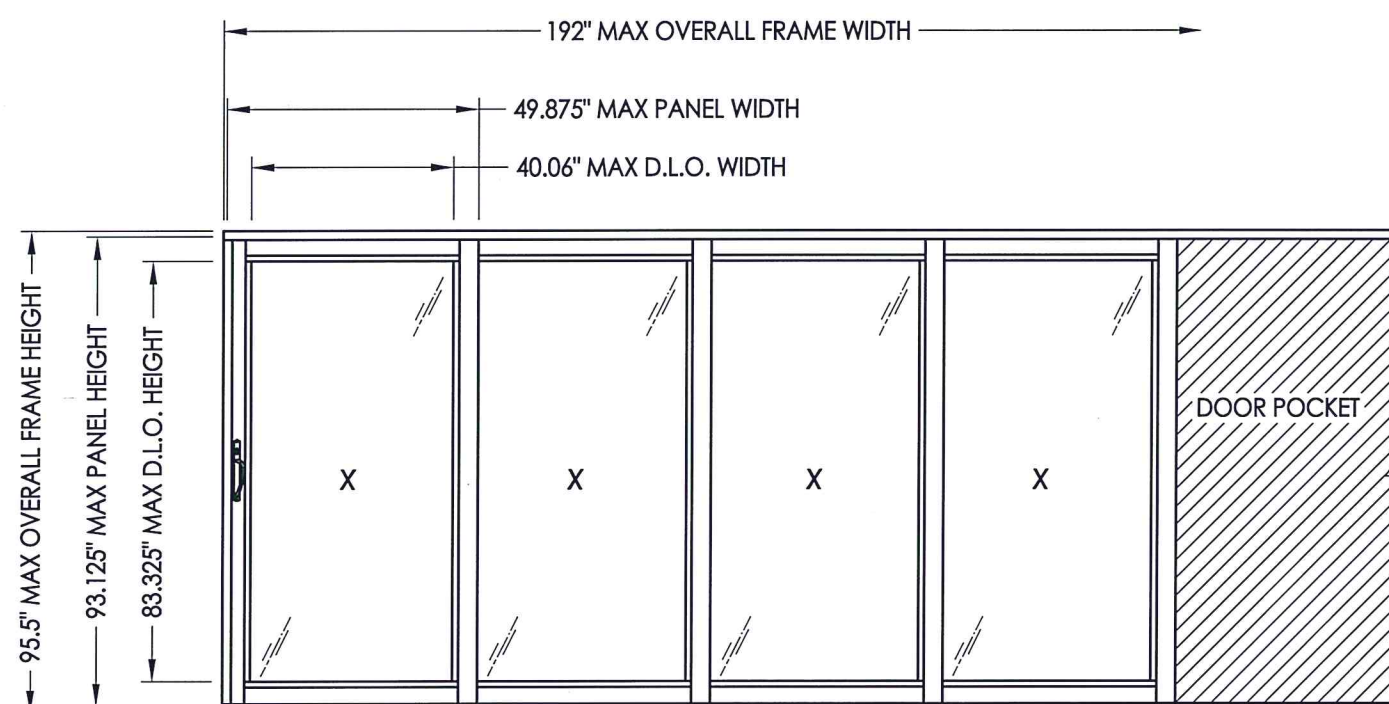


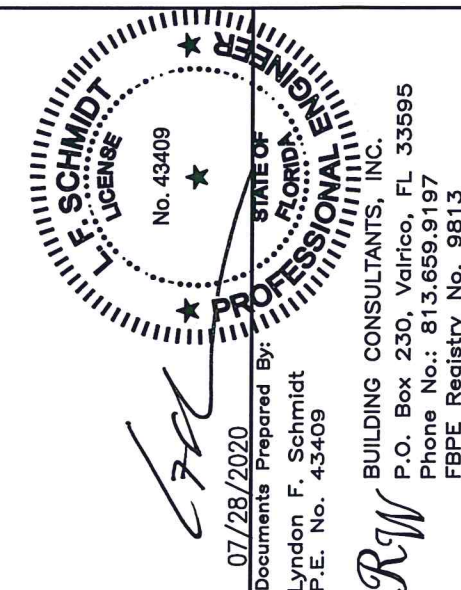
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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
3	Horizontal cross sections
4	Vertical cross sections
5	Buck anchoring
6	Frame anchoring
7	Components
8	Bill of materials and glazing detail

