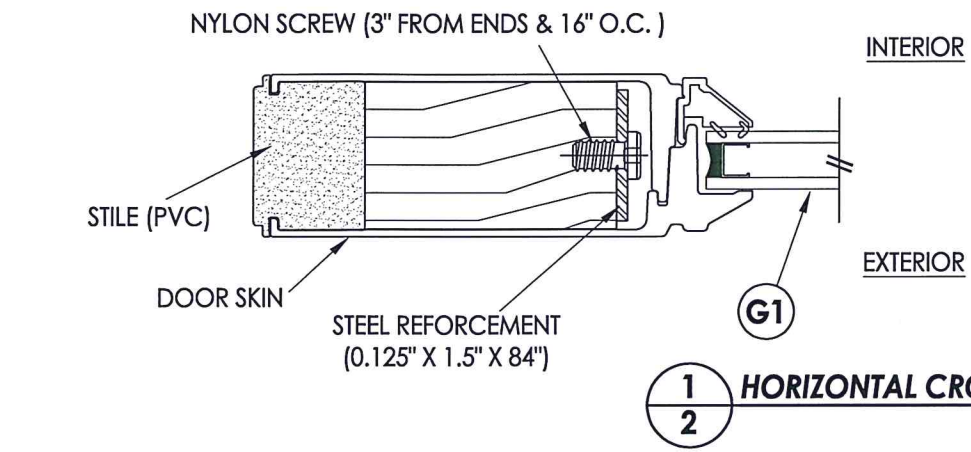


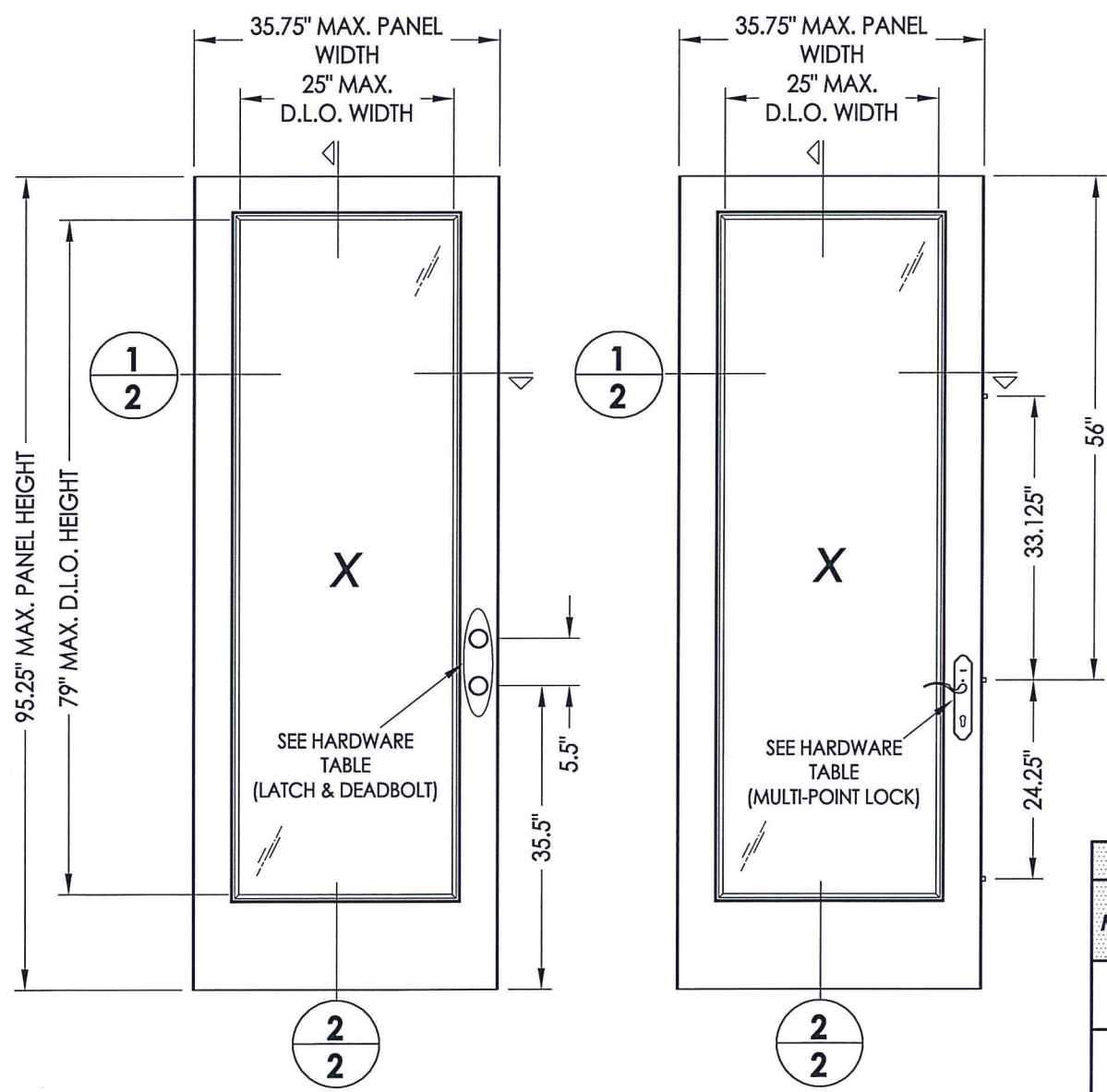
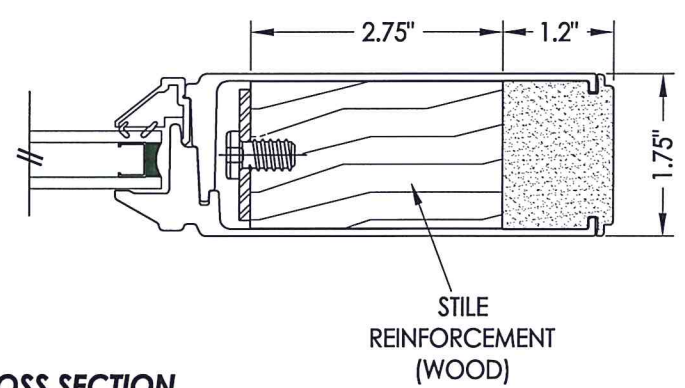




R:\Clients\Plastpro, Inc PERMANENT B - TD\TDL - DR 787 Flush Glazed Non-Impact C - Drawings\TX-4594.dwg, 2

