

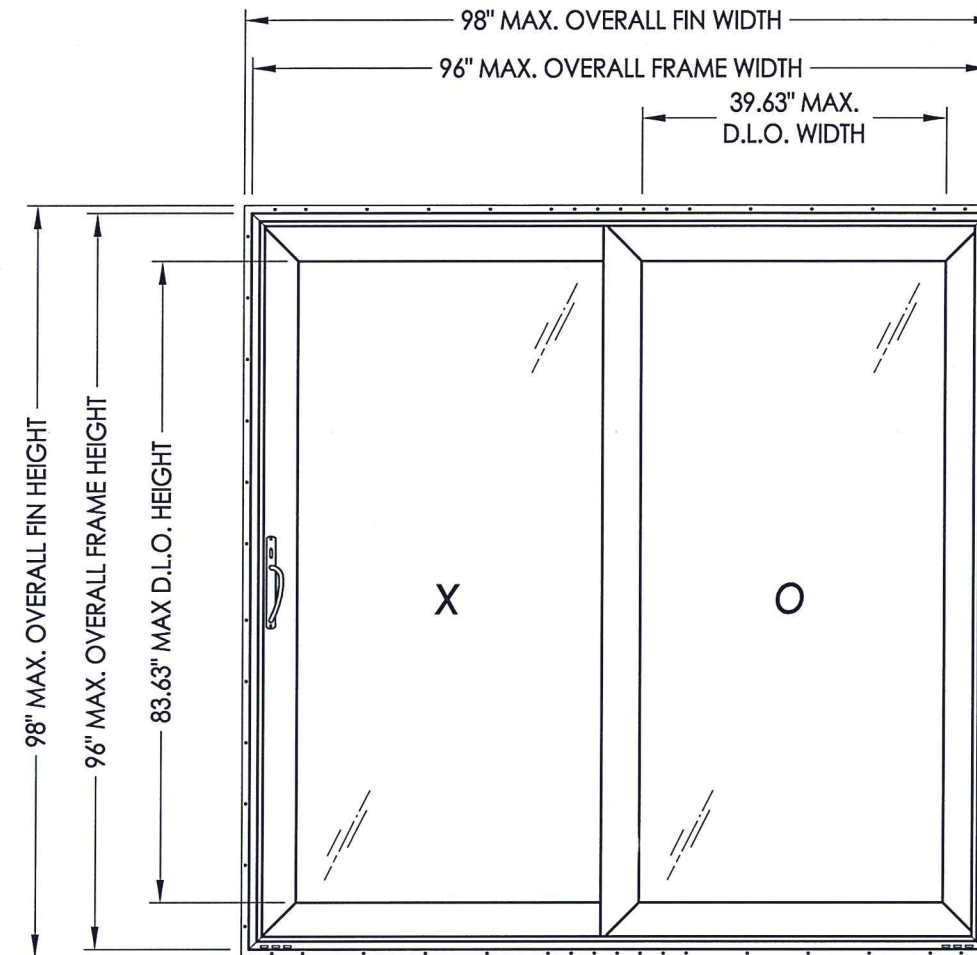


6000 Series Model 6200
with Nail Fin
Sliding Patio Door
"NON-IMPACT"

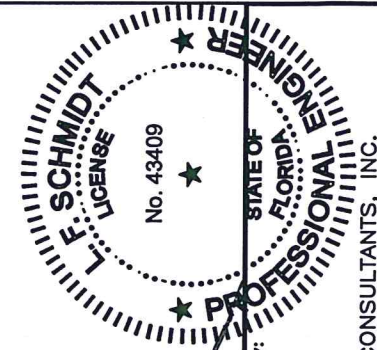
GENERAL NOTES

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. 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	Horizontal and Vertical cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Bill of materials, glazing detail and components



MAX OVERALL FIN DIMENSION	MAX OVERALL FRAME DIMENSION	MAX D.L.O. DIMENSION	INTERLOCK	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
98.0" X 98.0"	96.0" X 96.0"	39.63" X 83.63"	PVC	G1	+30.0	-30.0
			ALUM	G1	+40.0	-45.0



07/28/2020
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

PRODUCT: Doers

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

[illegible]

DATE: 8/15/18

SCALE: N.T.S.

