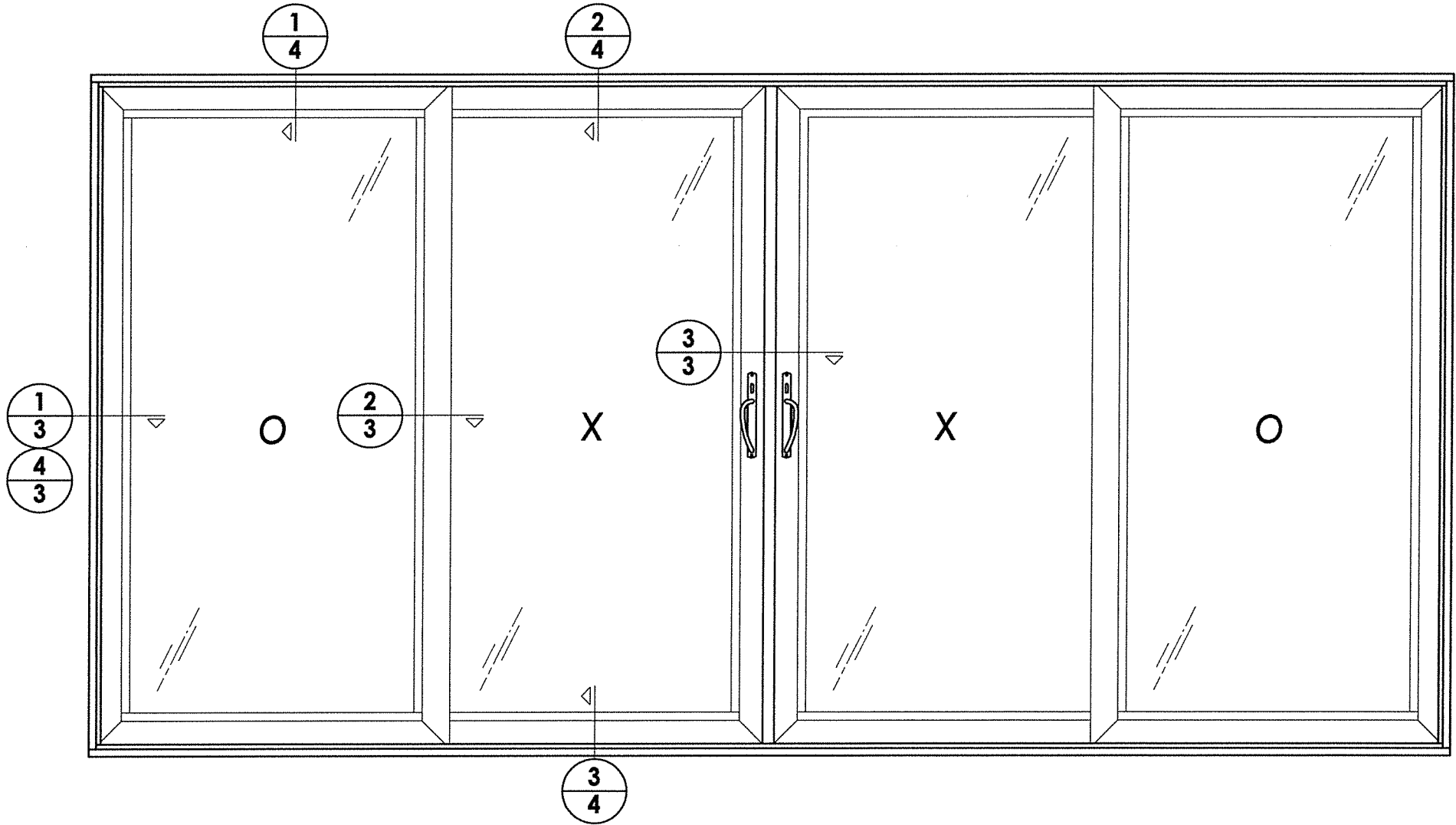




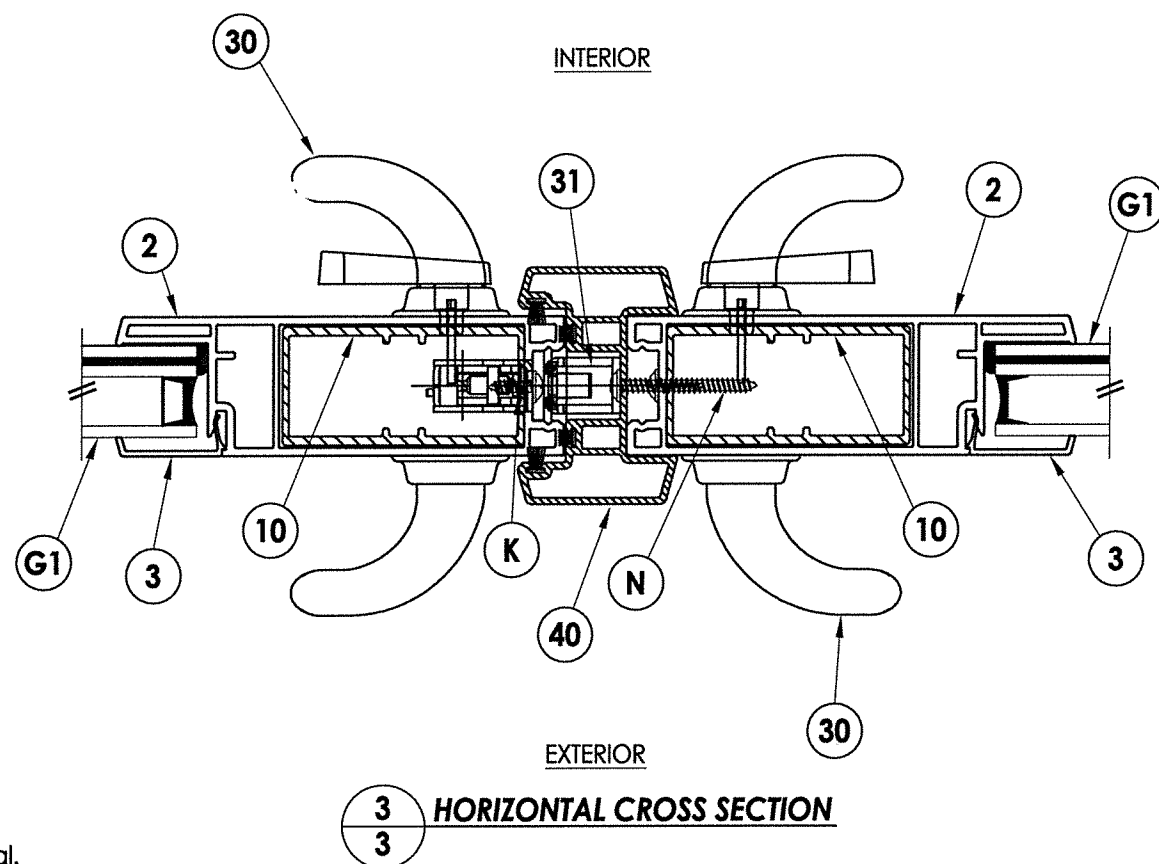