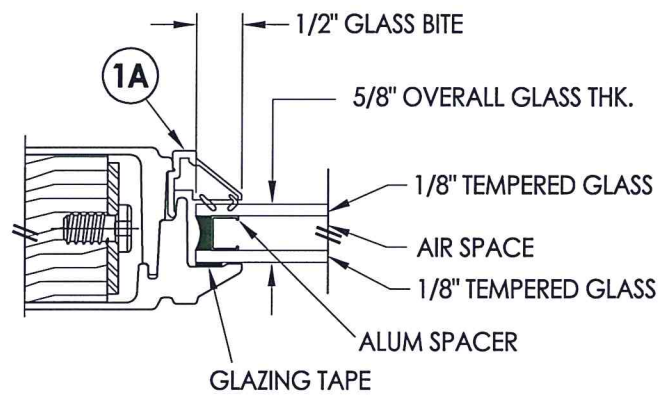


1  
2  
**HORIZONTAL CROSS SECTION**

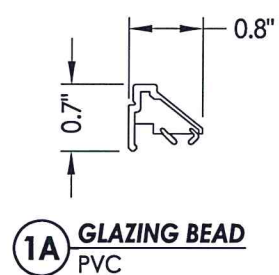


40 **PLASTPRO DOOR PANEL**  
FLUSH GLAZED

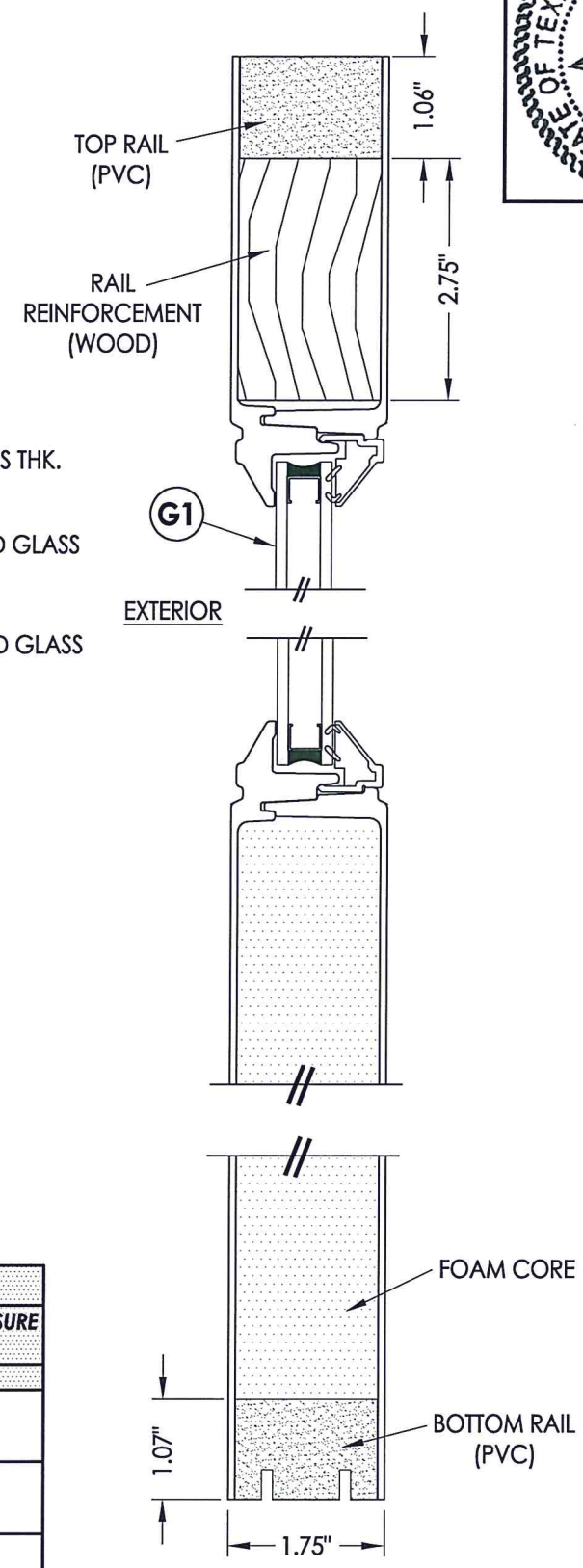
DOOR SKIN: FIBERGLASS (0.086" MIN. THK.)  
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



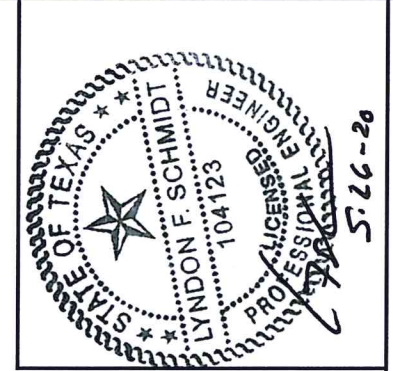
G1 **GLAZING DETAIL**  
FLUSH GLAZED



HARDWARE TABLE		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE (PSF)
		INSWING
KWIKSET	Knob: SIGNATURE SERIES	+50/-60
	DEADBOLT: SERIES (660)	
SCHLAGE	Knob: F51	+55/-60
	DEADBOLT: B60N	
YALE	Knob: NEW TRADITIONS	+50/-55
	DEADBOLT: YH 82	
ENDURA PRODUCTS	MULTI-POINT LOCK: TRILENNIUM 3000 SERIES (3 PT.)	+50/-55



2  
2  
**VERTICAL CROSS SECTION**



Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123

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

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: DOOR PANEL DETAILS

REVISIONS	
NO.	DATE
1	5/21/20
	UPDATE TO 2018 IBC/IRC CODE
	LFS
	BY

DATE: 1/13/16

SCALE: N.T.S.