DWG. BY: JK

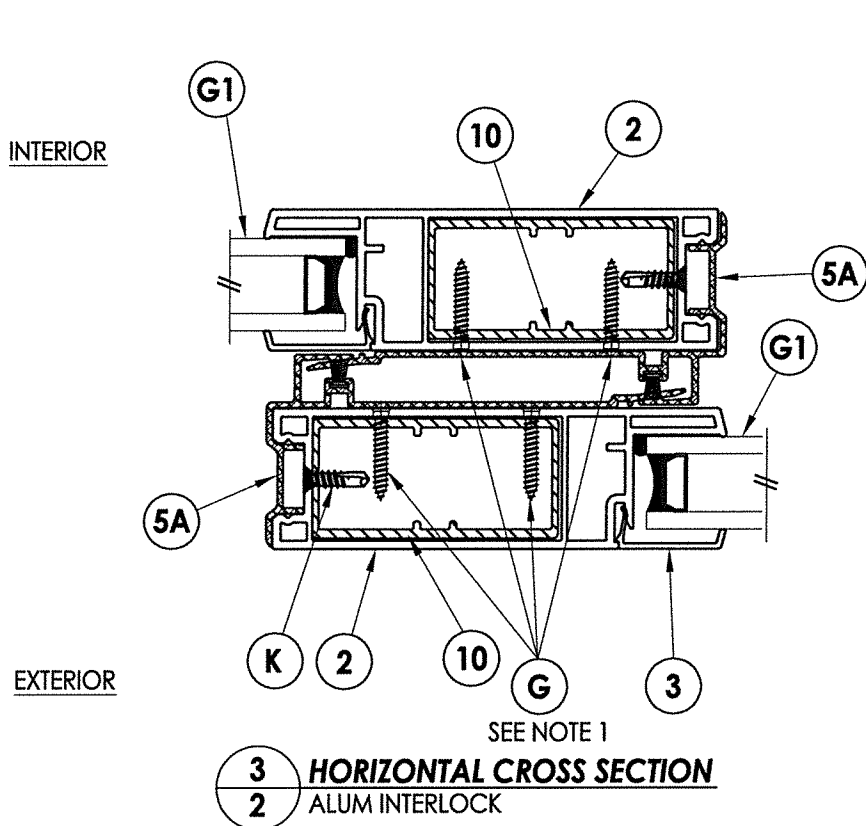
CHK. BY: LFS

DRAWING NO.:	
--------------	--

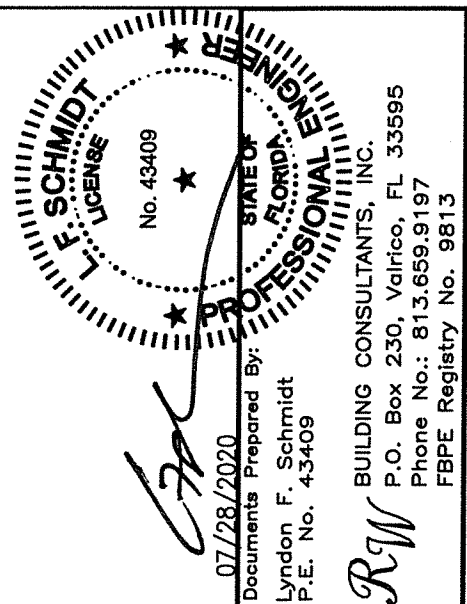
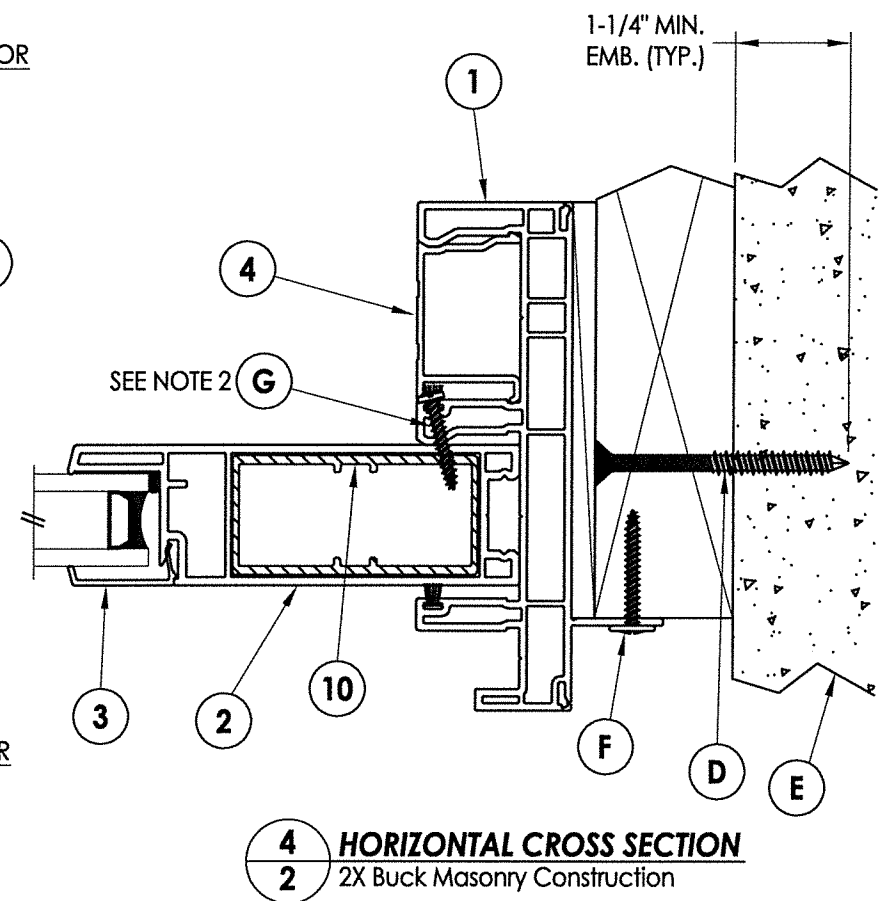
FL-15450.17

