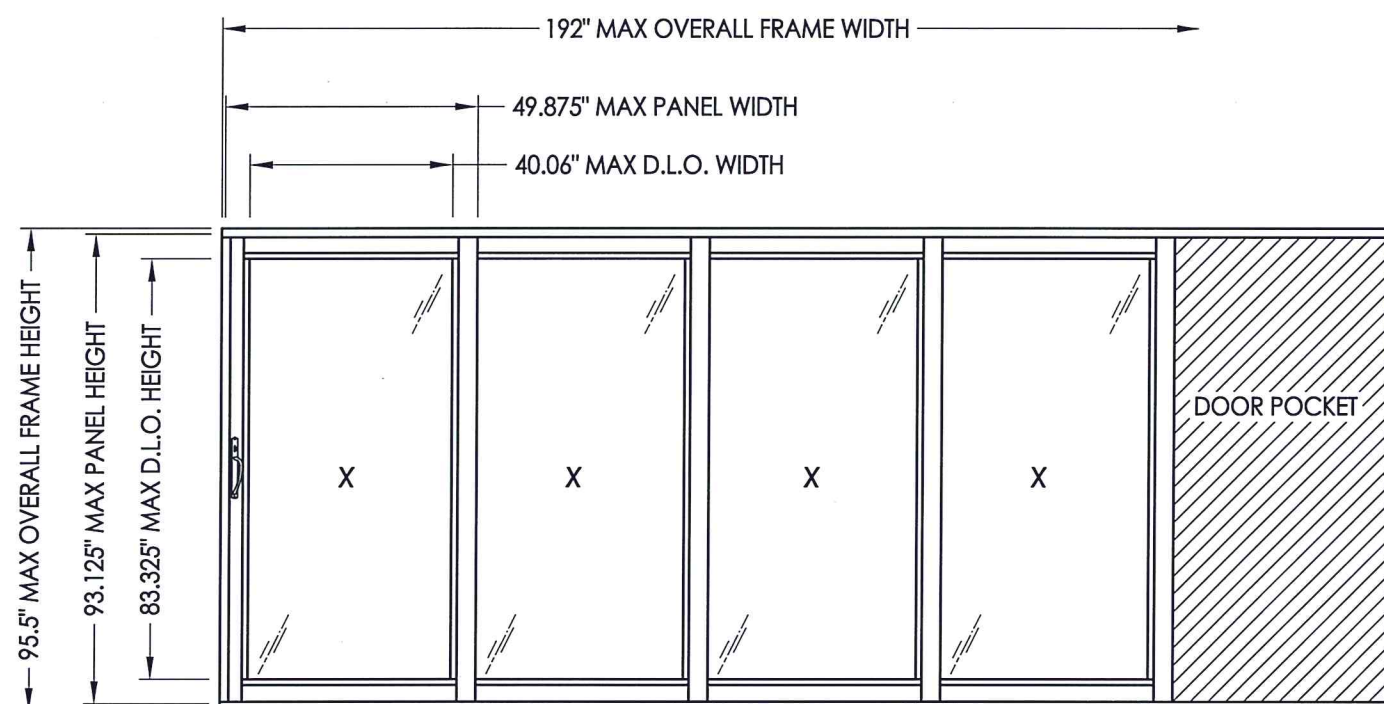


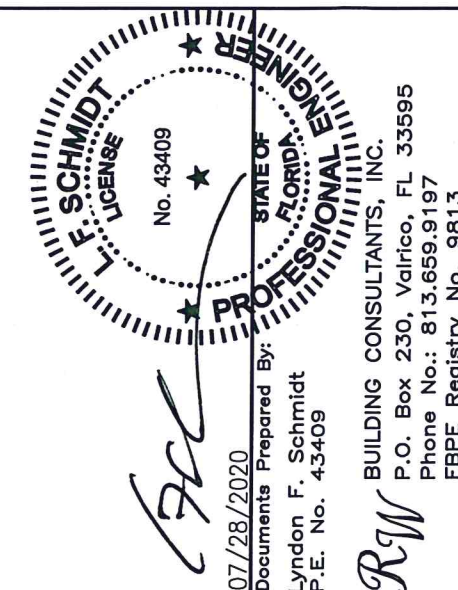
6000 Series Model 6550 XXXXP
Sliding "Pocket" Patio Door
"IMPACT"