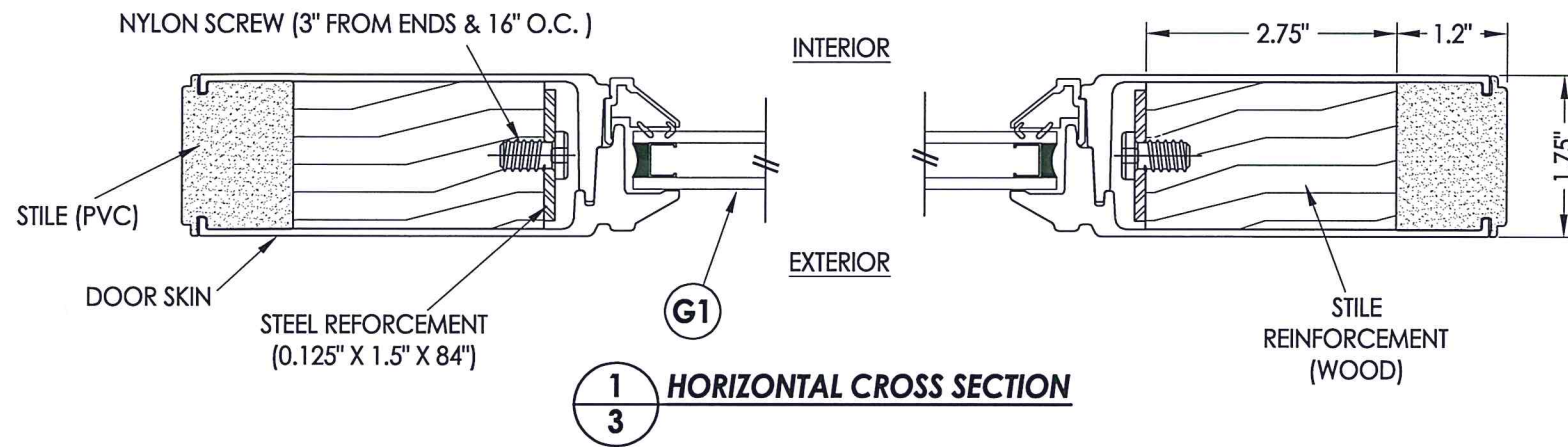
DWG. BY: JK

CHK. BY: LFS

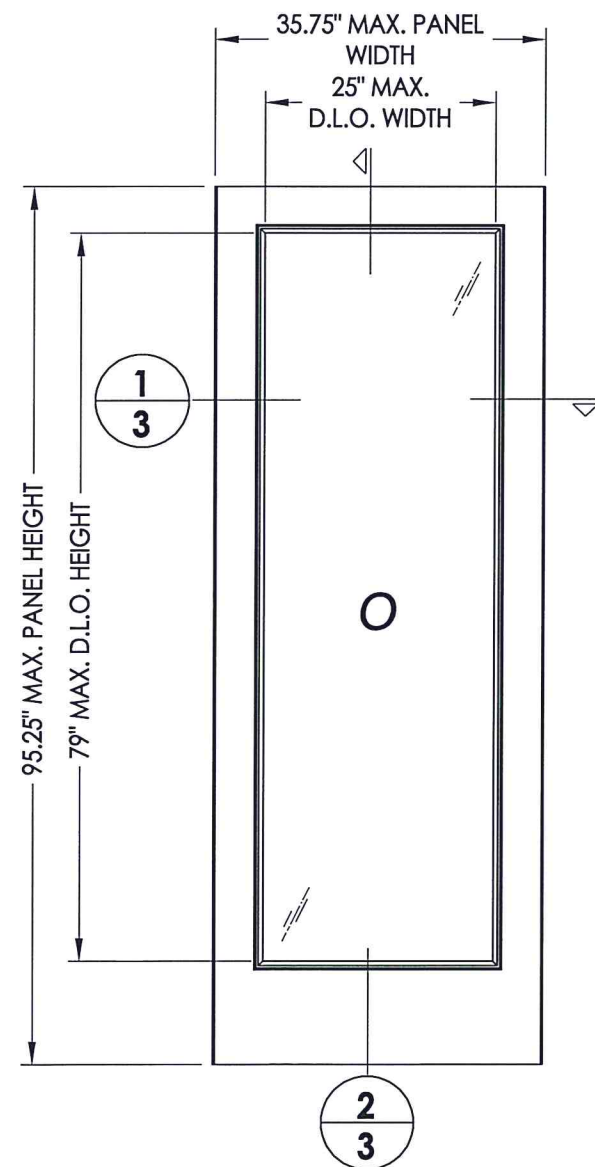
DRAWING NO.: TX-4594

SHEET 2 OF 8



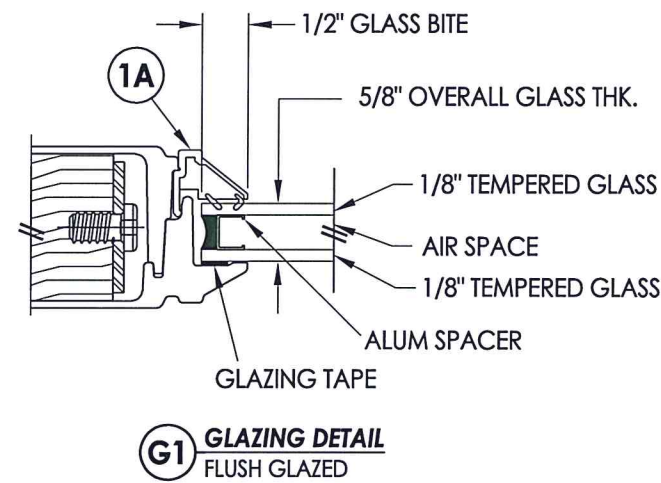


**1**  
**3** **HORIZONTAL CROSS SECTION**

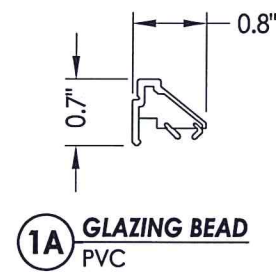


**50** **PLASTPRO SIDELITE PANEL**  
FLUSH GLAZED

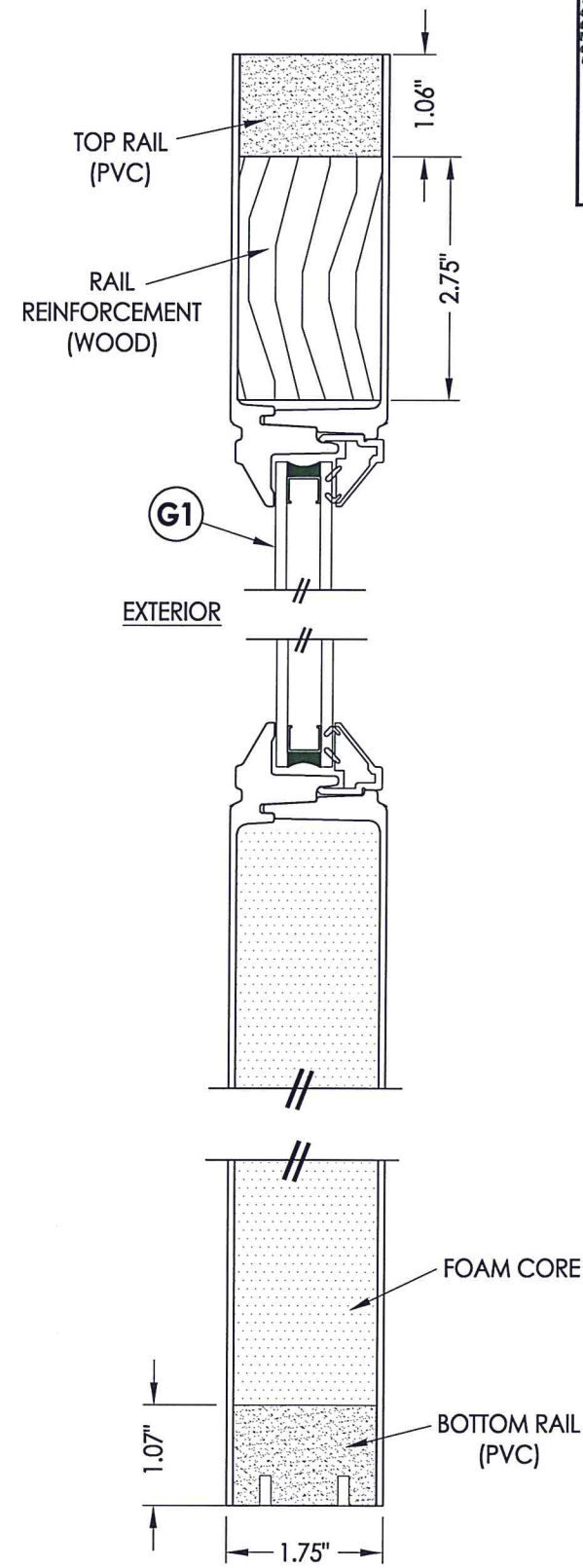
DOOR SKIN: FIBERGLASS (0.086" MIN. THK.)  
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



