

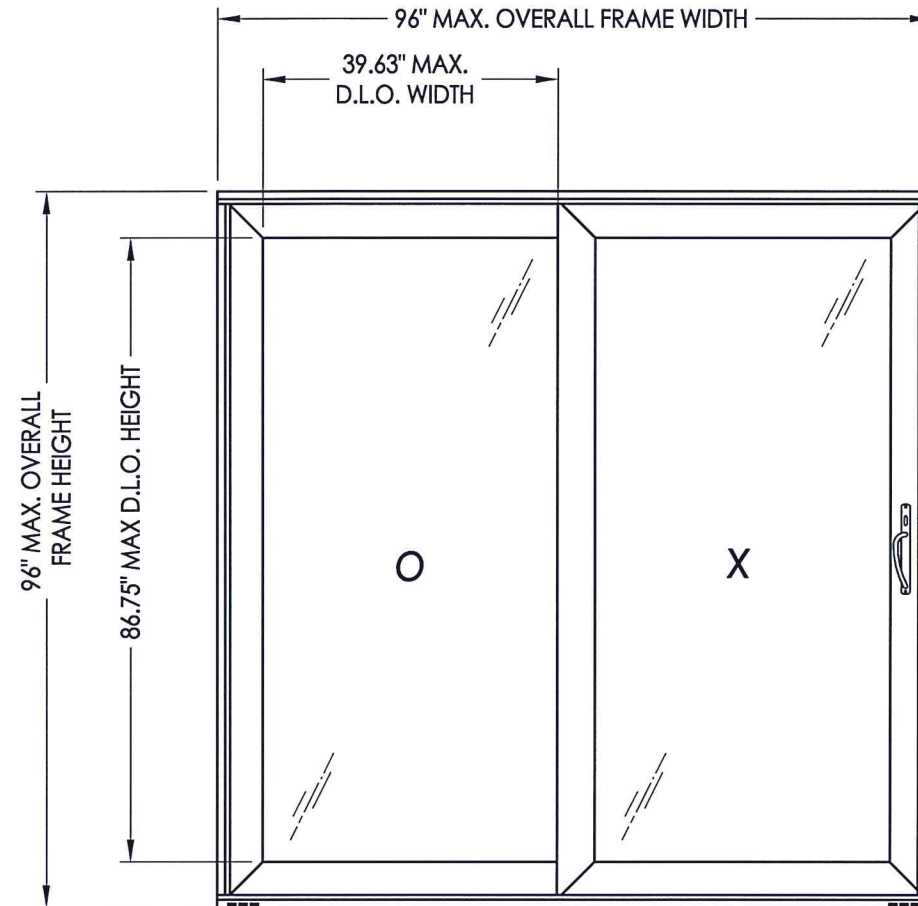
**Doers Window  
MANUFACTURING**  
4901 Oak Fair Blvd., Tampa, FL 33610

# 6000 Series Model 6250 Sliding Patio Door "IMPACT"

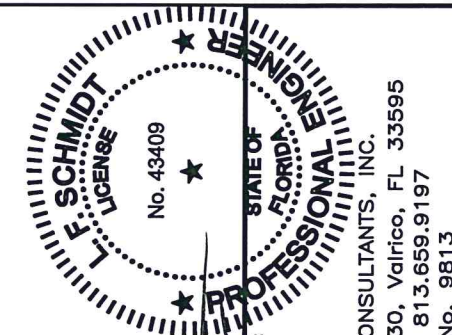
## GENERAL NOTES

1. This product anchoring drawing has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications & ratings.
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 Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
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	Horizontal cross sections
3	Vertical cross sections
4	Buck and frame anchoring
5	Bill of materials, glazing detail and components



MAX FRAME DIMENSION	MAX D.L.O. DIMENSION	INTERLOCK	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
96.0" X 96.0"	39.63" X 86.75"	ALUM	G1	+50.0	-55.0



