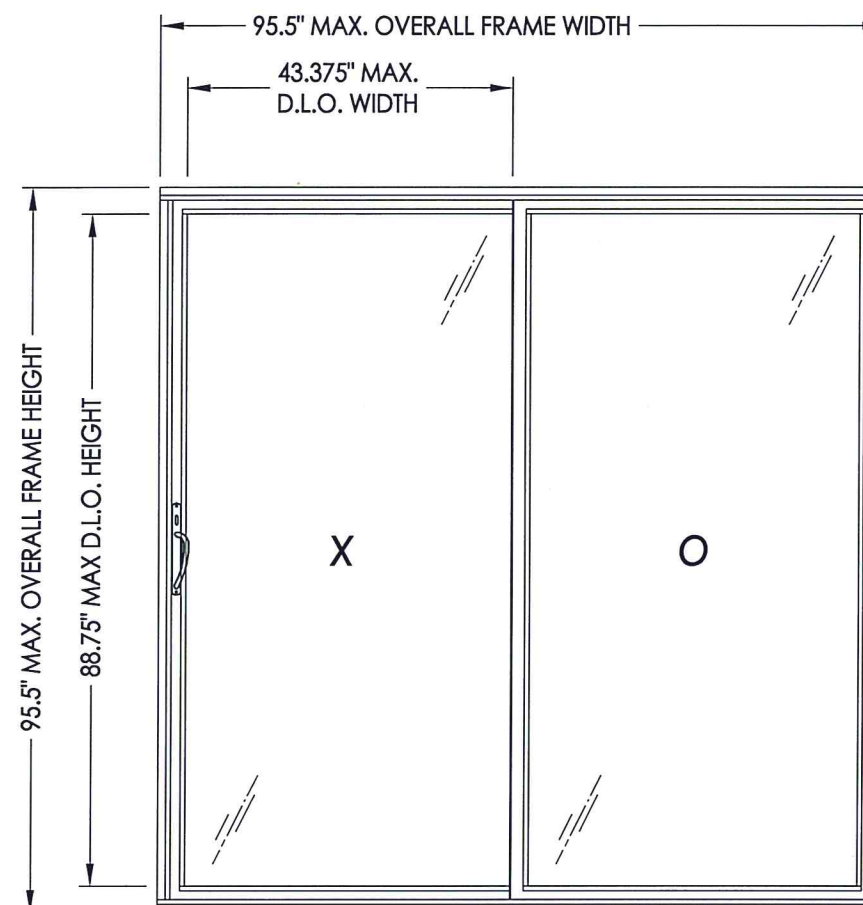


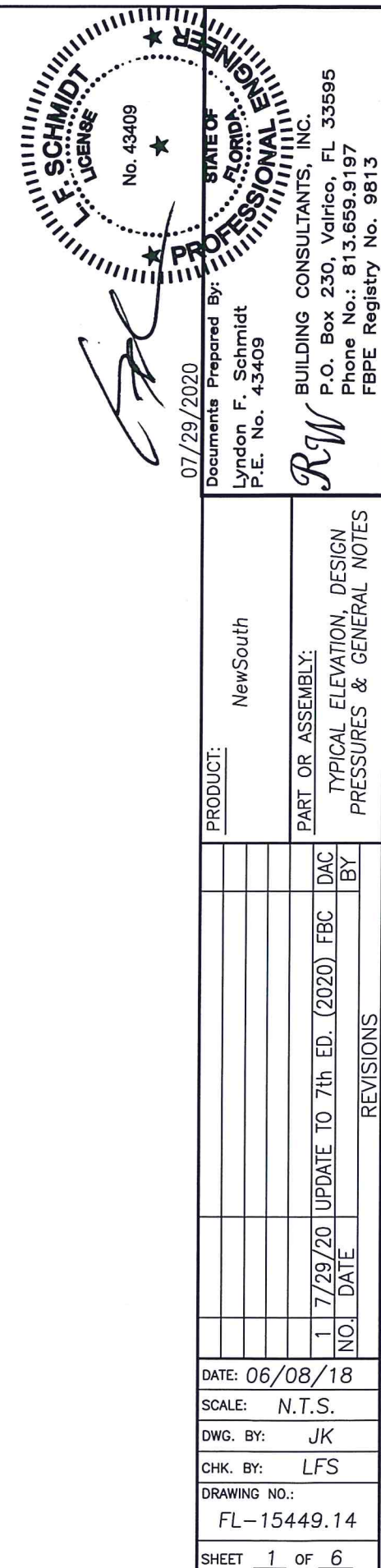
GENERAL NOTES

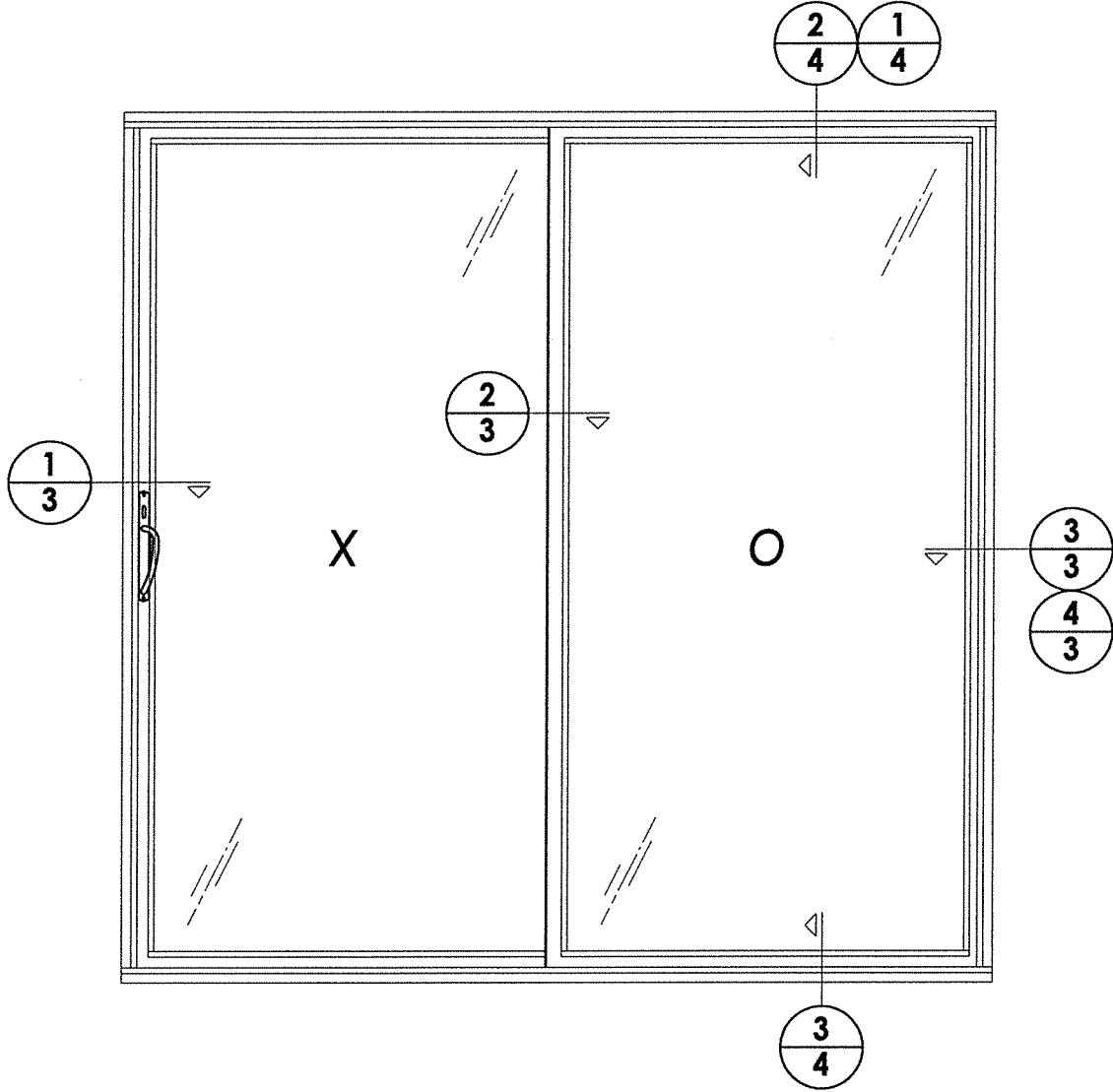
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 and frame anchoring
6	Bill of materials, components and glazing detail



