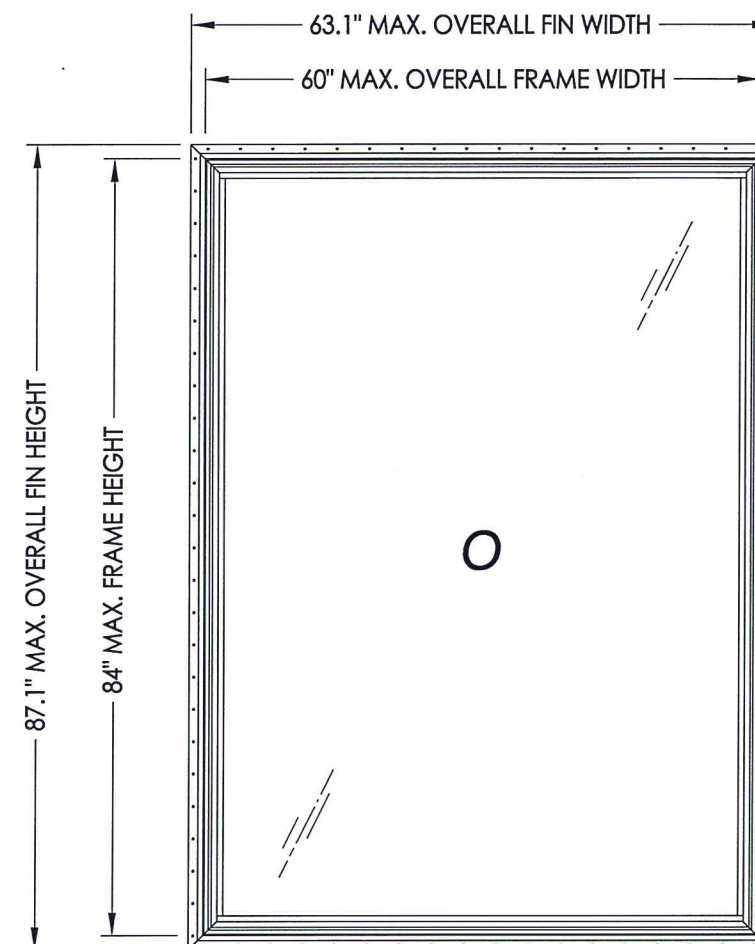


9650 Fixed Window
Impact Rated
w/ Nailing Fin

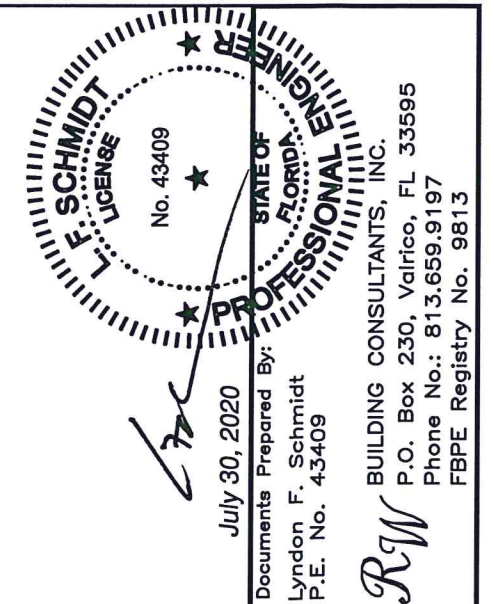
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. 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	Horizontal cross sections
3	Buck & frame anchoring
4	Buck & frame anchoring
5	Bill of materials, components & glazing details

