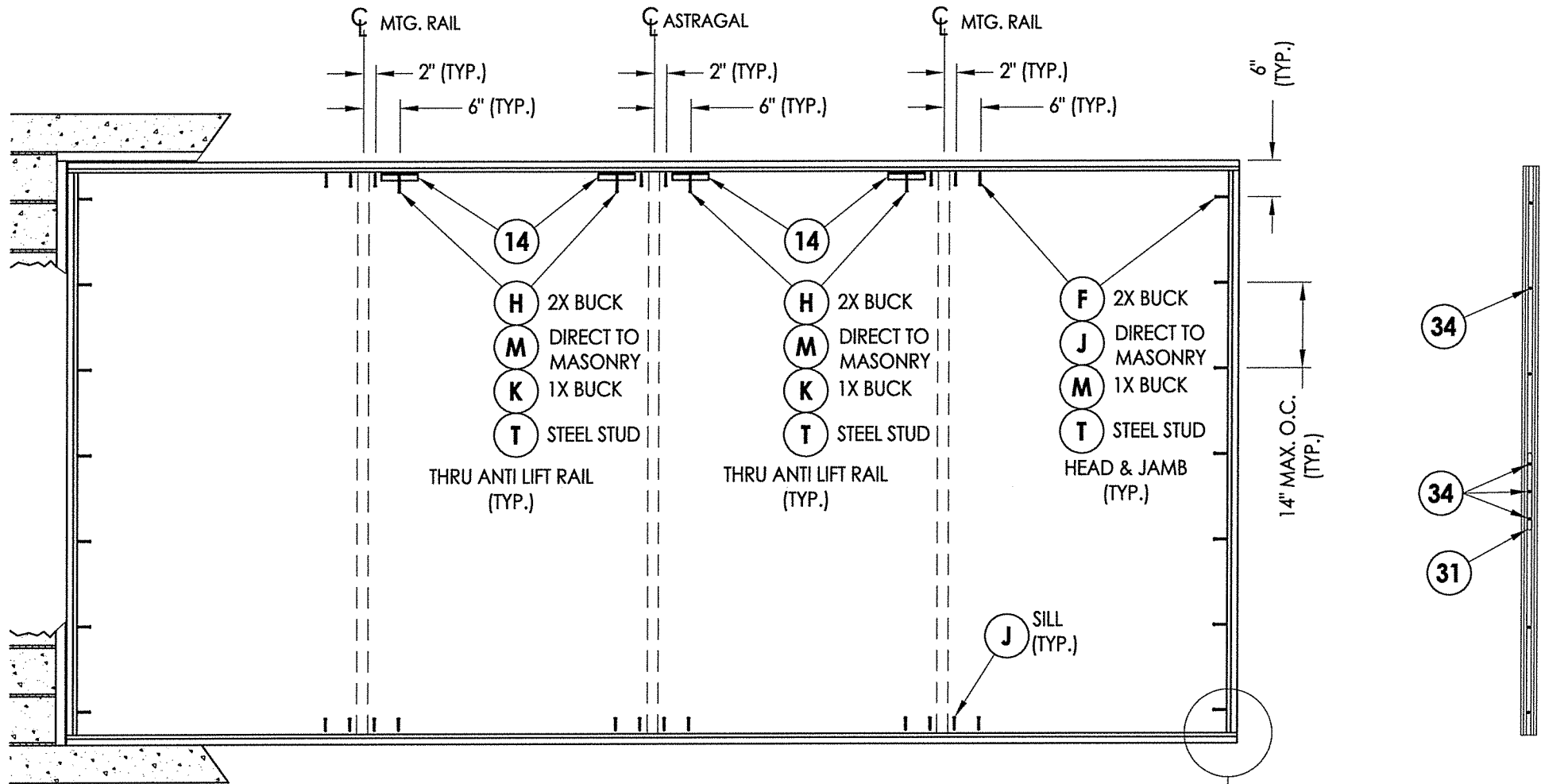
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



07/28/2020
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FBPE Registry No. 9813

PRODUCT:	NewSouth	PART OR ASSEMBLY:	BUCK ANCHORING
DATE:	06/08/18	SCALE:	N.T.S.
DWG. BY:	JK	CHK. BY:	LFS
DRAWING NO.:	FL-15449.16	SHEET	5 OF 8
NO.	1	DATE	7/28/20
BY	DAC	REVISIONS	UPDATE TO 7th ED. (2020) FBC

\\dc01\rvbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\A - Drawings\FL-15449 (2020) R5\FL-15449.16.dwg



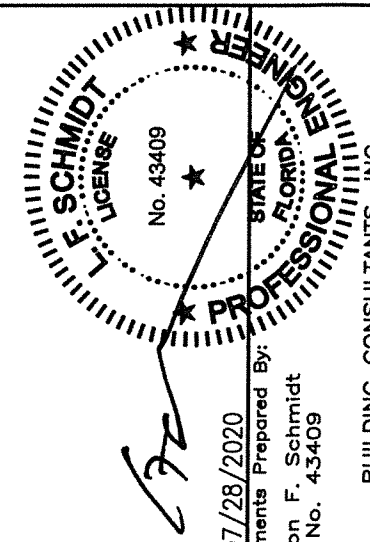
CONCRETE ANCHOR NOTES:

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 ULTRACON®	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.