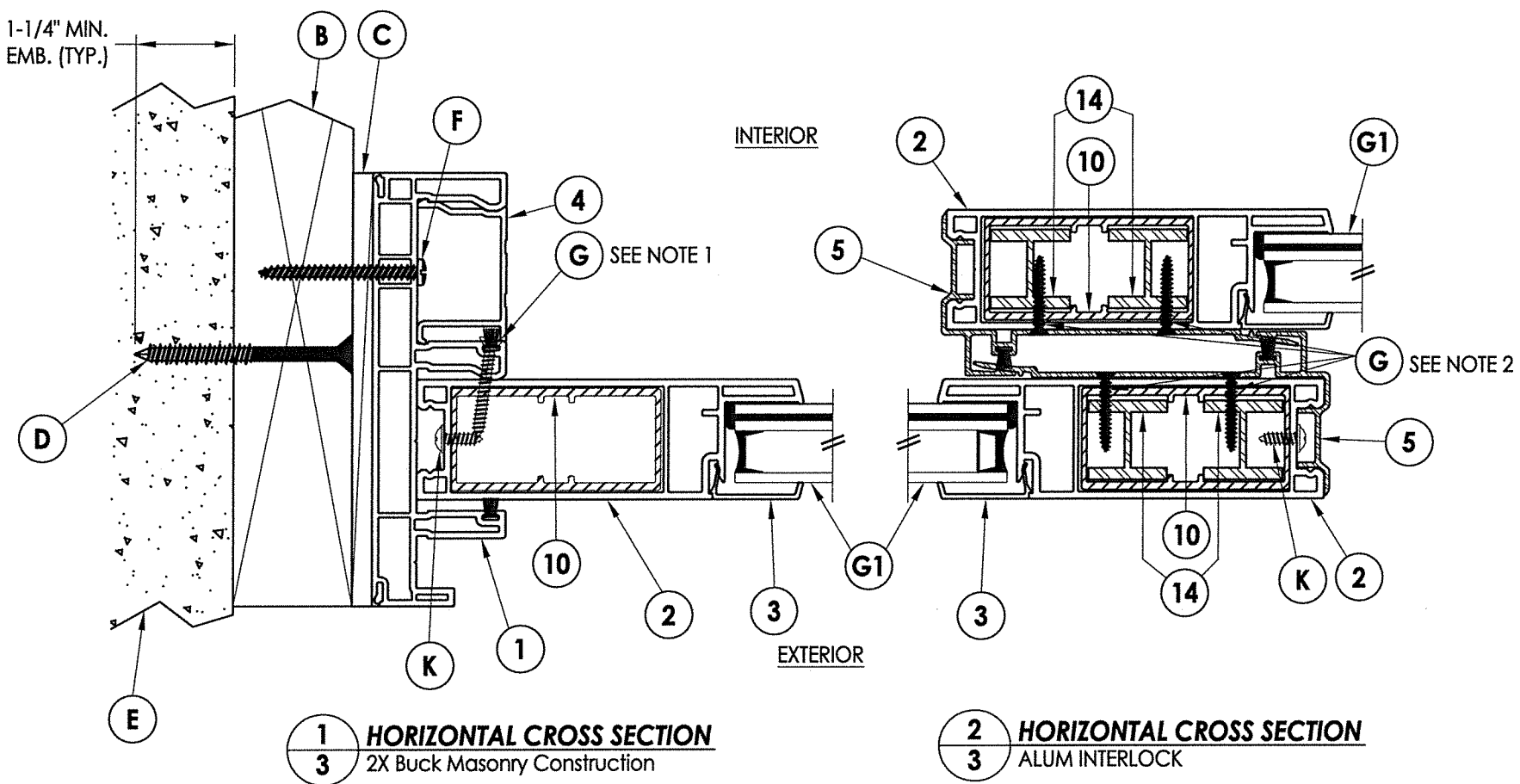
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15450.11
SHEET 2 OF 8

