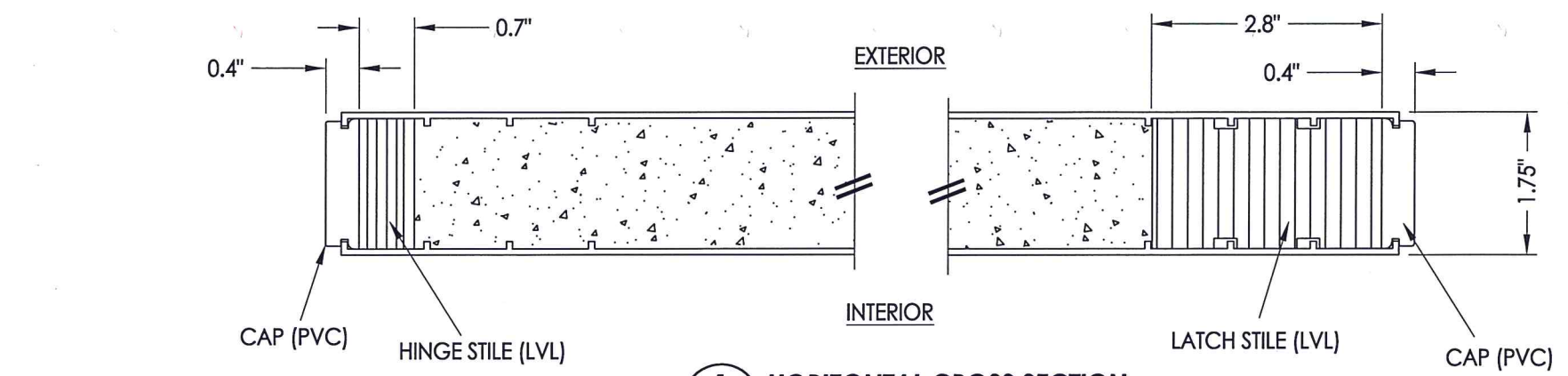
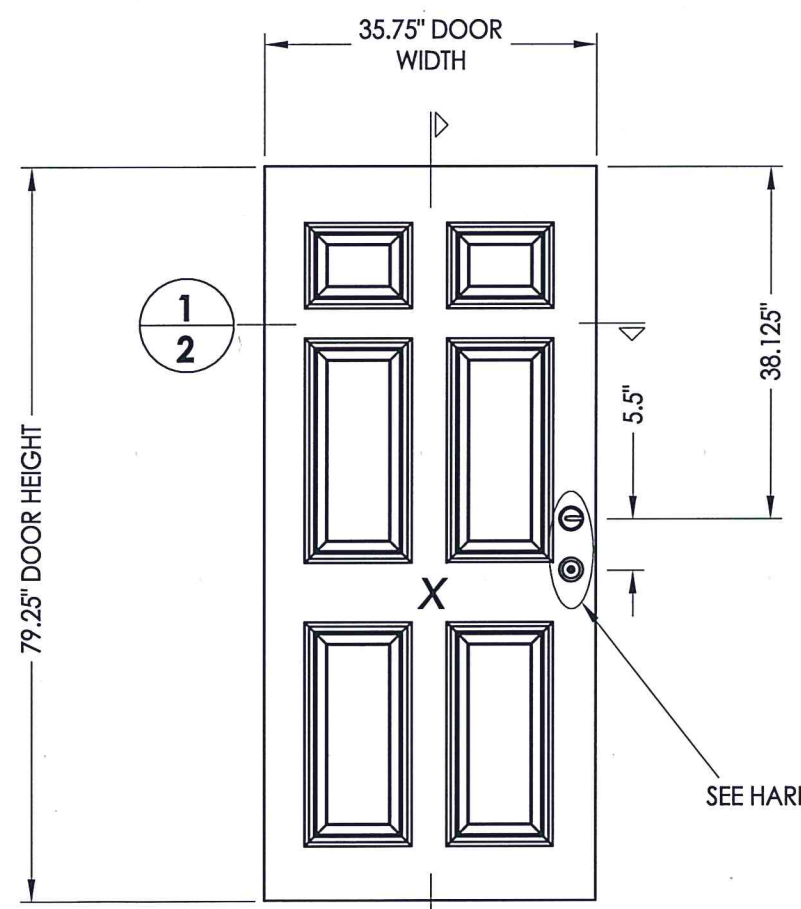




R:\Clients\Plastpro, Inc PERMANENT\B - TD\Hinged Doors - Fiberglass\DR - 639 Opaque Fiberglass (Non-Impact)\C - Drawings\TX-4102.dwg, 2.1

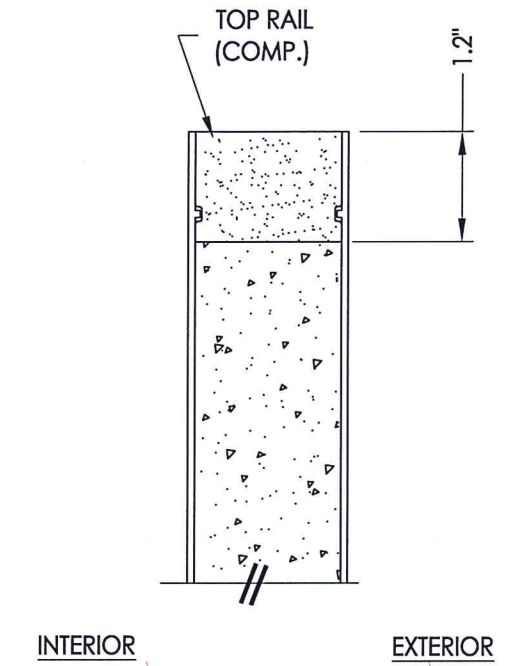


**1**  
**2** **HORIZONTAL CROSS SECTION**

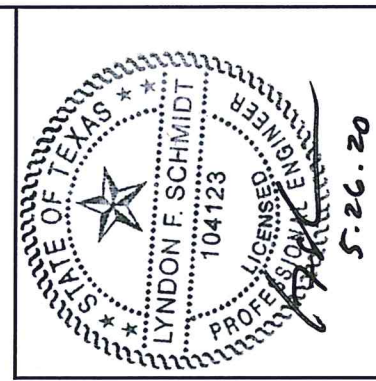


**40** **DOOR PANEL**  
Plastpro  
Fiberglass

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)
SCHLAGE	KNOB: "F" SERIES (F10) LEVER: "F" SERIES (F10)
SCHLAGE	DEADBOLT: "B" SERIES (B60/62)
SCHLAGE	HANDLE SET W/DEADBOLT: "F" SERIES (F60)



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



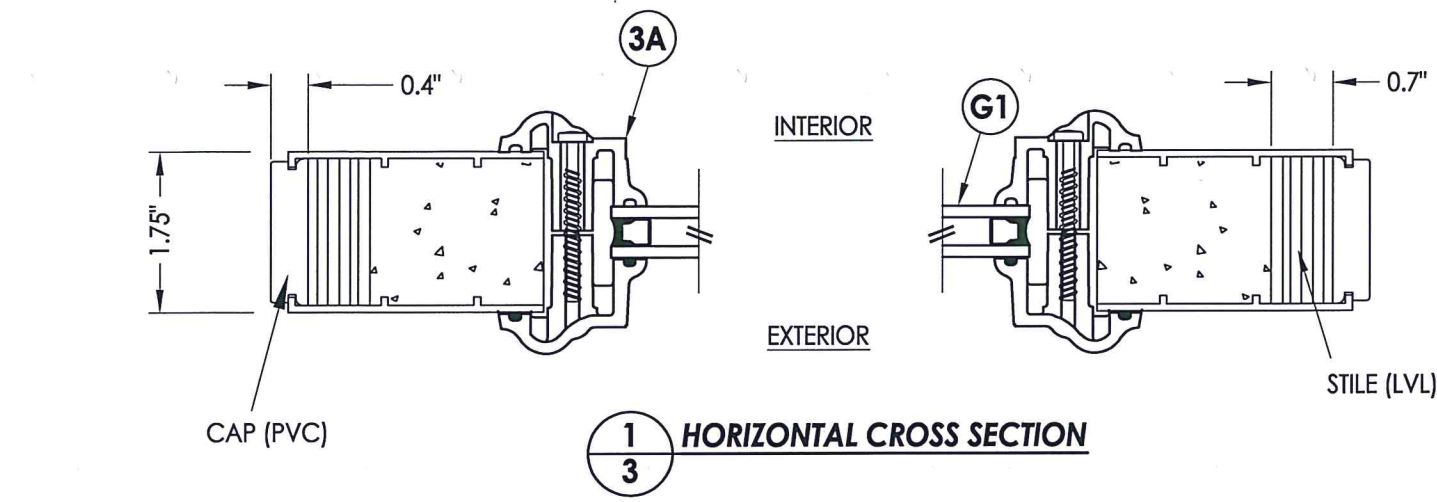
Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123

**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

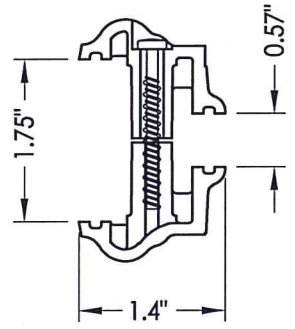
PRODUCT: PLASTPRO  
FIBERGLASS DOOR  
PART OR ASSEMBLY:  
DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS
2	5/26/20	LFS	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	LFS	ADD LOCK OPTIONS

