



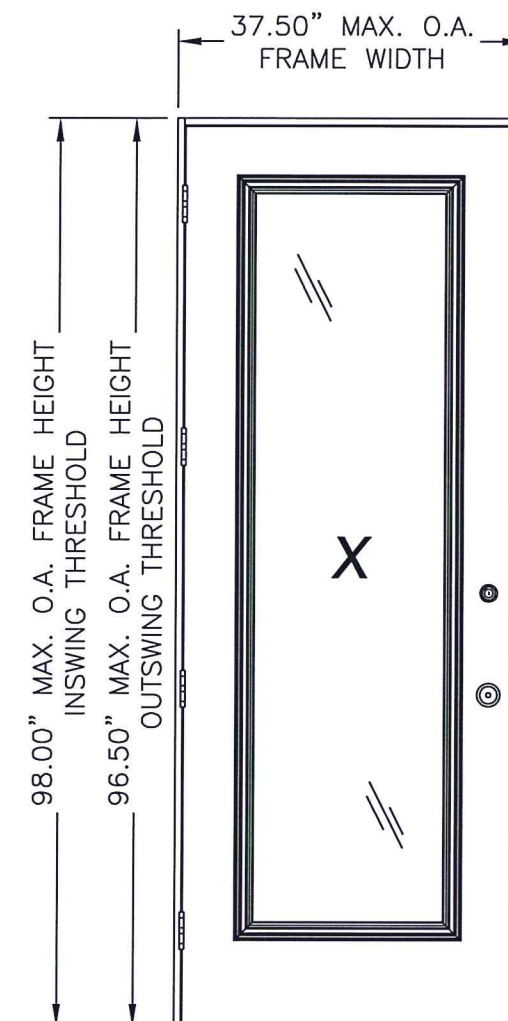
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

GLAZED FIBERGLASS DOOR INSWING/OUTSWING IMPACT

GENERAL NOTES

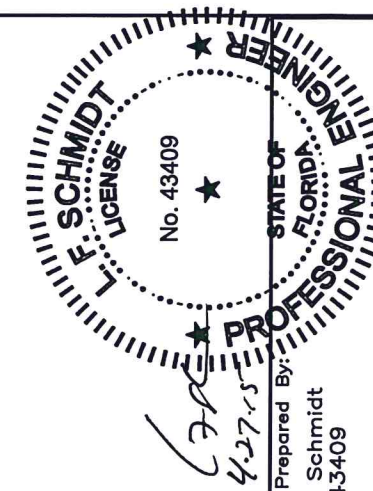
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC 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 Section 1609.1.2.2 of the FBC.
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.

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SHEET #	DESCRIPTION
1	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
2	PANEL DETAILS, COMPONENTS & GLAZING DETAIL
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4	VERTICAL CROSS SECTIONS
5	BUCK & FRAME ANCHORING
6	BILL OF MATERIALS & COMPONENTS



GLAZED SINGLE DOOR

SWING	MAX. O.A. FRAME DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
OUTSWING	37.50" X 96.50"	G1	+50.0	-50.0
INSWING	37.50" X 98.00"		+50.0	-50.0



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

PAR BUILDING CONSULTANTS INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE C.A. No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

JK

BY

1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
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NO.	DATE
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REVISIONS