REVISIONS	
NO.	DATE
1	7/28/20
UPDATE TO 7th ED. (2020) FBC	
DAC	BY

PRODUCT: DOERS
PART OR ASSEMBLY: ELEVATION

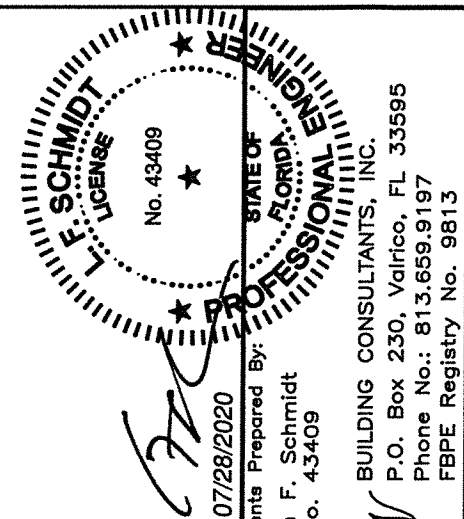
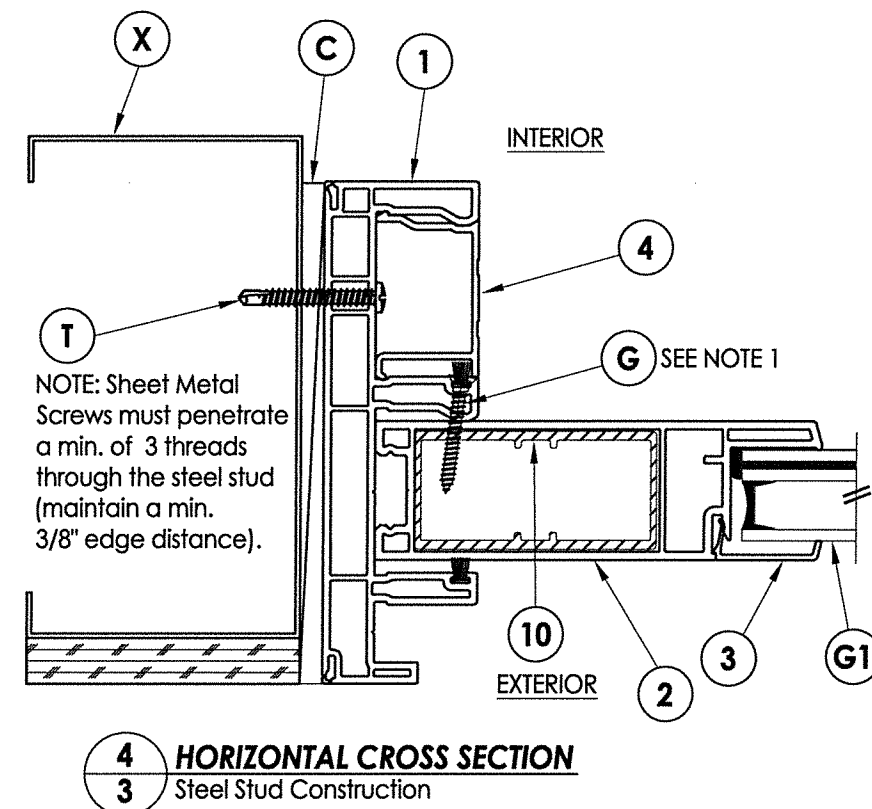
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
07/28/2020
F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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



NOTE:

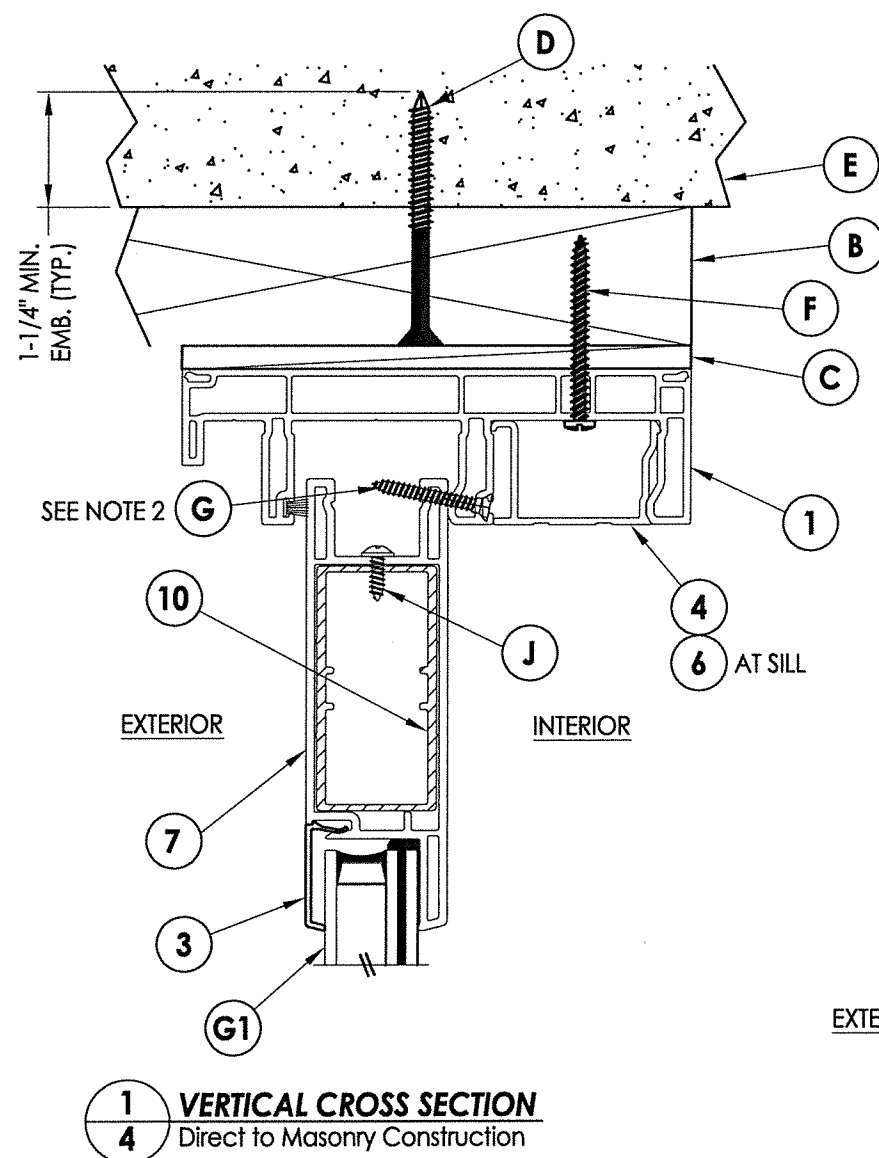
1. Item #G located 6" from each end then 6 more equally spaced (8) total.
2. Item #G located 3" from each end then 7 more equally spaced (9) total.