SHEET 1 OF 6

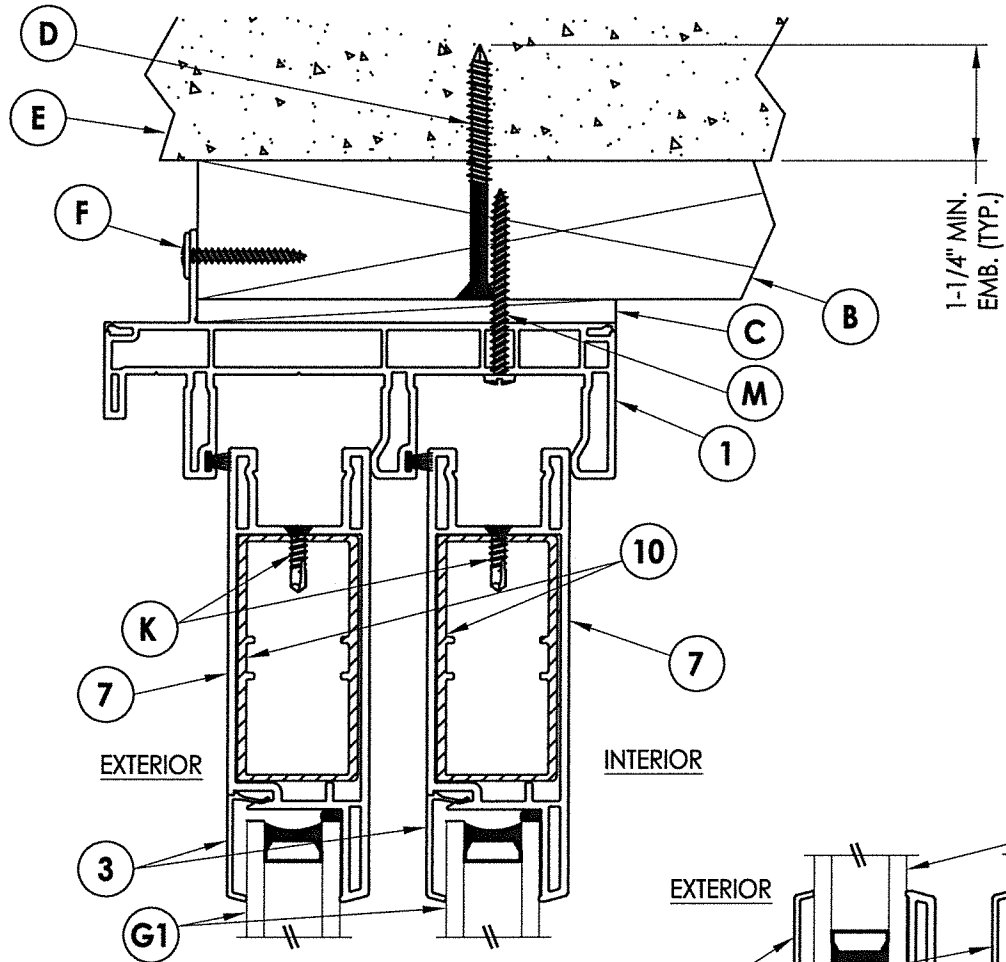
©2018 K.W. BUILDING CONSULTANTS INC.



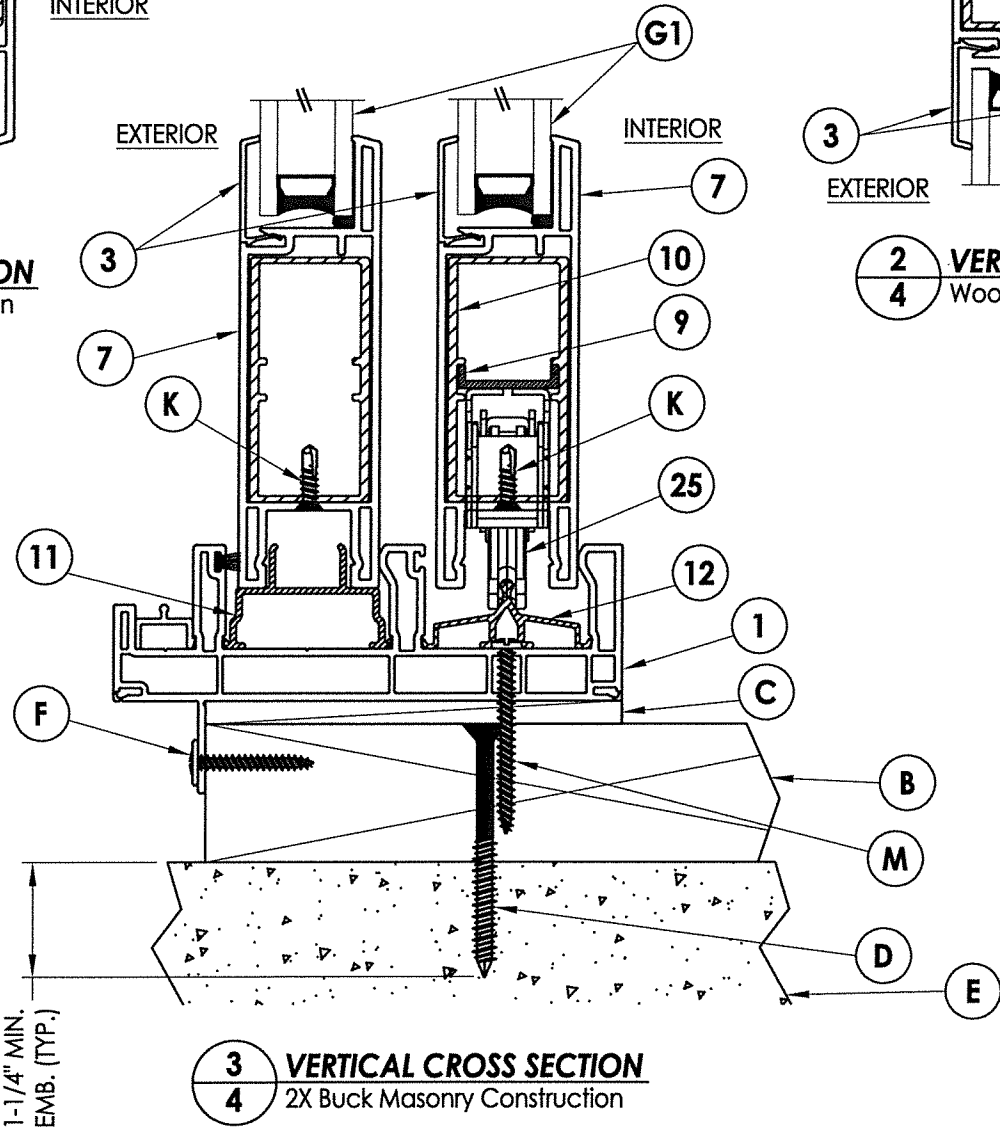
1. Item G, spaced 3" from each end and 7 more equally spaced (9 total).
2. Fixed panel secured to frame with item G, 6" from each end and 6 more equally spaced (8 total).