MAX FRAME DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
95.5" X 95.5"	43.375" X 88.75"	G1	+30.0	-35.0

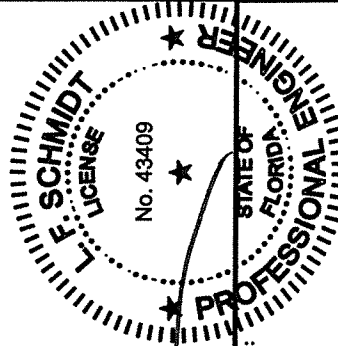




DATE: 06/08/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15449.14
SHEET 2 OF 6

NO.	DATE	REVISIONS
1	7/29/20	UPDATE TO 7th ED. (2020)
		FBC
		DAC
		BY

PRODUCT: NewSouth
PART OR ASSEMBLY: ELEVATION

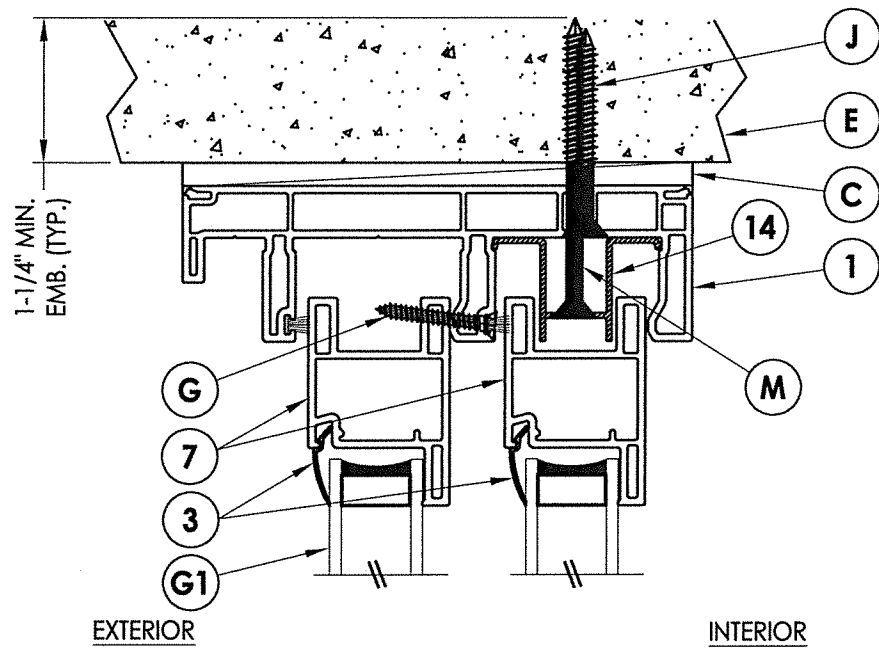


07/29/2020

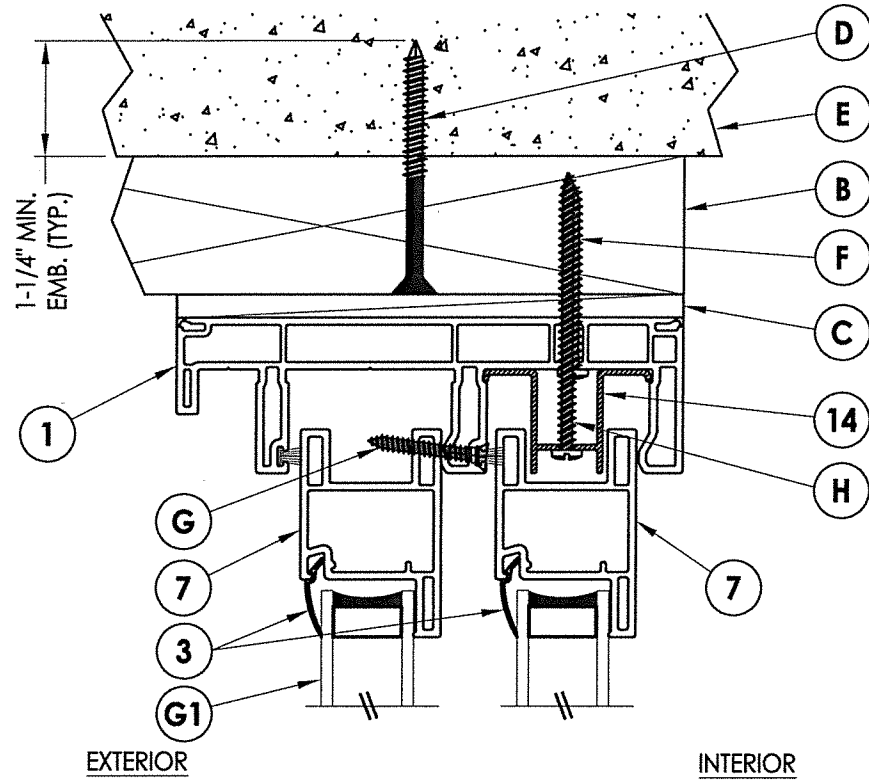