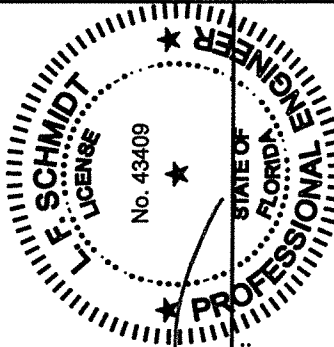
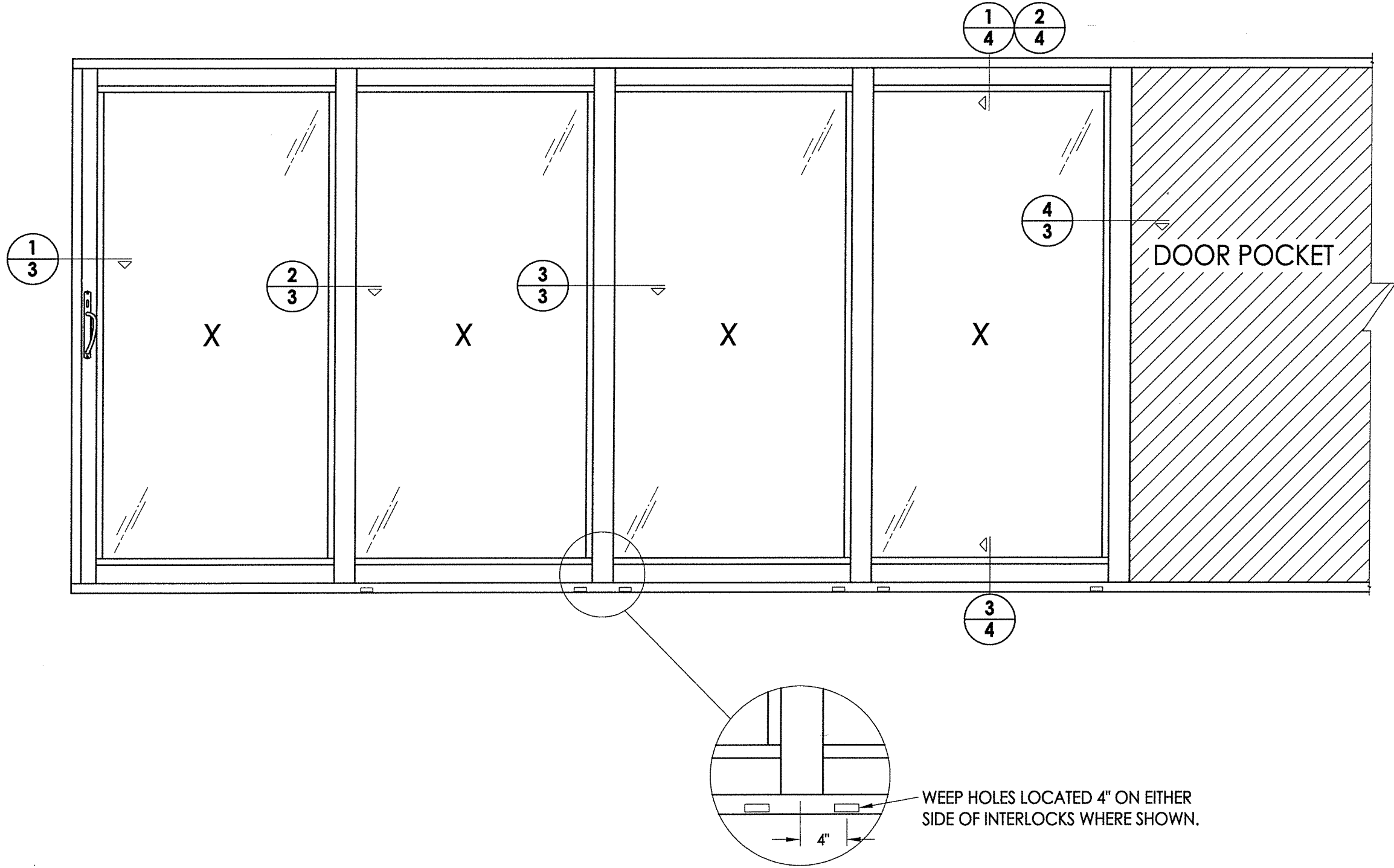


MAX FRAME DIMENSION	MAX D.L.O. DIMENSION	SILL RISER	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
192.0" X 95.5"	40.06" X 83.325"	STANDARD	G1	+30.0	-55.0
192.0" X 95.5"	40.06" X 83.325"	HIGH DAM	G1	+50.0	-55.0



DATE: 1/15/19		PRODUCT: DOERS	
SCALE: N.T.S.		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15450.18			
SHEET 1 OF 8			

\\dc01\vrbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\A - Drawings\FL-15450 (2020)\FL-15450.18.dwg



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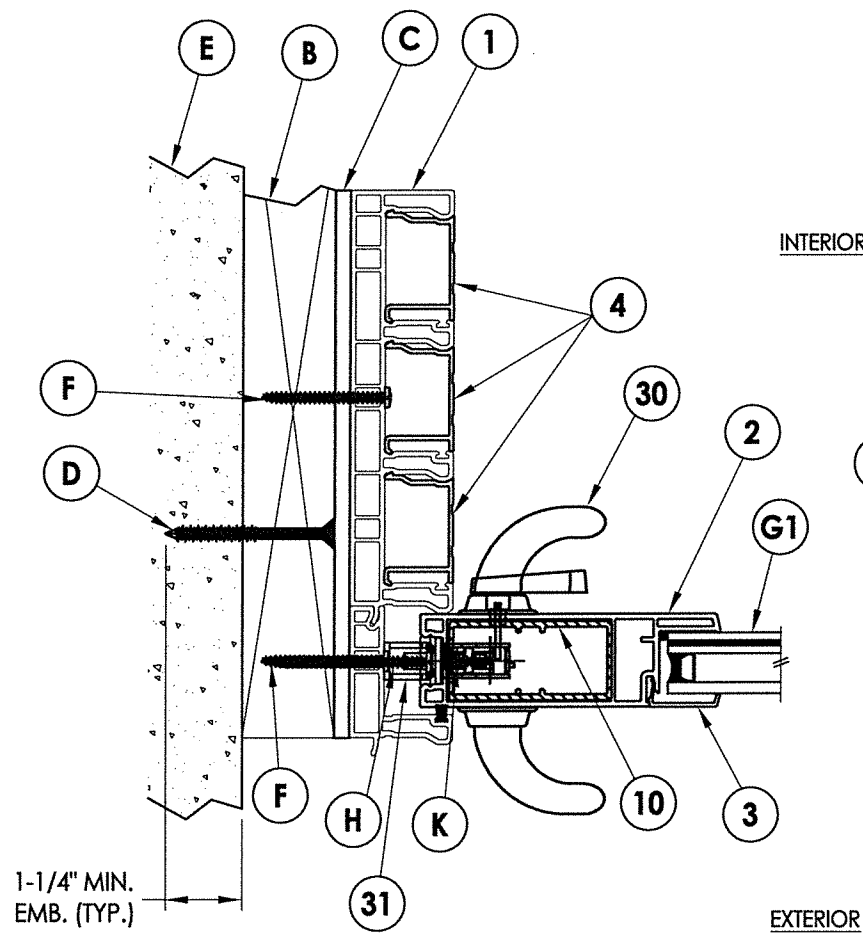
07/28/2020

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

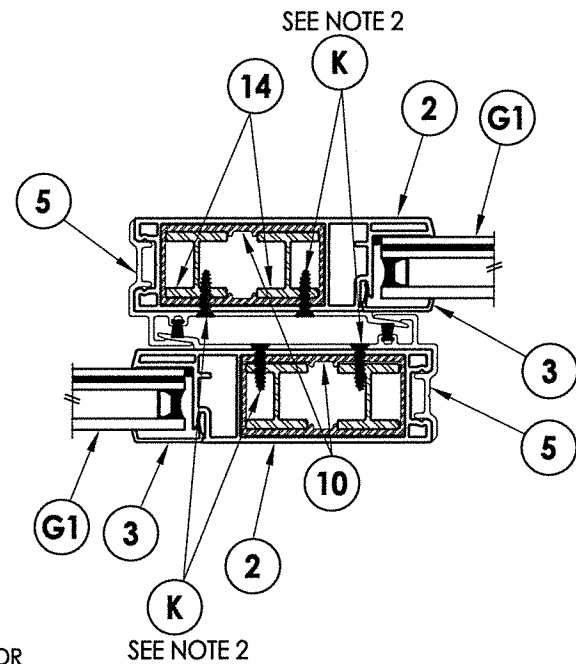
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		DOERS	
PART OR ASSEMBLY:		ELEVATION	
DATE: 1/15/19		NO. DATE	
SCALE: N.T.S.		1 7/28/20	
DWG. BY: RW		UPDATE TO 7th ED. (2020)	
CHK. BY: LFS		FBC	
DRAWING NO.: FL-15450.18		DAC	
SHEET 2 OF 8		BY	
		REVISIONS	