**G1** **GLAZING DETAIL**  
FLUSH GLAZED



**1A** **GLAZING BEAD**  
PVC



**2**  
**3** **VERTICAL CROSS SECTION**



S. 26.20

Documents Prepared By: Lyndon F. Schmidt, P.E.  
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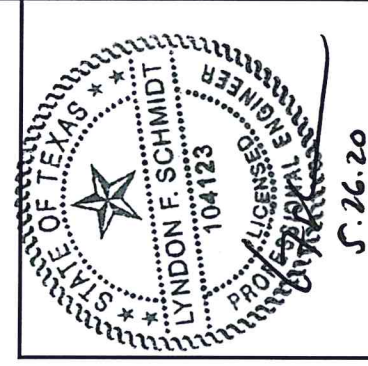
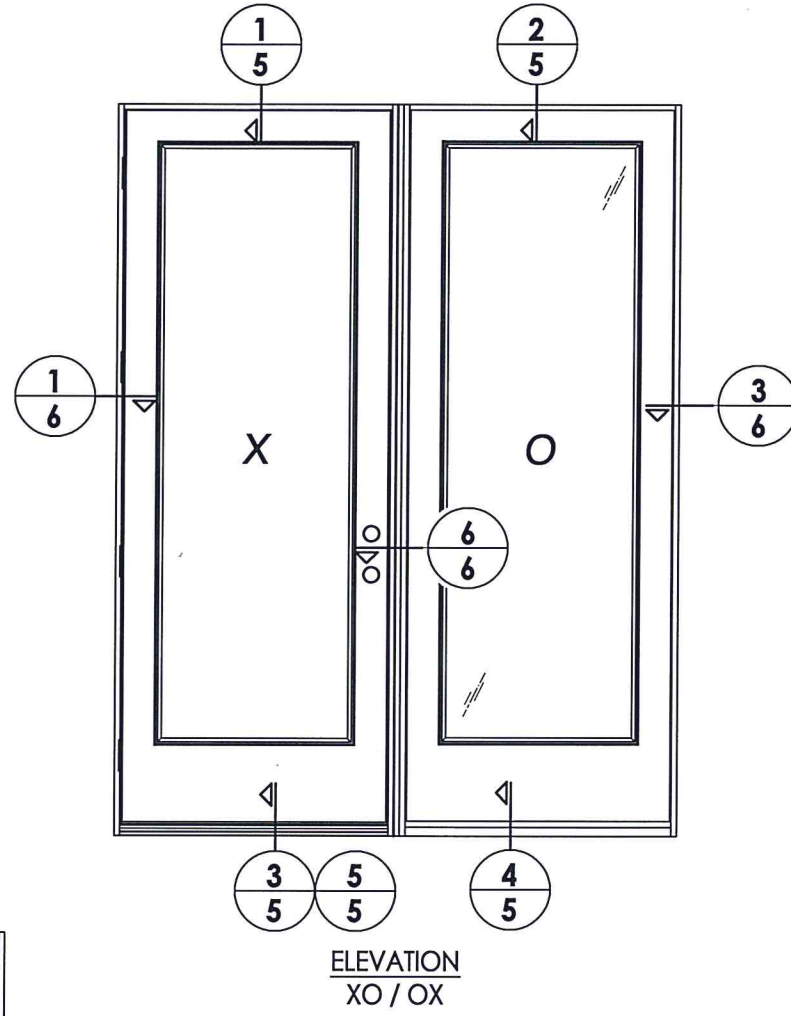
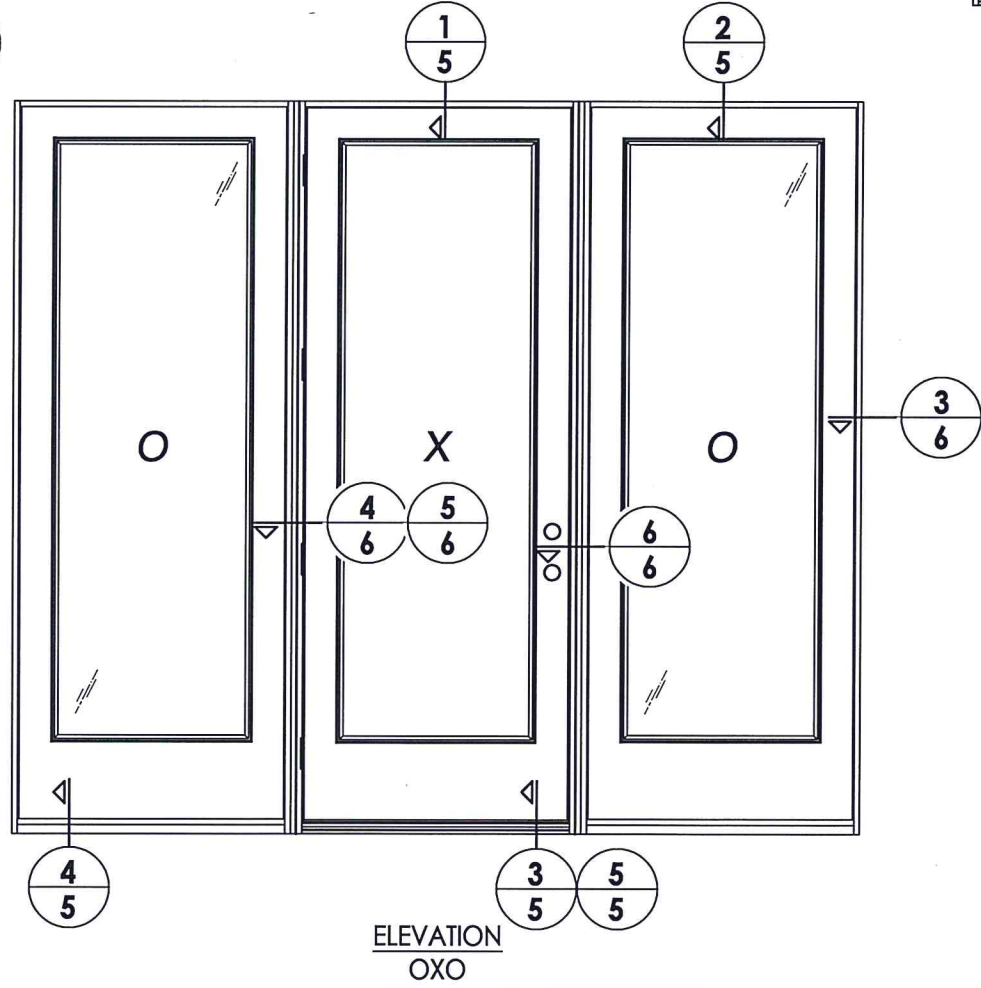
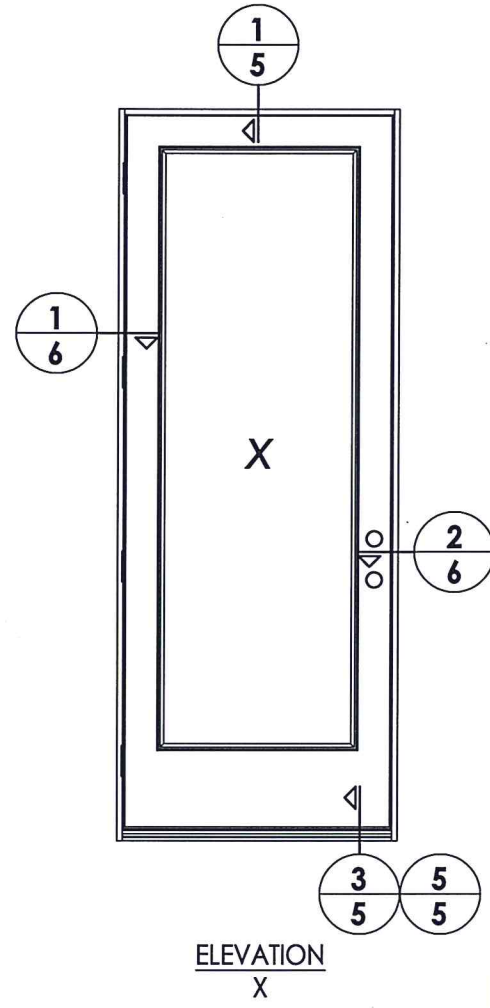
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL, 33595  
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL DETAILS

NO.	DATE	DESCRIPTION	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE	LFS

DATE:	1/13/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4594
SHEET	3 of 8



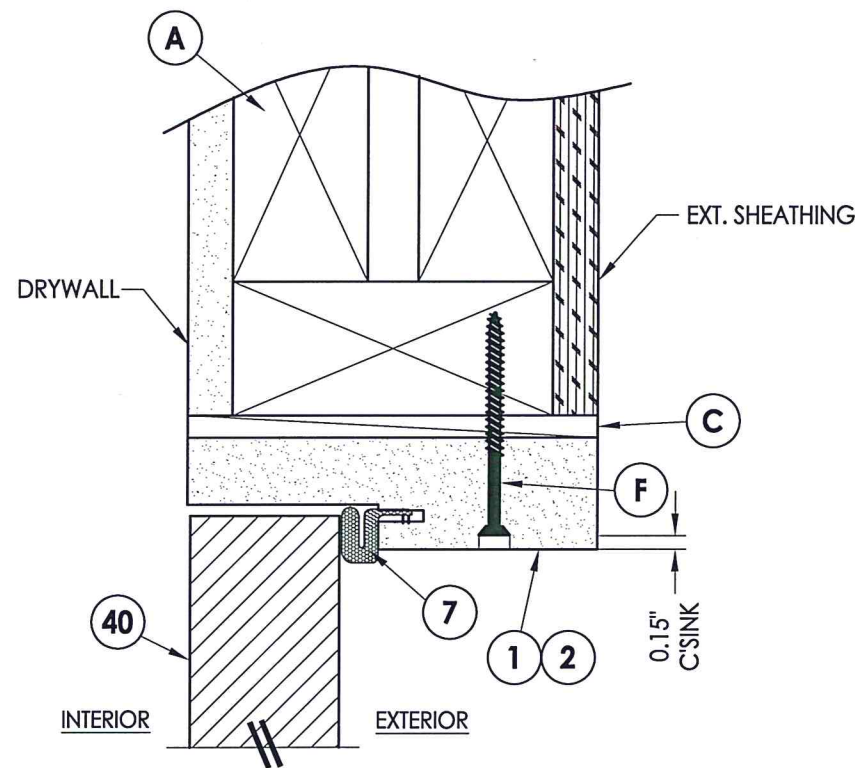
Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123

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

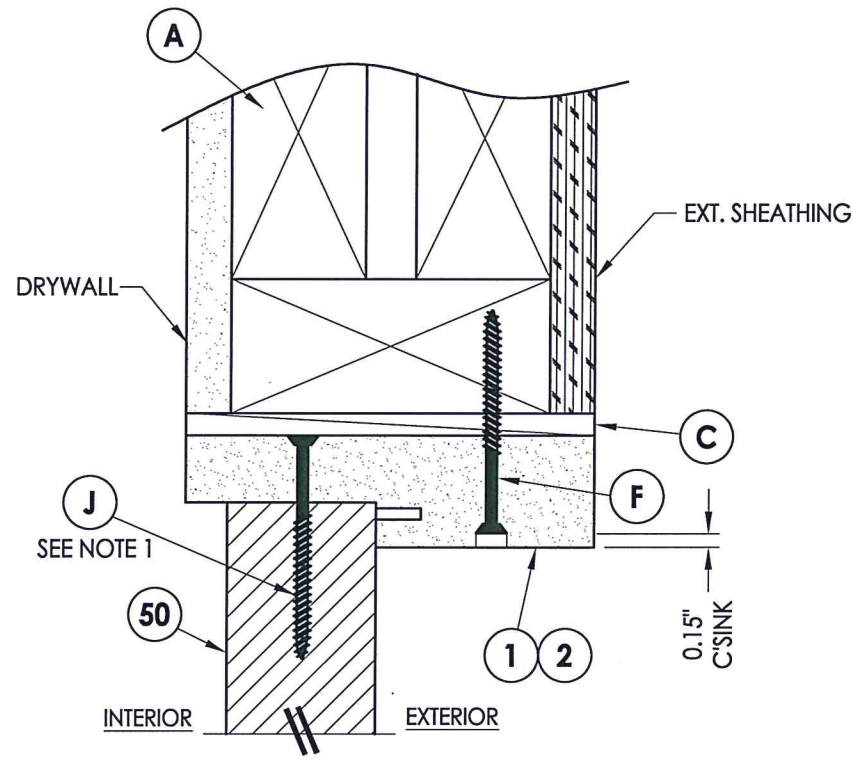
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY: ELEVATIONS	
DATE: 1/13/16	SCALE: N.T.S.
DWG. BY: JK	CHK. BY: LFS
DRAWING NO.: TX-4594	SHEET 4 OF 8
NO. 1	DATE 5/21/20
UPDATE TO 2018 IBC/IRC CODE	
REVISIONS	
LFS	BY