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

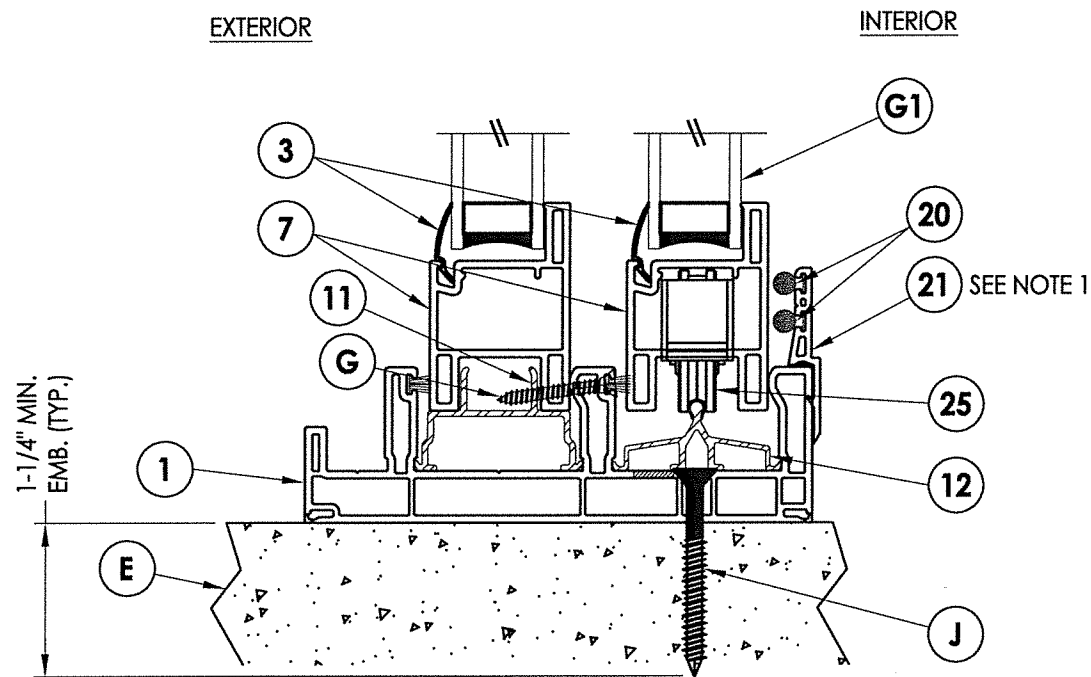
\\dc01\rvbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.14.dwg



1
4 **VERTICAL CROSS SECTION**
Direct to Masonry Construction

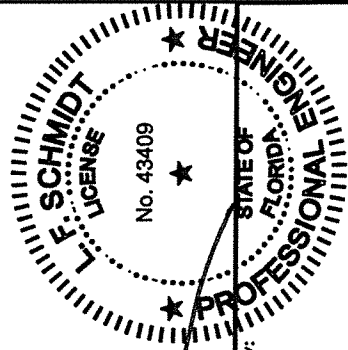


2
4 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction



3
4 **VERTICAL CROSS SECTION**

NOTE:
1. High Dam Sill riser (Item #21) required when positive design pressure > 20 psf.