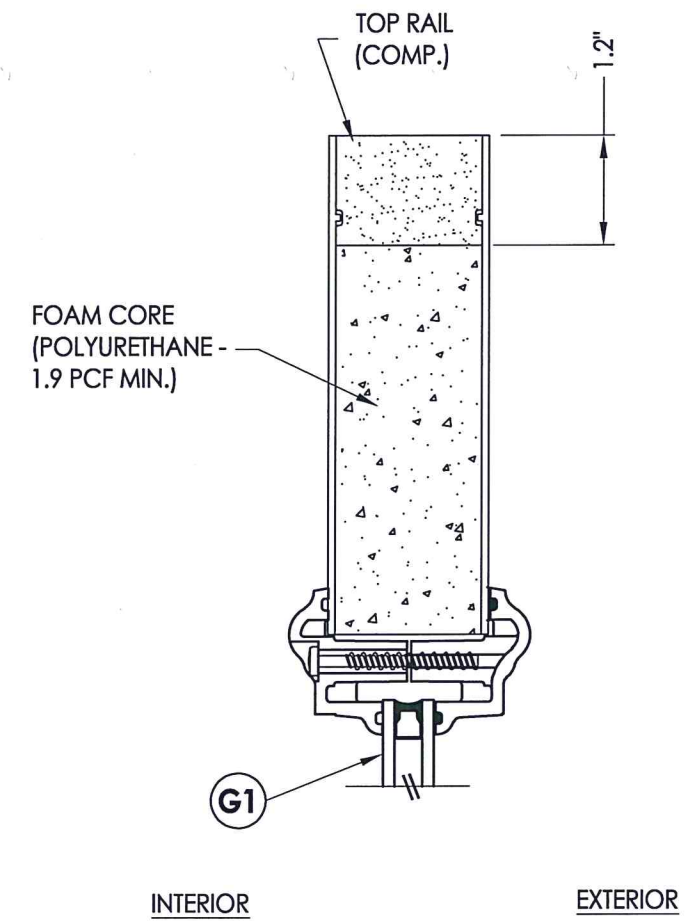
DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 2 OF 11



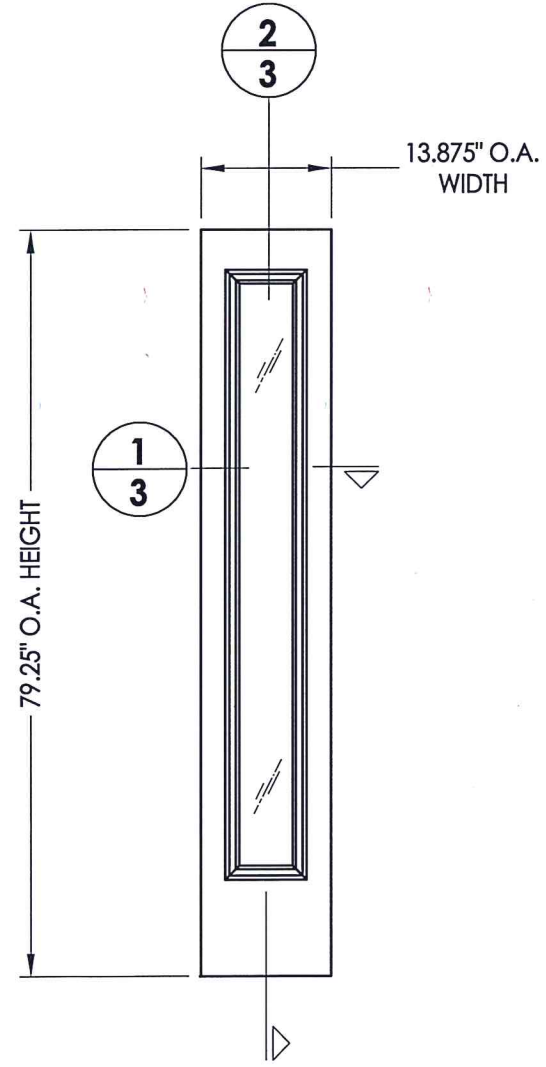
**1**  
**3** HORIZONTAL CROSS SECTION



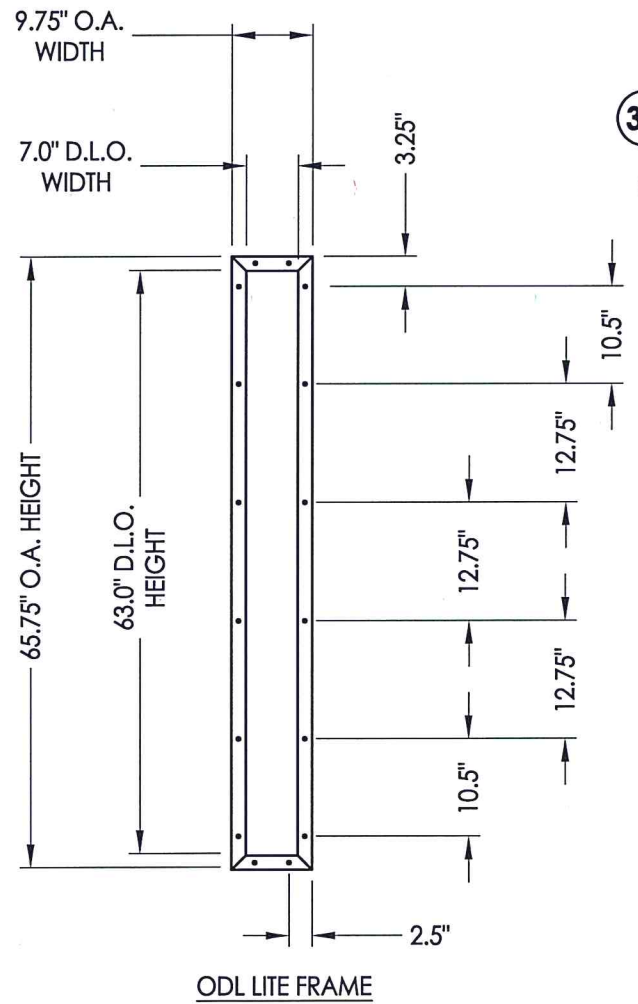
**3A** OD LITE FRAME  
HP Polypropylene



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



**50** SIDELITE PANEL  
Plastpro  
Fiberglass



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

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

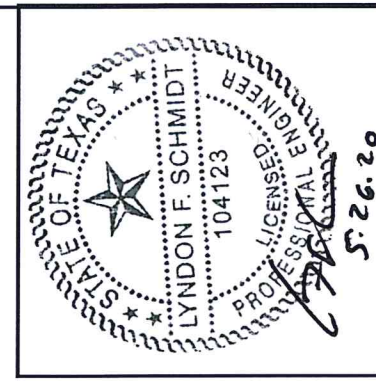
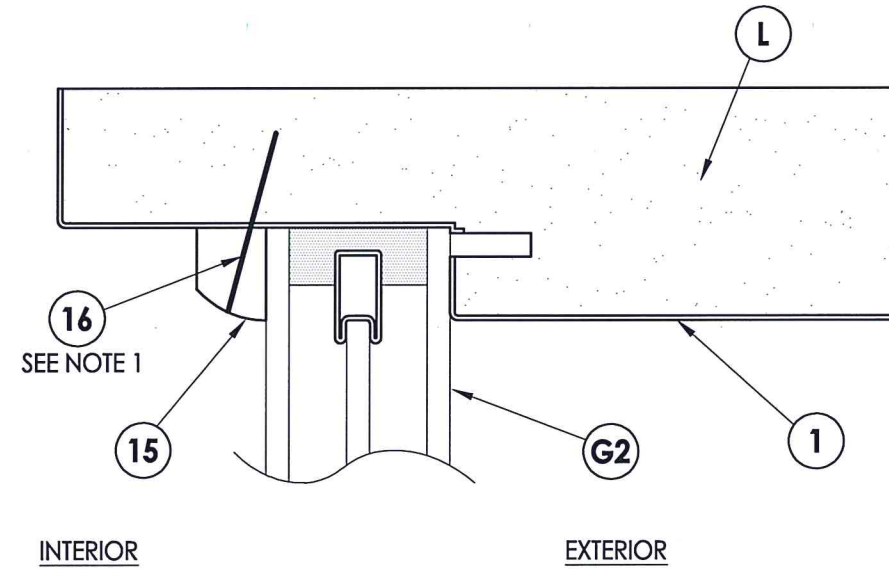
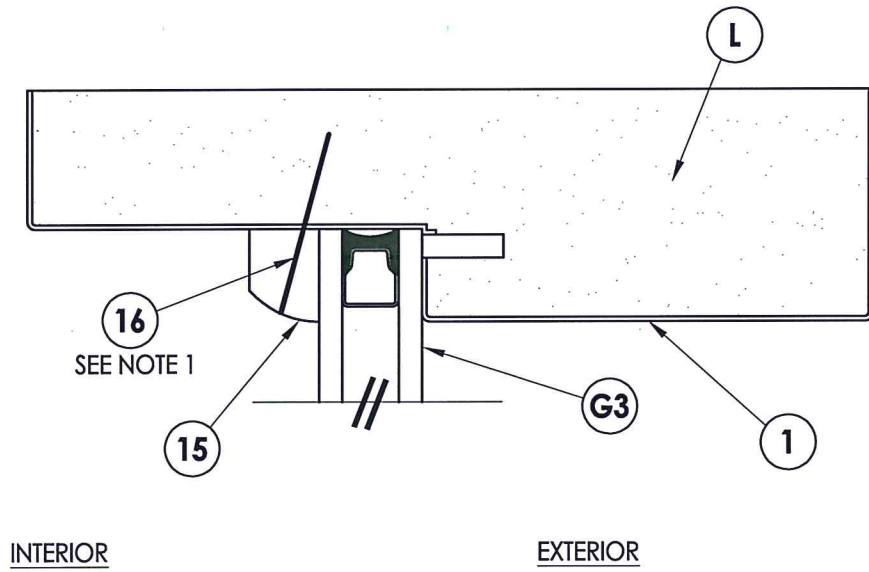
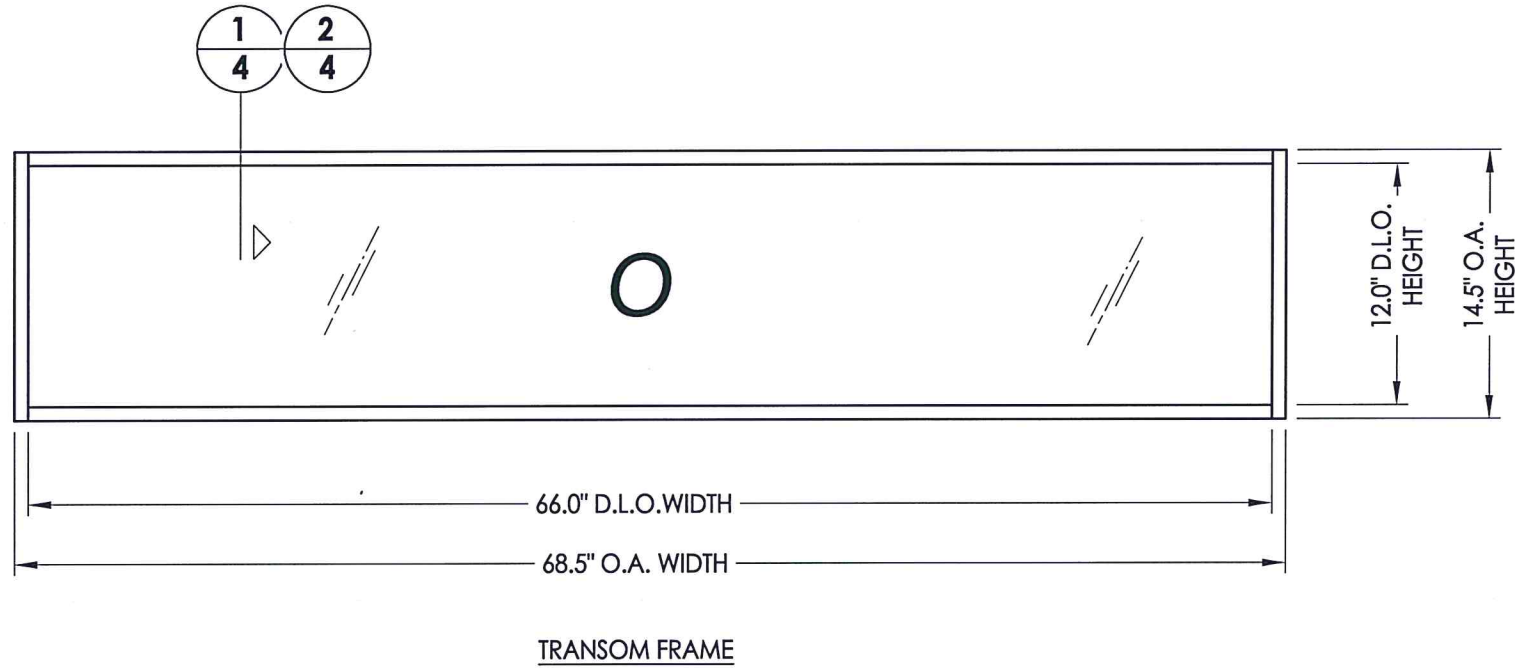
PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL DETAILS