DATE: 8/25/14

SCALE: *N.T.S.*

DWG. BY: JK

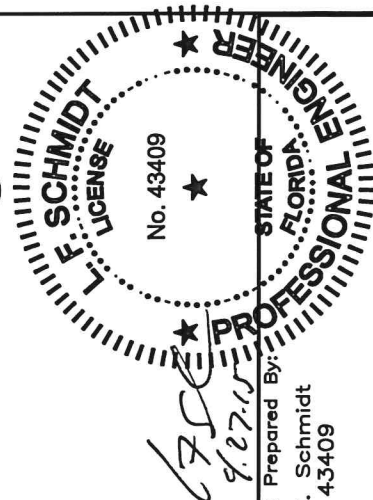
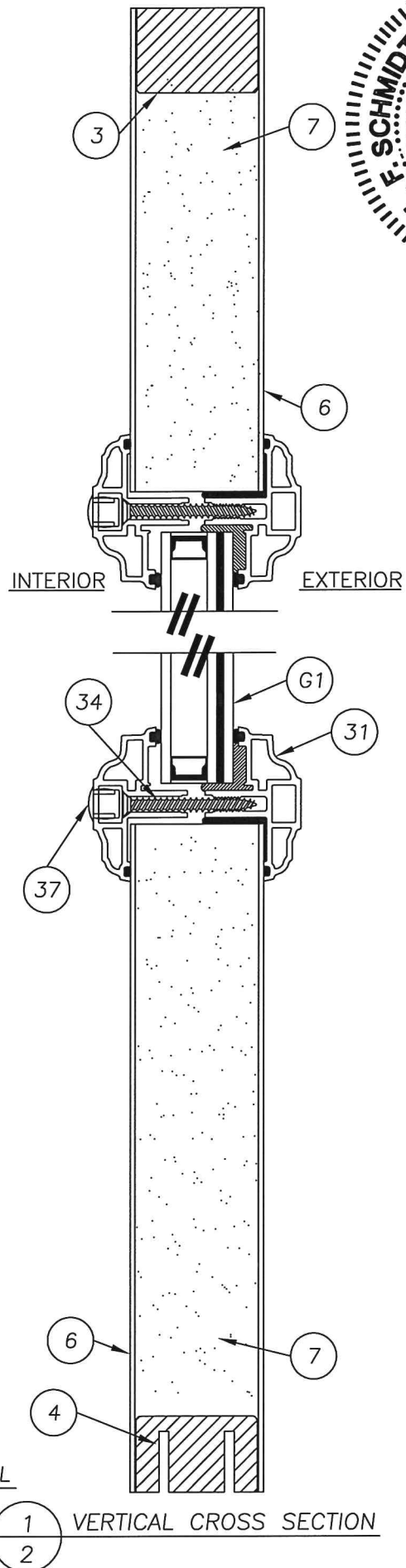