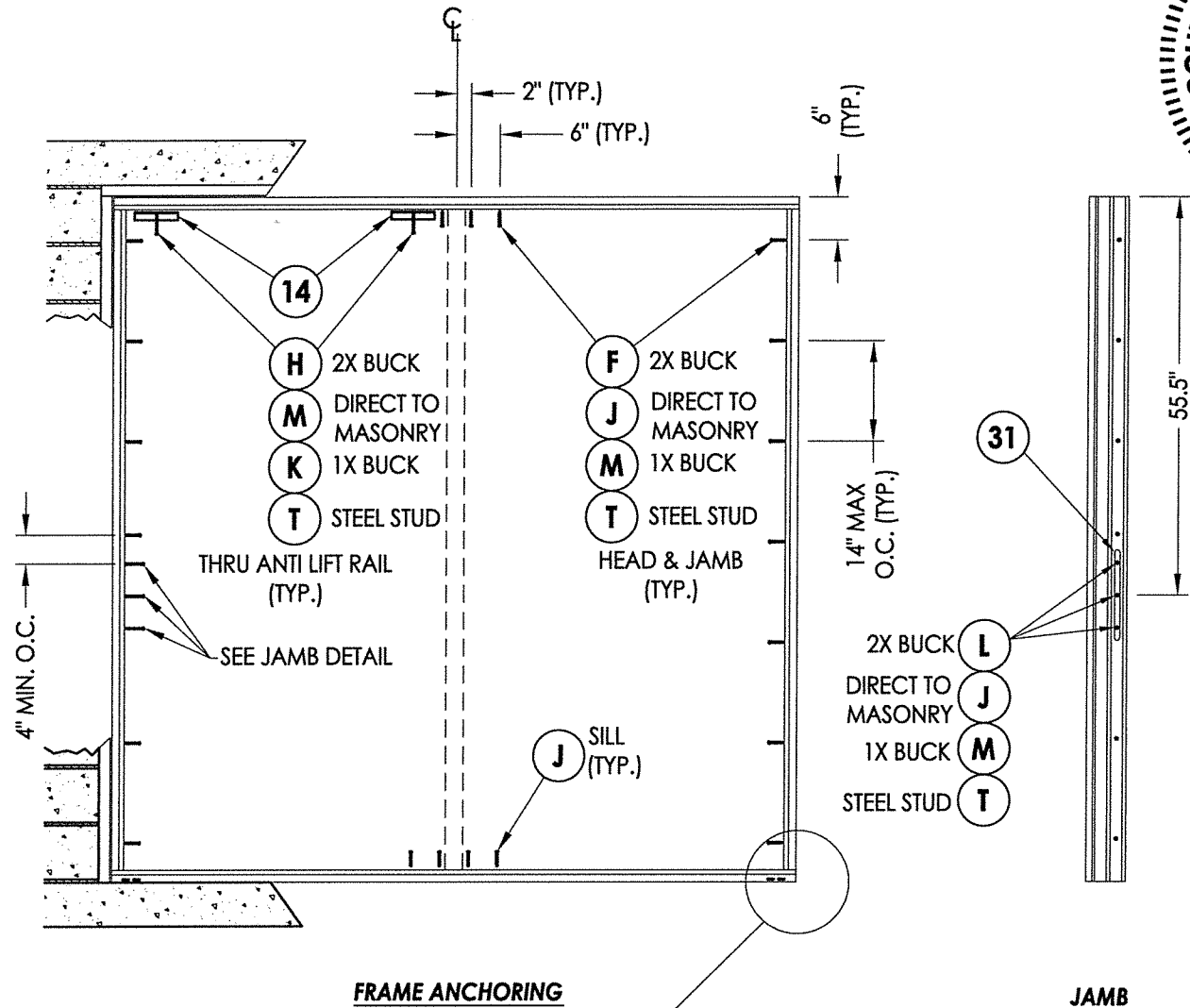
