

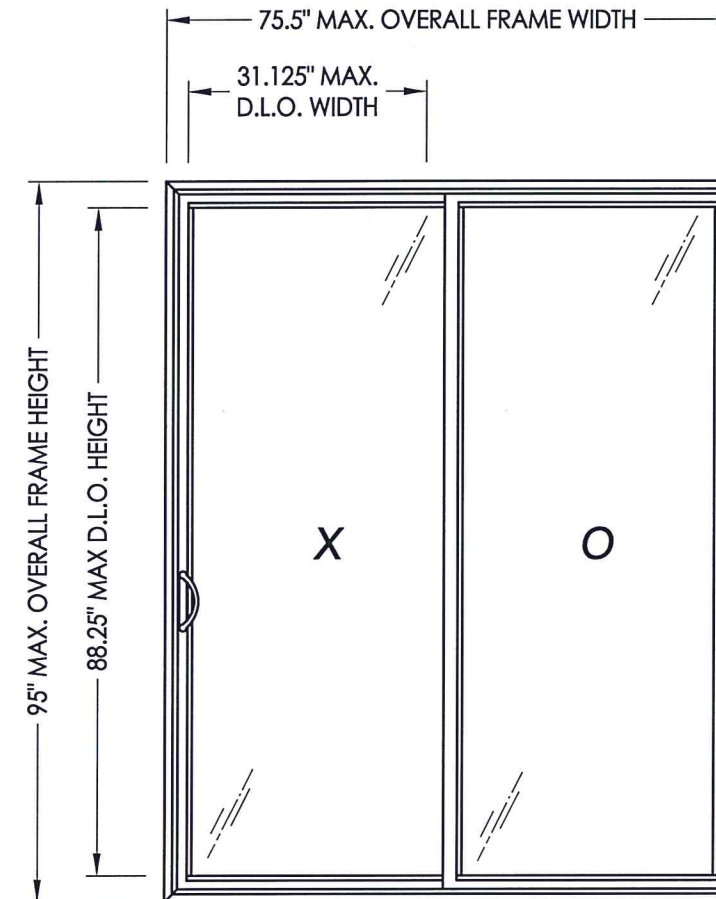


5000 Series Model 5200 Sliding Patio Door "NON-IMPACT"

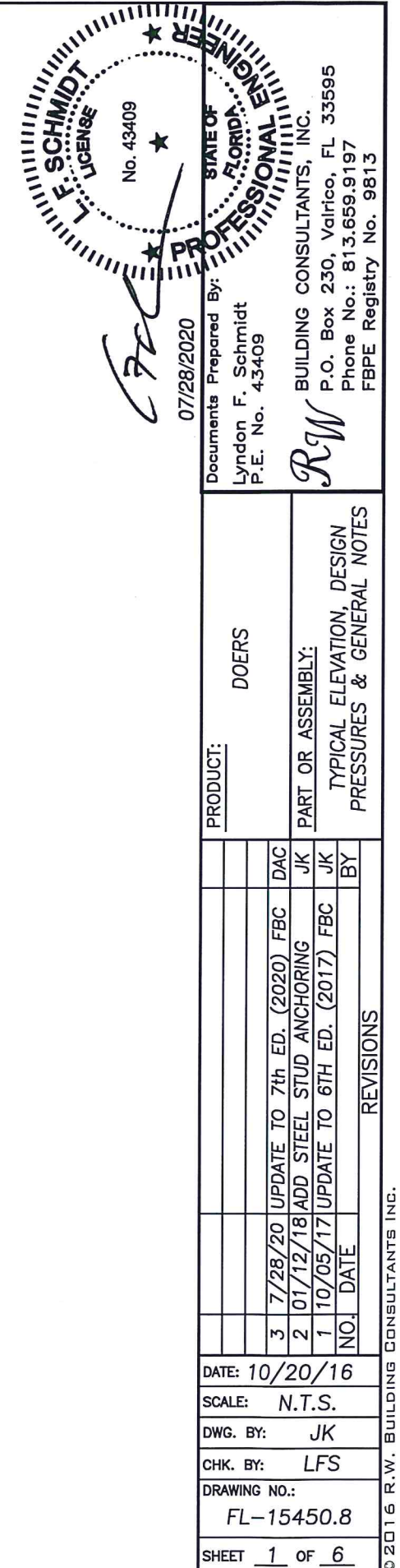
GENERAL NOTES

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.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Elevation
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6	Bill of materials, components and glazing detail