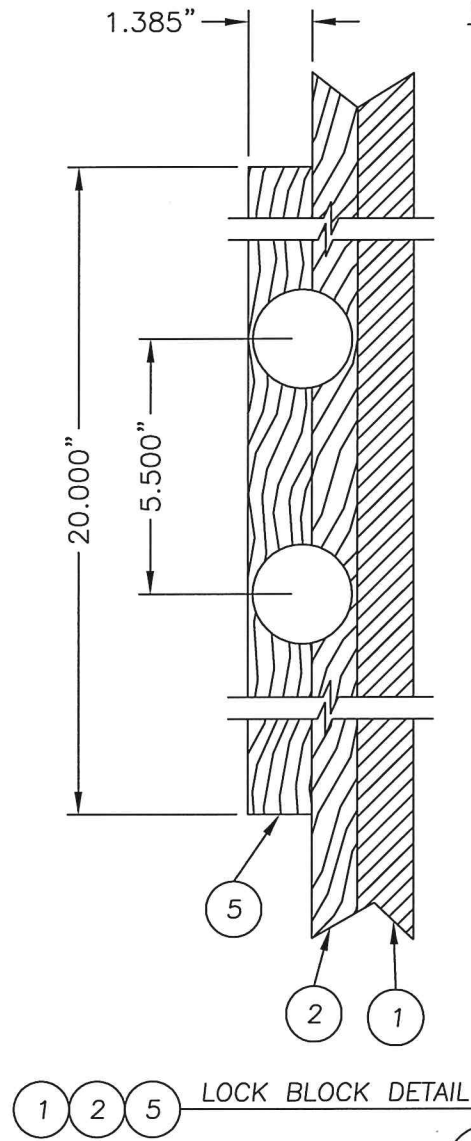
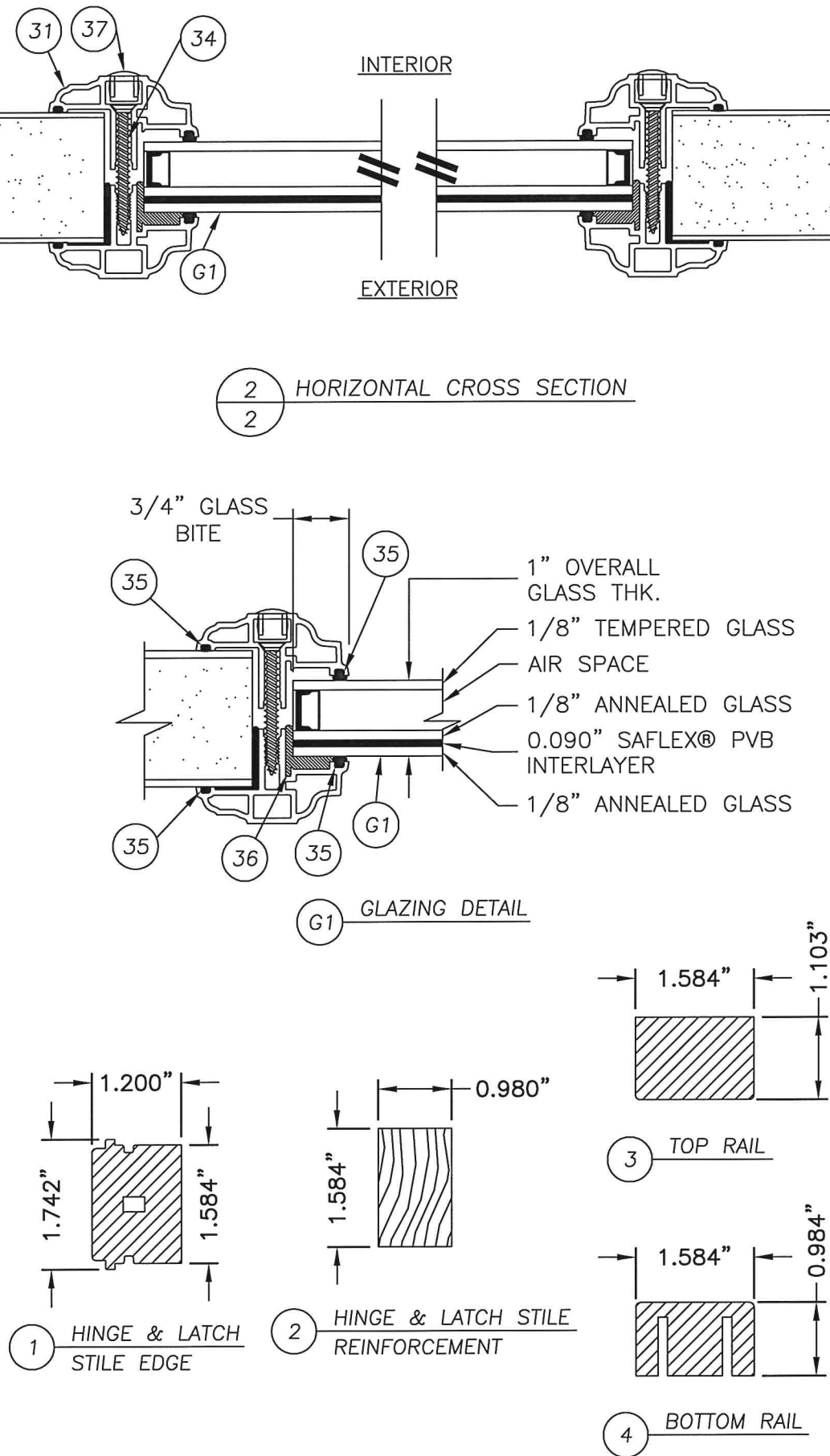
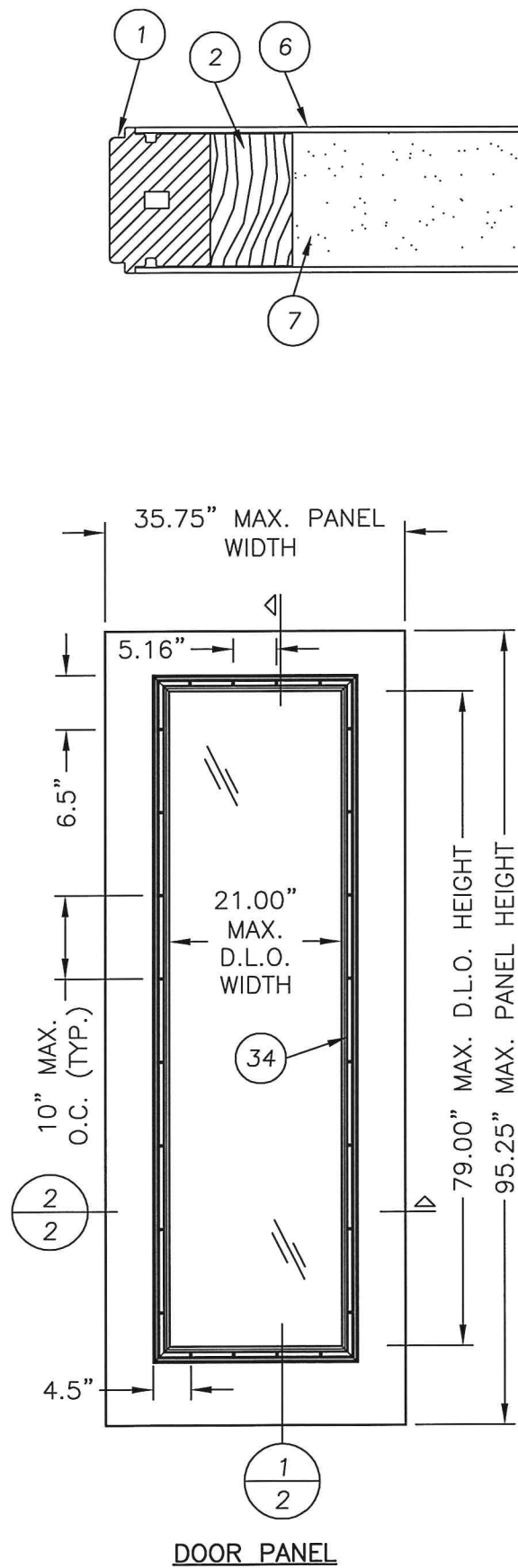
CHK. BY: LFS