[illegible]

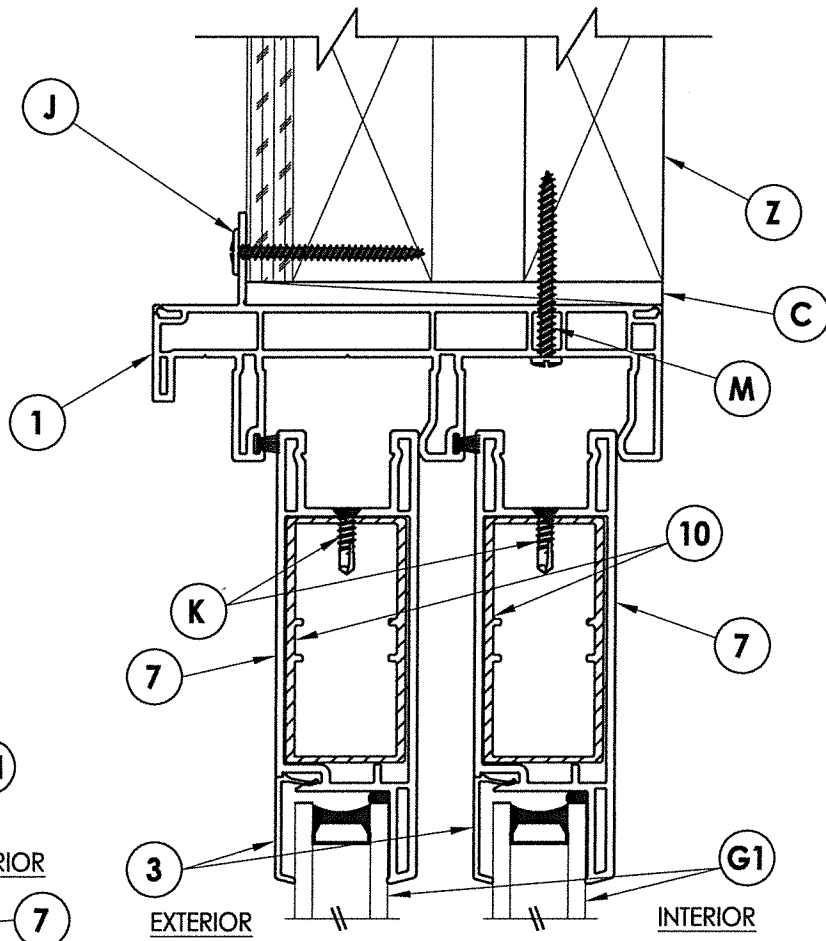
\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.17.dwg