NO.	DATE	BY	REVISIONS
2	5/26/20	LFS	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	LFS	ADD LOCK OPTIONS

DATE:	6/23/10
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4102
SHEET	3 of 11

**NOTE:**

1. Spacing for item #16: 1" from ends and 8" o.c. thereafter.



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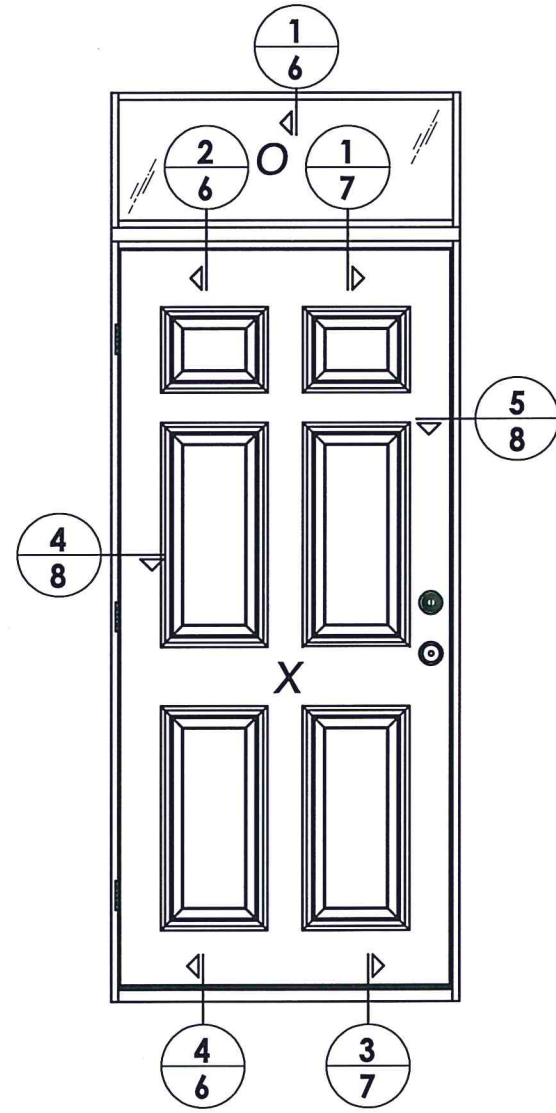
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197

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

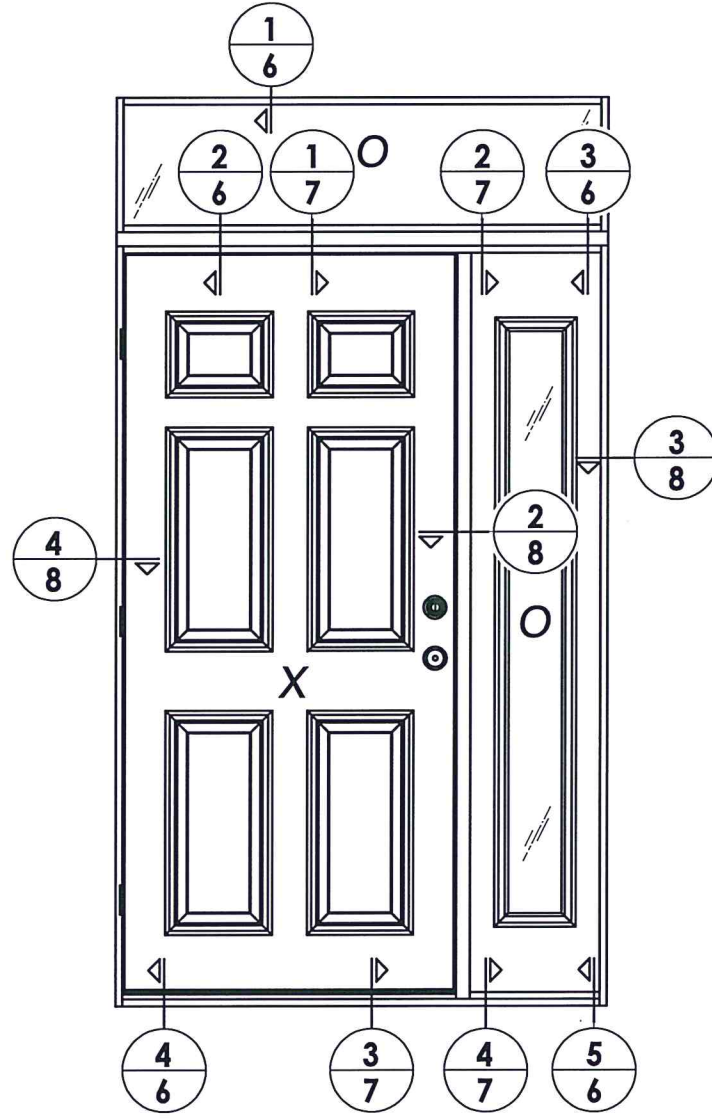
PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	TRANSOM PANEL DETAILS

NO.	DATE	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS

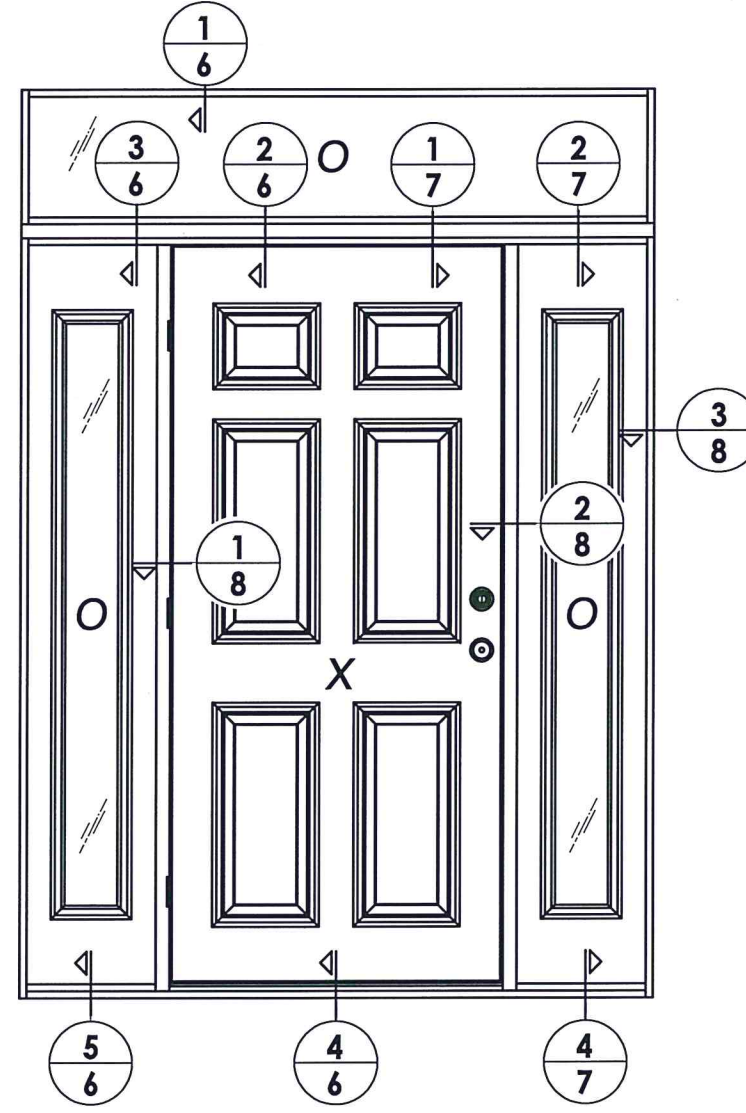
DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 4 OF 11