DRAWING NO.:

FL-17184.1

SHEET 1 OF 6

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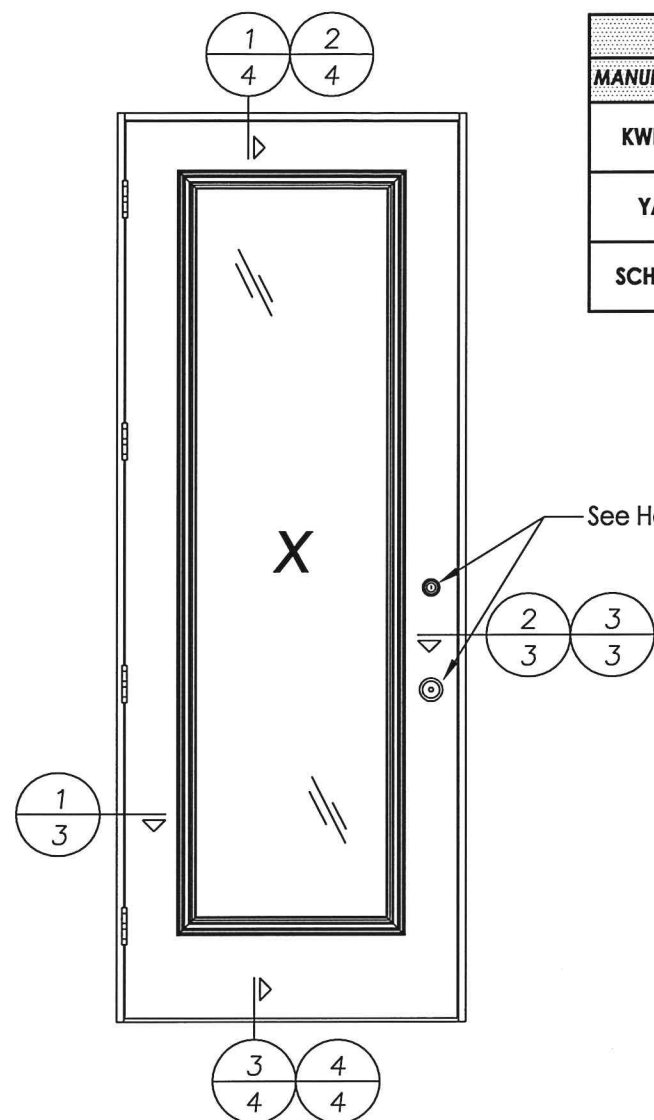