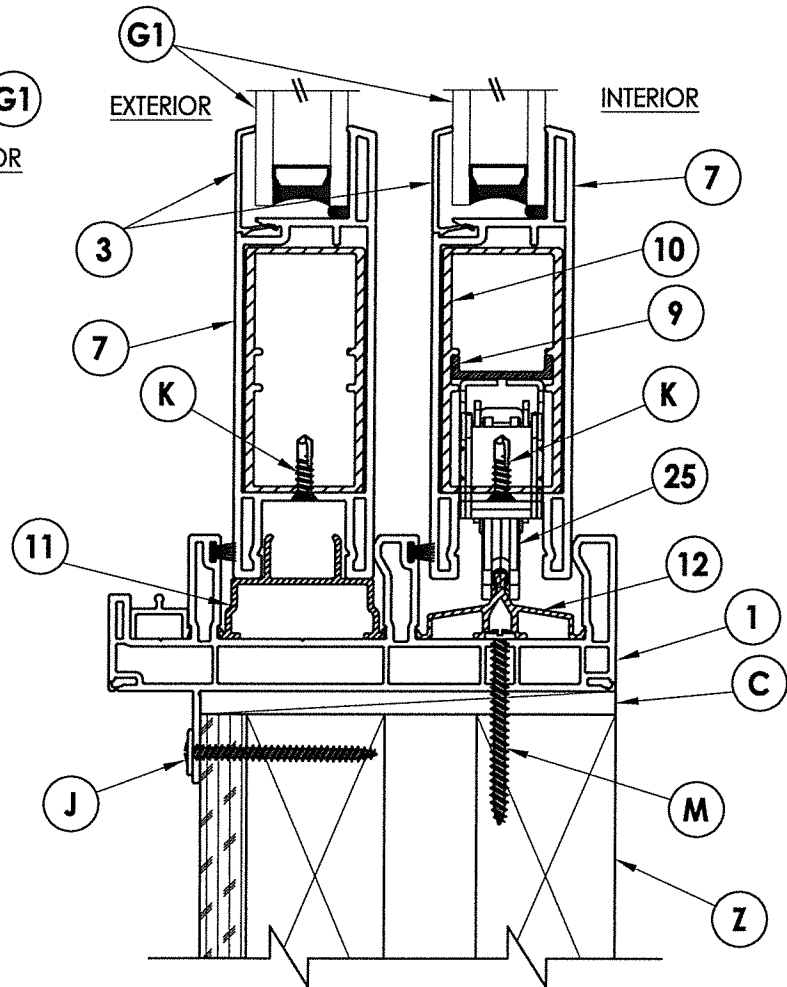
1
4 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction



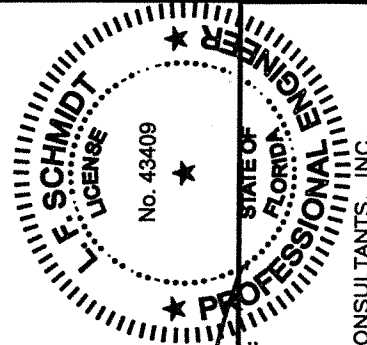
3
4 **VERTICAL CROSS SECTION**
2X Buck Masonry Construction



2
4 **VERTICAL CROSS SECTION**
Wood Stud Construction

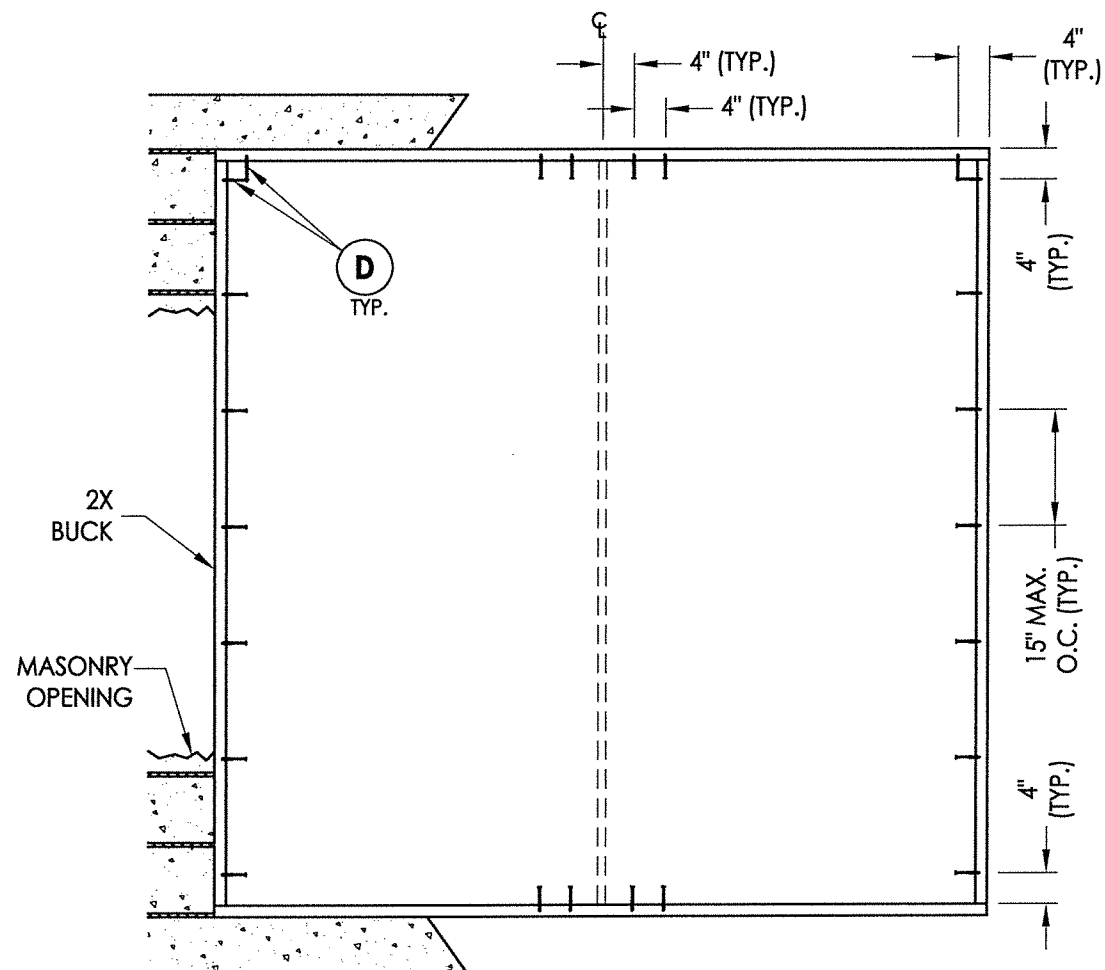


4
4 **VERTICAL CROSS SECTION**
Wood Stud Construction



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: Doers		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
		REVISIONS	
		DATE	BY
		1 7/28/20	DAC
		UPDATE TO 7th ED. (2020) FBC	
		DATE	BY
		8/15/18	JK
		N.T.S.	
		CHK. BY: LFS	
		DRAWING NO.: FL-15450.17	
		SHEET 4 OF 6	