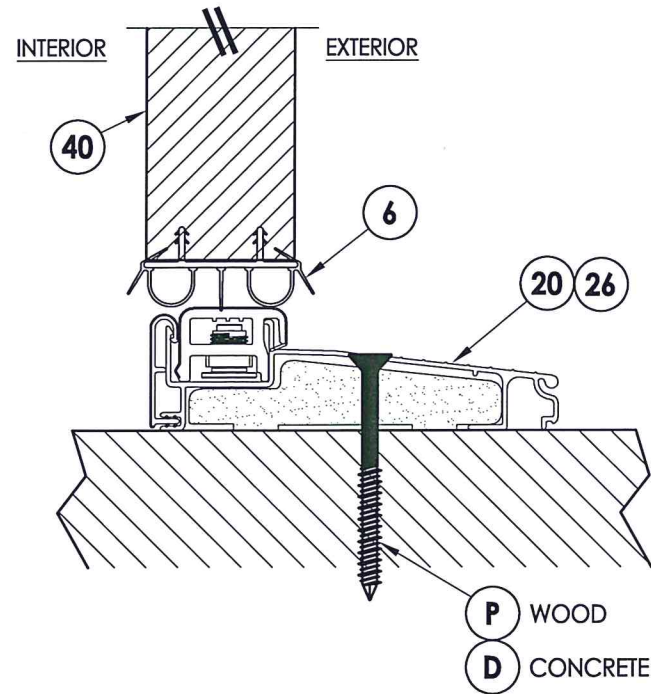


**1** VERTICAL CROSS SECTION  
**5**

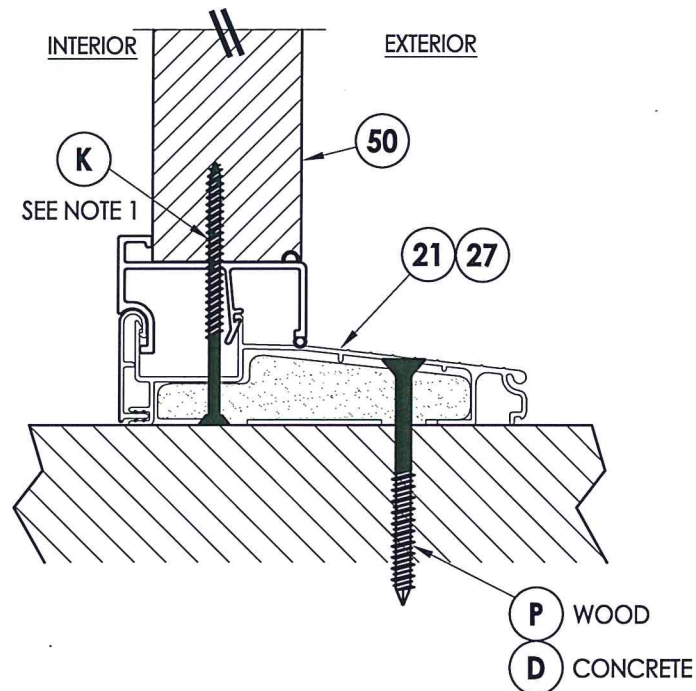


**2** VERTICAL CROSS SECTION  
**5**

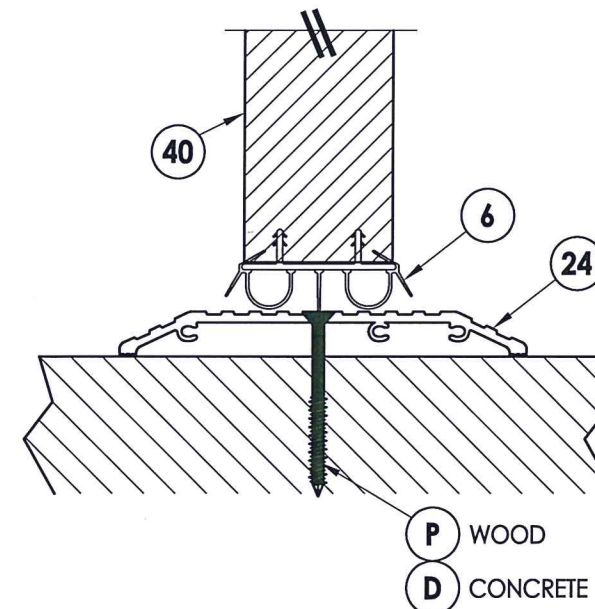
1. NOTE:  
Spacing for items J & K @ head & sill: 6" from each end.



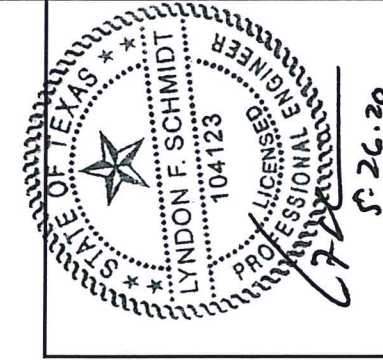
**3** VERTICAL CROSS SECTION  
**5** Inswing sill