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



[illegible]

SHEET 2 OF 6

DOERS

ELEVATION

Lyndon F. Schmidt
P.E. No. 43409

RW

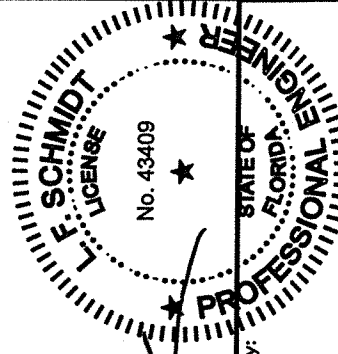
BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

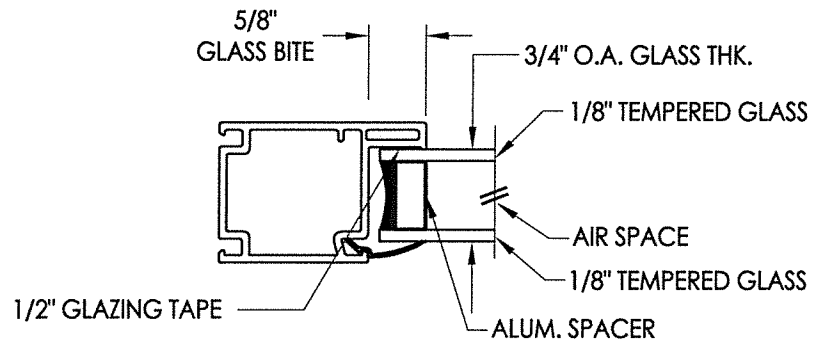
FBPE Registry No. 9813

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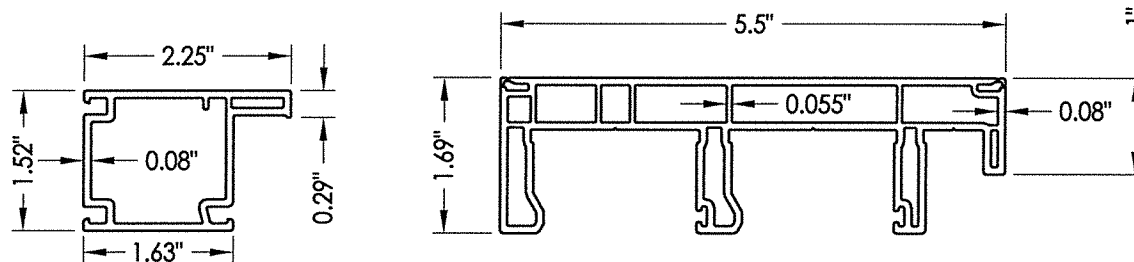


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	#8 X 1" PFH SMS	STEEL
J	1/4" X 2-1/4" 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
18	LOCK STILE STIFFENER	ALUM
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".