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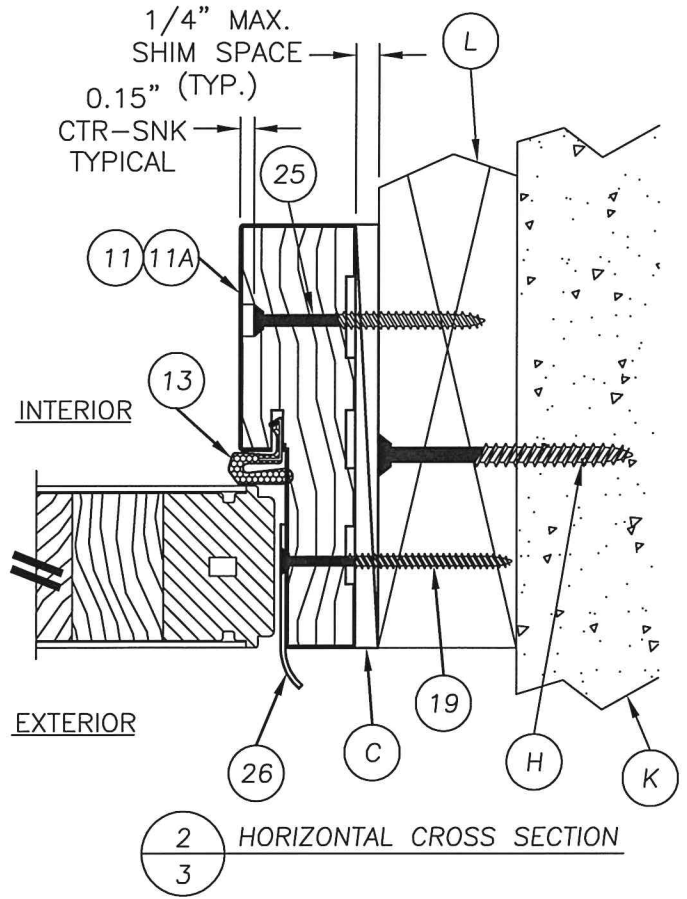
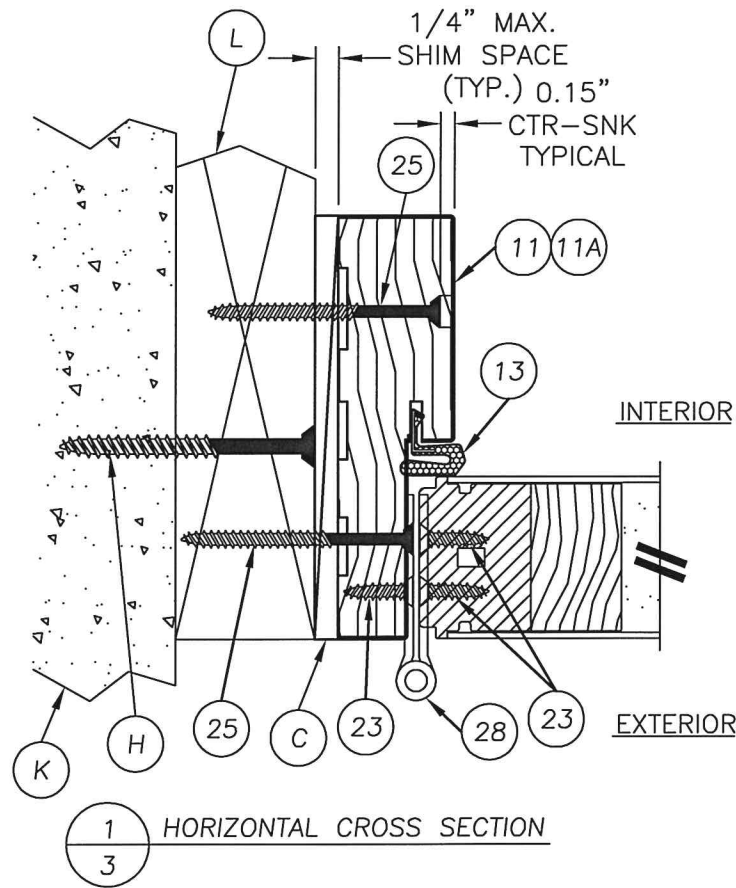
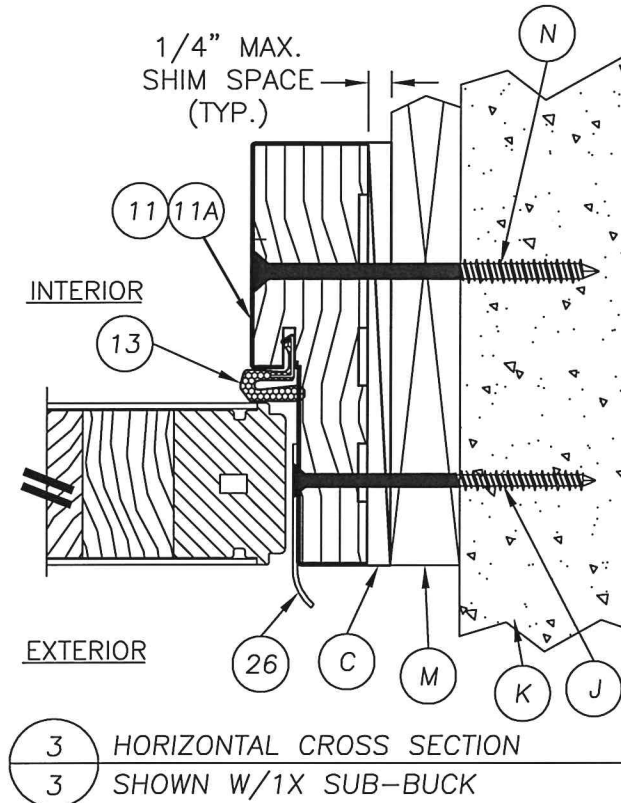
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO FIBERGLASS DOOR									
PART OR ASSEMBLY: PANEL DETAILS, COMPONENTS & GLAZING DETAIL									
		1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
		NO.	DATE			BY			
REVISIONS									
DATE: 8/25/14									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-17184.1									
SHEET 2 OF 6									