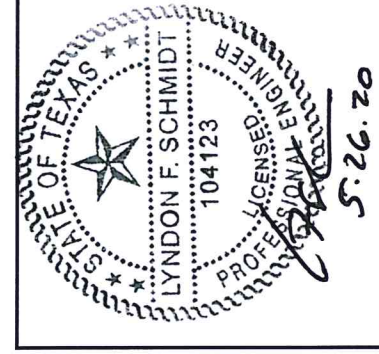
ELEVATION (O/X)



ELEVATION (O/XO - O/OX)



ELEVATION (O/OXO)



Documents Prepared By: Lyndon F. Schmidt, P.E.  
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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

NO.	DATE	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS
		LFS
		BY

DATE: 6/23/10

SCALE: N.T.S.

DWG. BY: JK

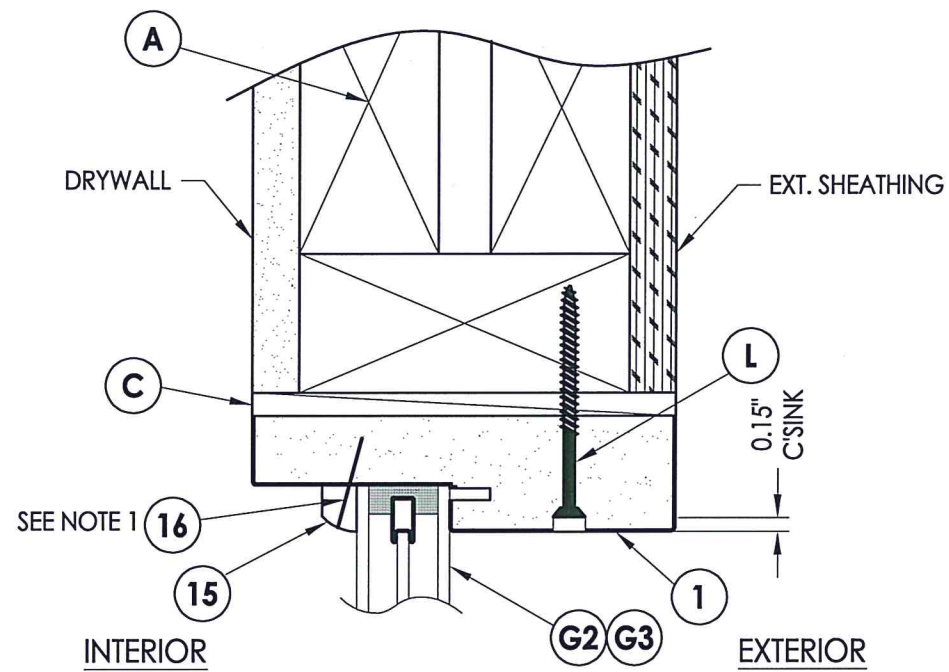
CHK. BY: LFS

DRAWING NO.:

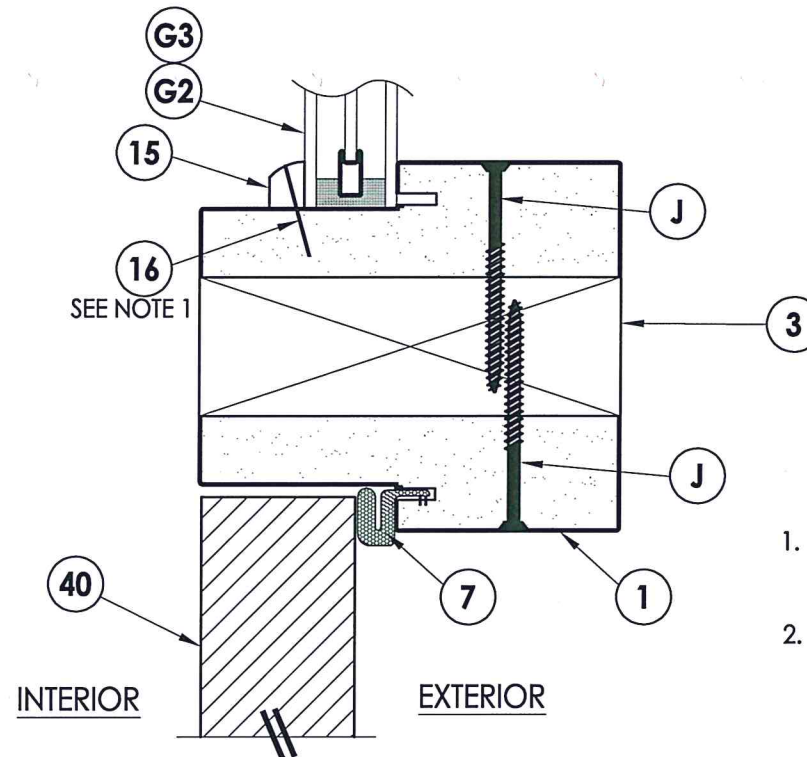
TX-4102

SHEET 5 OF 11

R:\Clients\Plastpro, Inc PERMANENT\B - TD\Hinged Doors - Fiberglass\DR - 639 Opaque Fiberglass (Non-Impact)\C - Drawings\TX-4102.dwg, 6.1