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) including 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 the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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	SILL RISER	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
192.0" X 95.5"	40.06" X 83.325"	STANDARD	G1	+30.0	-55.0
192.0" X 95.5"	40.06" X 83.325"	HIGH DAM	G1	+50.0	-55.0



DATE: 1/15/19		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: RW		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
CHK. BY: LFS			
DRAWING NO.: FL-15449.19			
SHEET 1 OF 8			

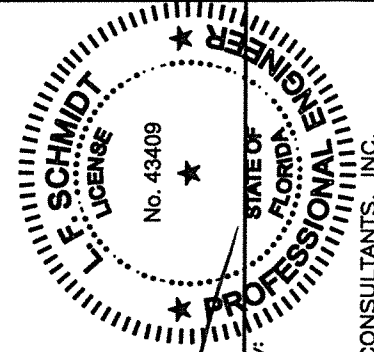
SHEET 2 OF 8

PRODUCT:	NewSouth
PART OR ASSEMBLY:	ELEVATION

01/28/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

Ray, BUILDING CONSULTANTS, INC.

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



The seal is circular with a double-lined border. The outer ring contains the text "L. F. SCHMIDT" on the left and "PROFESSIONAL ENGINEER" on the right, separated by stars. The inner ring contains "STATE OF FLORIDA". The center of the seal features the license number "No. 43409" and a single star.