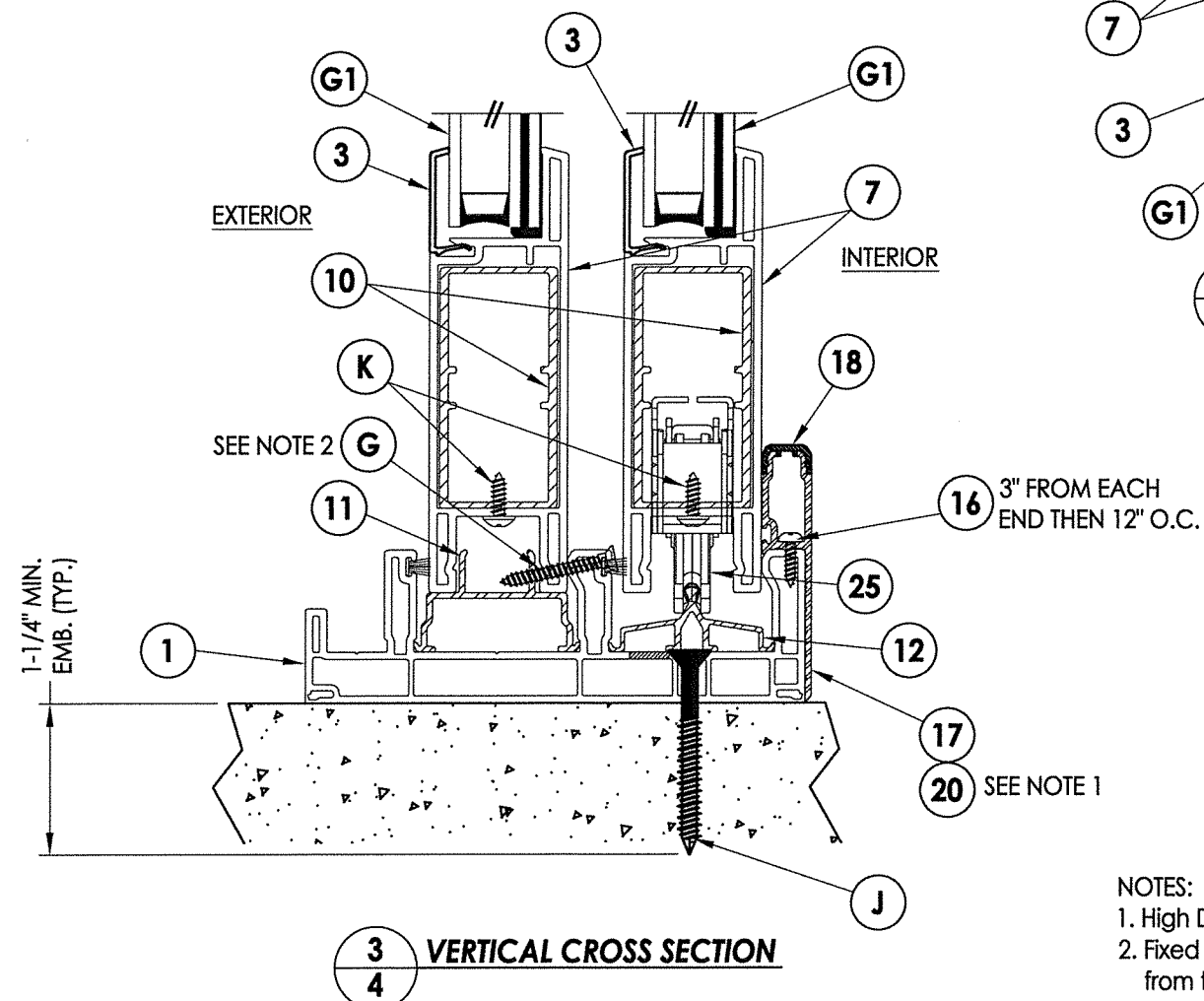
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

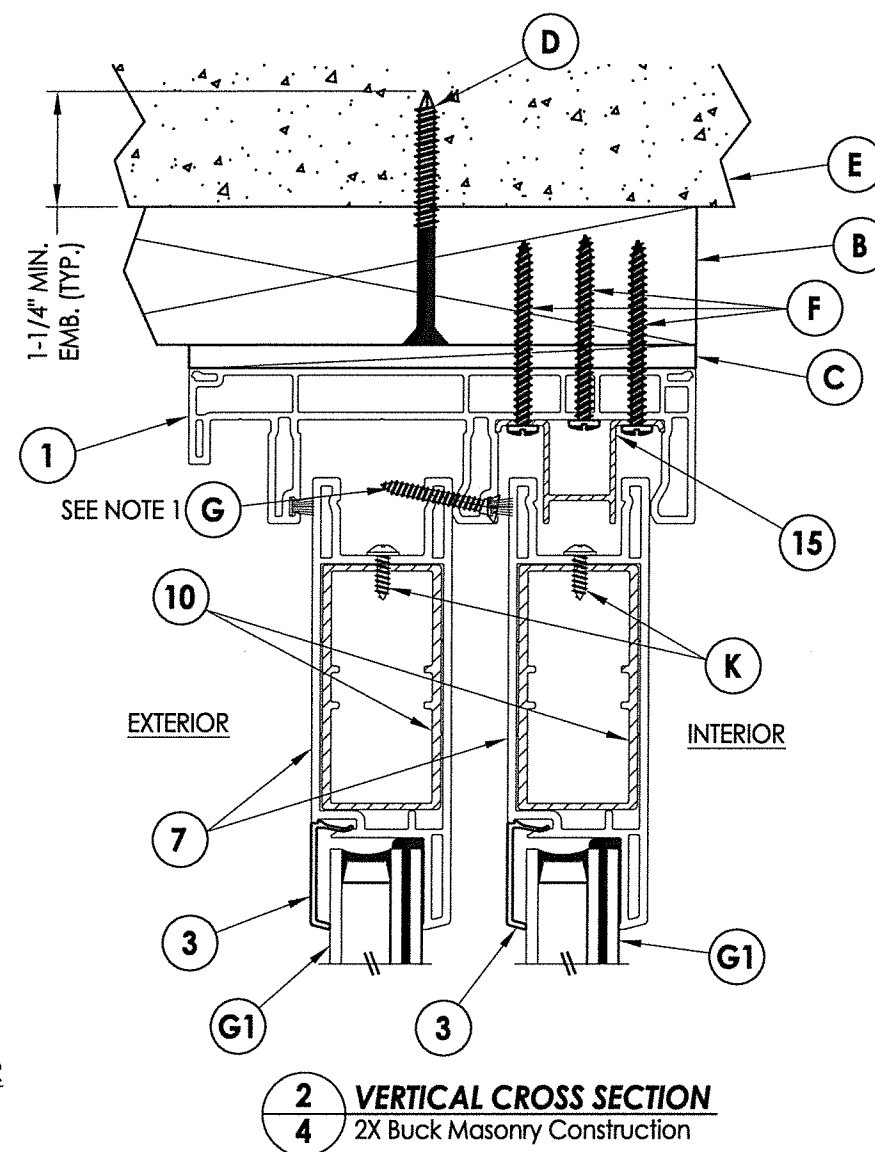
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1 **VERTICAL CROSS SECTION**
4 Direct to Masonry Construction