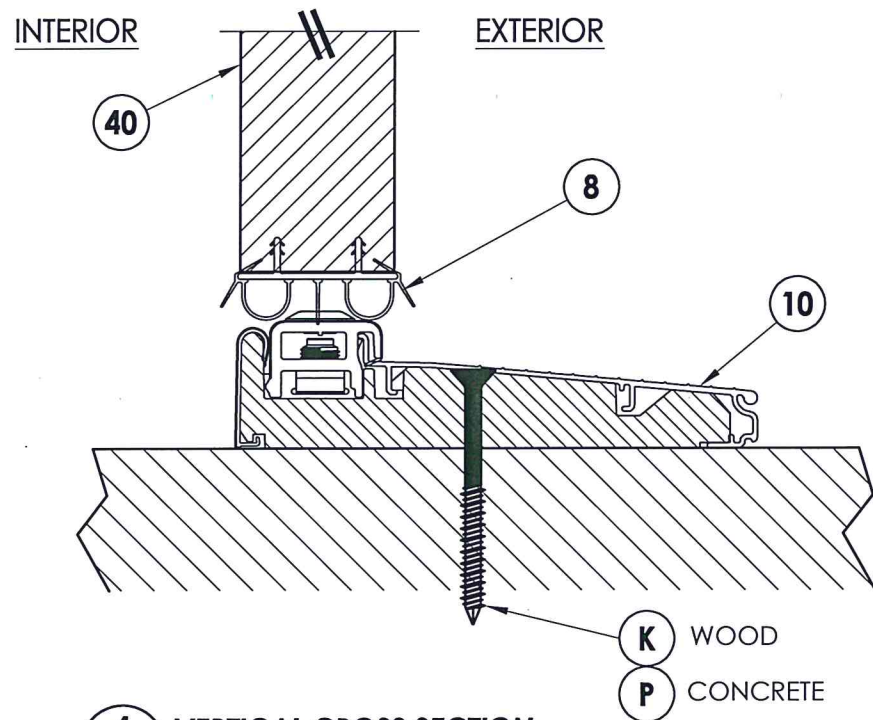


**1** VERTICAL CROSS SECTION  
**6** Inswing shown

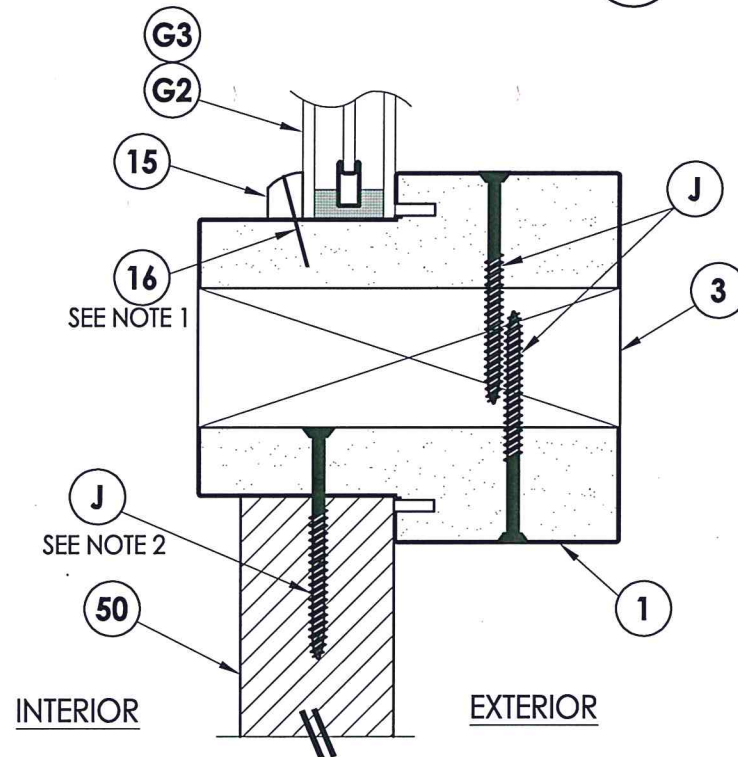


**2** VERTICAL CROSS SECTION  
**6** Inswing shown

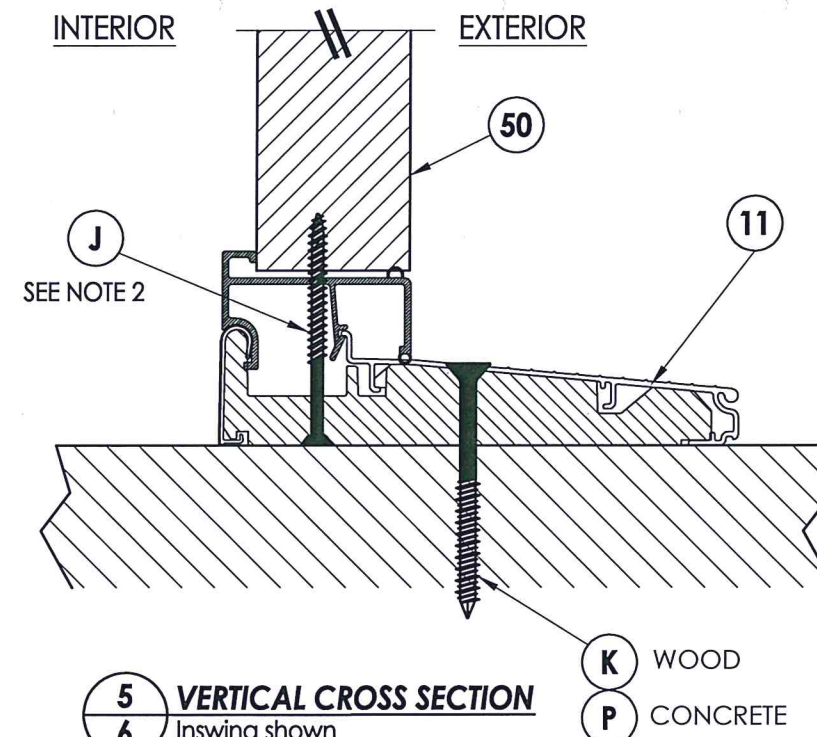
NOTE:  
1. Spacing for item #16: 1" from ends and 8" o.c. thereafter.  
2. Spacing for item J: 3.75" from each end.



**4** VERTICAL CROSS SECTION  
**6** Inswing shown



**3** VERTICAL CROSS SECTION  
**6** Inswing shown



**5** VERTICAL CROSS SECTION  
**6** Inswing shown



Documents Prepared By: Lyndon F. Schmidt, P.E.  
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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	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS

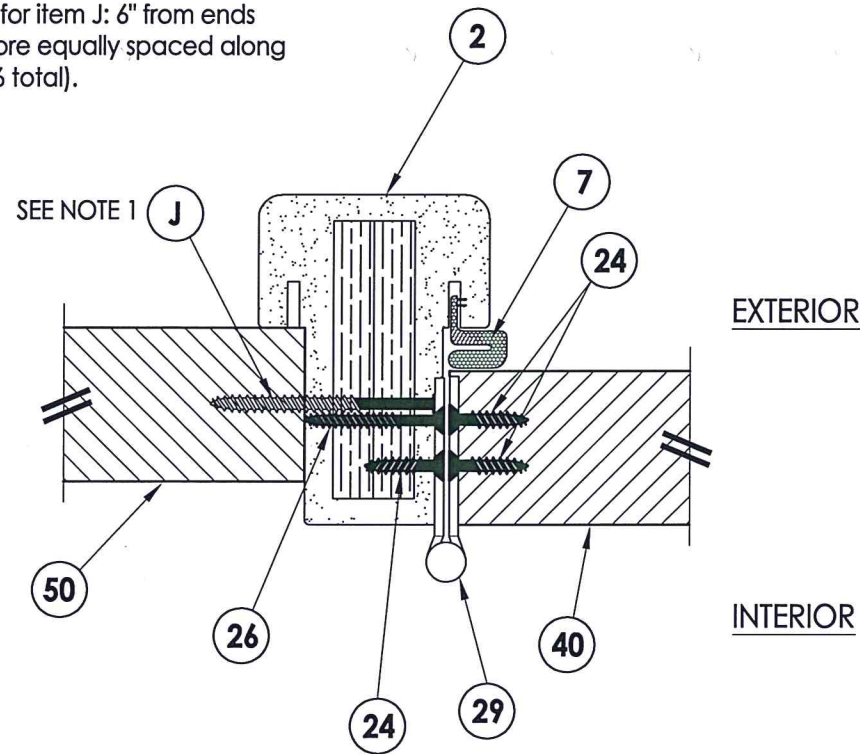
DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 6 OF 11



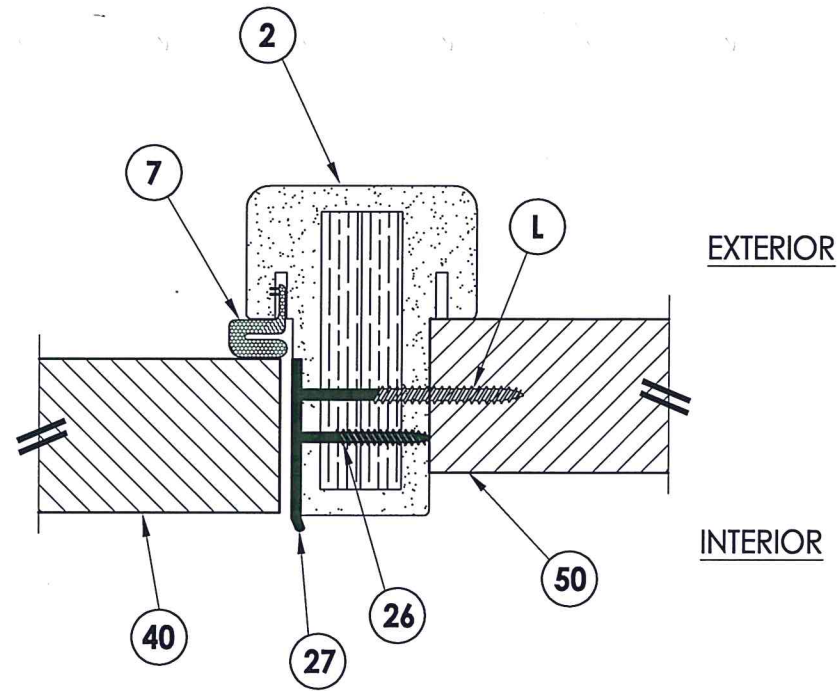
R:\Clients\Plastpro, Inc PERMANENT\B - TD\Hinged Doors - Fiberglass\DR - 639 Opaque Fiberglass (Non-Impact)\C - Drawings\TX-4102.dwg, 8.1

**NOTE:**

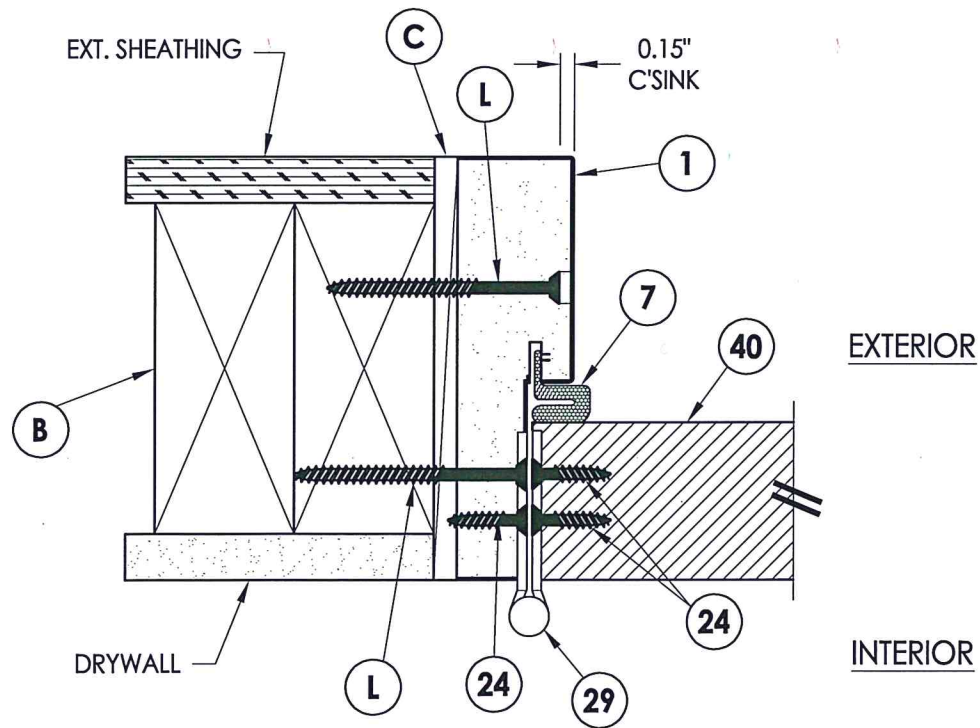
1. Spacing for item J: 6" from ends and 4 more equally spaced along sidelite (6 total).