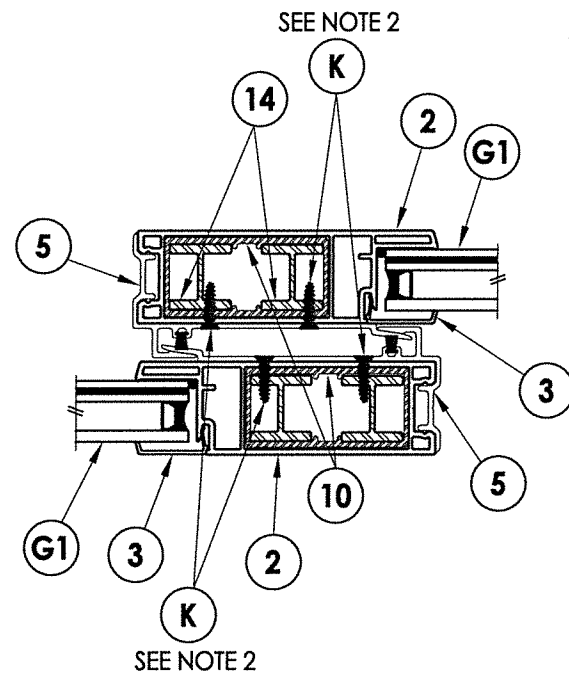
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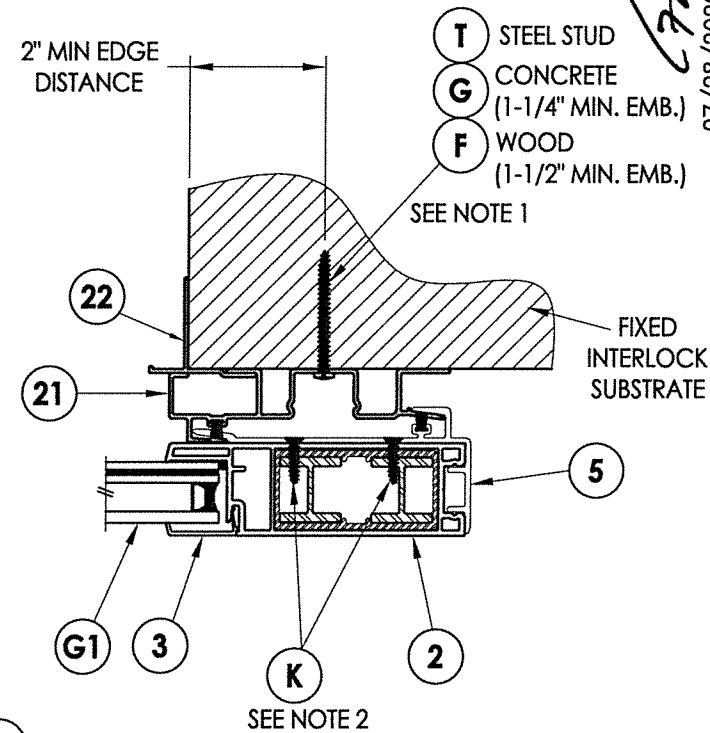
1
3 **HORIZONTAL CROSS SECTION**
2X Buck Construction



2
3 **HORIZONTAL CROSS SECTION**

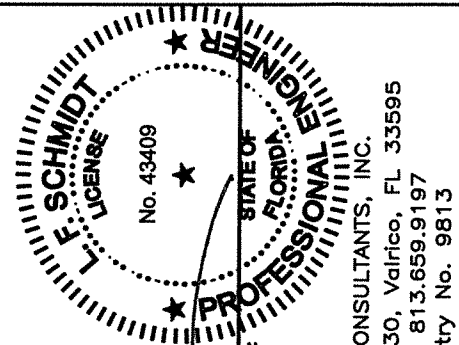


3
3 **HORIZONTAL CROSS SECTION**



4
3 **HORIZONTAL CROSS SECTION**

T STEEL STUD
G CONCRETE
(1-1/4" MIN. EMB.)
F WOOD
(1-1/2" MIN. EMB.)