3 VERTICAL CROSS SECTION

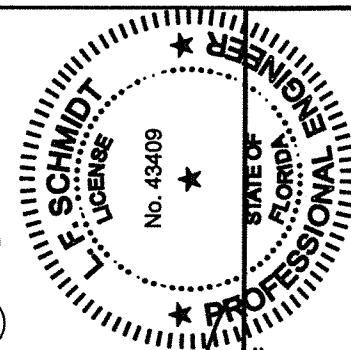


2 VERTICAL CROSS SECTION

4 2X Buck Masonry Construction

NOTES:

1. High Dam Sill riser (Item #20) required when positive design pressure > 45 psf.
2. Fixed panel screw, item G located 3" and 6" from the Jamb then 6", 9" & 12" from the interlock at the head and sill.



07/28/2020

Documents Prepared By:

60-
chm

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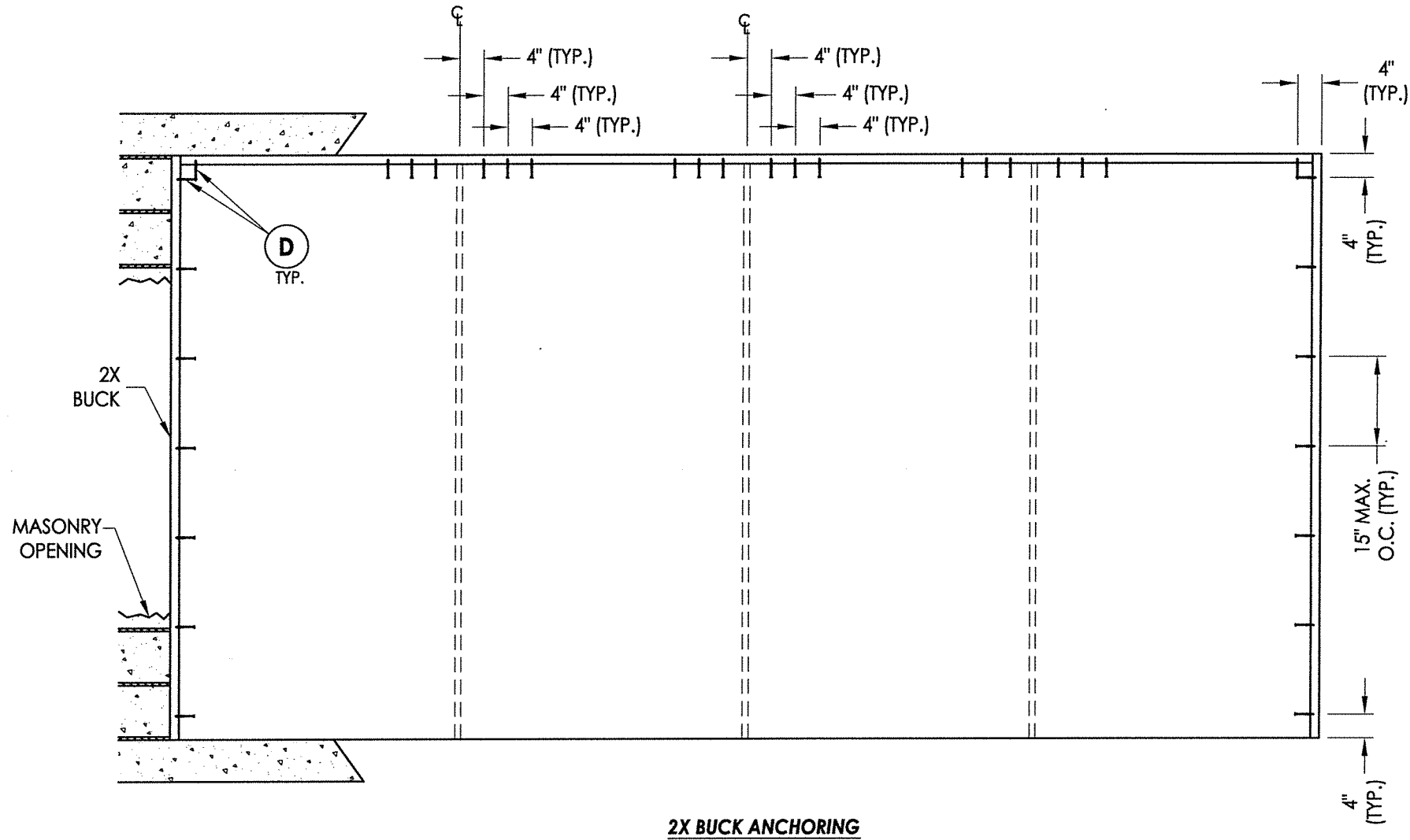
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