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HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)
YALE	LOCK:	YH COLLECTION
	DEADBOLT:	YH COLLECTION (80 SERIES)
SCHLAGE	LOCK:	"F" SERIES
	DEADBOLT:	B60/62



FLORIDA
F. SCHMIDT
LICENSE
No. 43409
4.27.15

STATE OF
FLORIDA
PROFESSIONAL
ENGINEER

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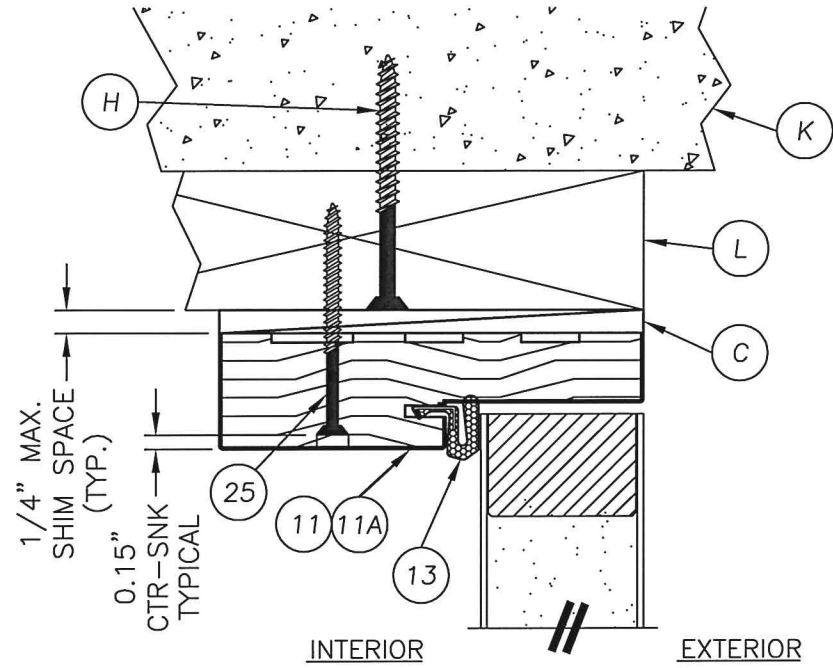
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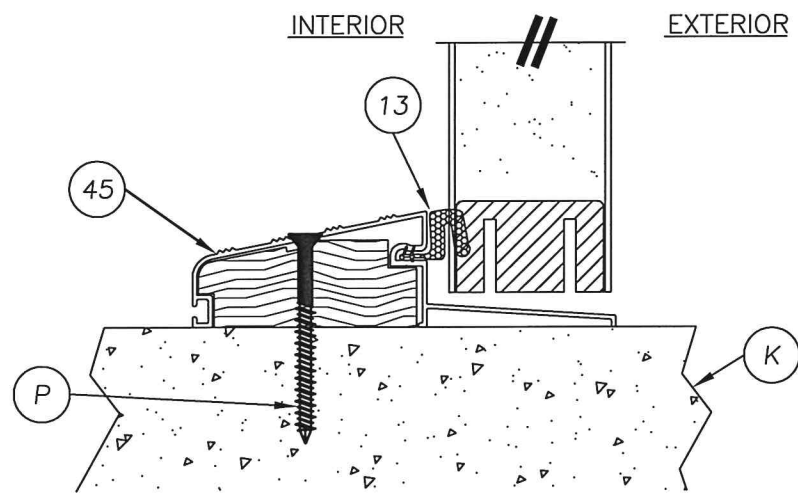
PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS
DATE:	8/25/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17184.1
SHEET	3 OF 6