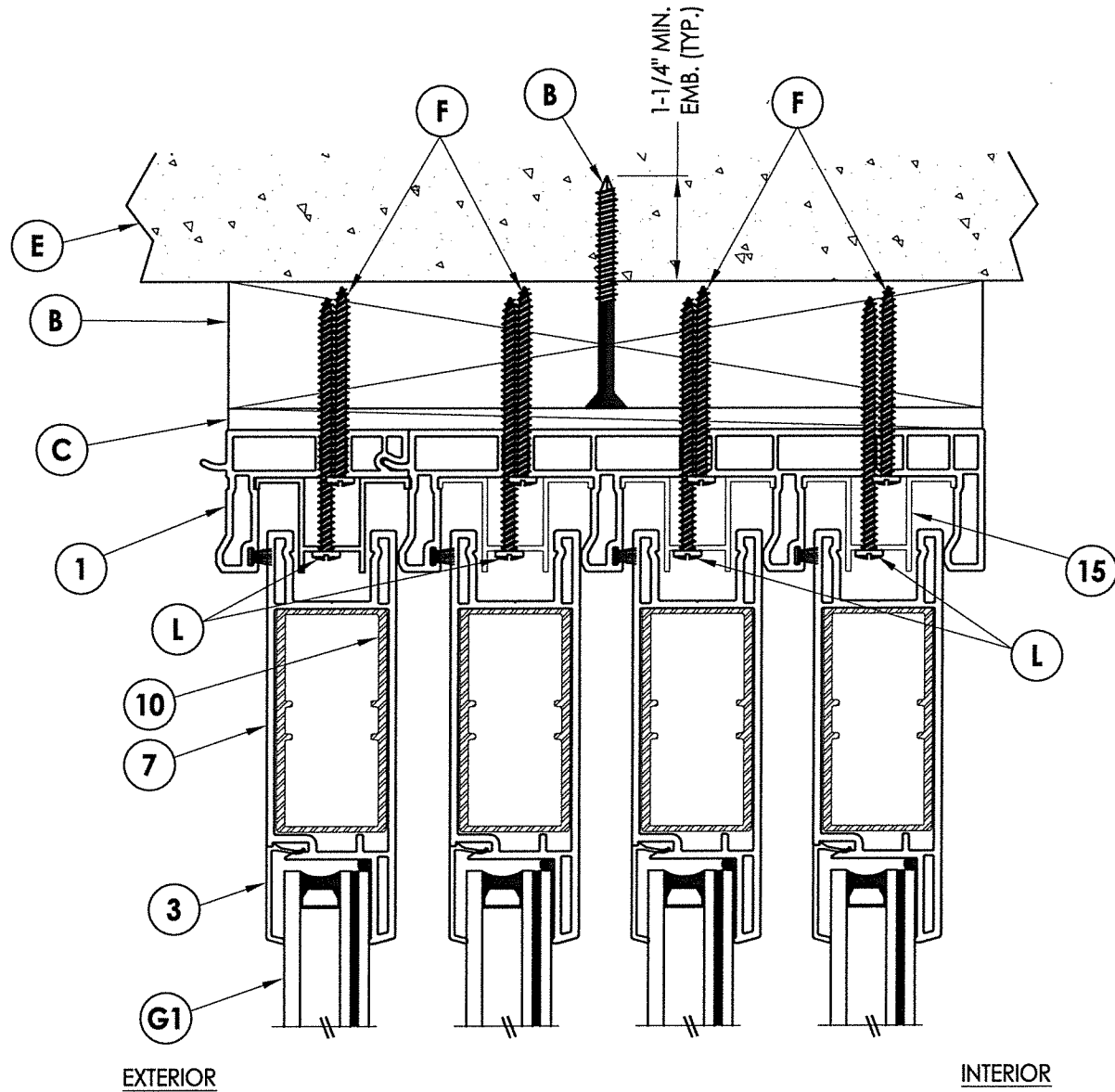
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Documents Prepared By:
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FBPE Registry No. 9813

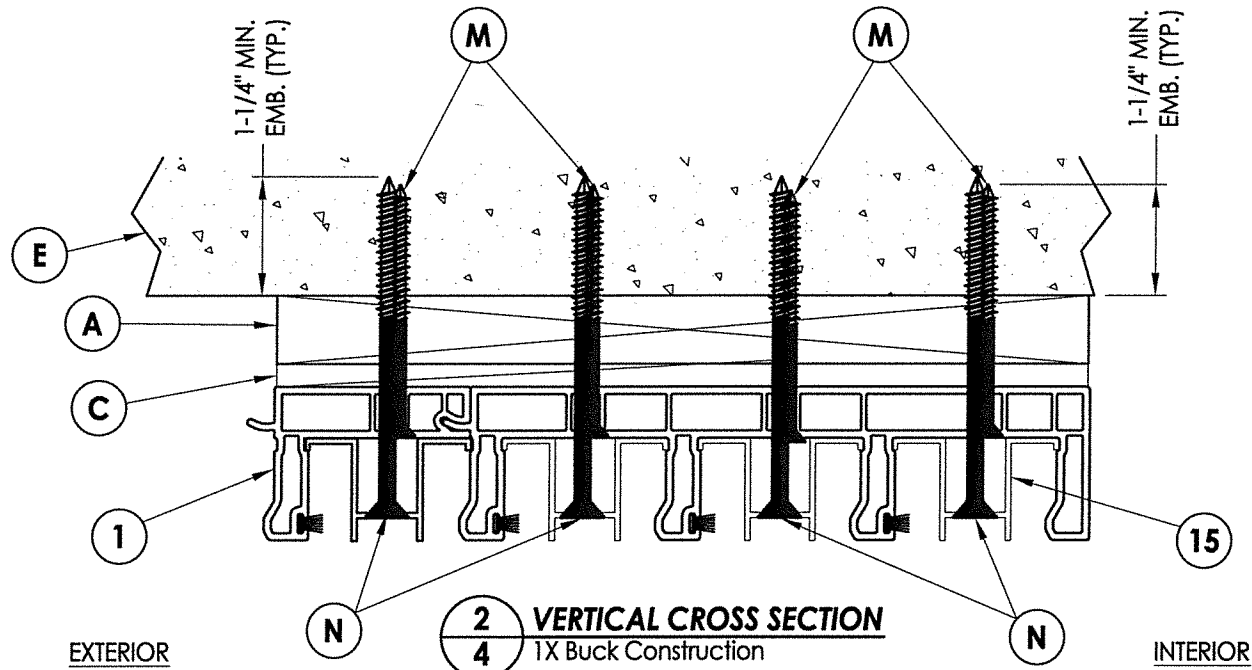
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NO.	DATE	BY	REVISIONS
1	7/28/20	UPDATE TO 7th ED. (2020) FBC	DAC
DATE: 1/15/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15450.18			
SHEET 3 OF 8			

NOTES:
1. Item #F located 3" from each end then 14.5" on center (7 total).
2. Item #K located 3" from each end then 14.5" on center (14 total).