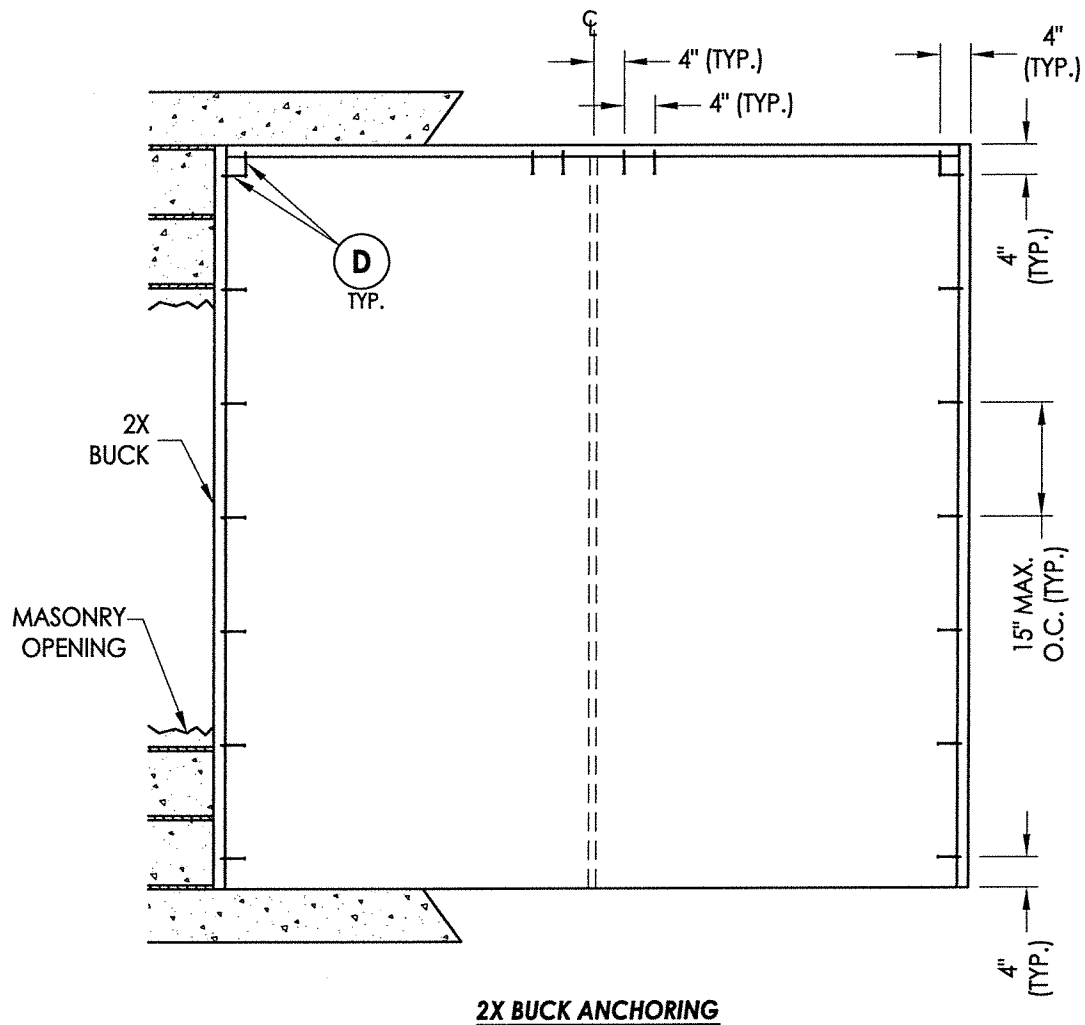