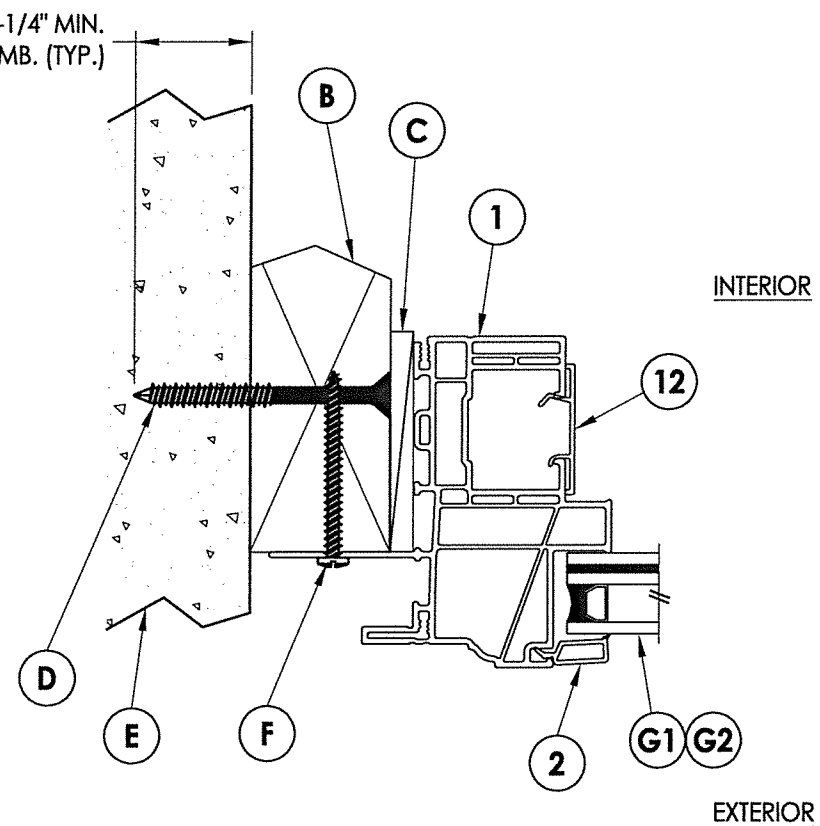


NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
39.1" X 75.1"	36.0" X 72.0"	31.75" X 67.75"	G1	+70.0	-70.0
63.1" X 87.1"	60.0" X 84.0"	55.75" X 79.75"	G2	+60.0	-60.0

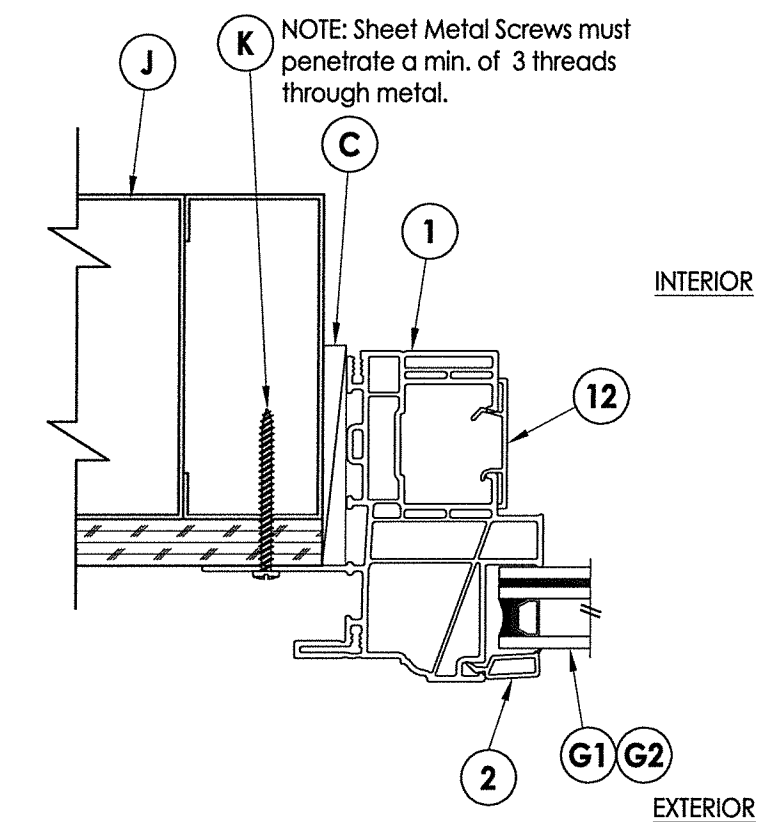
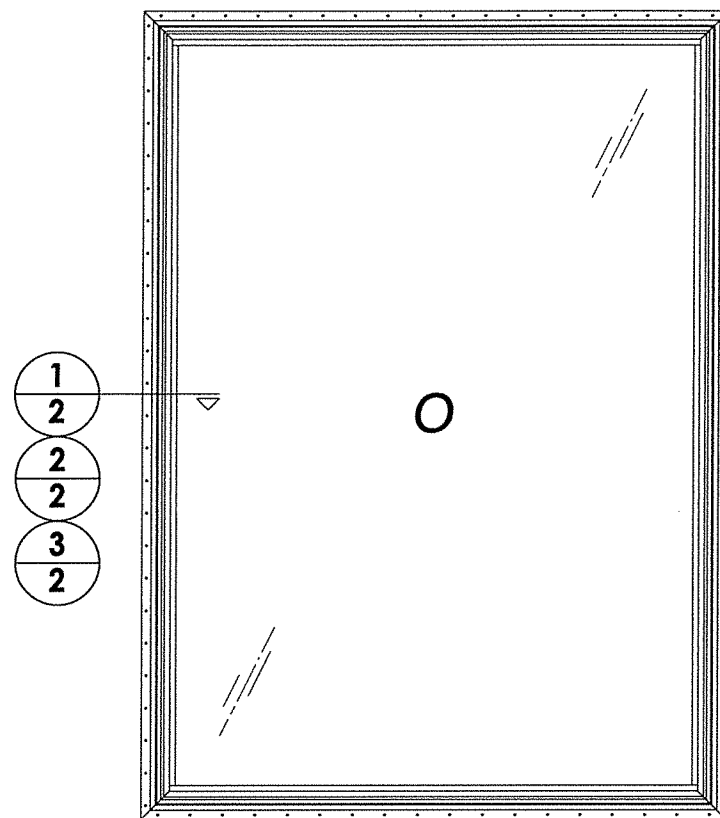
[illegible]