DATE: 01/12/18		PRODUCT: DOERS	
SCALE: N.T.S.		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15450.11			
SHEET 4 OF 8			

\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.11.dwg



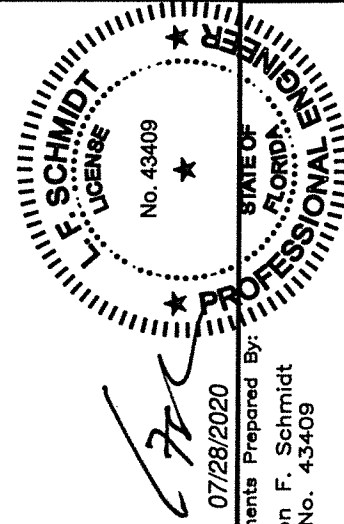
CONCRETE ANCHOR NOTES:

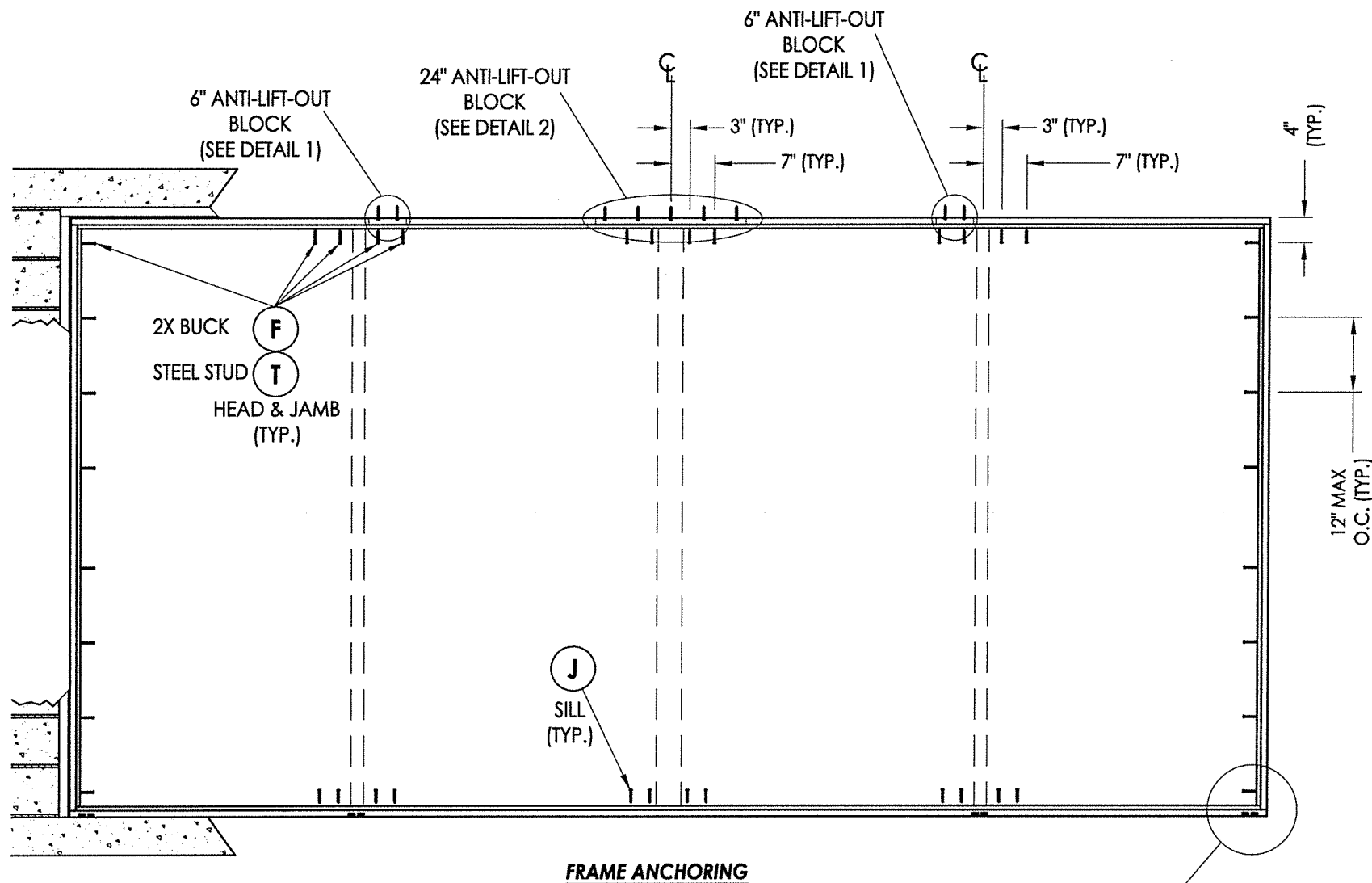
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- 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:

- 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		07/28/2020	
PRODUCT: DOERS		PART OR ASSEMBLY: BUCK ANCHORING			
DATE: 01/12/18		SCALE: N.T.S.			
DWG. BY: JK		CHK. BY: LFS			
DRAWING NO.: FL-15450.11		SHEET 5 OF 8			
NO. 1		7/28/20		DATE	
UPDATE TO 7th ED. (2020) FBC		DAC		BY	
REVISIONS					
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FRAME ANCHORING