**4** VERTICAL CROSS SECTION  
**5** Inswing sill



**5** VERTICAL CROSS SECTION  
**5** ADA Sill

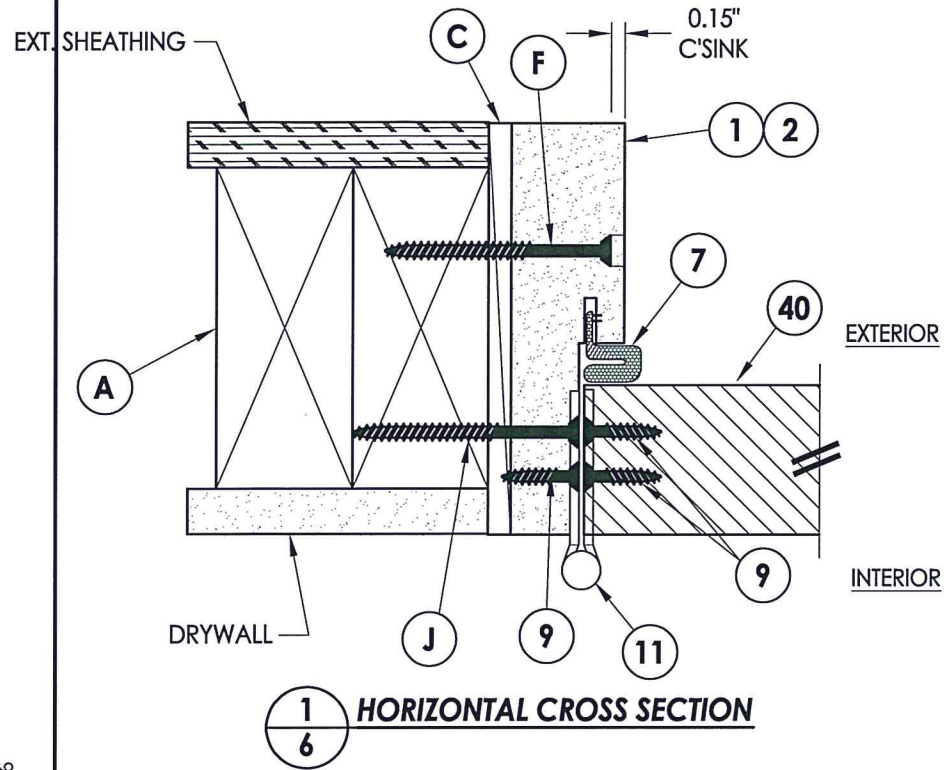


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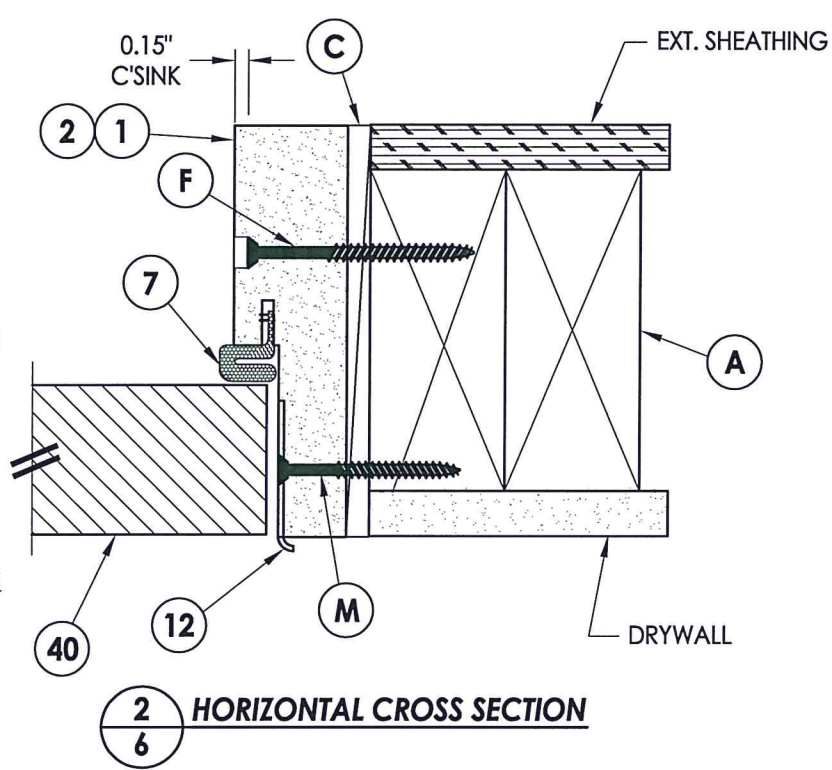
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL, 33595  
Phone No.: 813.659.9197  
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.	DATE	UPDATE TO 2018 IBC/IRC CODE	LFS BY
1	5/21/20		
REVISIONS			
DATE: 1/13/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4594			
SHEET 5 OF 8			