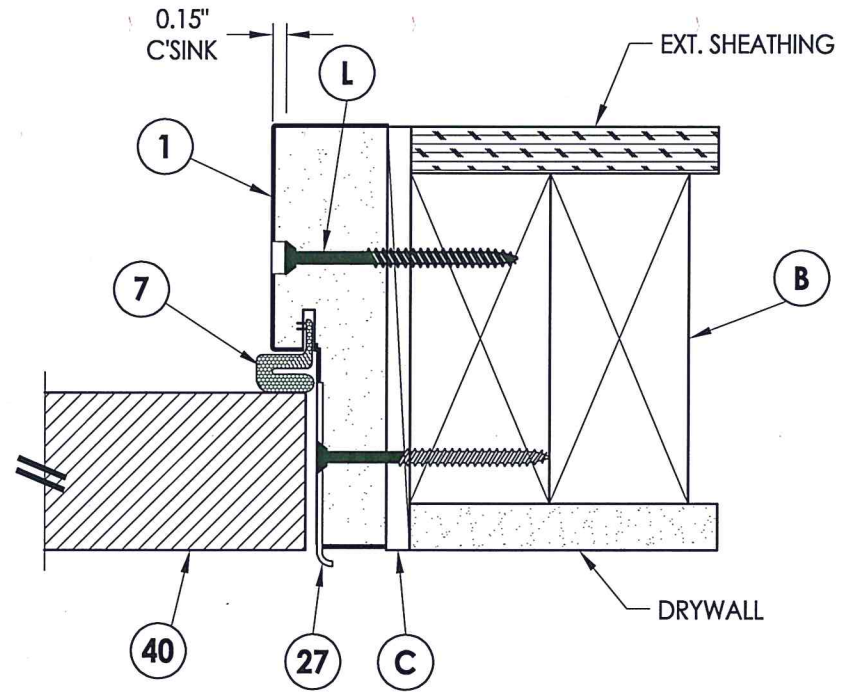
**1** **HORIZONTAL CROSS SECTION**  
**8** Inswing shown - outswing also approved



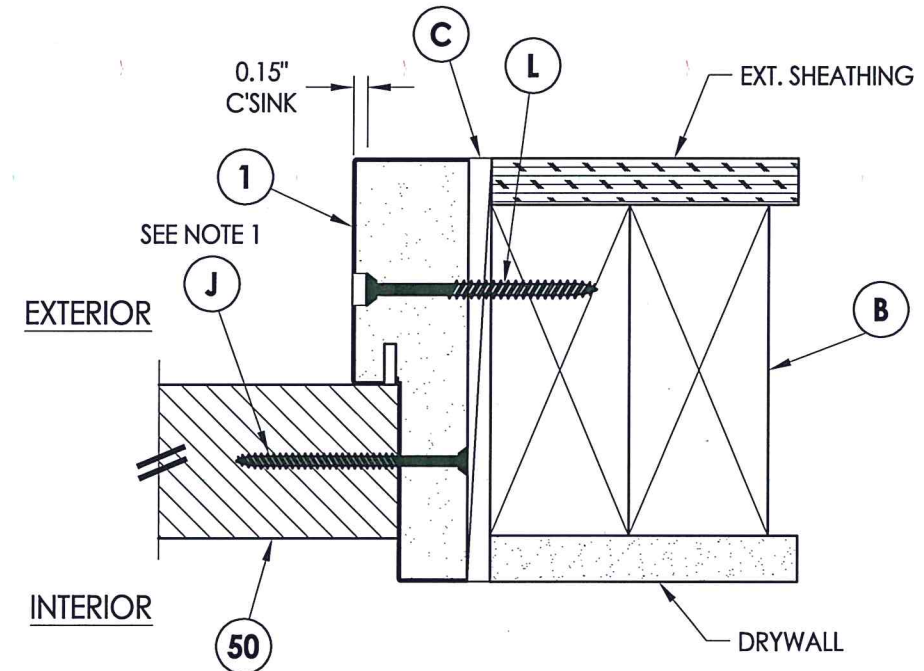
**2** **HORIZONTAL CROSS SECTION**  
**8** Inswing shown - outswing also approved



**4** **HORIZONTAL CROSS SECTION**  
**8** Inswing shown - outswing also approved



**5** **HORIZONTAL CROSS SECTION**  
**8** Inswing shown - outswing also approved



**6** **HORIZONTAL CROSS SECTION**  
**8** Inswing shown - outswing also approved



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

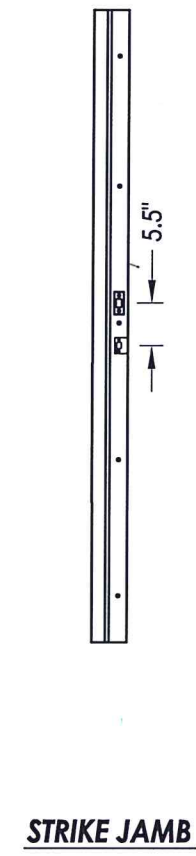
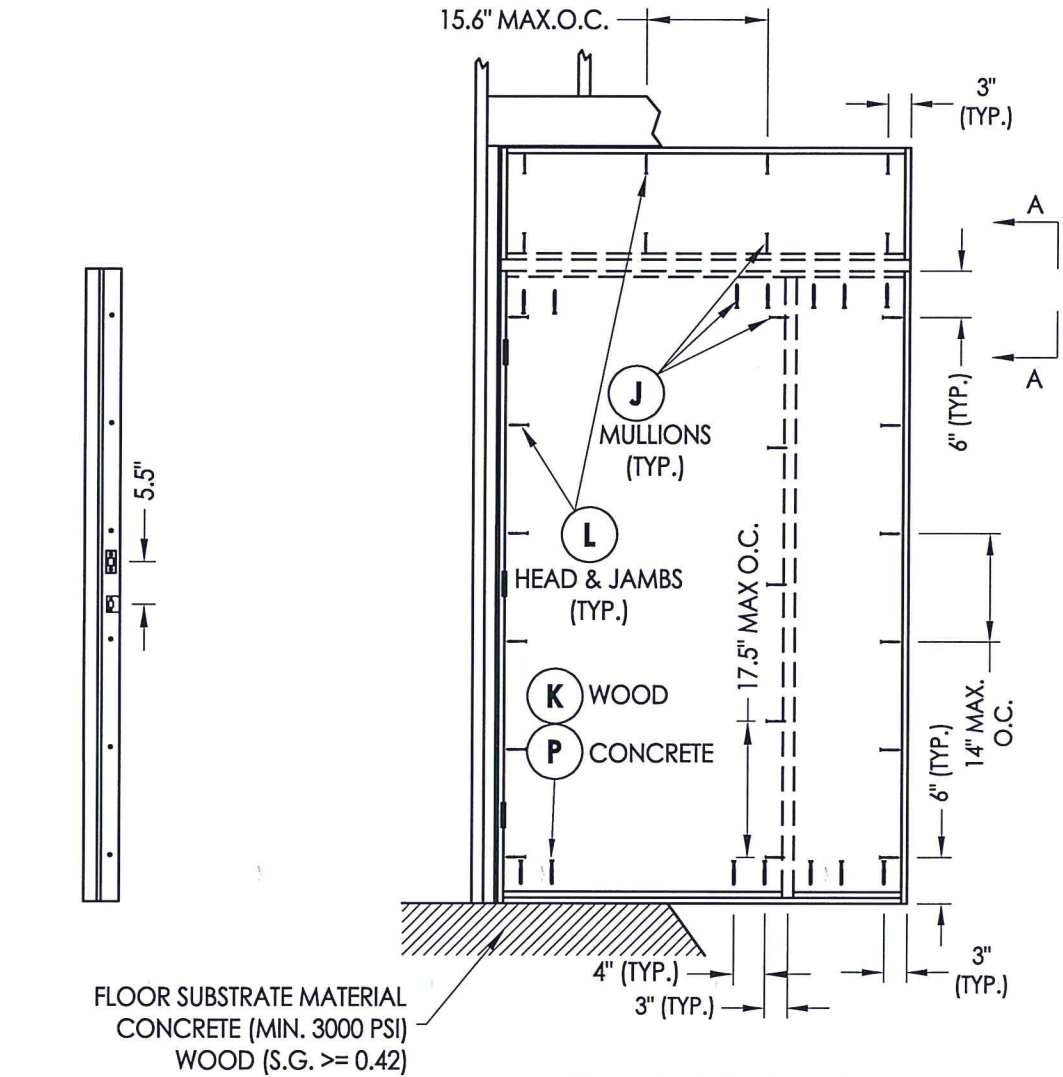
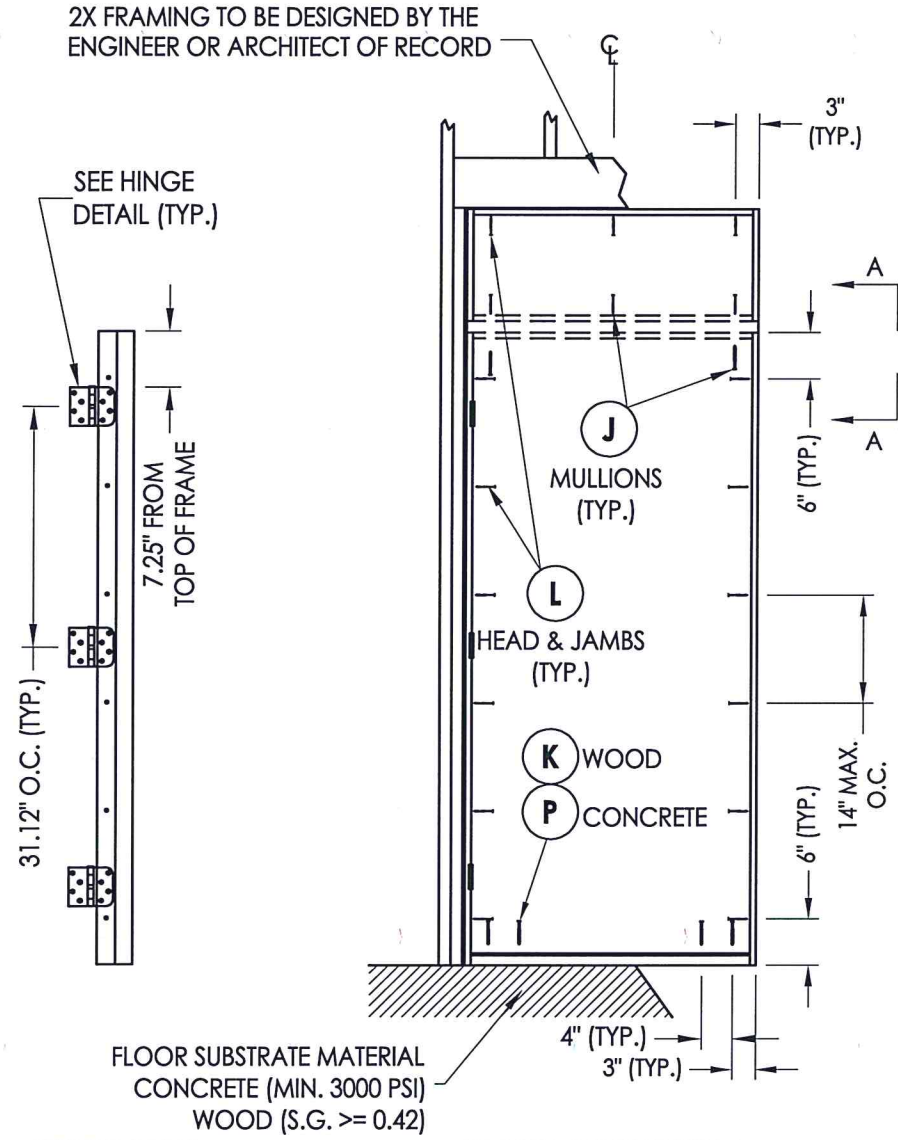
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS
2	5/26/20	LFS	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	LFS	ADD LOCK OPTIONS