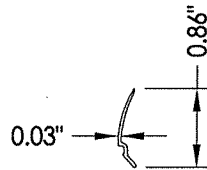


G1 GLAZING DETAIL

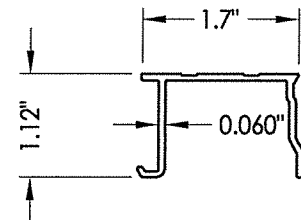


9 STILE
R1552

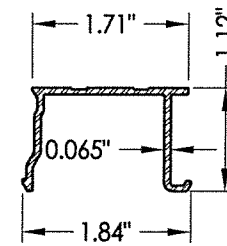
1 FRAME
8572-356-D60



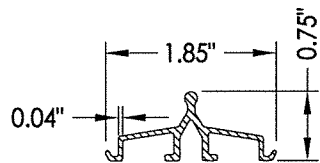
3 GLAZING BEAD
R1994



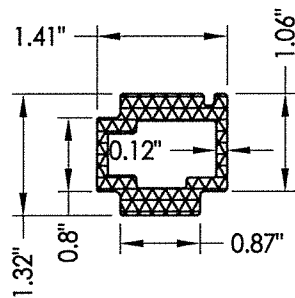
4 **FRAME CAP**
8571-356-D58



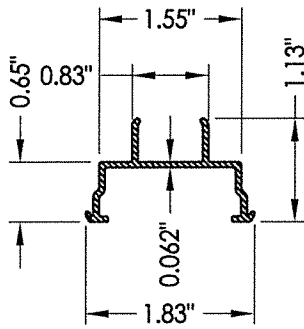
6 SILL CAP
356-A51-52-COV



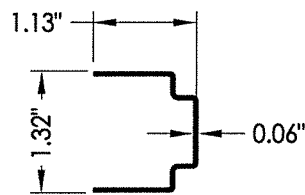
12 ROLLER TRACK
356-A51-52-TRK



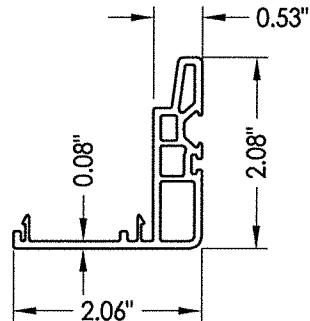
39 REINFORCEMENT
356-A1552



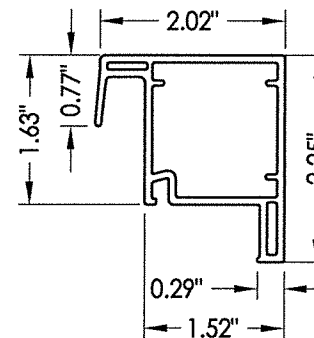
11 **FIXED TRACK**
356-A65



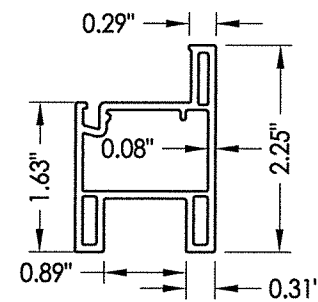
18 LOCK STILE STIFFENER
356-S1552-LR



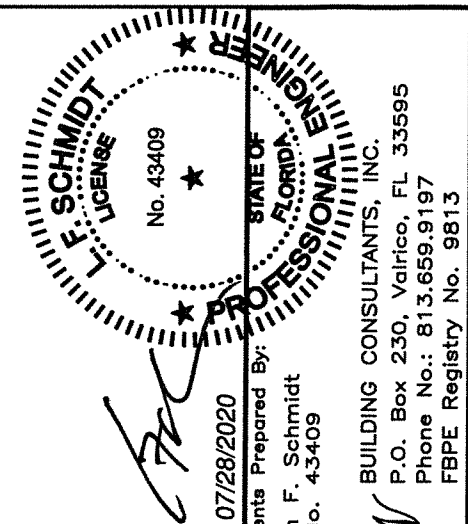
5 **SNAP-ON INTERLOCK**
R1556



10 MEETING RAIL
R1554



7 TOP AND BOTTOM RAIL
R1553



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

PRODUCT: DOERS

PART OR ASSEMBLY:
**BILL OF MATERIALS, COMPONENTS
AND GLAZING DETAIL**

NO.	DATE	REVISIONS
1	10/05/17	UPDATE TO 6TH ED.
2	01/12/18	ADD STEEL STUD ANCH
3	17/02/20	UPDATE TO 7TH ED.

DATE: 10/20/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15450.8

SHEET 6 OF 6