07/29/2020

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Lyndon F. Schmidt
P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT:		NewSouth	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
1	7/29/20	UPDATE TO 7th ED. (2020) FBC	DAC
DATE: 06/08/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15449.14			
SHEET 4 OF 6			



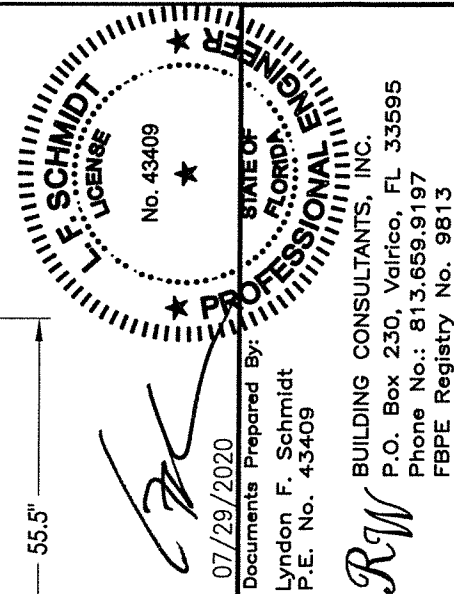
CONCRETE ANCHOR NOTES:

- 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.



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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

PART OR ASSEMBLY:
BUCK AND FRAME
ANCHORING

NO.	DATE	REVISIONS
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		DAC
		BY

DATE: 06/08/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

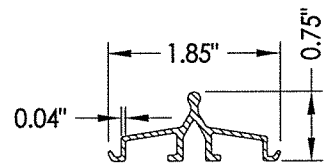
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FL-15449.14

SHEET 5 OF 6

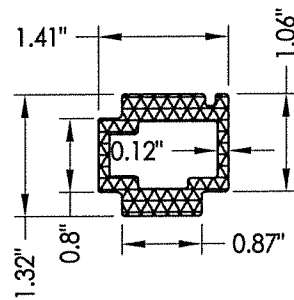
\\dc01\rvbc\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.14.dwg

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	#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
L	#10 X 2-1/2" PPH SMS (1-3/16" MIN. EMBEDMENT)	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
20	WEATHERSTRIP	FOAM
21	SILL RISER*	RIGID PVC
25	ROLLER ASSM.	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-
39	REINFORCEMENT (6063 T6)	ALUM

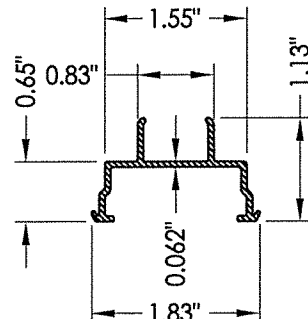
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