NO.	DATE	BY	REVISIONS
1	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC

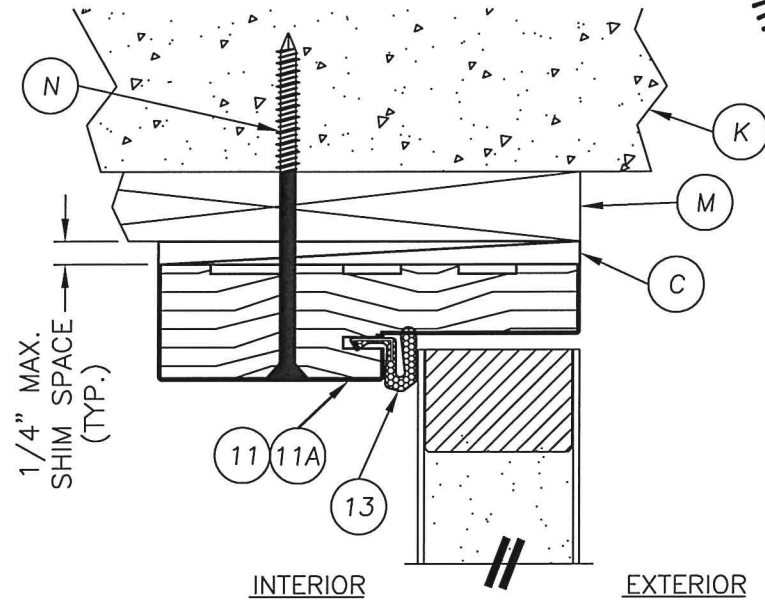
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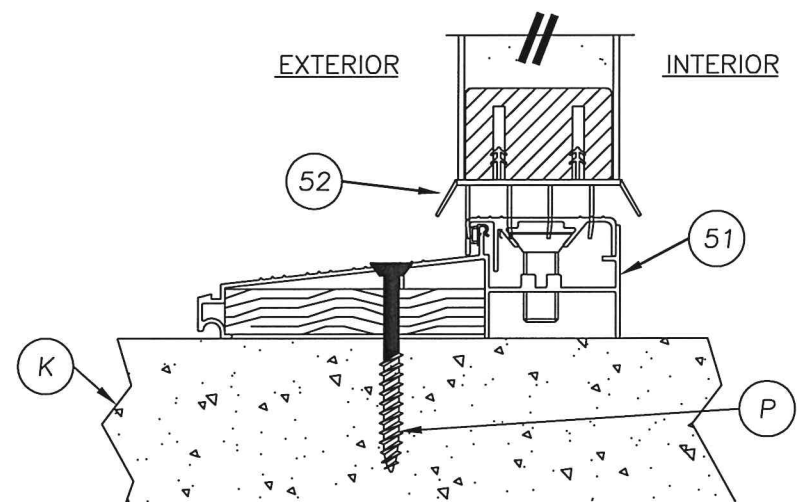
1
4 VERTICAL CROSS SECTION