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

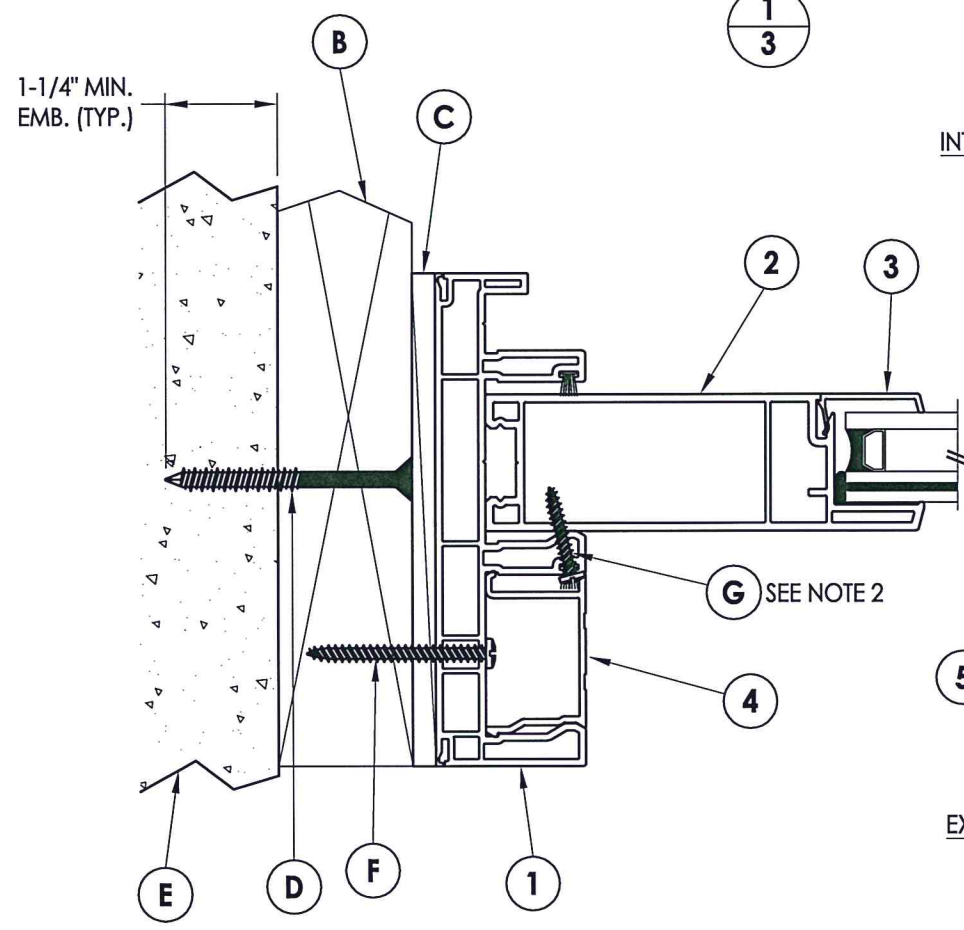
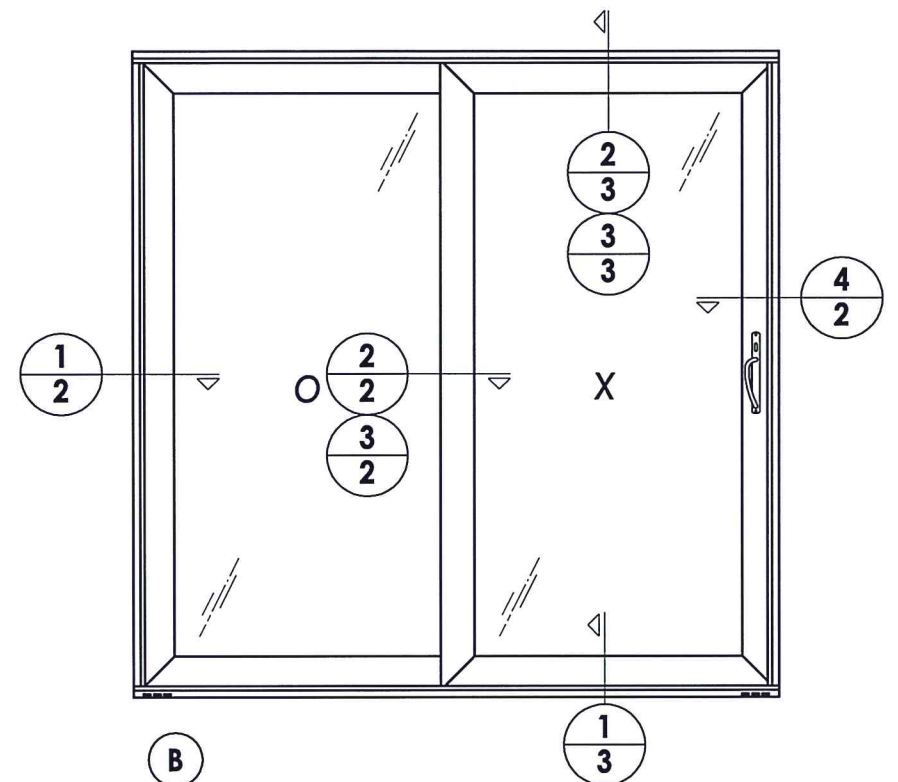
*R.W.* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT: Doers