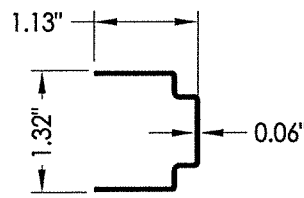
12 ROLLER TRACK
356-A51-52-TRK



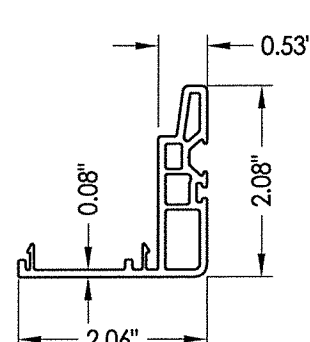
39 REINFORCEMENT
356-A1552



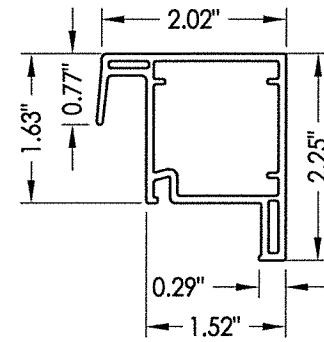
11 FIXED TRACK
356-A65



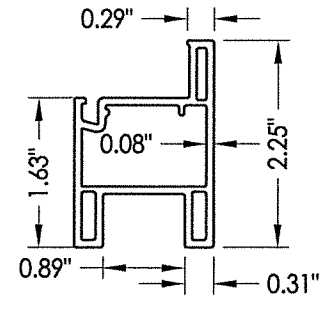
18 LOCK STILE STIFFENER
356-S1552-LR



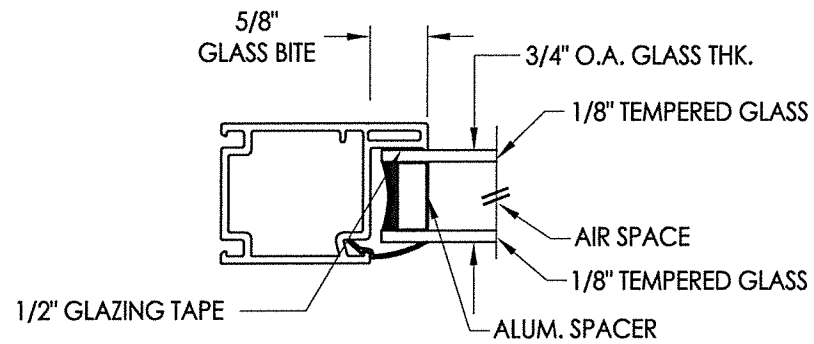
5 SNAP-ON INTERLOCK
R1556



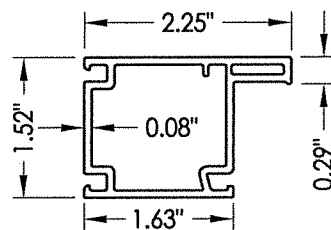
10 MEETING RAIL
R1554



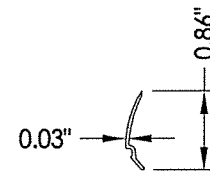
7 TOP AND BOTTOM RAIL
R1553



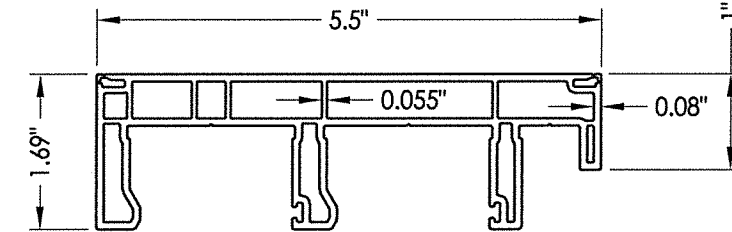
G1 GLAZING DETAIL



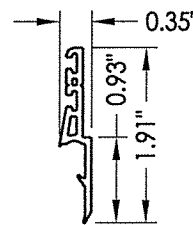
9 STILE
R1552



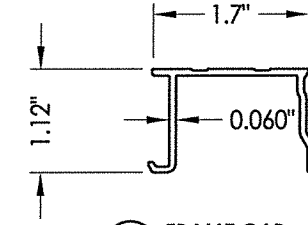
3 GLAZING BEAD
R1994



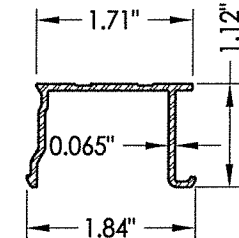
1 FRAME
8572-356-D60



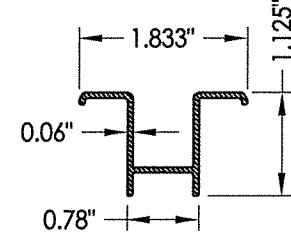
21 SILL RISER



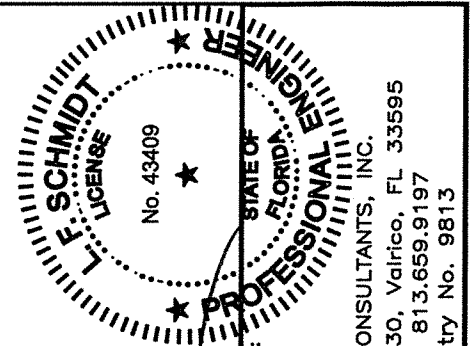
4 FRAME CAP
8571-356-D58



6 SILL CAP
356-A51-52-COV



14 ANTI LIFT RAIL



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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, COMPONENTS
AND GLAZING DETAIL

NO.	DATE	BY	REVISIONS
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DATE: 06/08/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15449.14
SHEET 6 OF 6