DATE: 6/23/10  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: TX-4102  
 SHEET 8 of 11

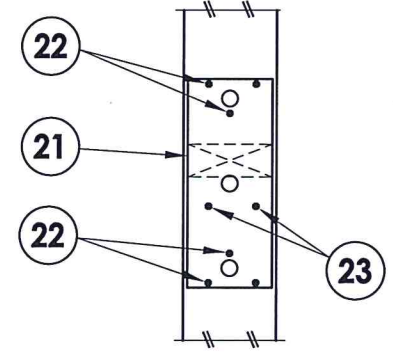




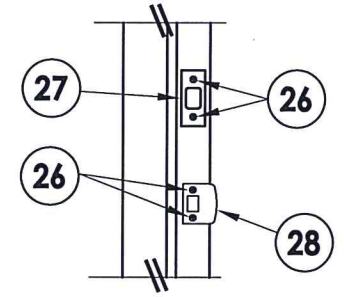
**CONCRETE ANCHOR NOTES:**

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. 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.
3. Concrete anchor table:

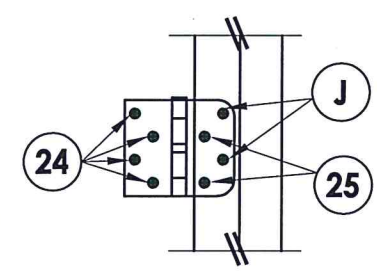
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW	1/4"	1-1/4"	2-1/2"	3"
ELCO	1/4"	1-1/4"	1"	4"



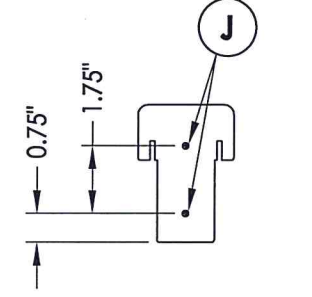
**VIEW A-A**  
Mullion Clip Detail



**LATCH AND DEADBOLT**  
Details



**HINGE DETAIL**



**MULLION END DETAIL**  
@ Head and Sill



Documents Prepared By: Lyndon F. Schmidt, P.E.  
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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

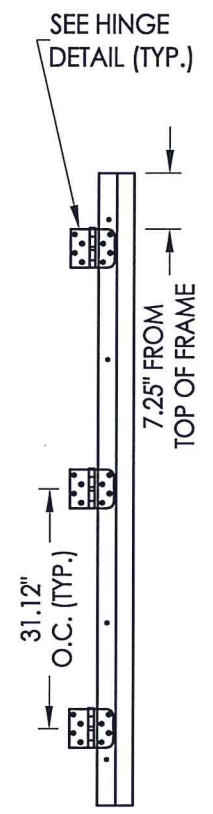
PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: BUCK & FRAME ANCHORING

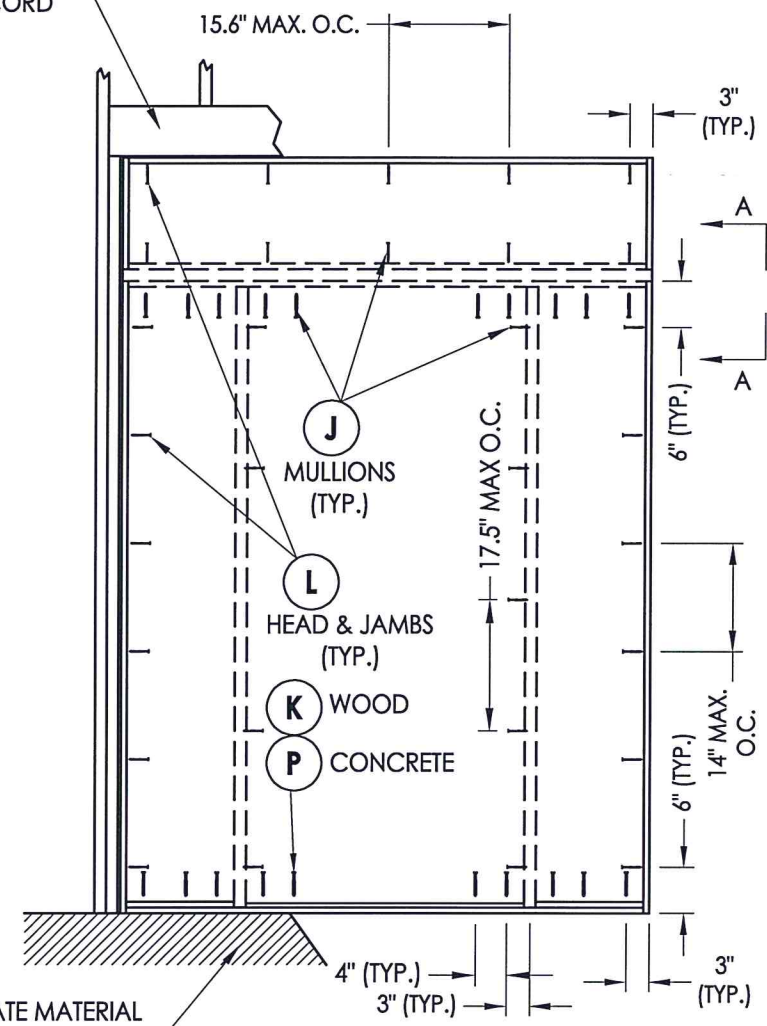
NO.	DATE	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS

DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 9 OF 11

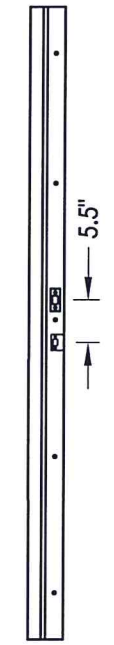
2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD



**HINGE JAMB**



**FRAME ANCHORING  
O/OXO**

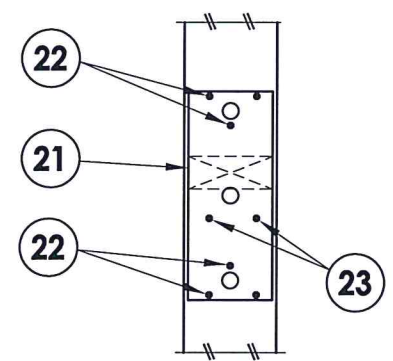


**STRIKE JAMB**

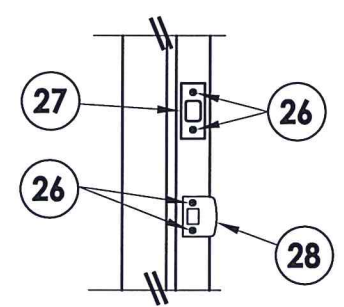
**CONCRETE ANCHOR NOTES:**

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. 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.
3. Concrete anchor table:

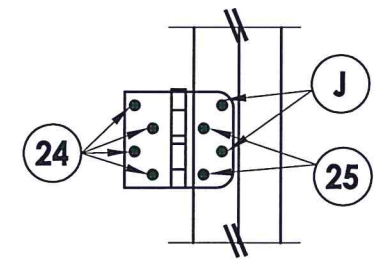
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW	1/4"	1-1/4"	2-1/2"	3"
ELCO	1/4"	1-1/4"	1"	4"



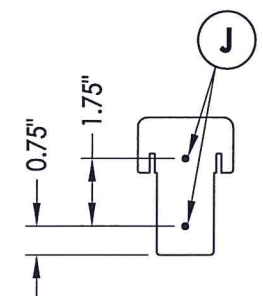
**VIEW A-A  
Mullion Clip Detail**



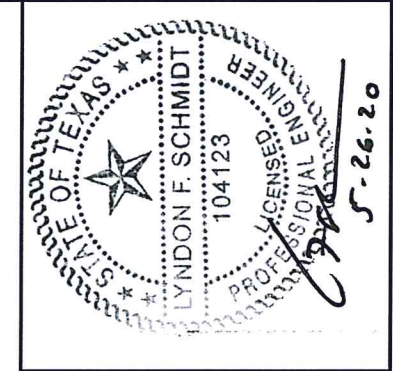
**LATCH AND DEADBOLT  
Details**



**HINGE DETAIL**



**MULLION END DETAIL  
@ Head and Sill**



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

**RW** BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197

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

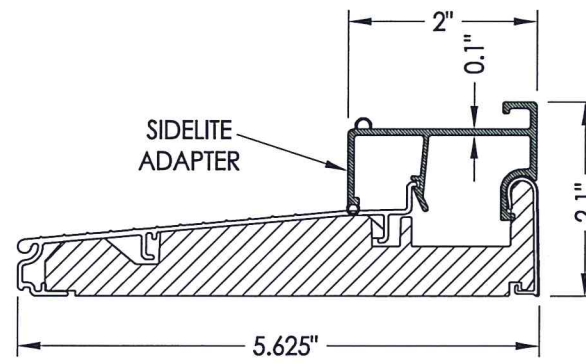
PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: BUCK & FRAME ANCHORING