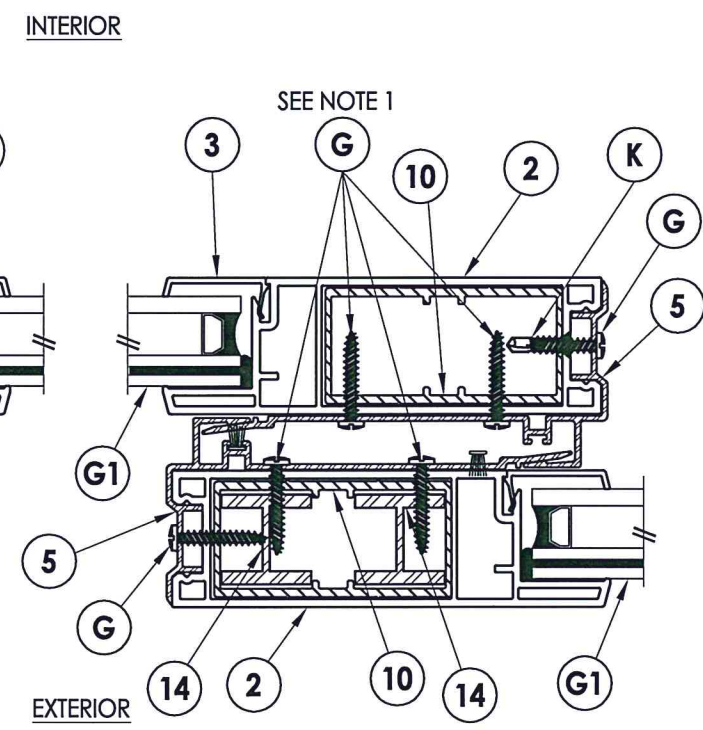
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

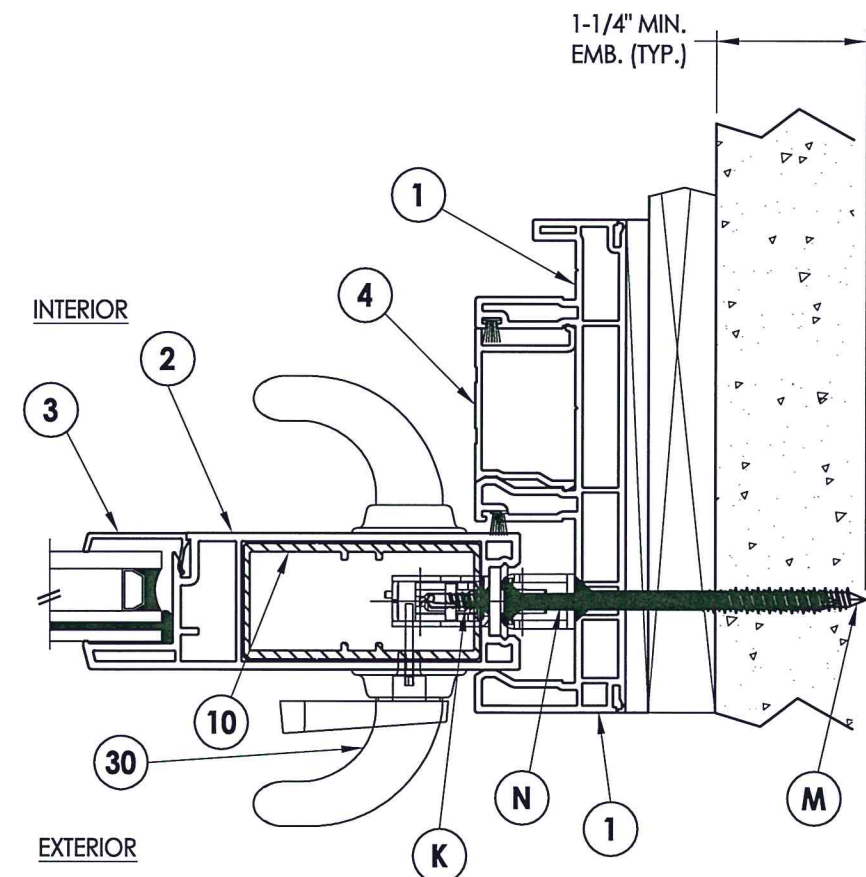
DATE: 6/15/15  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15450.2  
SHEET 1 OF 5