2X BUCK ANCHORING

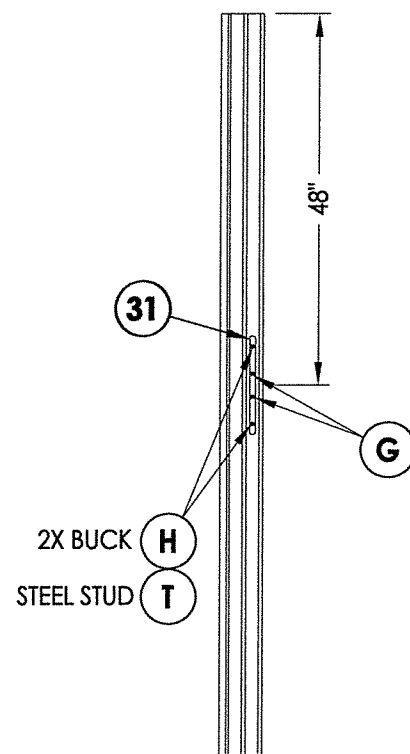
CONCRETE ANCHOR NOTES:

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:

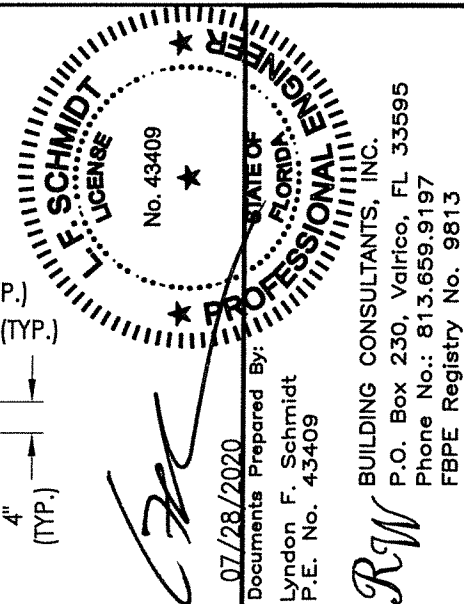
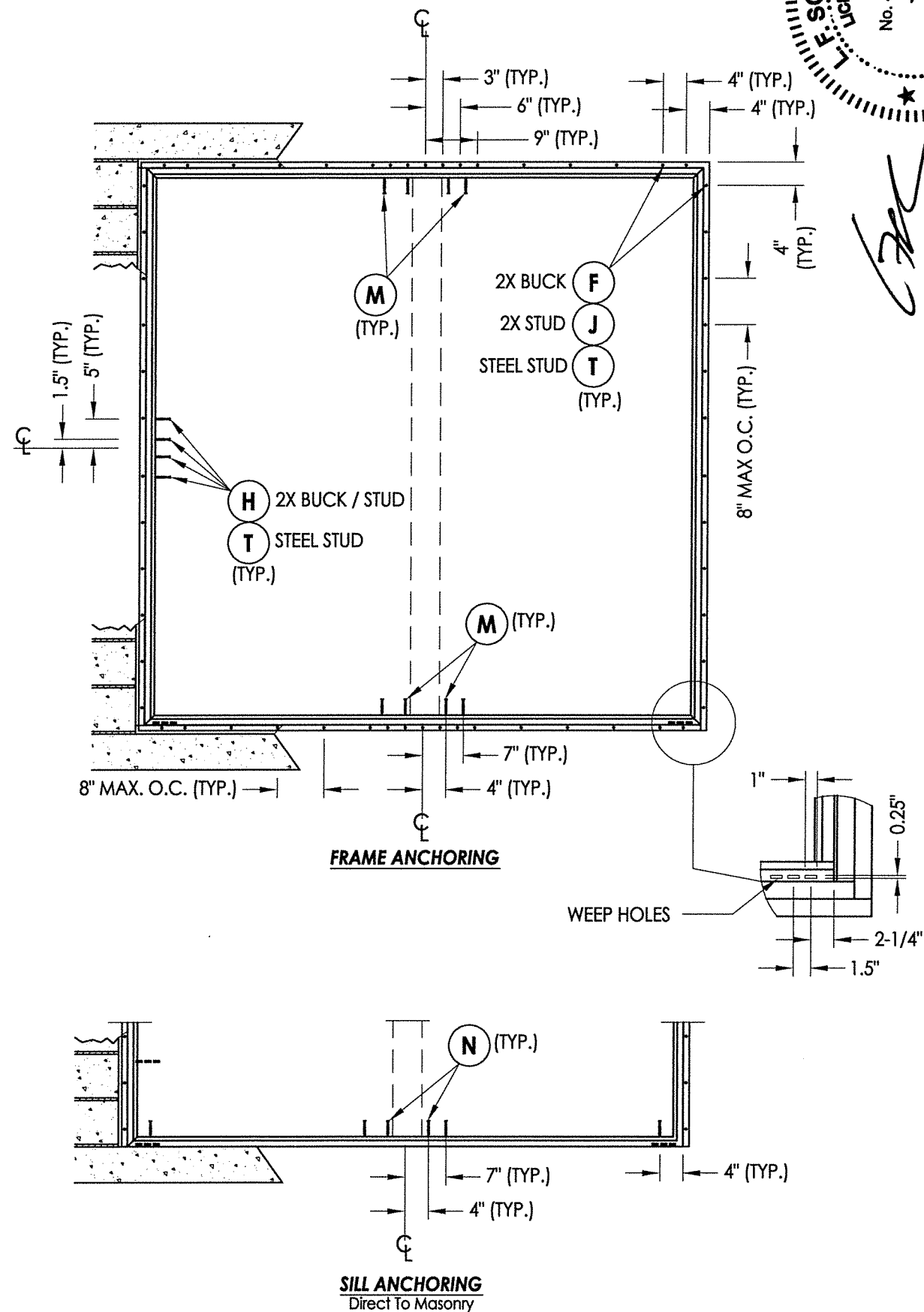
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRAON®	1/4"	1-1/4"	1"	4"