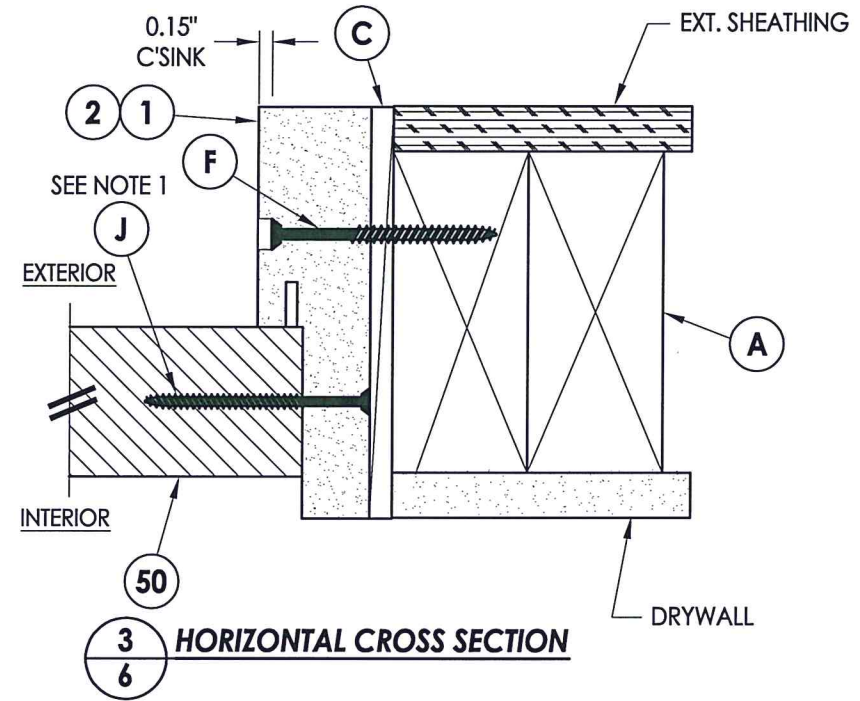




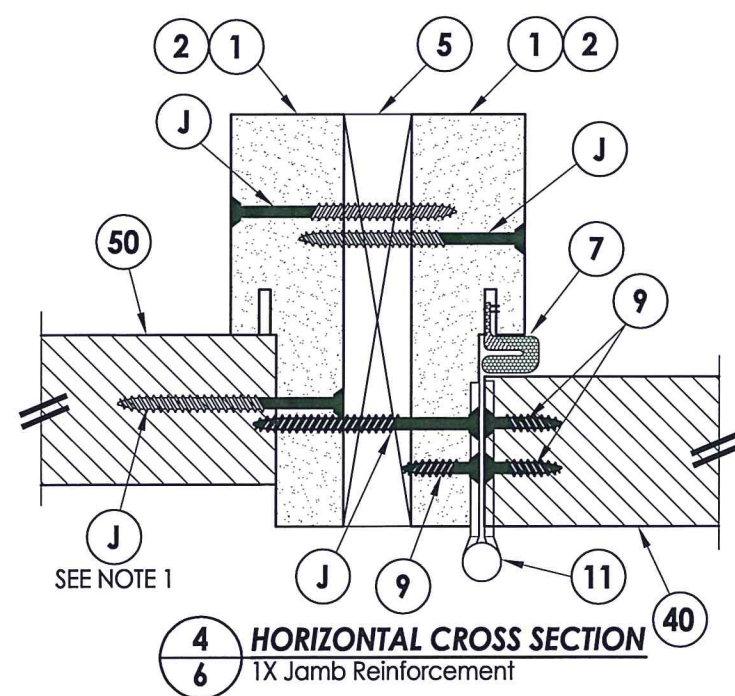
**1**  
**6** HORIZONTAL CROSS SECTION



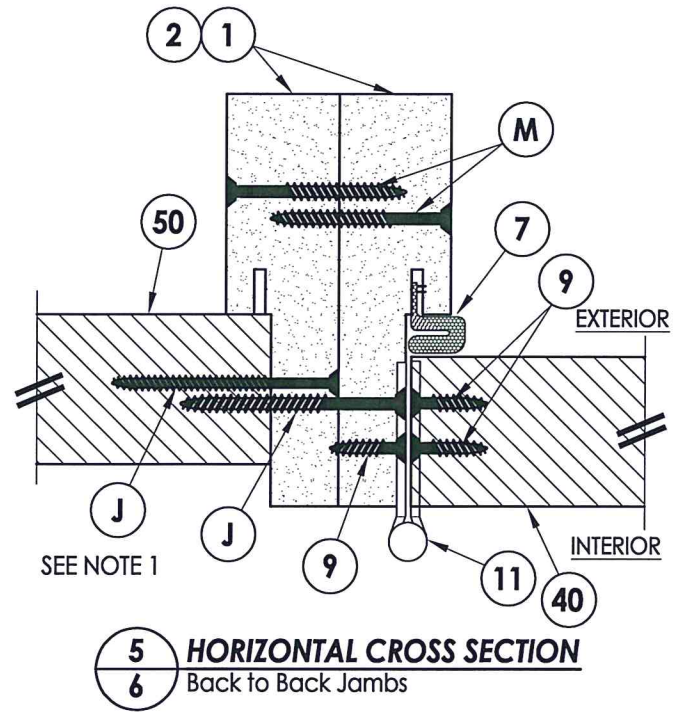
**2**  
**6** HORIZONTAL CROSS SECTION



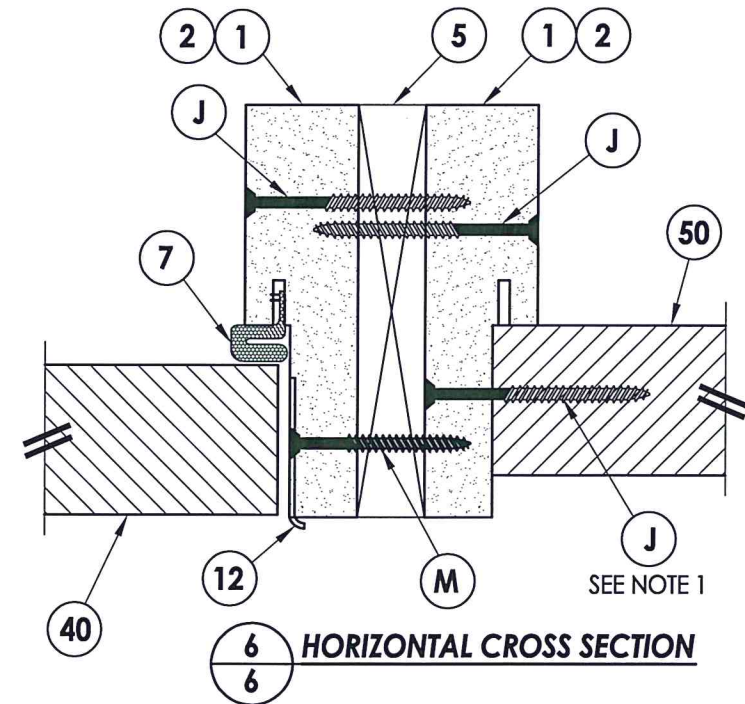
**3**  
**6** HORIZONTAL CROSS SECTION



**4**  
**6** HORIZONTAL CROSS SECTION  
1X Jamb Reinforcement



**5**  
**6** HORIZONTAL CROSS SECTION  
Back to Back Jamb



**6**  
**6** HORIZONTAL CROSS SECTION

NOTE:  
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).



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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR

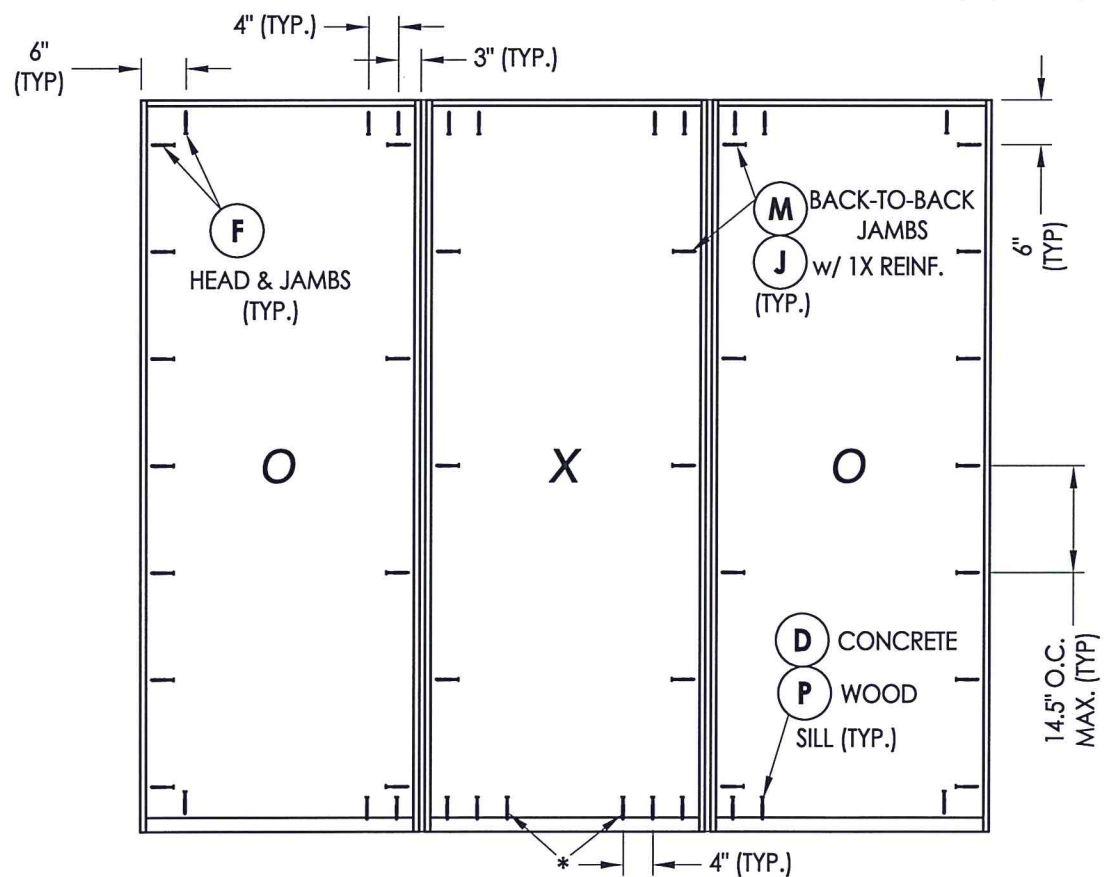
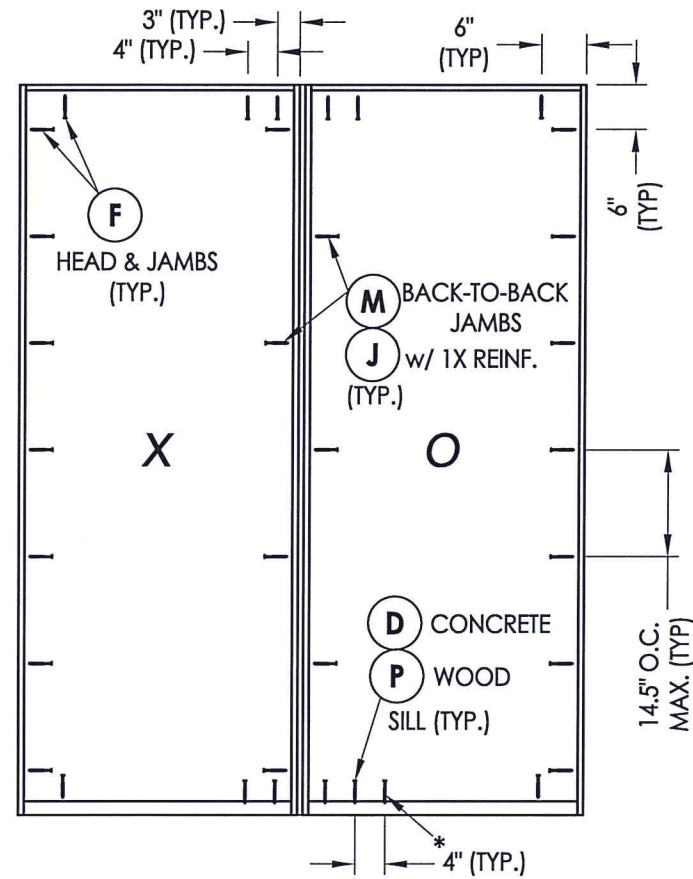
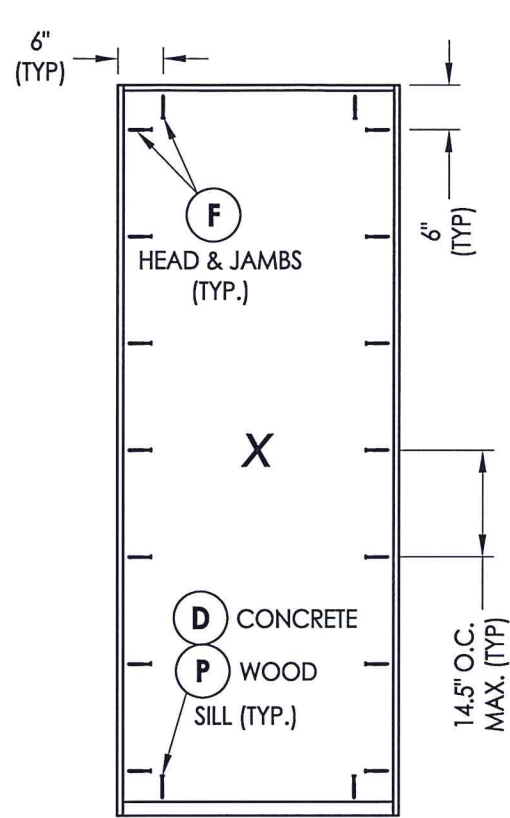
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	DESCRIPTION	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE	LFS