**1 HORIZONTAL CROSS SECTION**  
**2** 2X Buck Masonry Construction

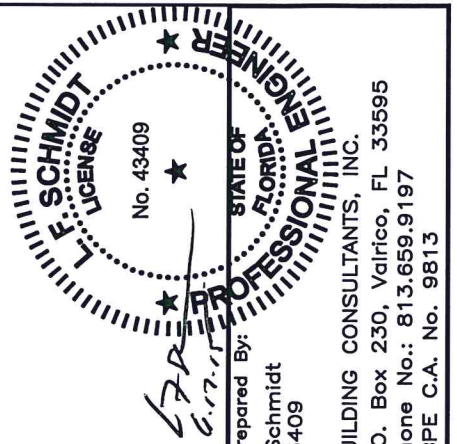


**2 HORIZONTAL CROSS SECTION**  
**2** ALUM INTERLOCK



**3 HORIZONTAL CROSS SECTION**  
**2** 1X Buck Masonry Construction

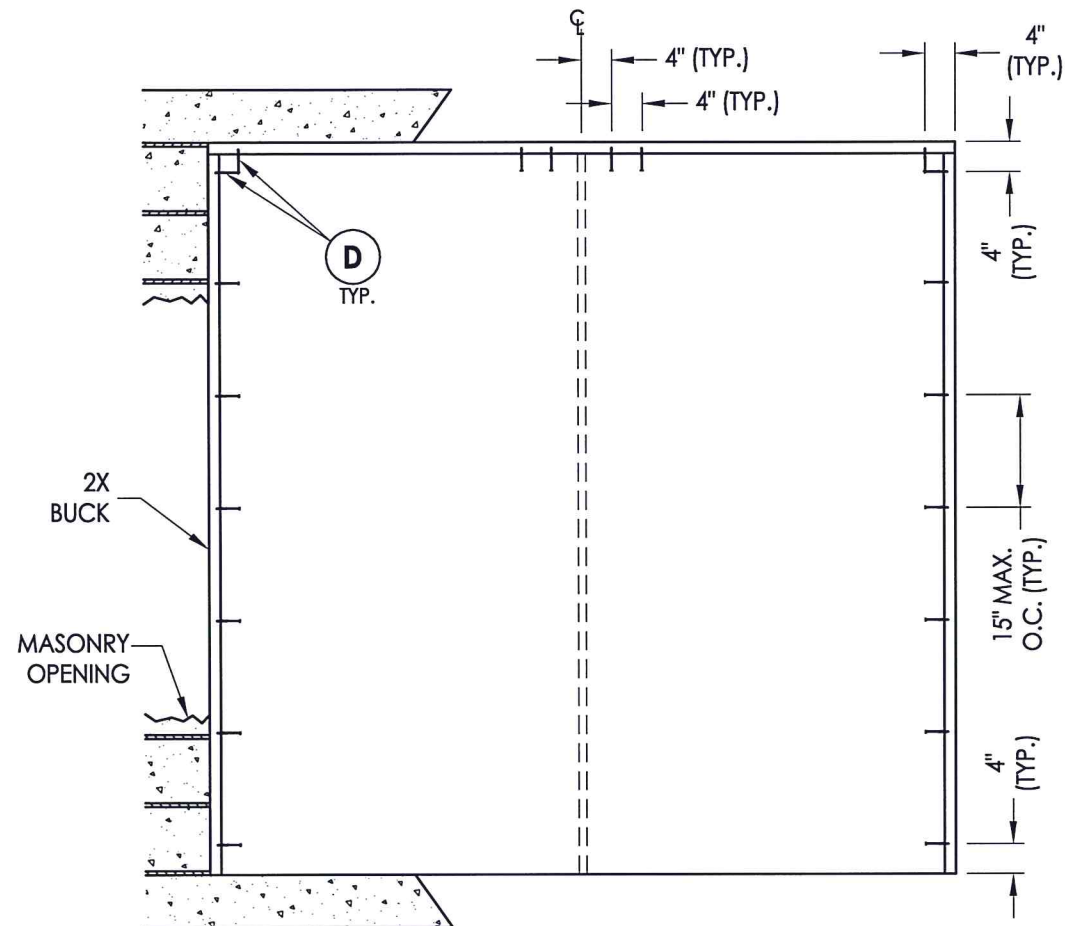
NOTE:  
 1. Item G, spaced 3" from each end and 6 more equally spaced (8 total).  
 2. Fixed panel secured to frame with item G, 8" from each end and 2 more equally spaced (4 total).



