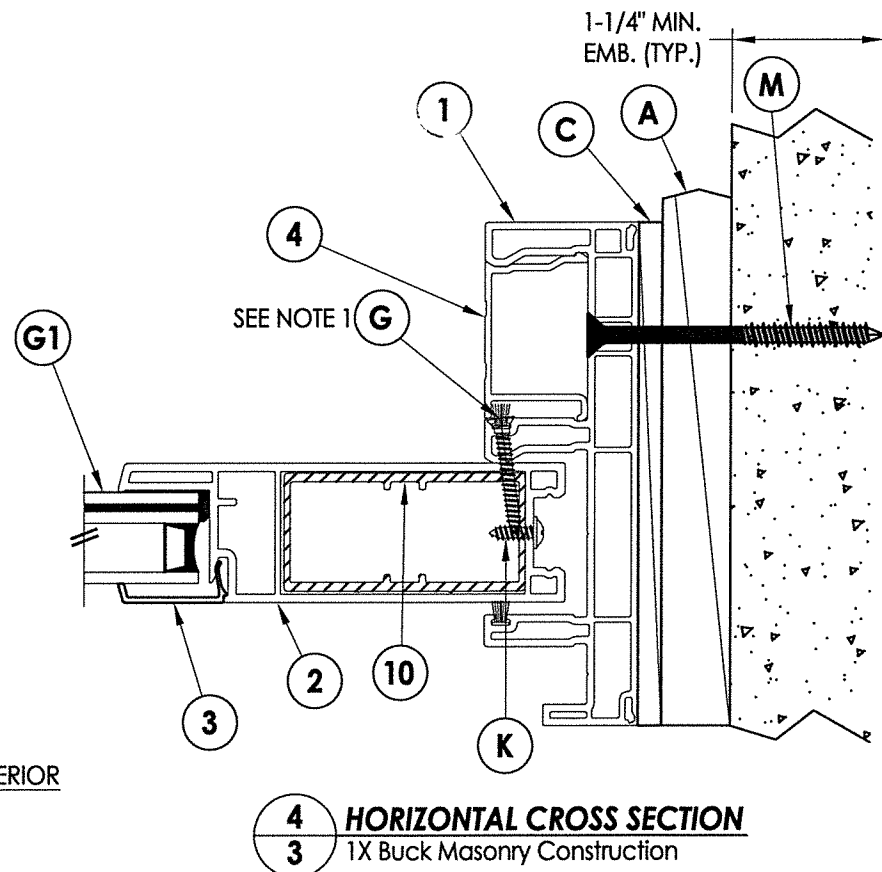