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.



JAMB TRACKS

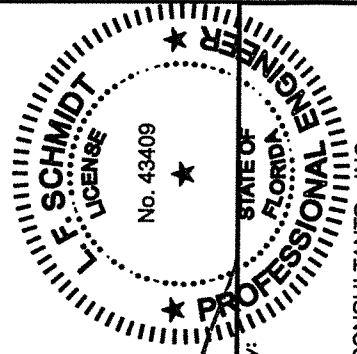
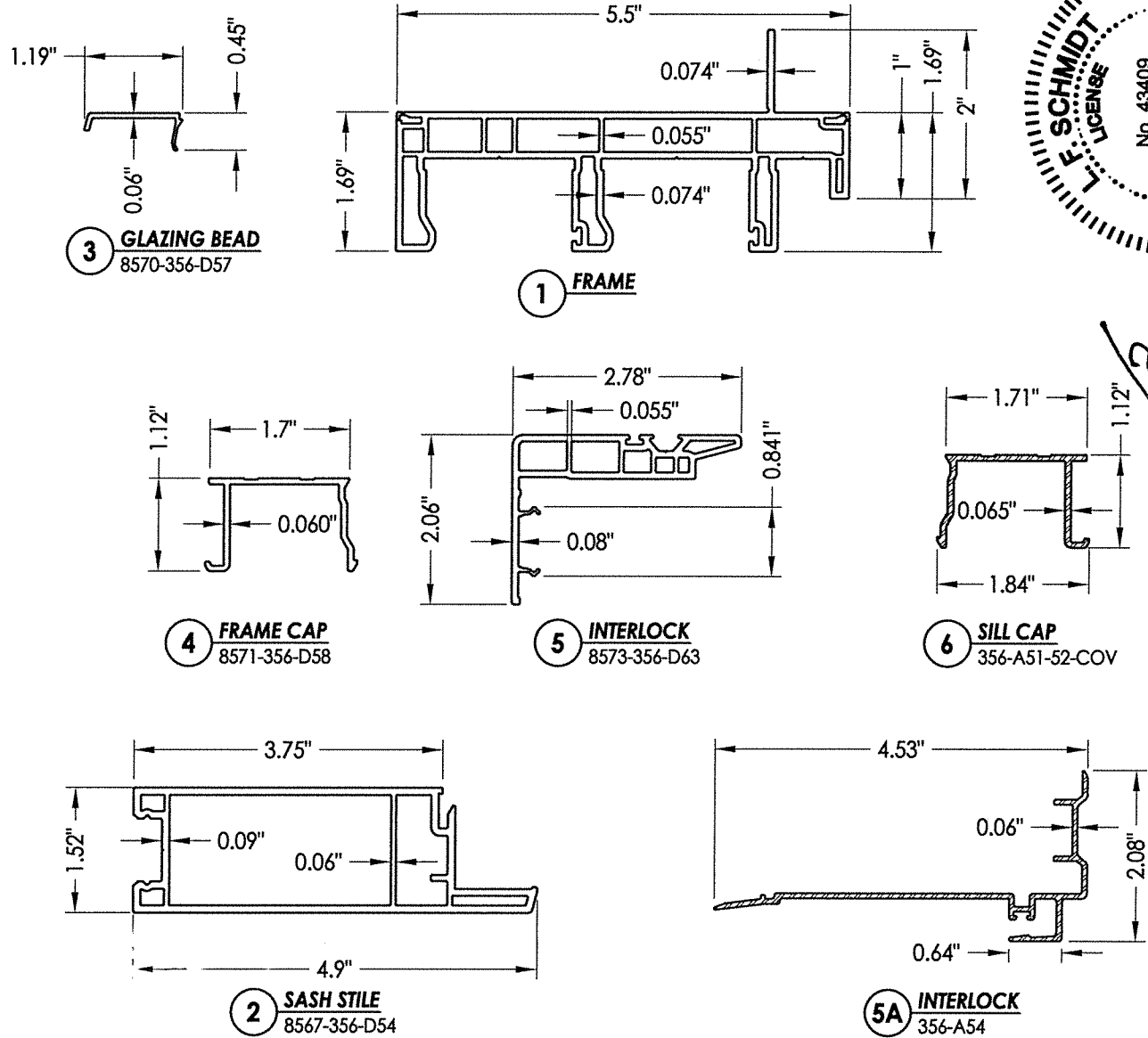
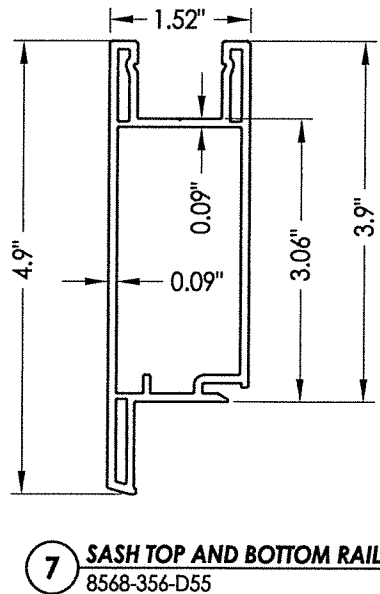
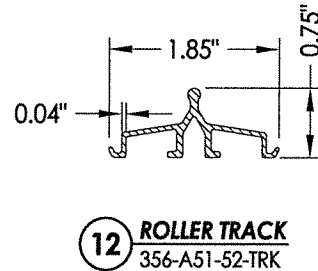
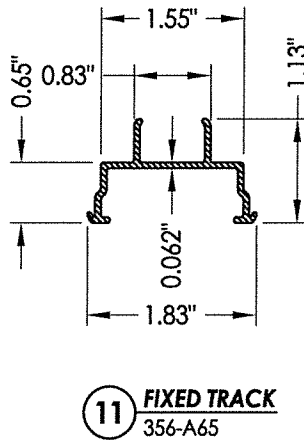
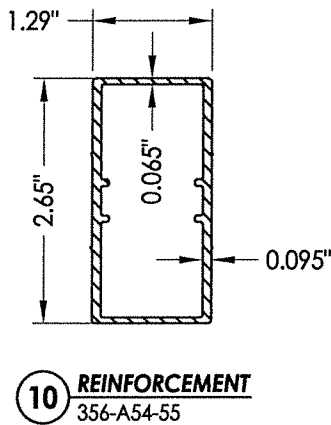
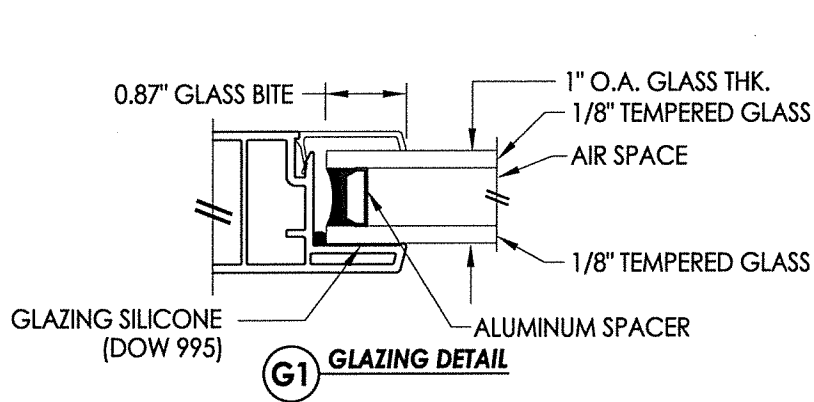