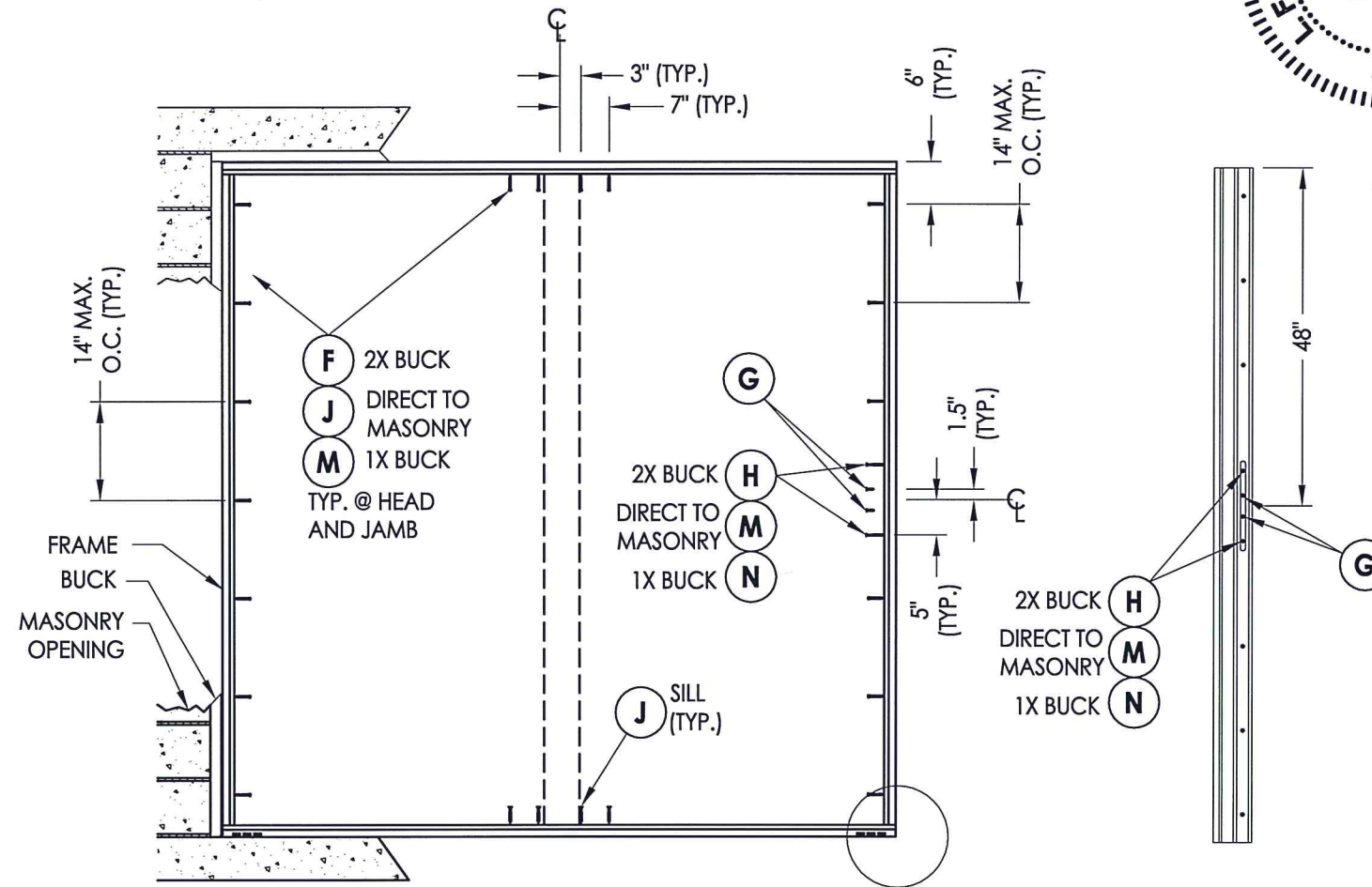
Documents Prepared By:  
 Lyndon F. Schmidt  
 P.E. No. 43409  
 R.W. BUILDING CONSULTANTS, INC.  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