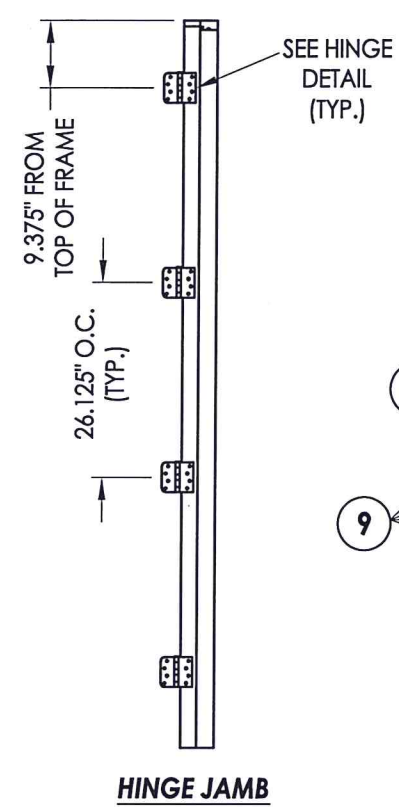
REVISIONS

DATE: 1/13/16  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4594  
SHEET 6 OF 8

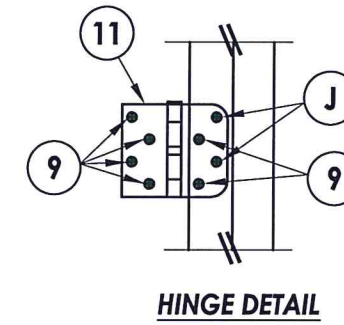




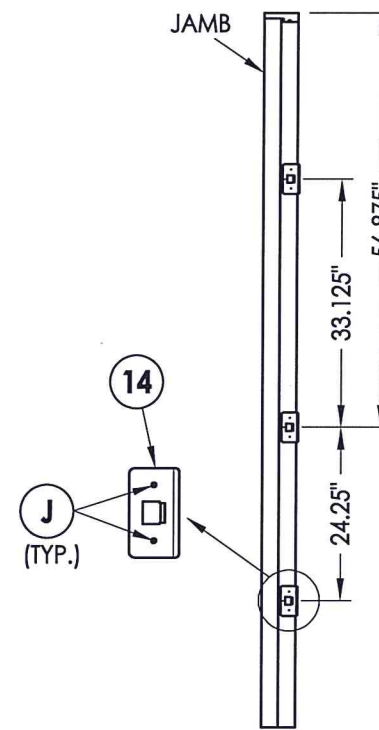
**FRAME ANCHORING**



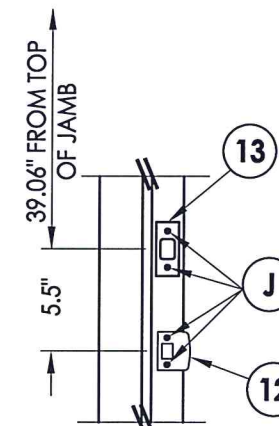
**HINGE JAMB**



**HINGE DETAIL**



**MULTI-POINT LOCK STRIKE PLATE DETAILS**



**LATCH AND DEADBOLT STRIKE PLATE DETAILS**



Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123

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P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	DESCRIPTION	LFS	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE		
REVISIONS				

DATE: 1/13/16

SCALE: N.T.S.

DWG. BY: JK

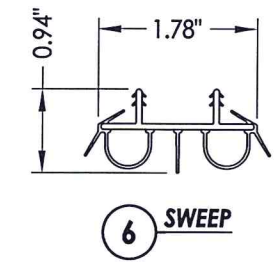
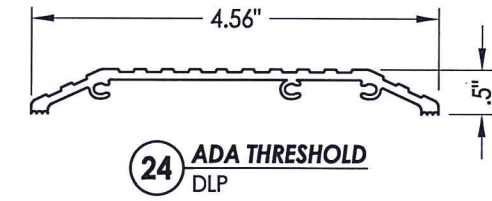
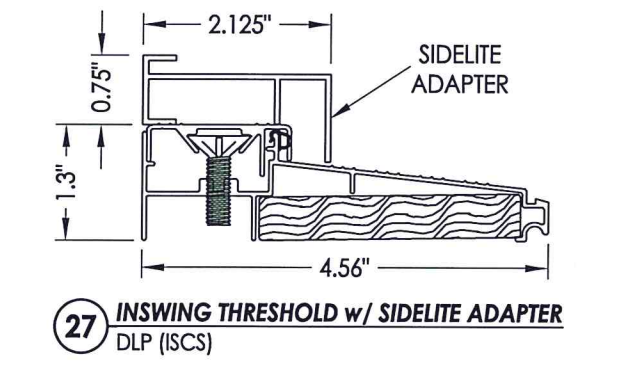
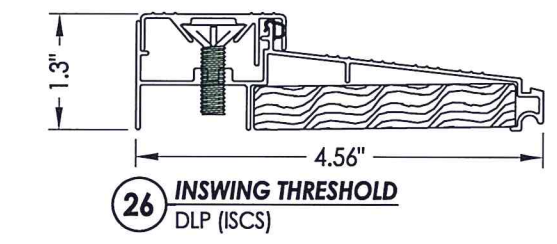
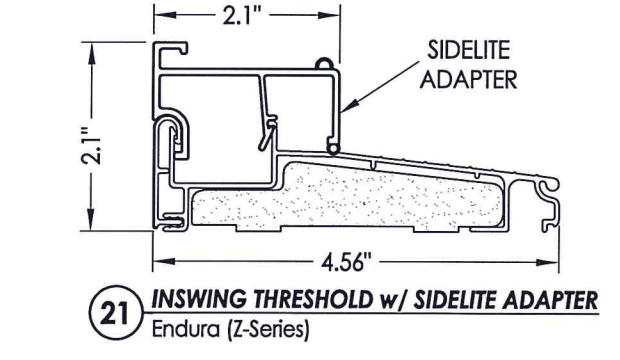
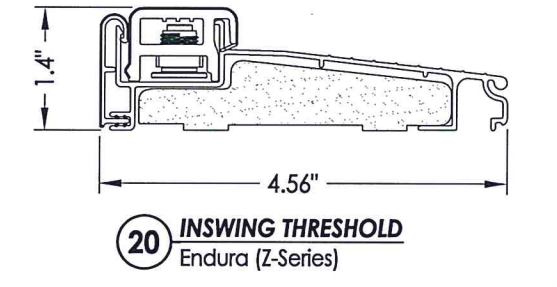
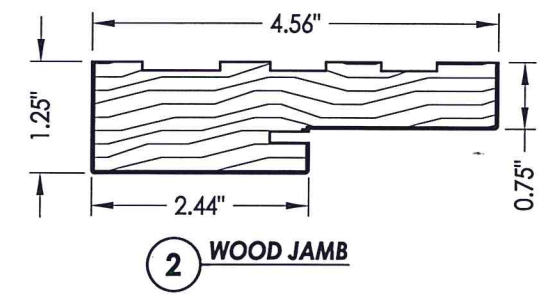
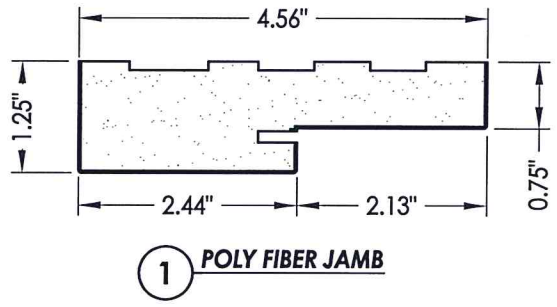
CHK. BY: LFS

DRAWING NO.: TX-4594

SHEET 7 OF 8



BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
J	#10 X 2-1/2" PFH WOOD SCREW	STEEL
K	#10 X 3" PFH WOOD SCREW	STEEL
M	#10 X 2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP.
2	WOOD JAMB	WOOD
5	1X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
9	#9 x 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	MULTI-POINT LOCK STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	ADA THRESHOLD	ALUM
26	INSWING THRESHOLD	ALUM/WOOD
27	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
40	DOOR PANEL	-
50	SIDELITE PANEL	-



**CONCRETE ANCHOR NOTES:**

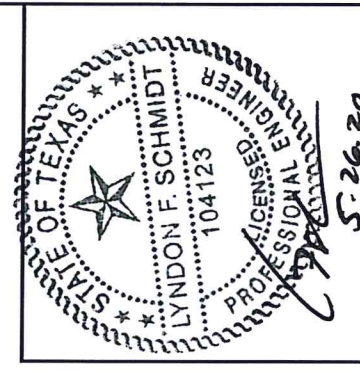
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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 BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

- Concrete: 3,000 psi min. conforming to ACI 301.

**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.



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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	DESCRIPTION
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE

REVISIONS

DATE: 1/13/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4594

SHEET 8 OF 8