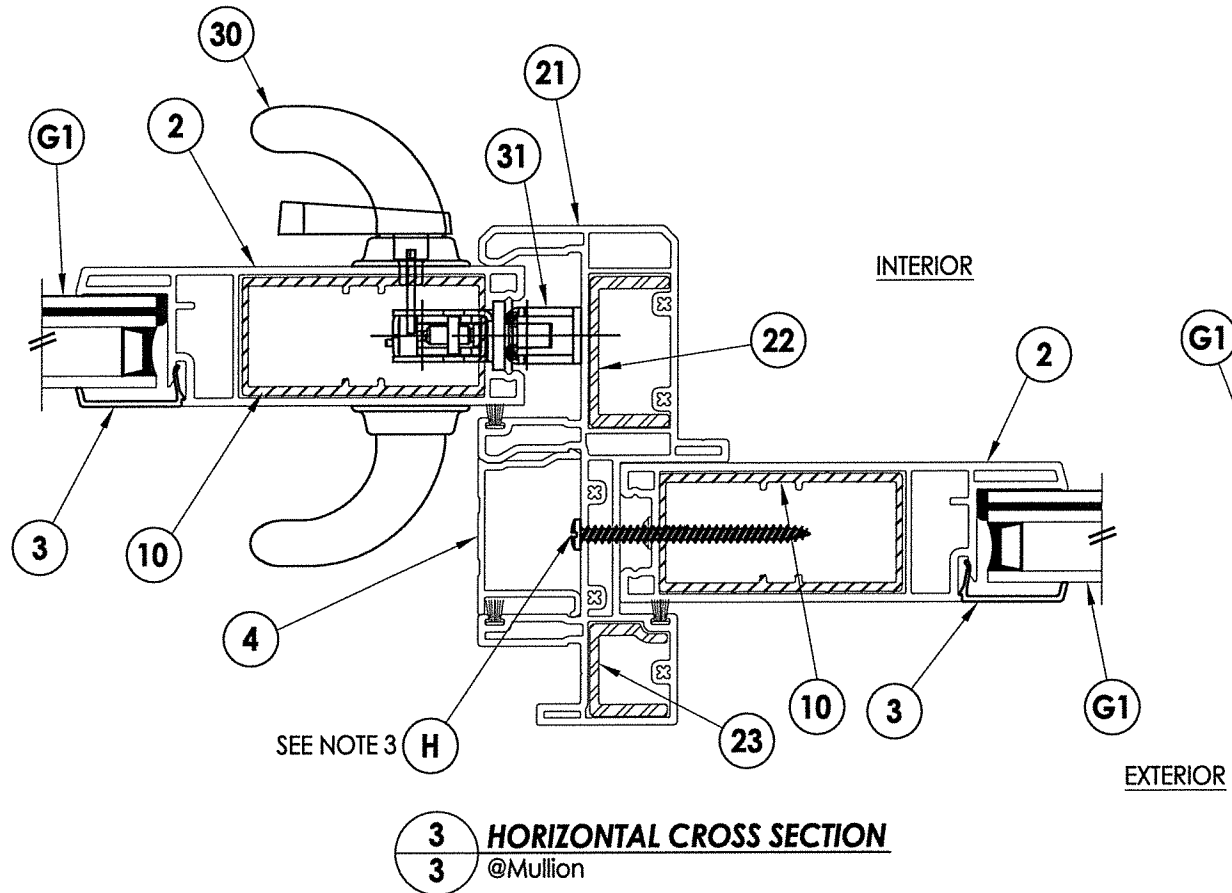
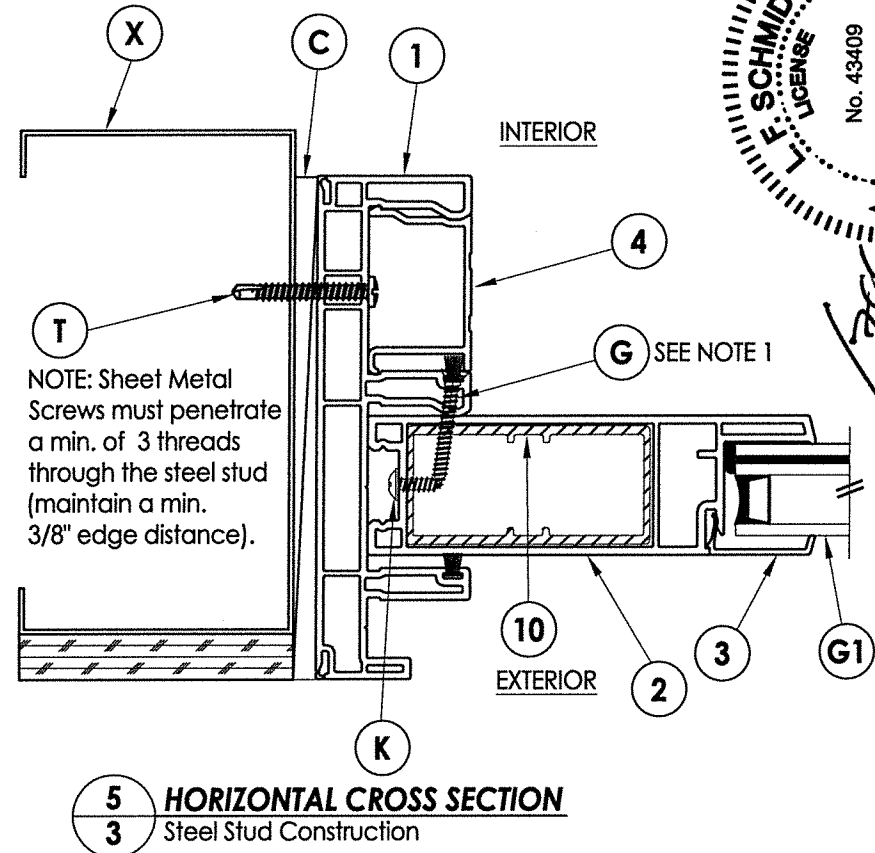