PRODUCT: Doers	
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
NO.	DATE
BY	REVISIONS
DATE: 6/15/15	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15450.2	
SHEET 2 OF 5	



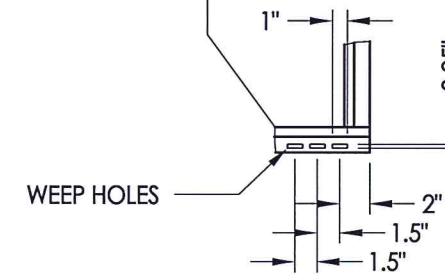


**2X BUCK ANCHORING**



**FRAME ANCHORING**

**JAMB TRACKS**



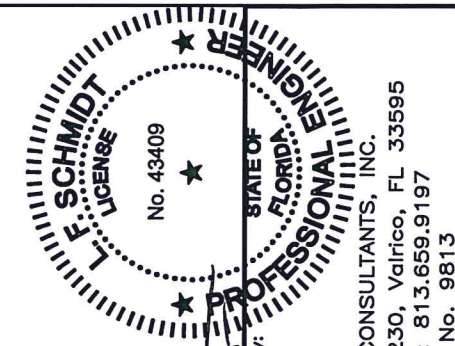
**CONCRETE ANCHOR NOTES:**

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.



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 C.A. No. 9813

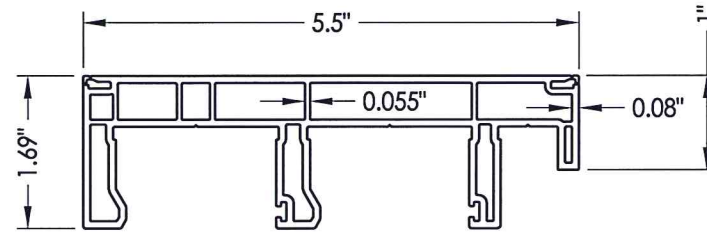
PRODUCT: Doers  
 PART OR ASSEMBLY: BUCK AND FRAME ANCHORING

NO.	DATE	BY

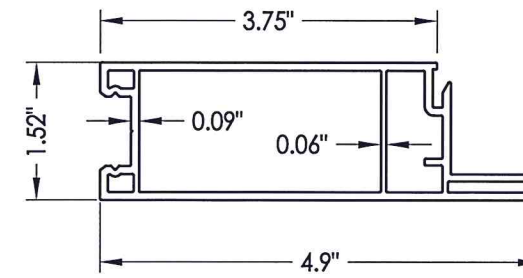
DATE: 6/15/15  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-15450.2  
 SHEET 4 OF 5

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 - 3,192 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" PPH SMS	STEEL
H	#10 X 2-1/2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
K	#6 X 3/4" PPH SMS	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
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
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
14	REINFORCEMENT (6065-T5 ALUM)	ALUM
25	ROLLER ASSM.	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-

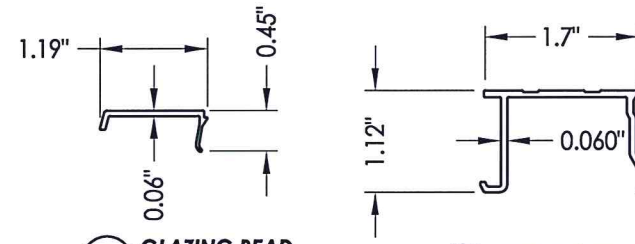
\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