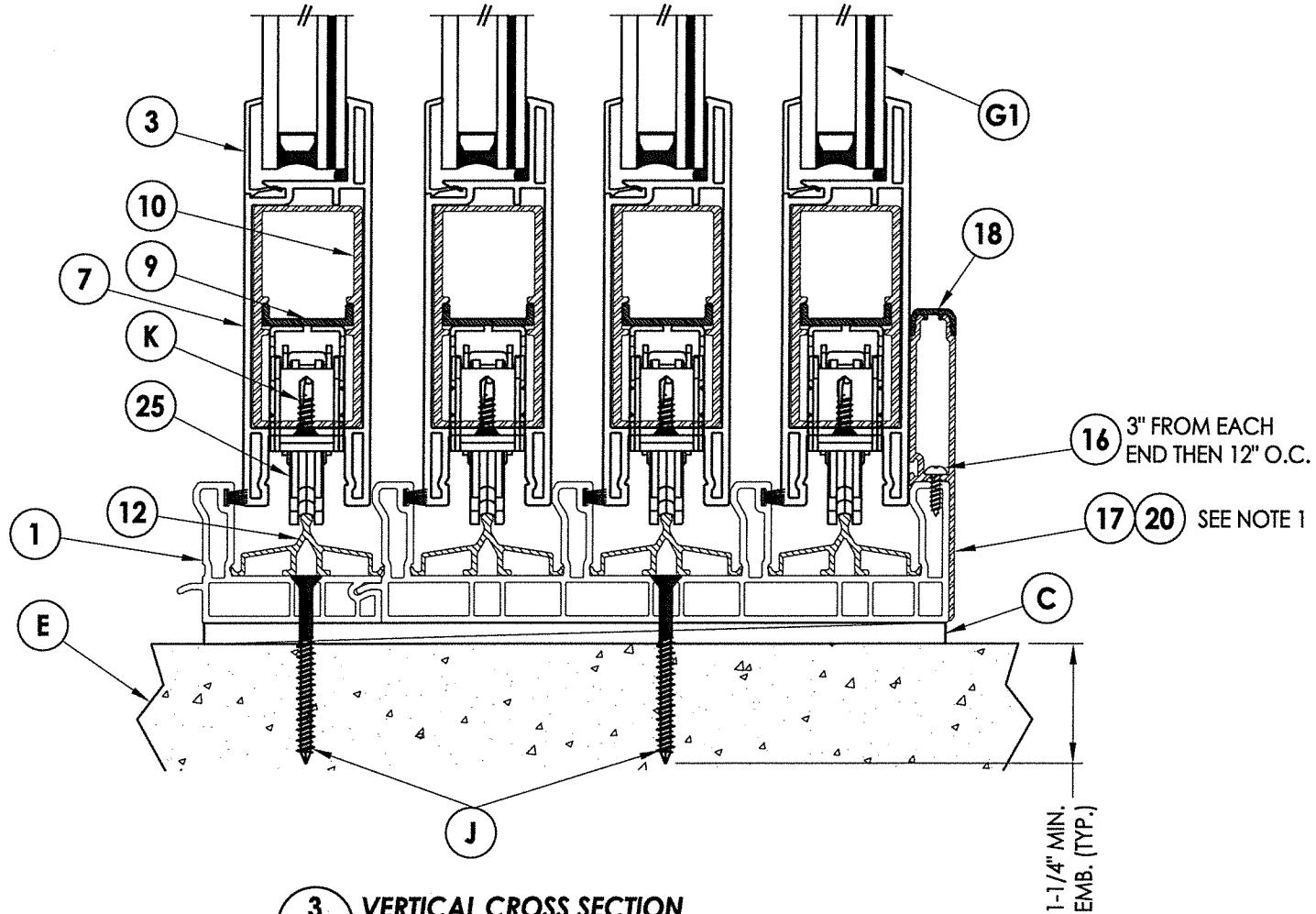
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1
4 VERTICAL CROSS SECTION
2X Buck Construction

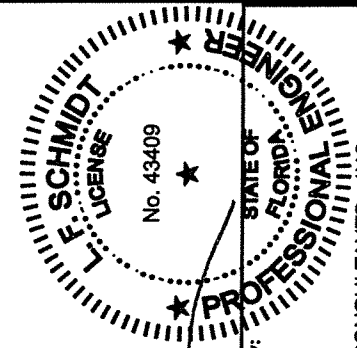


2
4 VERTICAL CROSS SECTION
1X Buck Construction



3
4 VERTICAL CROSS SECTION
Direct to masonry

NOTE:
1. High Dam Sill riser (Item #20) required when positive design pressure > 30 psf.



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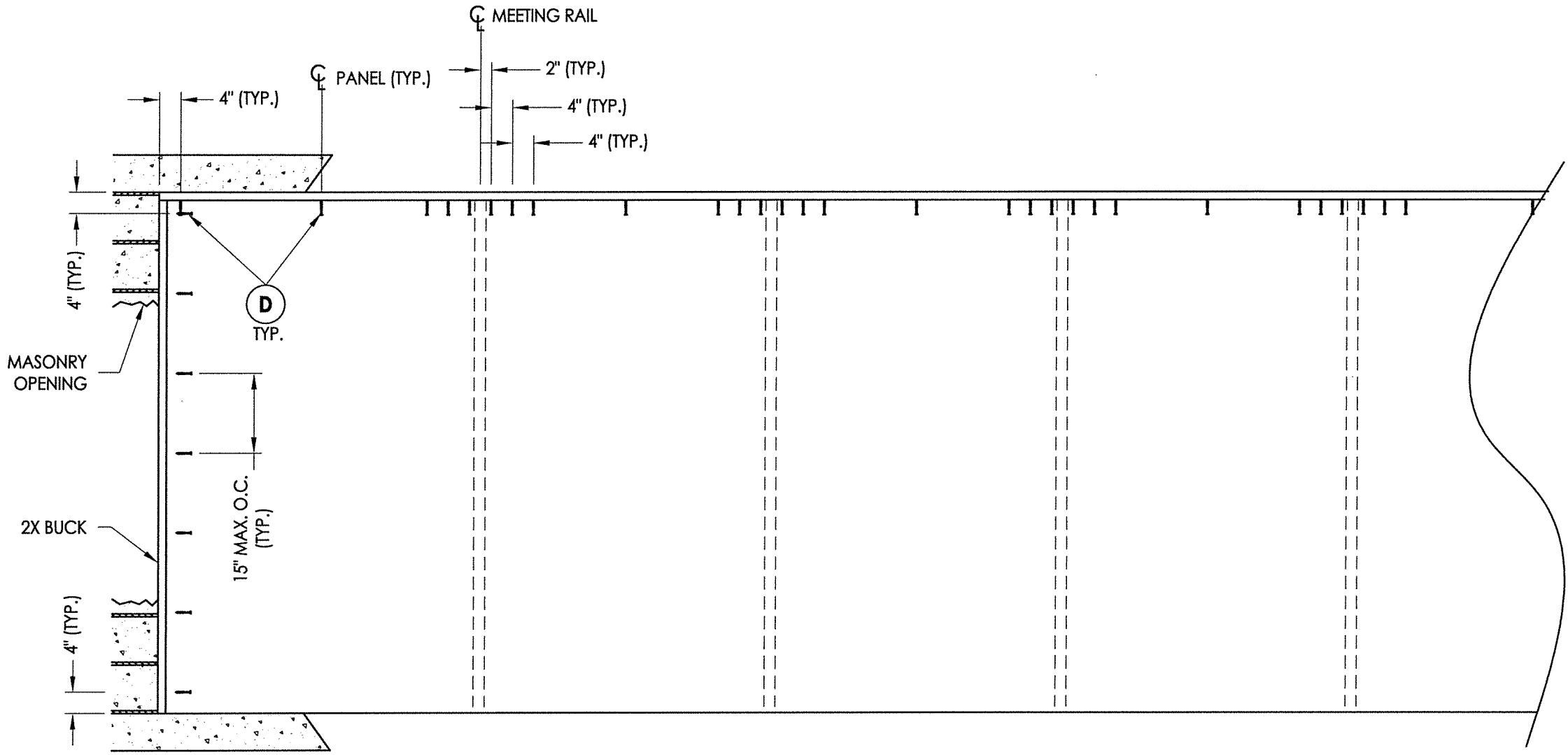
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOERS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