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

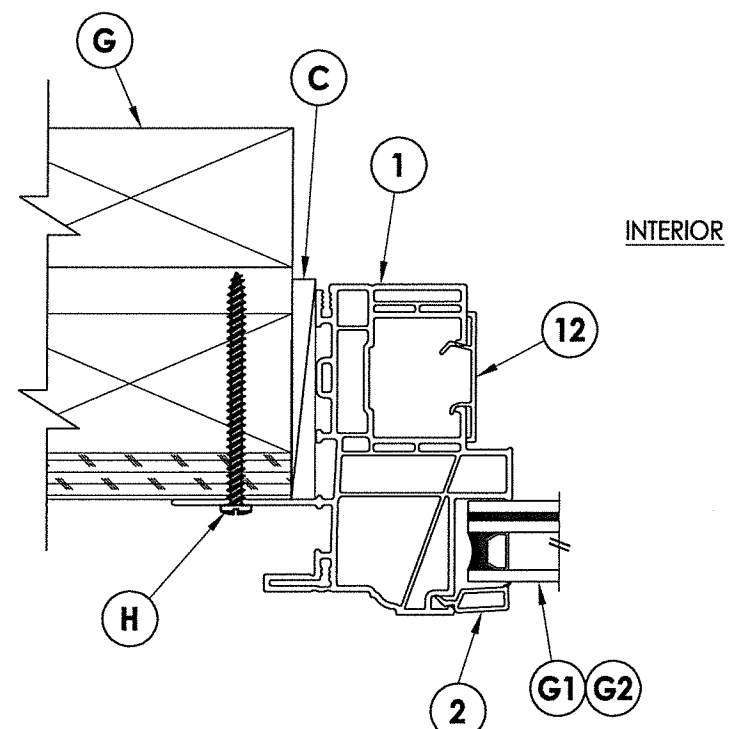


1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction

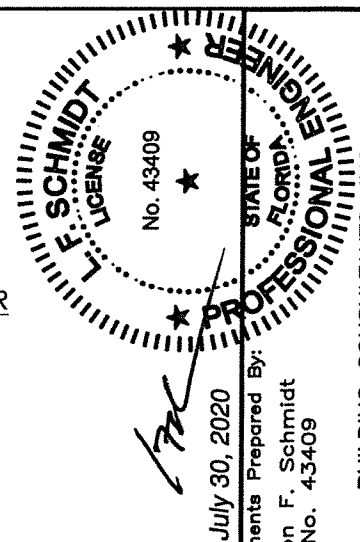


3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud Framing Option



2 HORIZONTAL CROSS SECTION EXTERIOR
2 2X Stud Construction

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



July 30, 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

DATE: 6/26/15		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15054.15			
SHEET 2 OF 5			

7" MAX. O.C. (TYP.)