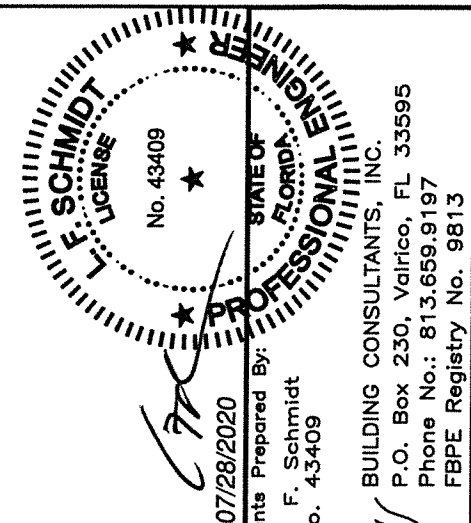
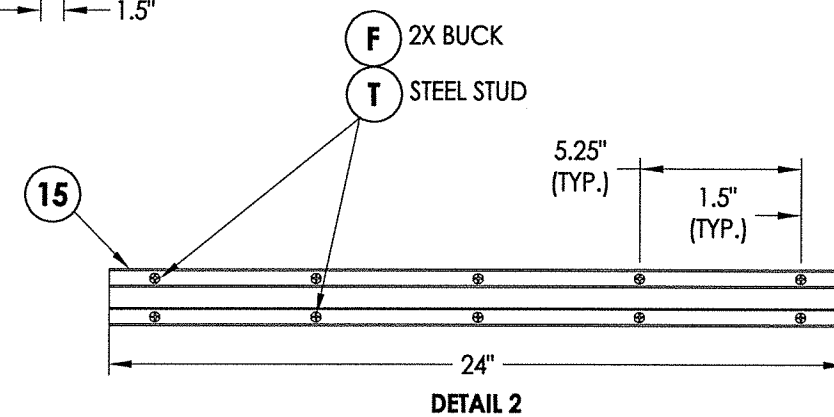
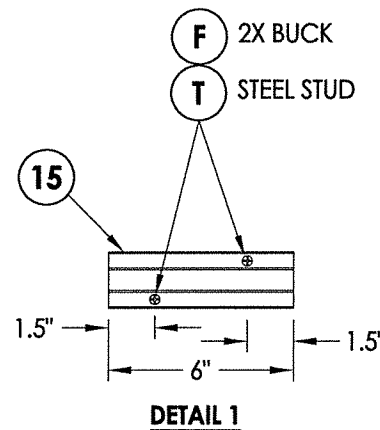
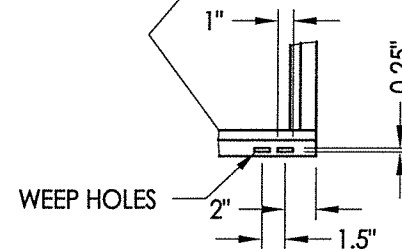
CONCRETE ANCHOR NOTES:

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.



07/28/2020

01/25/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOERS

PART OR ASSEMBLY:

1	7/28/20	UPDATE TO 7th ED. (2020)	FBC	DAC
NO	DATE			BY

DATE: 01/12/18

SCALE: N.T.S.

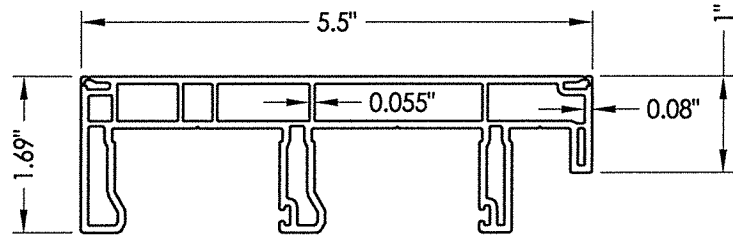
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CHK. BY: LFS

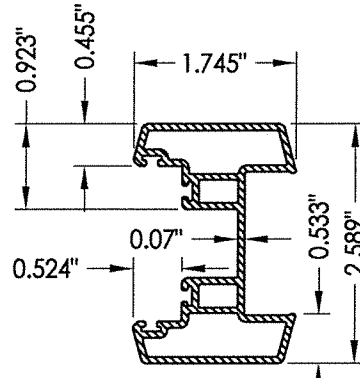
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FL-15450.1

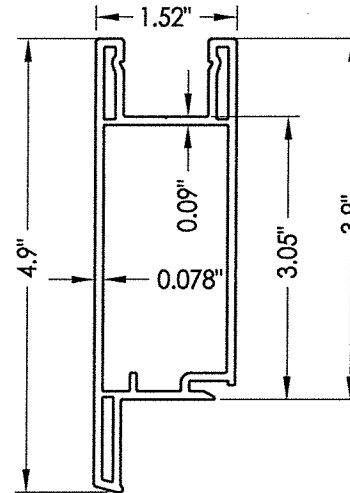
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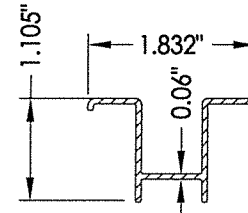
1 FRAME
8572-356-D60