DATE: 8/15/18		PRODUCT: Doers	
SCALE: N.T.S.		PART OR ASSEMBLY: BUCK AND FRAME ANCHORING	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15450.17			
SHEET 5 OF 6		REVISIONS	

\\dc01\rbw\clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.17.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	#8 X 1-5/8" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	#8 X 1" PFH SMS	STEEL
H	#10 X 2-1/2" PFH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
J	#8 X 2" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-3/16" MIN. EMBEDMENT)	STEEL
K	#6 X 3/4" PPH SMS	STEEL
M	#10 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
N	1/4" X 2-1/4" 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
Z	2X STUD SG >= 0.42	WOOD
1	FRAME (FIN)*	PVC
2	SASH STILE*	PVC
3	GLAZING BEAD*	PVC
4	FRAME CAP*	PVC
5	INTERLOCK*	PVC
5A	INTERLOCK (6063-T5 ALUM)	ALUM
6	SILL CAP (6063-T5 ALUM)	ALUM
7	SASH TOP AND BOTTOM RAIL*	PVC
8	SASH SUPPORT (6063-T5 ALUM)	ALUM
9	ROLLER SUPPORT (6063-T5 ALUM)	ALUM
10	REINFORCEMENT (6065-T5 ALUM)	ALUM
11	FIXED TRACK (6065-T5 ALUM)	ALUM
12	SILL ROLLER TRACK (6063-T5 ALUM)	ALUM
25	ROLLER ASSM.	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".



07/28/2020
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

RW

PRODUCT: Doors
PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

NO.	DATE	BY	DATE
1	7/28/20	JK	7/28/20
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

DATE: 8/15/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15450.17
SHEET 6 OF 6

© 2018 R.W. BUILDING CONSULTANTS INC.