**1 FRAME**  
8572-356-D60

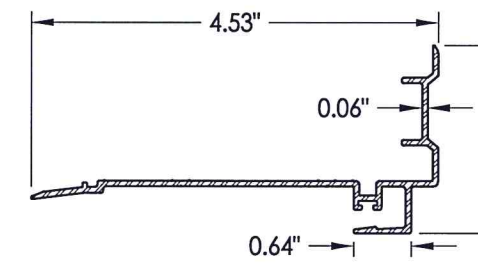


**2 SASH STILE**  
8567-356-D54

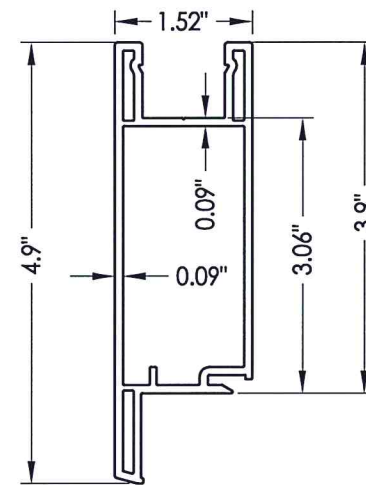


**3 GLAZING BEAD**  
8570-356-D57

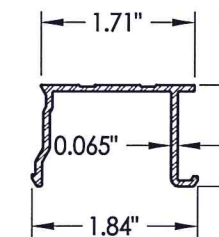
**4 FRAME CAP**  
8571-356-D58



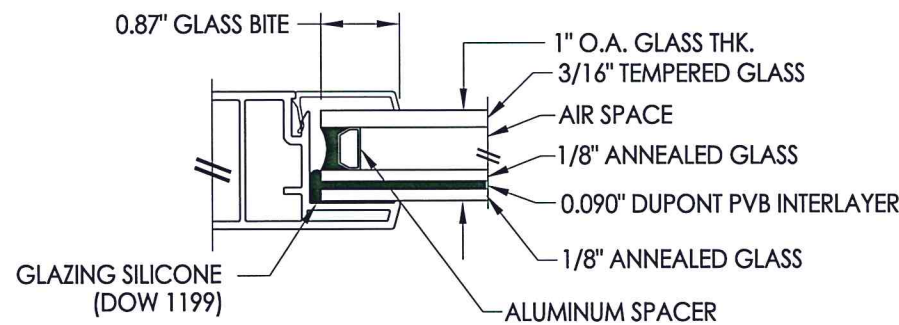
**5 INTERLOCK**  
356-A54



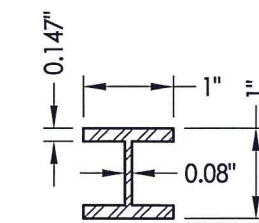
**7 SASH TOP AND BOTTOM RAIL**  
8568-356-D55



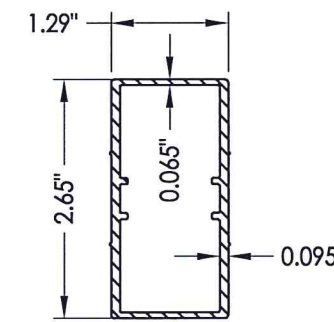
**6 SILL CAP**  
356-A51-52-COV



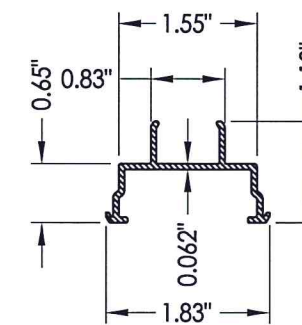
**G1 GLAZING DETAIL**



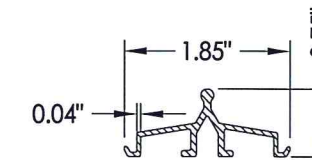
**14 REINFORCEMENT**



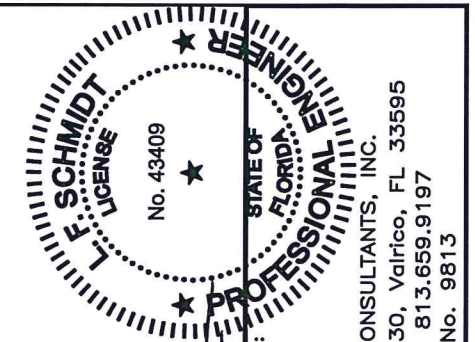
**10 REINFORCEMENT**  
356-A54-55



**11 FIXED TRACK**  
356-A65



**12 ROLLER TRACK**  
356-A51-52-TRK



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

**R.W. BUILDING CONSULTANTS, INC.**  
P.O. Box 230, Vairico, FL 33595  
Phone No.: 813.659.9197  
FBPE C.A. No. 9813

PRODUCT: Doers

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

NO.	DATE	BY

DATE: 6/15/15  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15450.2  
SHEET 5 OF 5