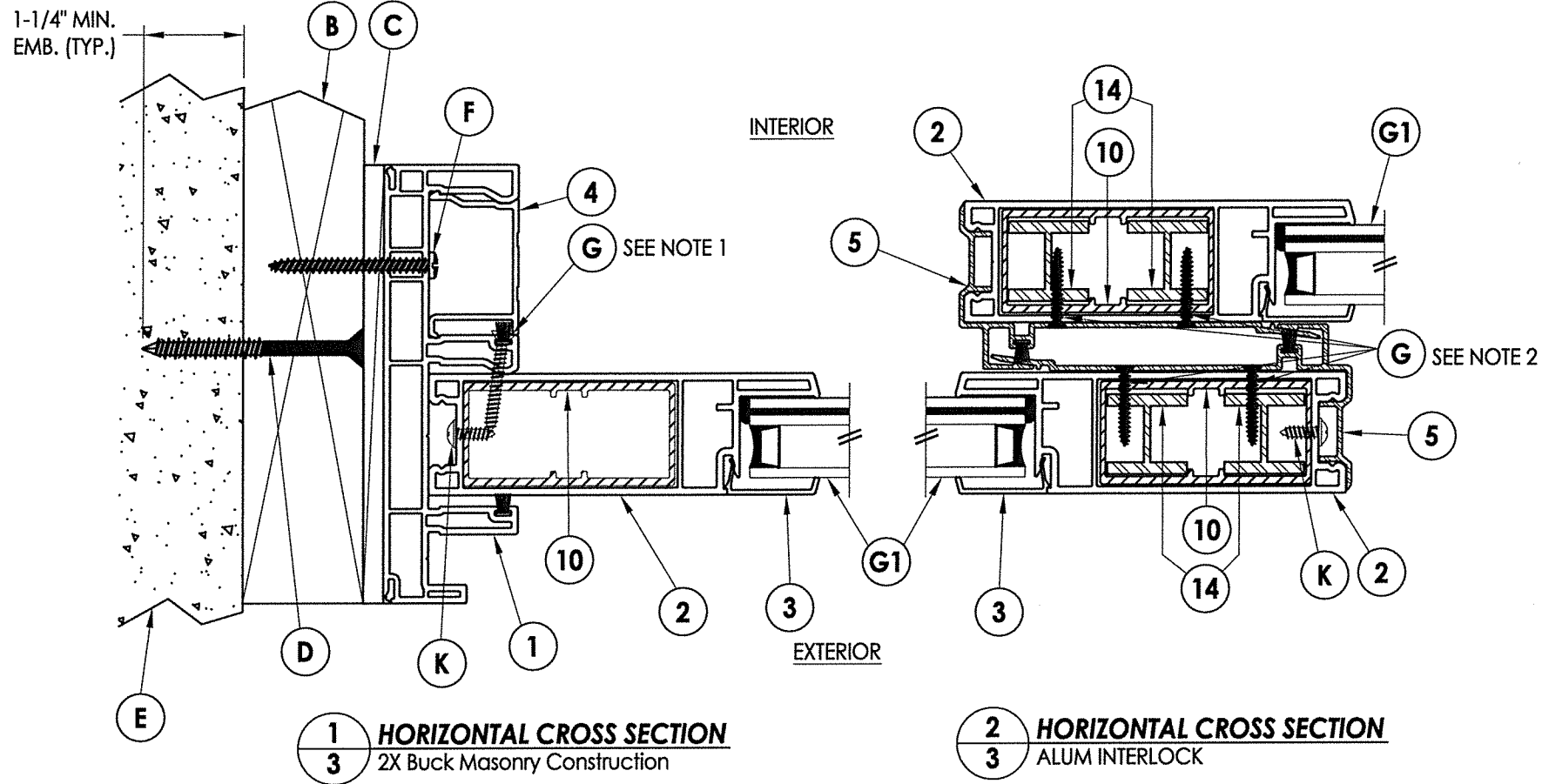