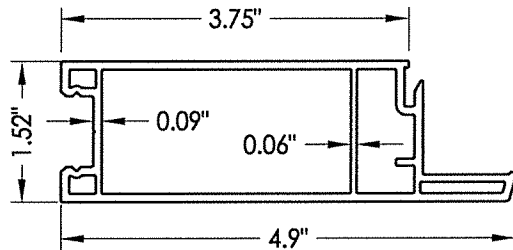
40 ASTRAGAL
356-A60



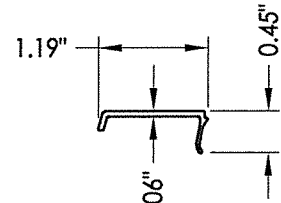
7 TOP AND BOTTOM RAIL
8568-356-D55



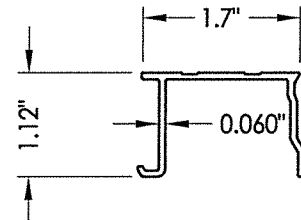
15 ANTI-LIFT-OUT BLOCKS



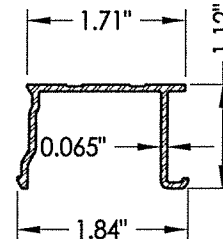
2 STILE
8567-356-D54



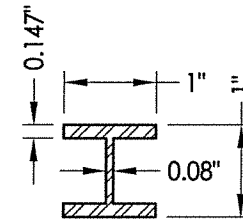
3 GLAZING BEAD
8570-356-D57



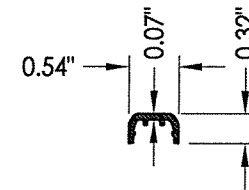
4 FRAME CAP
8571-356-D58



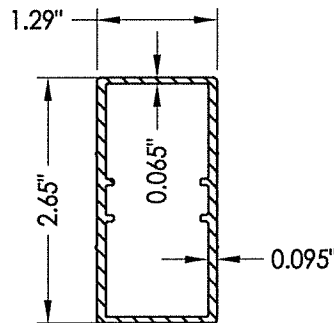
6 SILL CAP
356-A51-52-COV



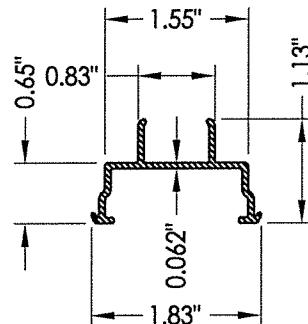
14 REINFORCEMENT



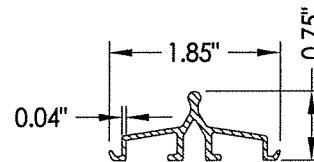
18 DAM CAP
356-A51-A



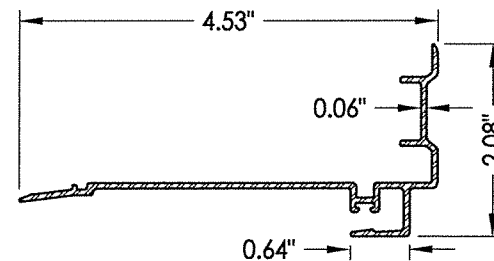
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356-A54-55



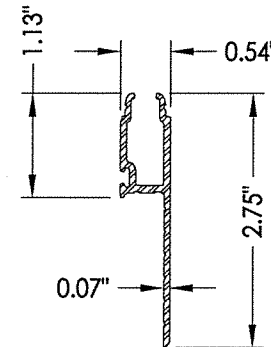
11 FIXED TRACK
356-A65



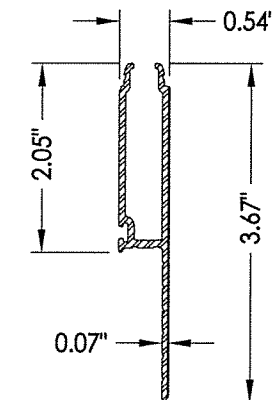
12 ROLLER TRACK
356-A51-52-TRK



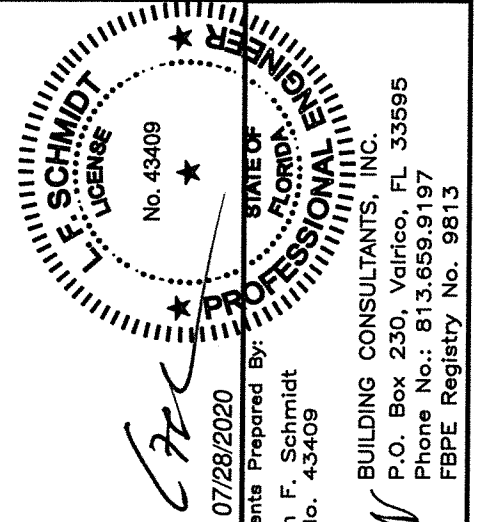
5 INTERLOCK
356-A54



17 STANDARD SILL RISER



20 HIGH DAM SILL RISER



07/28/2020

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

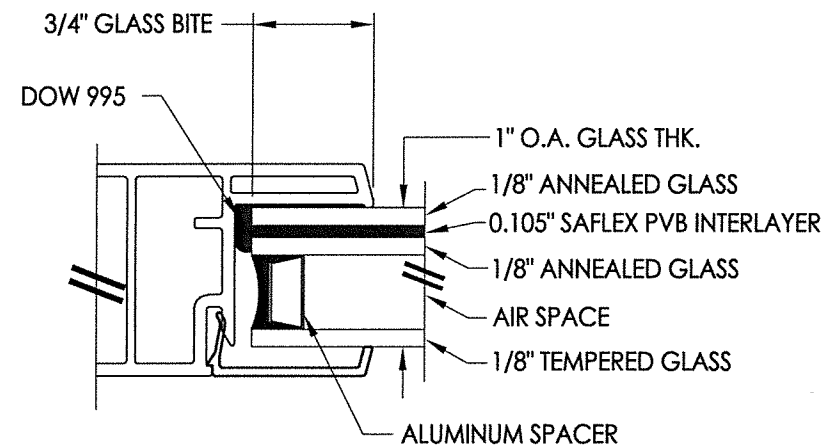
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		DOORS	
PART OR ASSEMBLY:		COMPONENTS	
REVISIONS		DATE	
NO.		DATE	
1		7/28/20	
UPDATE TO 7th ED. (2020)		FBC	
DAC		BY	
DATE		DATE	
DATE: 01/12/18		DATE: 01/12/18	
SCALE: N.T.S.		SCALE: N.T.S.	
DWG. BY: JK		DWG. BY: JK	
CHK. BY: LFS		CHK. BY: LFS	
DRAWING NO.: FL-15450.11		DRAWING NO.: FL-15450.11	
SHEET 7 OF 8		SHEET 7 OF 8	

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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 (1-3/16" MIN. EMBEDMENT)	STEEL
G	#8 X 1" PFH SMS	STEEL
K	#8 X 1/2" PPH SMS	STEEL
N	#8 X 1-1/2" PPH SMS	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*	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
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
15	ANTI-LIFT-OUT BLOCKS (6063-T5 ALUM)	ALUM
16	#6 X 1/2" PFH SMS	STEEL
17	STANDARD SILL RISER (6063-T5 ALUM)	ALUM
18	DAM CAP (6063-T5 ALUM)	ALUM
20	HIGH DAM SILL RISER (6063-T5 ALUM)	ALUM
25	ROLLER ASSM.	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-
40	ASTRAGAL (6063-T5 ALUM)	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

NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1