3" MAX. (TYP.)

3" MAX. (TYP.)

7" MAX. O.C. (TYP.)

FRAME

2X BUCK

MASONRY OPENING

F (TYP.)

2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.

7" MAX. O.C. (TYP.)

3" MAX. (TYP.)

3" MAX. (TYP.)

7" MAX. O.C. (TYP.)

H WOOD

K STEEL (TYP.)

FRAME

FW

July 30, 2020

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 & FRAME
ANCHORING**

[illegible]

SHEET 3 OF 5

36" X 72" MAX FRAME SIZE

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"

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

3.5" MAX. O.C. (TYP.)

2" (TYP.)

2" MAX. (TYP.)

3.5" MAX. O.C. (TYP.)

FRAME

2X BUCK

MASONRY OPENING

F (TYP.)

2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.

MAX. (TYP.)

3.5" MAX. O.C. (TYP.)

2" MAX. (TYP.)

2" MAX. (TYP.)

3.5" MAX. O.C. (TYP.)

FRAME

H WOOD

K STEEL (TYP.)

E. SCHMIDT LICENSE No. 43409

2" MAX.
(TYP.)

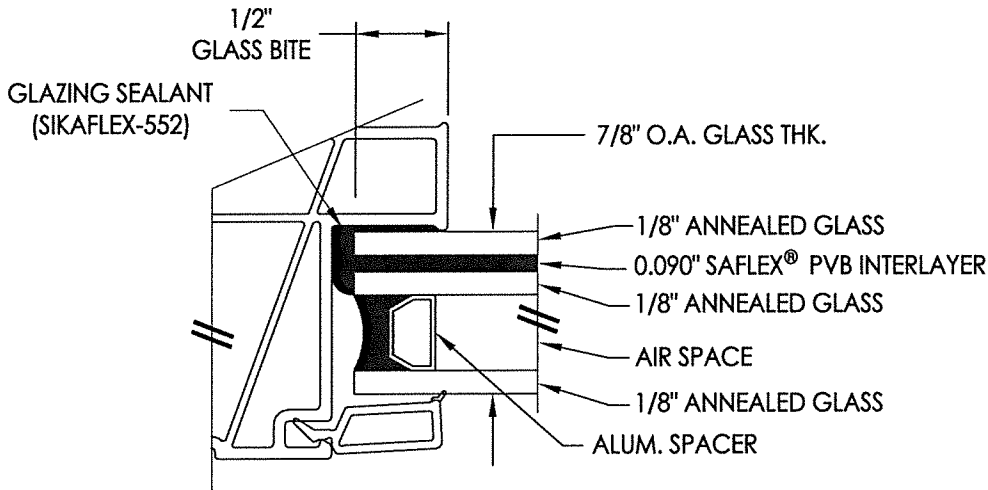
60" X 84" MAX FRAME SIZE

[illegible]

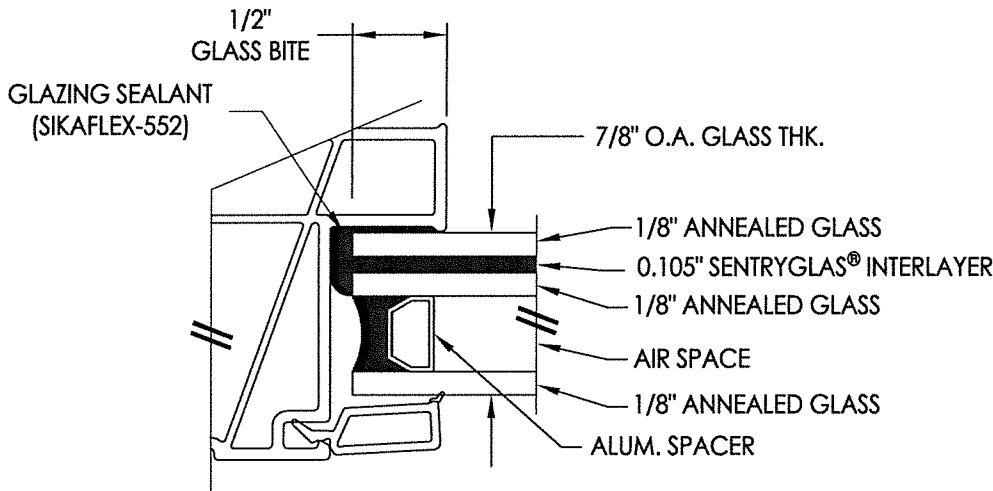
R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.15.dwg, 5-1