\\dc01\rvbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.6.dwg



07/28/2020

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

STATE OF FLORIDA PROFESSIONAL ENGINEER

No. 43409

LE SCHMIDT LICENSE

PRODUCT: Doers

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
3	7/28/20	UPDATE TO 7TH ED. (2020) FBC
2	01/12/18	ADD STEEL STUD ANCHORING
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 6/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15450.6

SHEET 3 OF 7

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

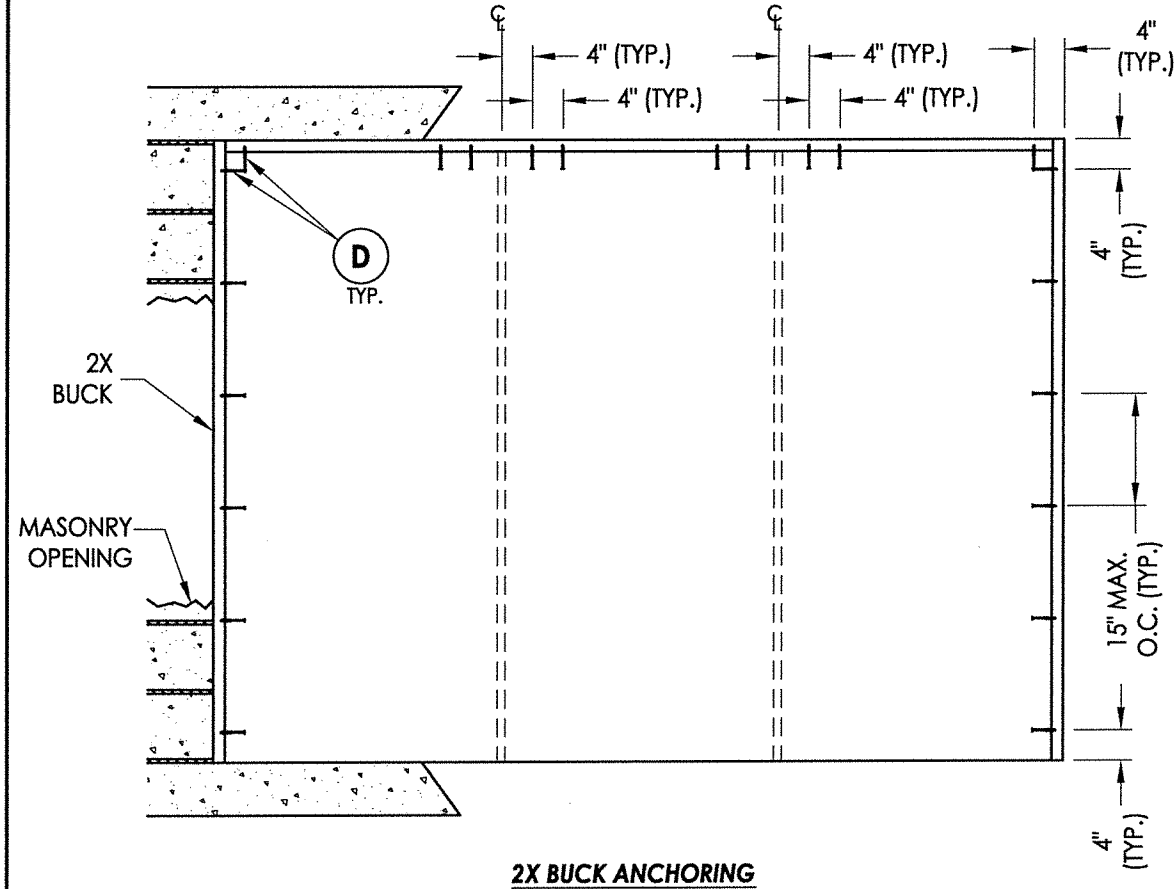
FBPE Registry No. 9813

NOTE:

1. Item #G located 6" from each end then 4 more equally spaced (6) total.

2. Item #G located 3" from each end then 5 more equally spaced (7) total.

3. Item #H located 6" from each end then 12" on center (7) total.



2X BUCK ANCHORING

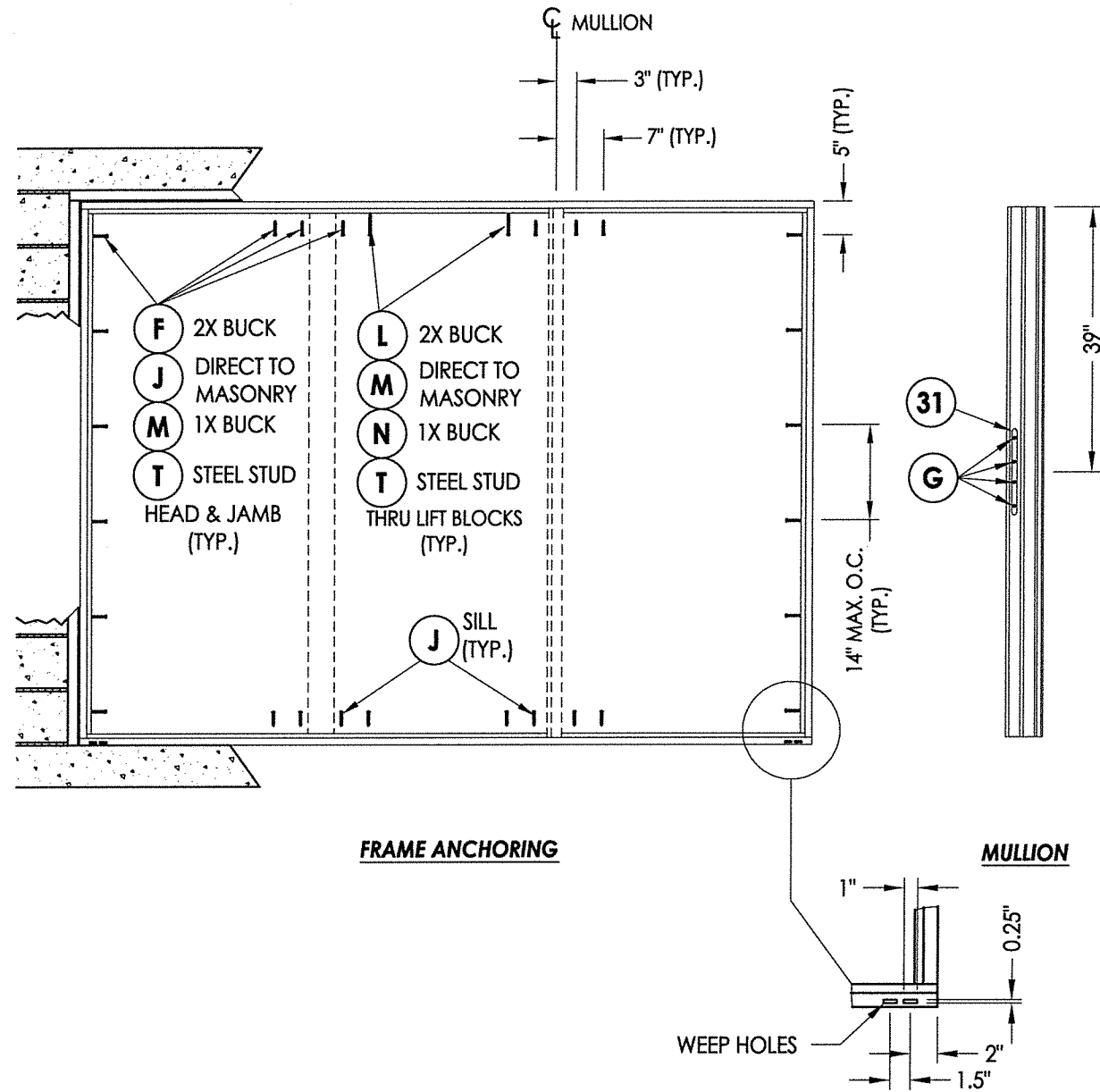
CONCRETE ANCHOR NOTES:

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 ULTRACON®	1/4"	1-1/4"	1"	4"

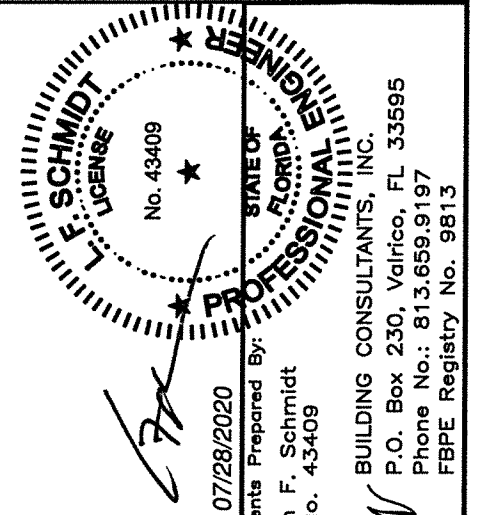
WOOD SCREW INSTALLATION NOTES:

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



FRAME ANCHORING

MULLION



07/28/2020

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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:

[illegible]

DATE: 6/10/16

SCALE: N.T.S.