07/28/2020

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FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
1	7/28/20	UPDATE TO 7th ED. (2020) FBC

DATE: 06/08/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15449.16

SHEET 6 OF 8

Technical drawing of a mechanical part with dimensions: 1.55", 0.83", 0.65", 1.13", 0.062", 1.83".

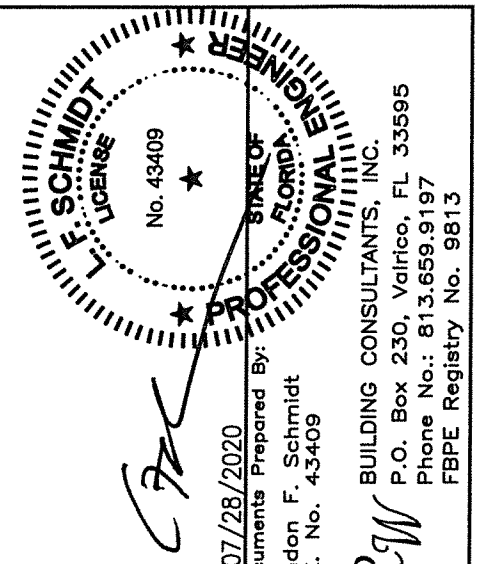
1.12"

1.7"

0.060"

[illegible]

21 SILL RISER



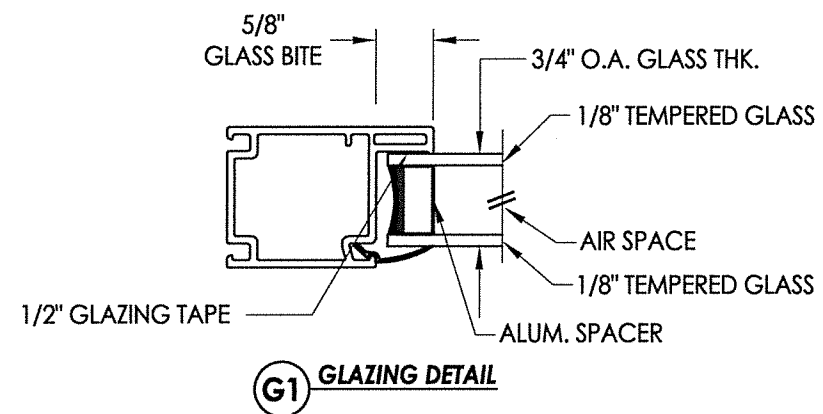
07/28/2020
Documents Prepared
Lyndon F. Schn
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 06/08/18		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: COMPONENTS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15449.16			
SHEET 7 OF 8			

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	#8 X 1" PFH SMS	STEEL
H	#10 X 3" PPH SMS	STEEL
J	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
K	1/4" X 4" PFH ITW CONCRETE SCREW	STEEL
M	1/4" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
T	#10-16 PH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk 0.054" (ASTM A653 GRADE 50 Fy=50 ksi min., Fu=65 ksi min.)	STEEL
1	FRAME*	RIGID PVC
3	GLAZING BEAD*	RIGID PVC
4	FRAME CAP*	RIGID PVC
5	SNAP-ON MEETING RAIL*	RIGID PVC
6	SILL CAP (6063-T5 ALUM)	ALUM
7	SASH TOP AND BOTTOM RAIL*	RIGID PVC
9	SASH STILE*	RIGID PVC
10	MEETING RAIL*	RIGID PVC
11	FIXED TRACK (6065-T5 ALUM)	ALUM
12	SILL ROLLER TRACK (6063-T5 ALUM)	ALUM
14	ANTI LIFT RAIL (6065-T5 ALUM)	ALUM
18	LOCK STILE STIFFENER	ALUM
19	ASTRAGAL (6065-T5 ALUM)	ALUM
20	WEATHERSTRIP	FOAM
21	SILL RISER*	RIGID PVC
25	ROLLER ASSM.	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-
34	#6 X 3/4" PPH SMS	STEEL
39	REINFORCEMENT (6063 T6)	ALUM

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



		07/28/2020 Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		STATE OF FLORIDA PROFESSIONAL ENGINEER		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: 06/08/18		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15449.16		SHEET 8 OF 8		REVISIONS		NO. DATE	
1 7/28/20		UPDATE TO 7th ED. (2020)		FBC		DAC	
BY		BY		BY		BY	