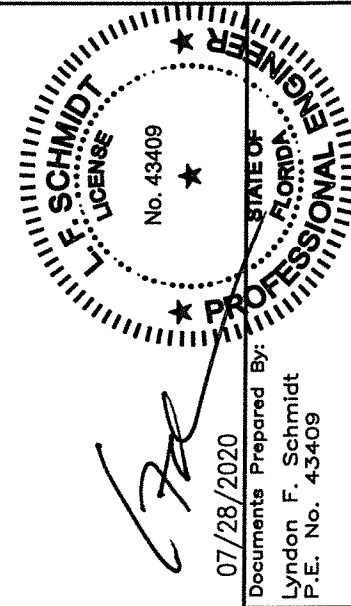
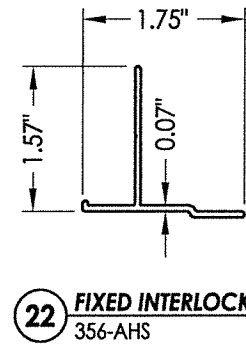
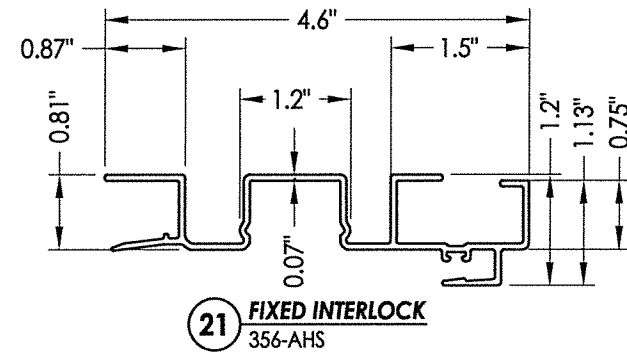
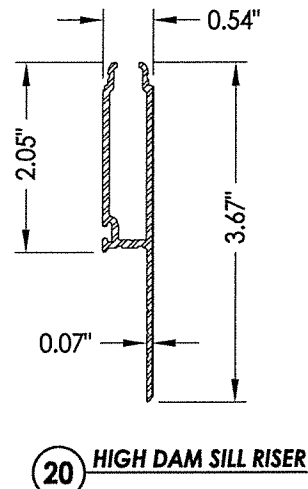
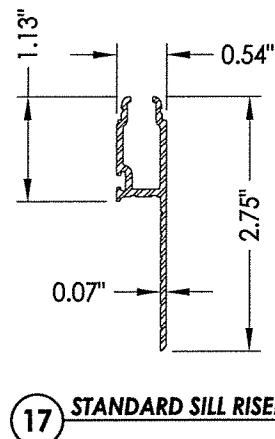
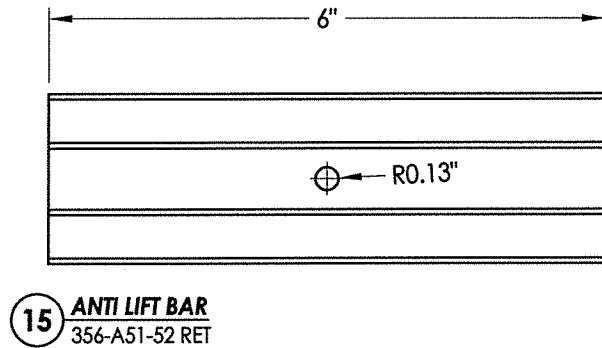
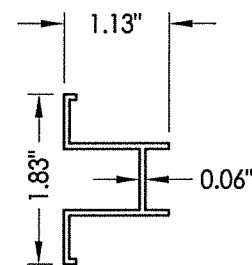
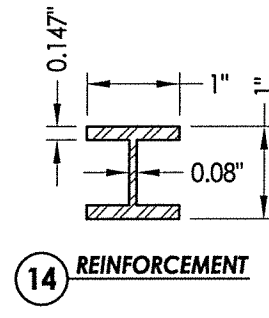
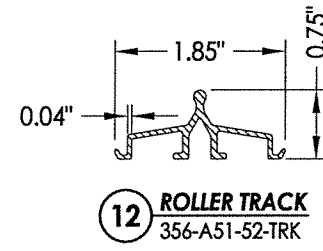
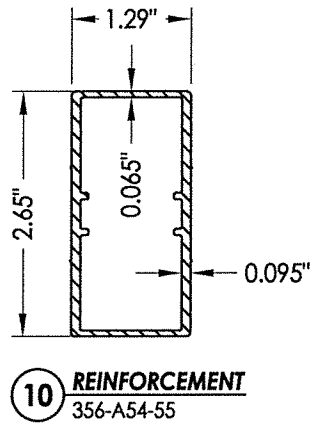
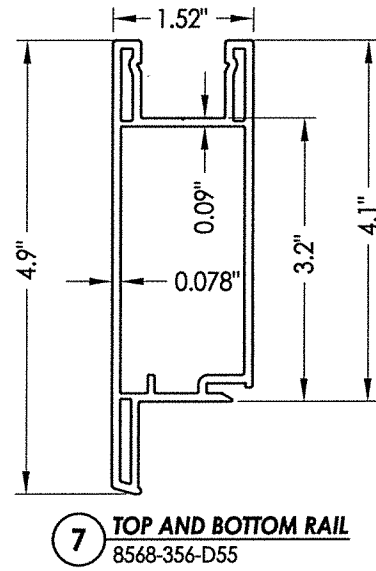
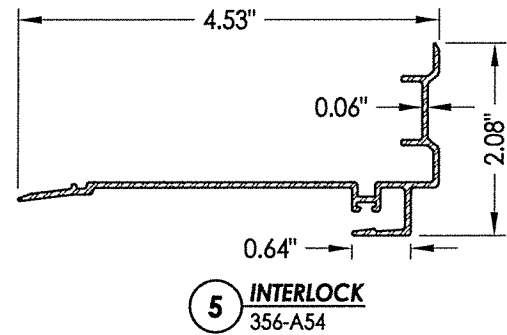
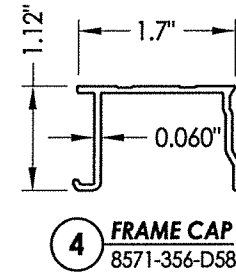
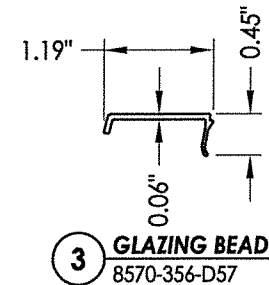
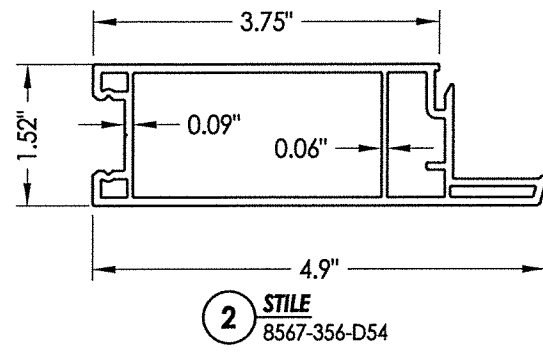
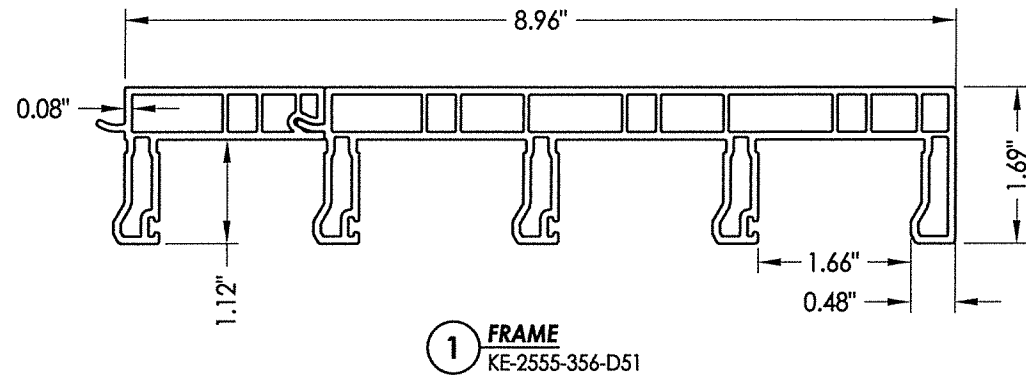
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01/20/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R⁷W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 1/15/19		PRODUCT: NewSouth	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15449.19		PART OR ASSEMBLY: BUCK ANCHORING	
SHEET 5 OF 8			