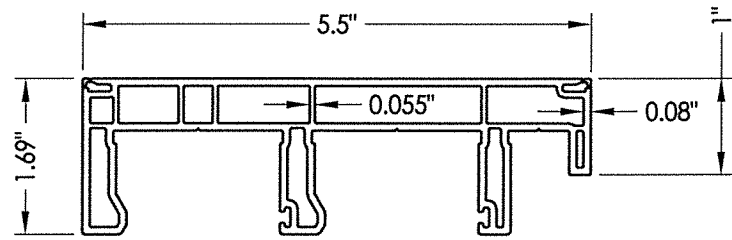
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CHK. BY: LFS

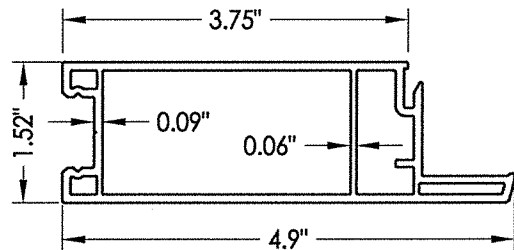
DRAWING NO.:

FL-15450.6

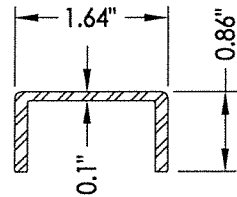
SHEET 5 OF 7



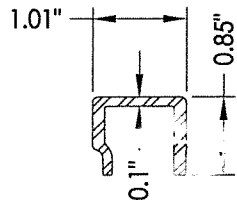
1 FRAME
8572-356-D60



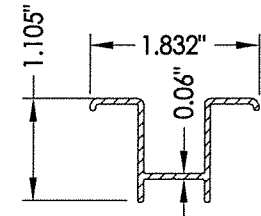
2 STILE
8567-356-D54



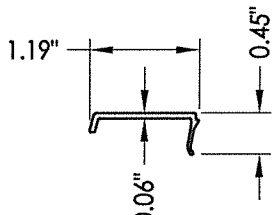
22 REINFORCEMENT
356-A61-A



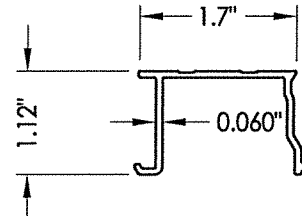
23 REINFORCEMENT
356-A61-B



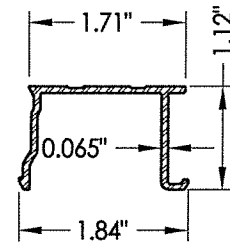
15 ANTI-LIFT-OUT BLOCKS
8570-356-D57



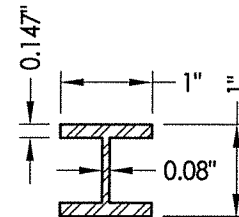
3 GLAZING BEAD
8571-356-D58



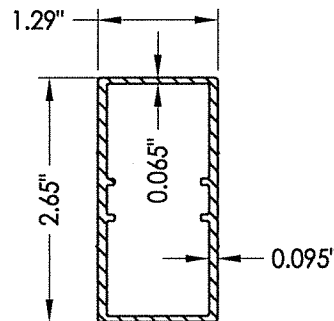
4 FRAME CAP
8571-356-D58



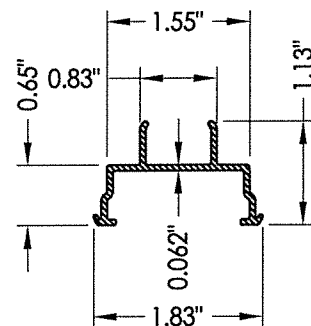
6 SILL CAP
356-A51-52-COV



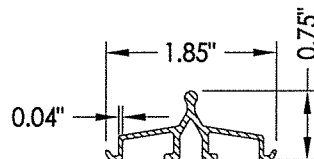
14 REINFORCEMENT
356-A51-52-TRK



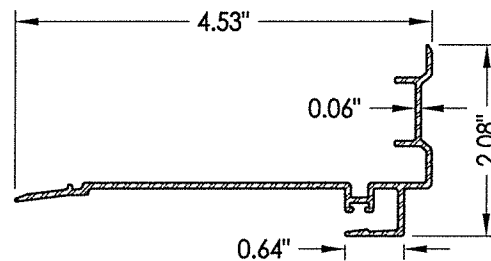
10 REINFORCEMENT
356-A54-55



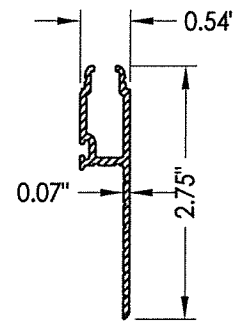
11 FIXED TRACK