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

DATE: 1/15/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-15450.18
SHEET 4 OF 8



BUCK ANCHORING

DATE: 1/15/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-15450.18

SHEET 5 OF 8

1

7/28/20

NO. DATE

UPDATE TO 7th ED. (2020)

FBC

DAC

REVISIONS

BY

PRODUCT: DOERS

PART OR ASSEMBLY: BUCK ANCHORING

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

07/28/2020

FL

F. SCHMIDT

FL LICENSE

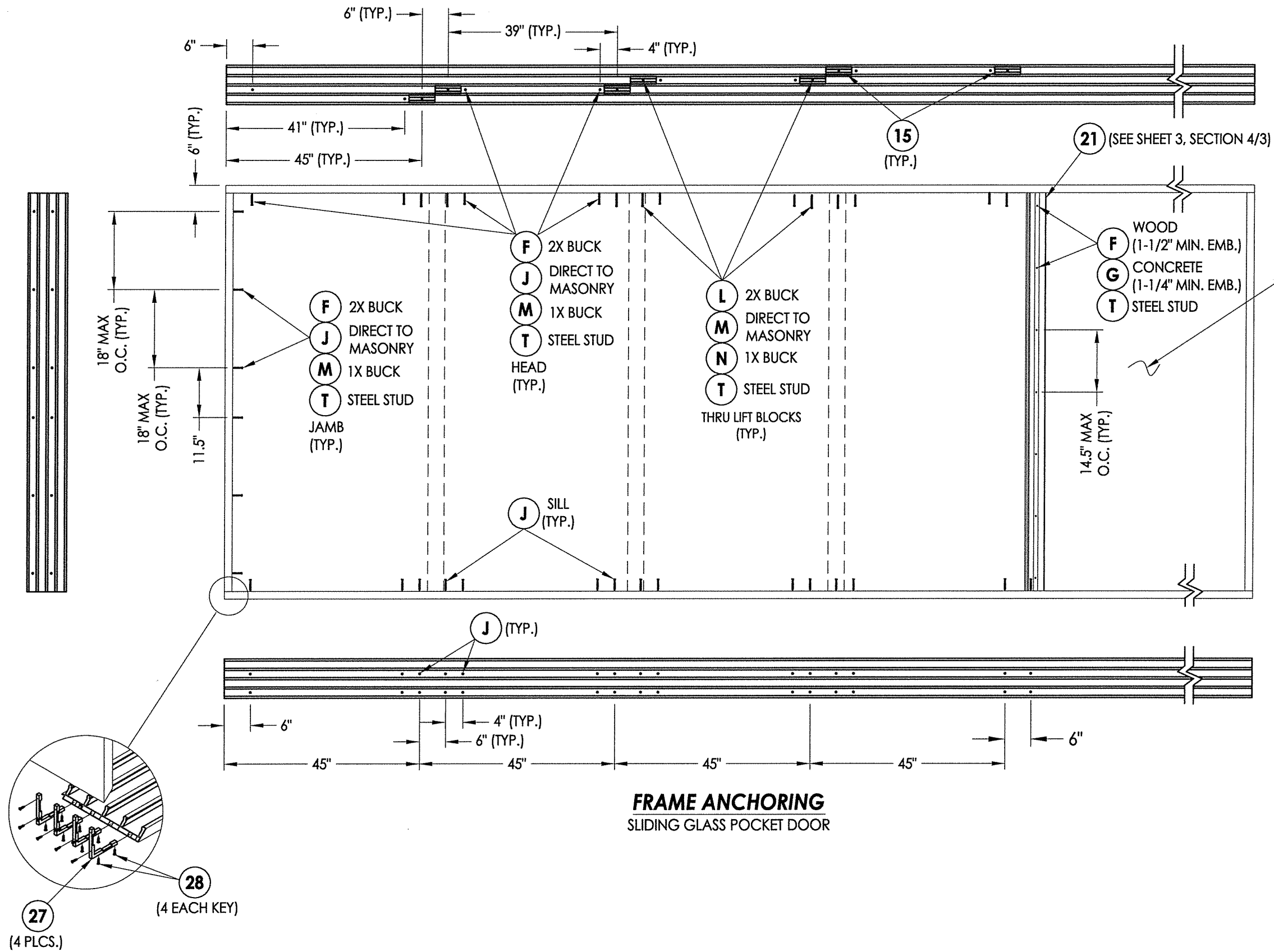
No. 43409

STATE OF FLORIDA

PROFESSIONAL ENGINEER

RW

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



CORNER DETAIL

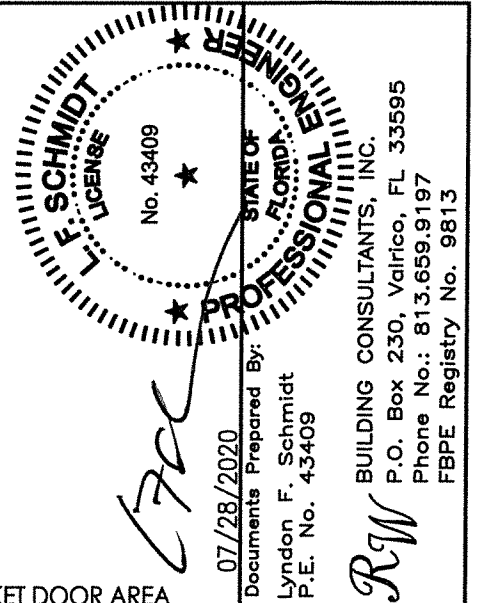
27
(4 PLCS.)