\\dc01\rvbc\Clients\New South Windows PERMANENT\TA - Florida Product Approvals\FL 15449 Sliding Door\C - Drawings\FL-15449 (2020) R5\FL-15449.19.dwg



07/28/2020

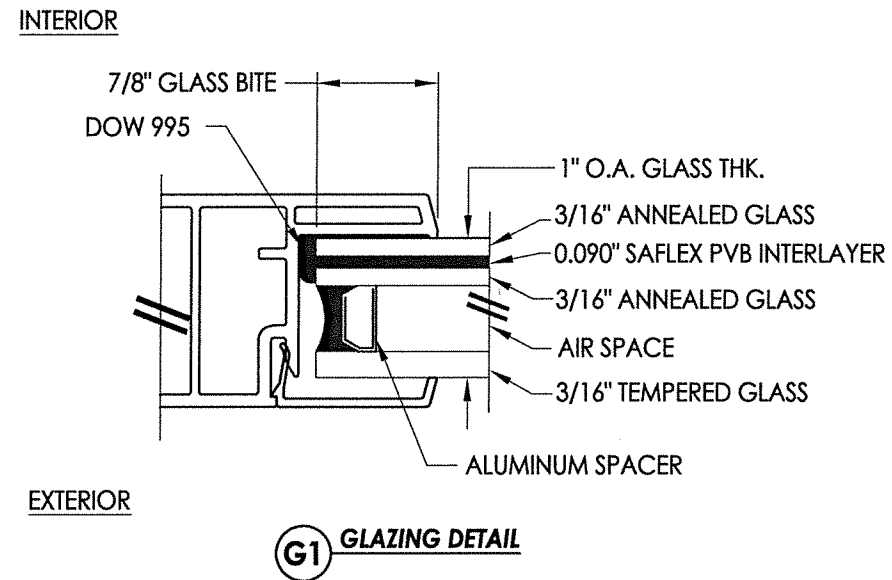
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		PART OR ASSEMBLY:	
NewSouth		COMPONENTS	
NO.	DATE	BY	REVISIONS
1	7/28/20	DAC	UPDATE TO 7th ED. (2020) FBC
DATE: 1/15/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15449.19			
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	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 STEEL 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
17	STANDARD SILL RISER (6063-T5 ALUM)	ALUM
18	SILL RISER CAP (6063-T5 ALUM)	ALUM
20	HIGH DAM SILL RISER (6063-T5 ALUM)	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".



NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1

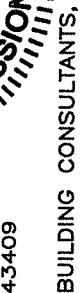
CONCRETE ANCHOR NOTES:

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.

		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813													
		<i>RW</i>													
<i>[Signature]</i> 07/28/2020 Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: NewSouth													
PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAIL		REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO.</th> <th style="width: 10%;">DATE</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">7/28/20</td> <td>UPDATE TO 7th ED. (2020) FBC</td> </tr> <tr> <td style="text-align: center;">NO.</td> <td style="text-align: center;">DATE</td> <td style="text-align: center;">BY</td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	1	7/28/20	UPDATE TO 7th ED. (2020) FBC	NO.	DATE	BY			
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1	7/28/20	UPDATE TO 7th ED. (2020) FBC													
NO.	DATE	BY													
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SCALE: N.T.S.															
DWG. BY:	RW														
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DRAWING NO.: FL-15449.19															
SHEET 8	OF 8														