356-A65



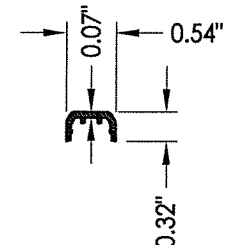
12 ROLLER TRACK
356-A51-52-TRK



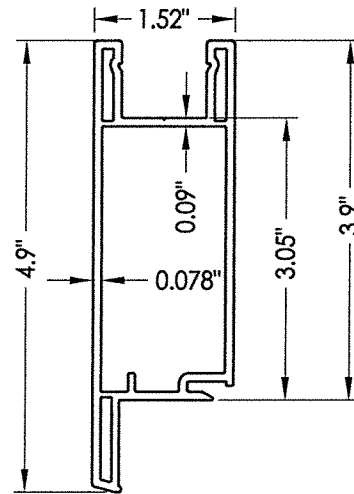
5 INTERLOCK
356-A54



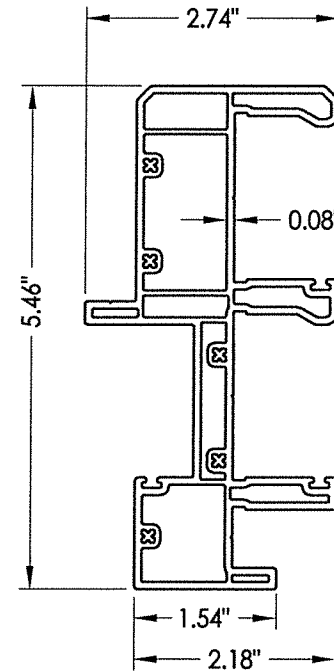
17 HIGH DAM
356-A51-DP70



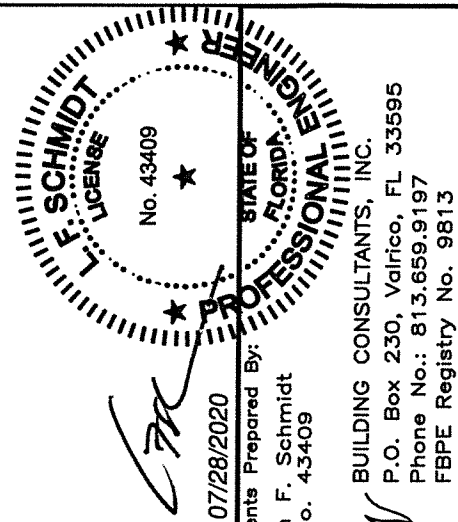
18 DAM CAP
356-A51-A



7 TOP AND BOTTOM RAIL
8568-356-D55



21 MULLION
356-A61



07/28/2020
Documents Prepared By:
Lyndon F. Schmidt
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PROFESSIONAL ENGINEER
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		Doors	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	BY	REVISIONS
3	7/28/20	JK	UPDATE TO 7TH ED. (2020) FBC
2	01/12/18	JK	ADD STEEL STUD ANCHORING
1	10/05/17	JK	UPDATE TO 6TH ED. (2017) FBC
DATE:	6/10/16		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	FL-15450.6		
SHEET	6	OF	7

3/4" GLASS BITE

DOW 995

1" O.A. GLASS THK.

1/8" ANNEALED GLASS

0.090" SAFLEX PVB INTERLAYER

1/8" ANNEALED GLASS

AIR SPACE

1/8" TEMPERED GLASS

ALUMINUM SPACER

G1 GLAZING DETAIL