(4 EACH KEY)

FRAME ANCHORING

SLIDING GLASS POCKET DOOR

NOTE: POCKET DOOR AREA
BY OTHERS



07/28/2020

01/28/2020
Documents Prepared By:

Lyndon F. Schmidt
P E No 43409

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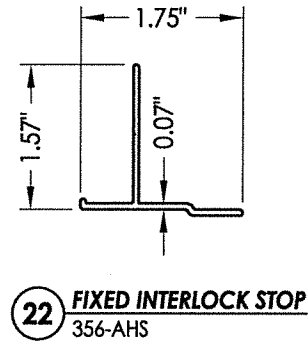
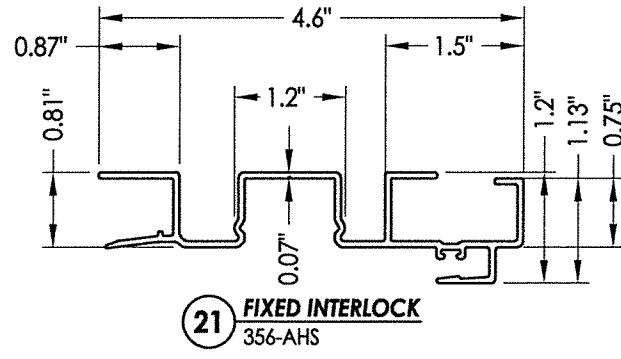
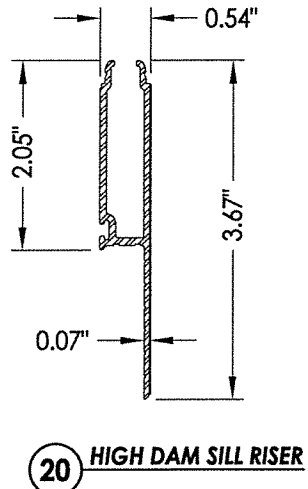
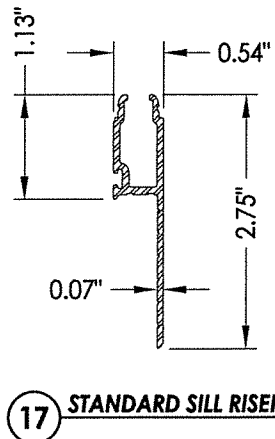
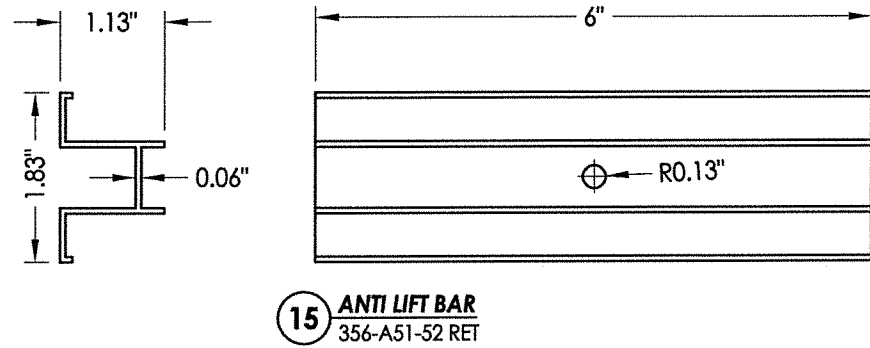
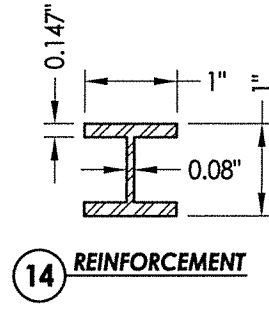
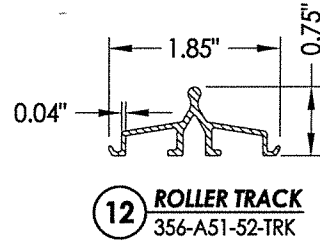
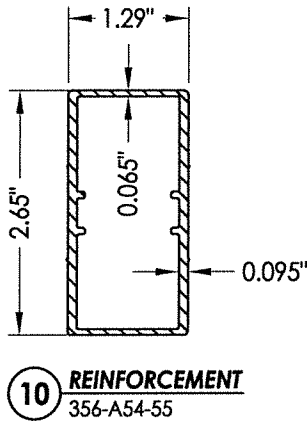
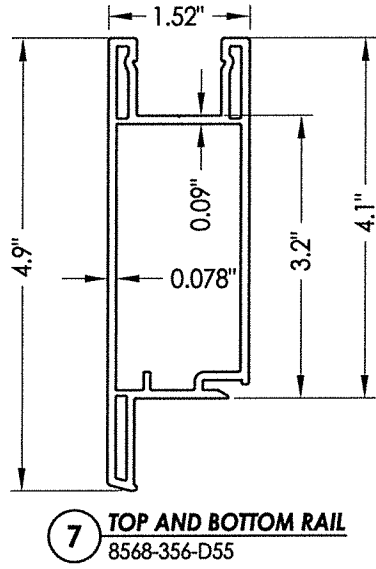
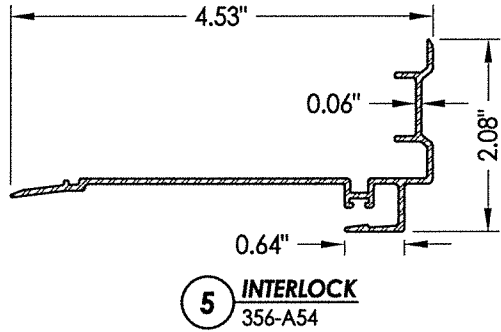
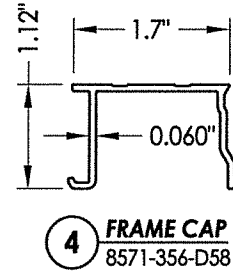
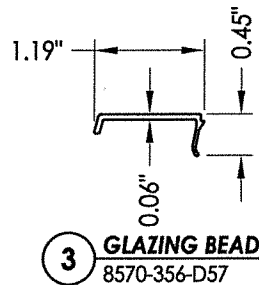
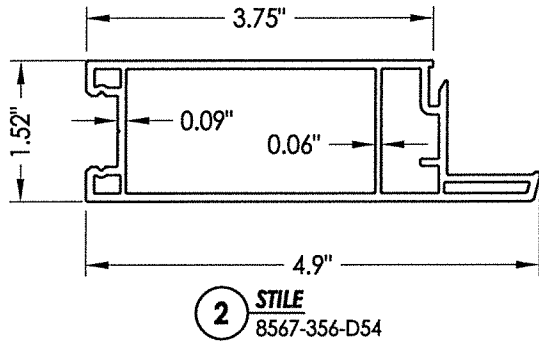
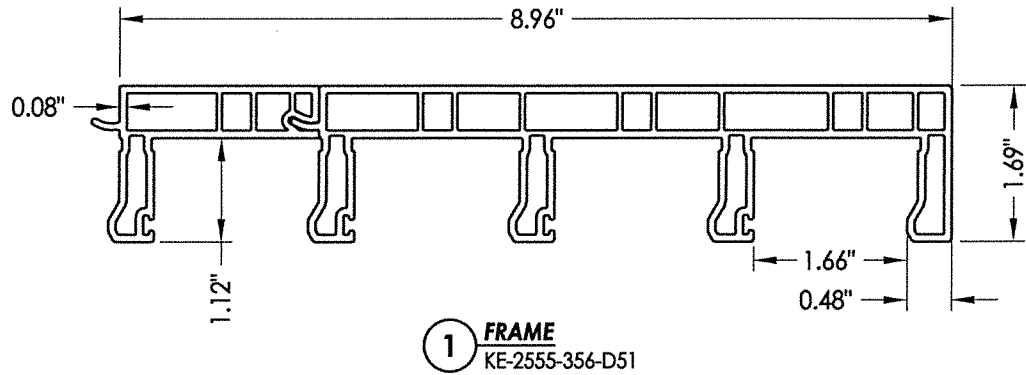
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone: No. 813 650 0107