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
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 (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	WOOD
H	#10 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
12	FRAME ADAPTER	RIGID PVC

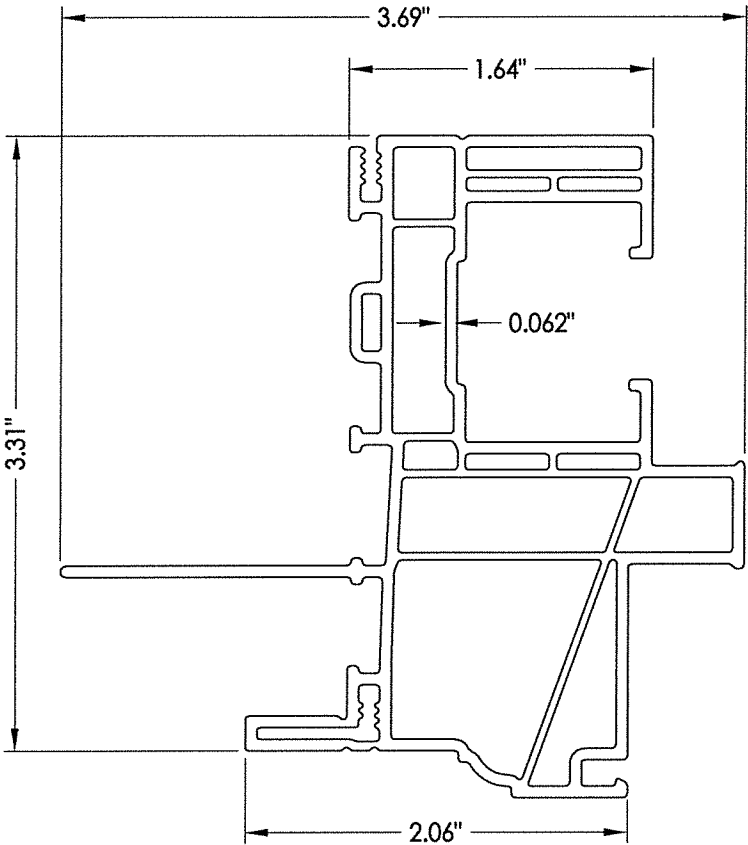
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



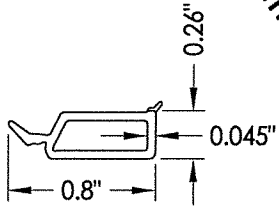
G1 GLAZING DETAIL



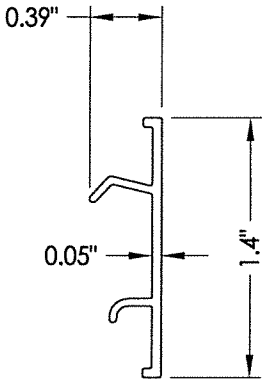
G2 GLAZING DETAIL



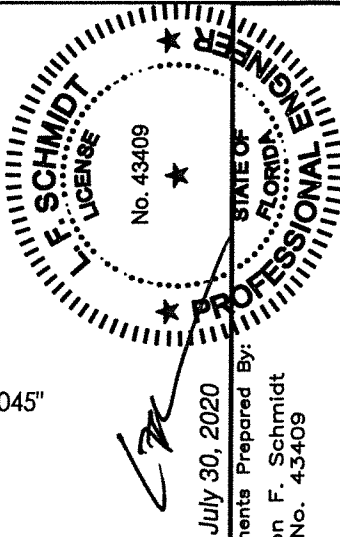
1 FRAME



2 GLAZING BEAD



12 FRAME ADAPTER



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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: NewSouth
PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS

NO.	DATE	BY	REVISIONS
2	7/29/20	LFS	UPDATE TO 7TH ED. (2020) FBC
1	9/22/17	JK	UPDATE TO 6TH ED. (2017) FBC

DATE: 6/26/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15054.15
SHEET 5 OF 5