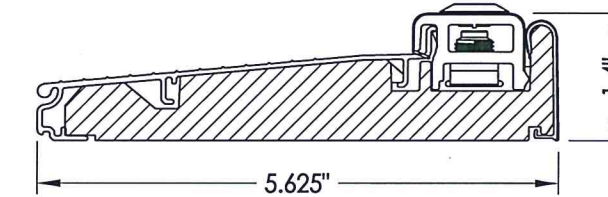
NO.	DATE	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS

DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 10 OF 11

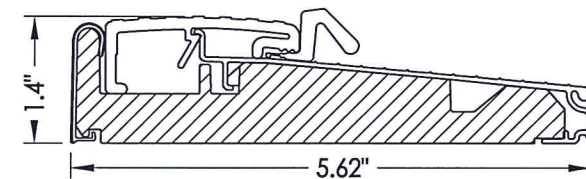
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X HEADER FRAMING SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
J	#9 X 2-1/2" DRYWALL SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW	STEEL
K	#10 X 3" PFH WOOD SCREW	STEEL
P	1/4" PFH ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
1	POLY FIBER JAMB	COMP.
2	COMPOSITE MULLION w/ LVL REINFORCEMENT	COMP/LVL
3	2X HORIZONTAL MULLION (SG>= 0.55)	WOOD
4	#8 X 1-1/2" PPH SMS	STEEL
5	INT. FRAME	PVC
6	EXT. FRAME	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
8	SWEEP	PVC
9	ALUMINUM SPACER	ALUMINUM
10	INSWING THRESHOLD	ALUM/COMP
11	INSWING THRESHOLD W/SIDELITE ADAPTER	ALUM/COMP
12	HOMERUN SEALANT	-
13	READISEAL SEALANT	-
15	1/2" QUARTER ROUND	PVC
16	1" BRAD	STEEL
18	OUTSWING THRESHOLD	ALUM/COMP
19	OUTSWING THRESHOLD W/SIDELITE ADAPTER	ALUM/COMP
24	#9 x 3/4" PFH WOOD SCREW	STEEL
26	#8 x 1-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4 X4 HINGE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



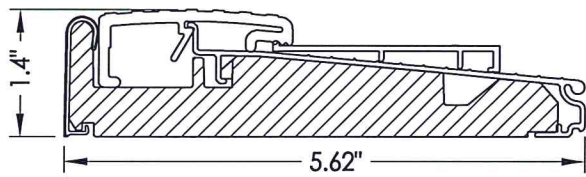
11 INSWING THRESHOLD w/ SIDELITE ADAPTER  
By Endura



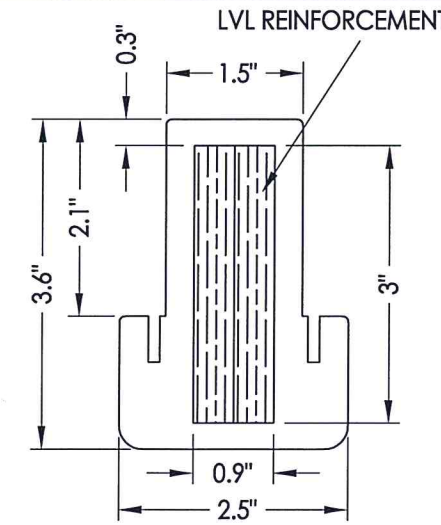
10 INSWING THRESHOLD  
By Endura



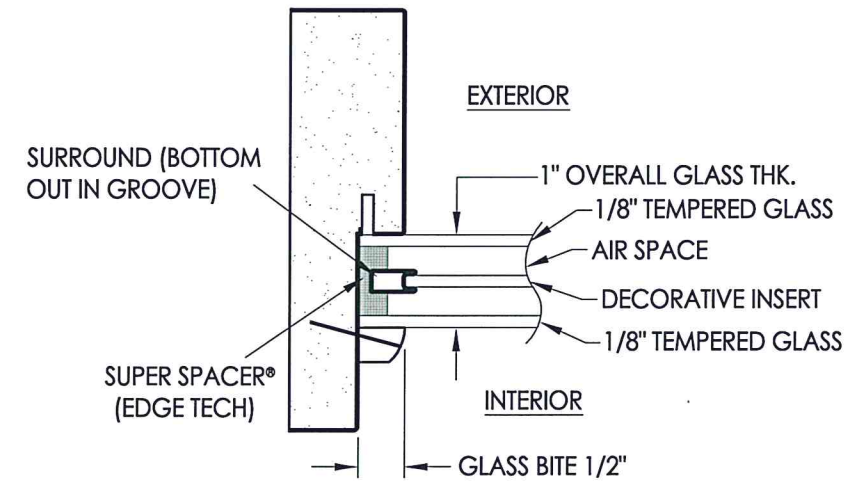
18 OUTSWING THRESHOLD  
By Endura



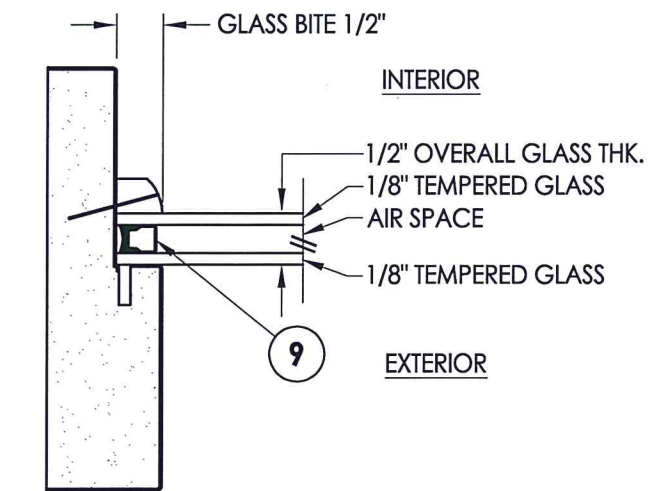
19 OUTSWING THRESHOLD w/ SIDELITE ADAPTER  
By Endura



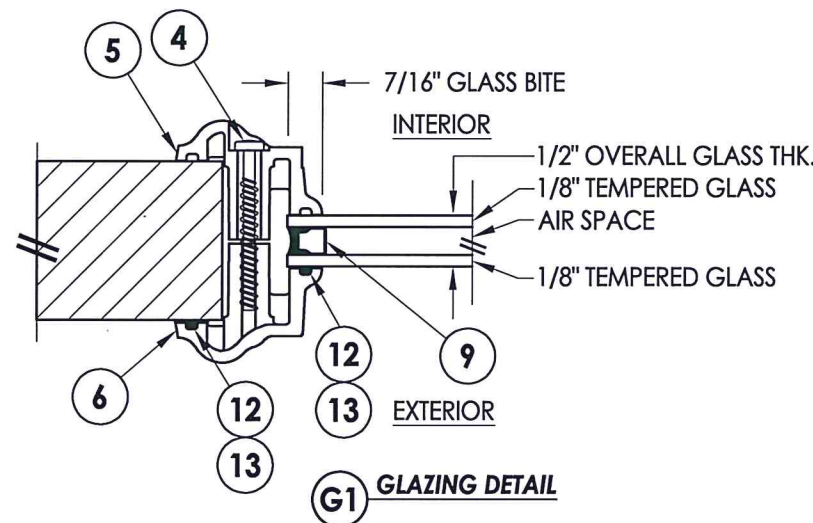
2 COMPOSITE MULLION w/ LVL REINFORCEMENT



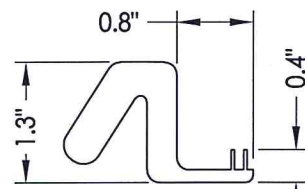
G2 GLAZING DETAIL  
Decoseal



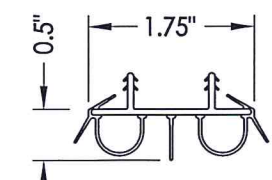
G3 GLAZING DETAIL



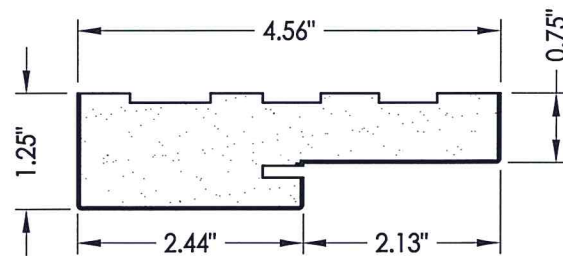
G1 GLAZING DETAIL



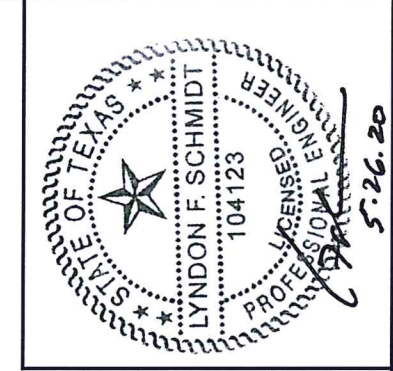
7 WEATHERSTRIP



8 SWEEP



1 POLY FIBER JAMB



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

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PRODUCT: PLASTPRO FIBERGLASS DOOR  
PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS

NO.	DATE	REVISIONS
2	5/26/20	UPDATE TO 2018 IBC/IRC CODE
1	01/10/11	ADD LOCK OPTIONS

DATE: 6/23/10  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4102  
SHEET 11 OF 11