Phone No.: 813.639.9191
FBPE Registry No. 9813

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DATE: 1/15/19		PRODUCT: DOERS	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15450.18		PART OR ASSEMBLY: FRAME ANCHORING	
SHEET 6 OF 8			

\\dc01\vwbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.18.dwg



LE SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CFL

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

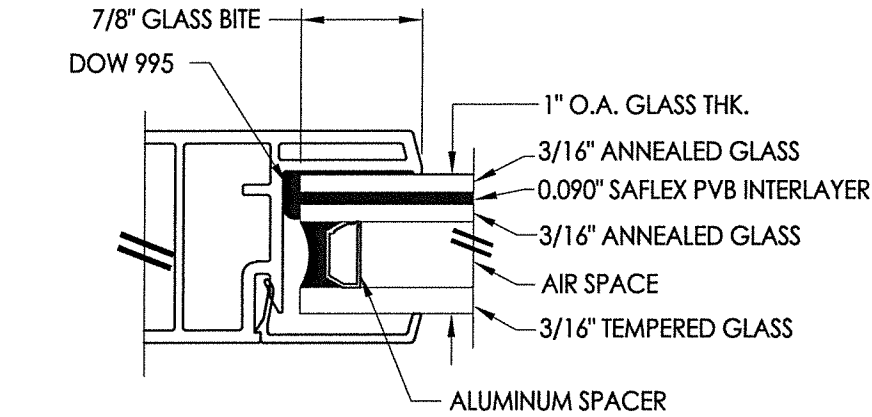
PRODUCT:		DOORS	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	BY	DATE
1	7/28/20	DAC	7/28/20
UPDATE TO 7th ED. (2020) FBC			
REVISIONS			
DATE: 1/15/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15450.18			
SHEET 7 OF 8			

\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15450 Exterior Doors - Sliding Patio Doors\C - Drawings\FL-15450 (2020)\FL-15450.18.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	#10 X 2" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
H	#10 X 2-1/2" PPH SMS	STEEL
J	1/4" X 2-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	#8 X 1/2" PPH SMS	STEEL
L	#10 X 3" PPH SMS (1-1/4" MIN. EMBEDMENT)	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
T	#10-16 PH SELF-DRILLING SMS (3 THREADS MIN. THRU STEEL STUD)	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
9	ROLLER SUPPORT (6063-T5 ALUM)	ALUM
10	REINFORCEMENT (6063-T5 ALUM)	ALUM
11	FIXED TRACK (6063-T5 ALUM)	ALUM
12	SILL ROLLER TRACK (6063-T5 ALUM)	ALUM
14	REINFORCEMENT (6063-T5 ALUM)	ALUM
15	ANTI-LIFT-OUT BLOCKS (6063-T5)	ALUM
17	STANDARD SILL RISER (6063-T5 ALUM)	ALUM
18	SILL RISER CAP (6063-T5 ALUM)	ALUM
20	HIGH DAM SILL RISER (6063-T5 ALUM)	ALUM
21	FIXED INTERLOCK (6063-T5 ALUM)	ALUM
22	FIXED INTERLOCK STOP (6063-T5 ALUM)	ALUM
25	ROLLER ASSM.	STEEL
27	CORNER KEY*	PVC
28	#8 X 1/2" PPH SMS	STEEL
30	LOCK AND HANDLE	-
31	STRIKE PLATE	-

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

INTERIOR



EXTERIOR

G1 GLAZING DETAIL

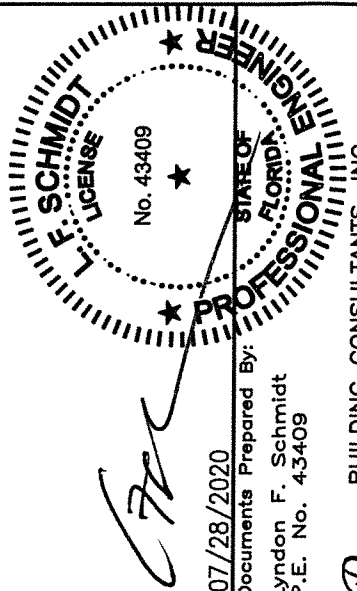
CONCRETE ANCHOR NOTES:

- 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.



07/28/2020

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

PRODUCT: DOERS

PART OR ASSEMBLY:
BILL OF MATERIALS AND
GLAZING DETAIL

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

DATE: 1/15/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-15450.18

SHEET 8 OF 8