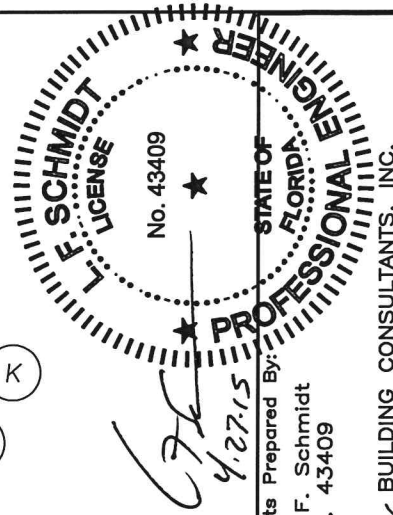
3
4 VERTICAL CROSS SECTION



2
4 VERTICAL CROSS SECTION
SHOWN W/1X SUB-BUCK



4
4 VERTICAL CROSS SECTION

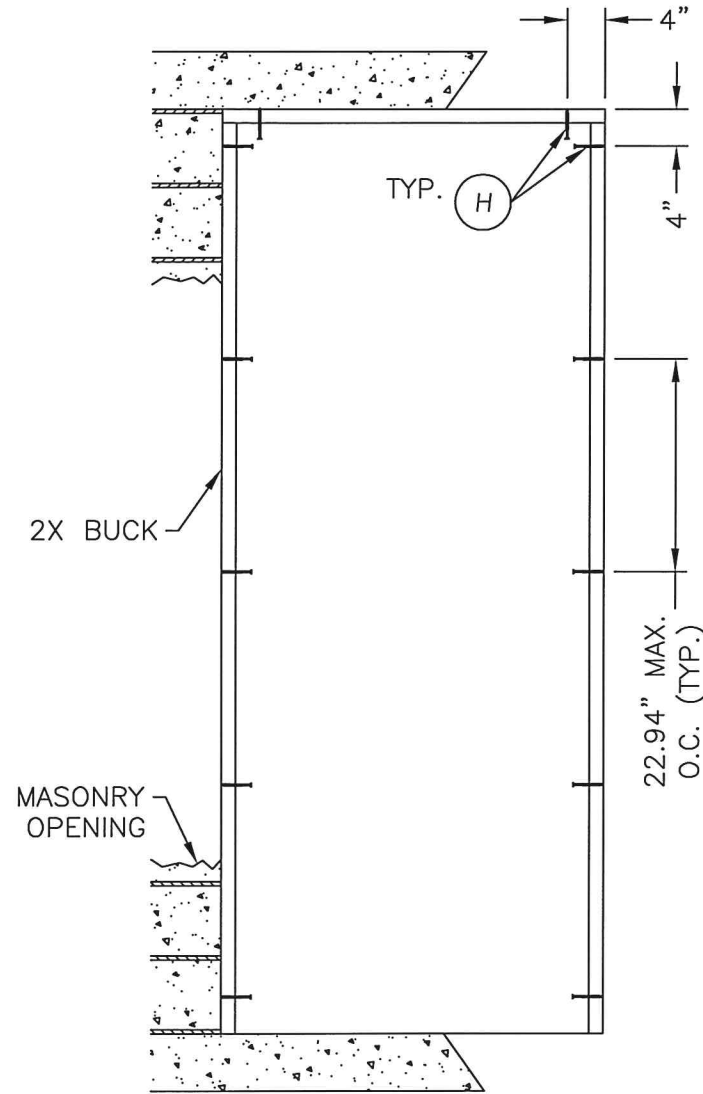


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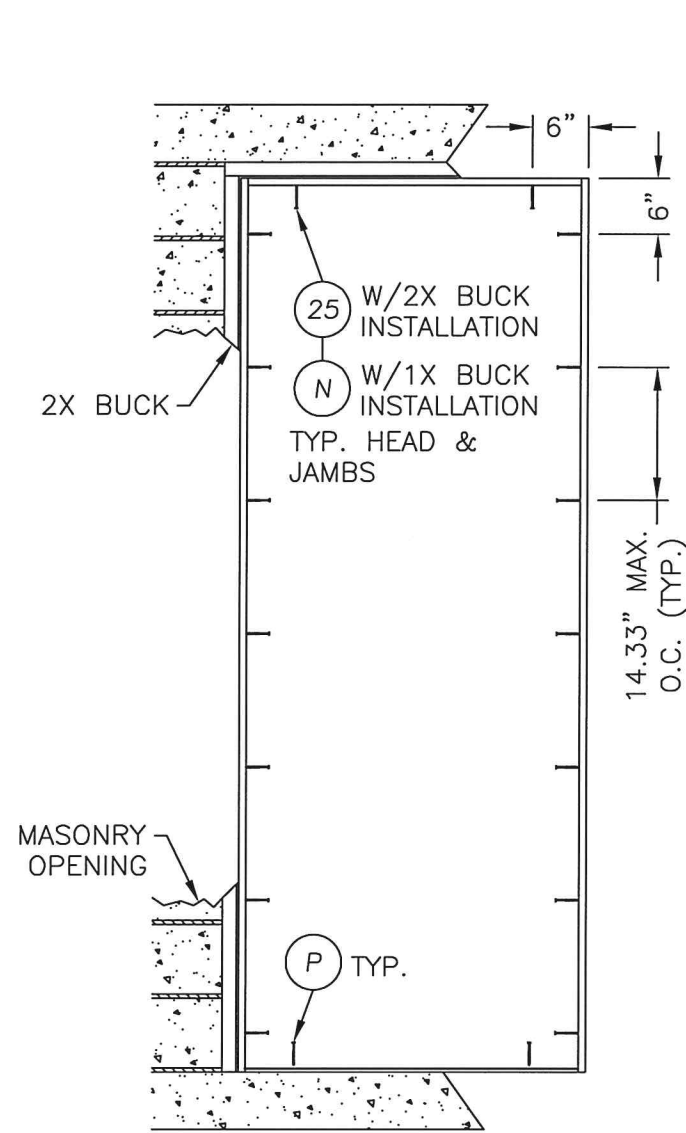
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PRODUCT:		PLASTPRO FIBERGLASS DOOR		
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
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SCALE: N.T.S.				
DWG. BY:		JK		
CHK. BY:		LFS		
DRAWING NO.: FL-17184.1				
SHEET		4	OF	6

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BUCK ANCHORING



FRAME ANCHORING

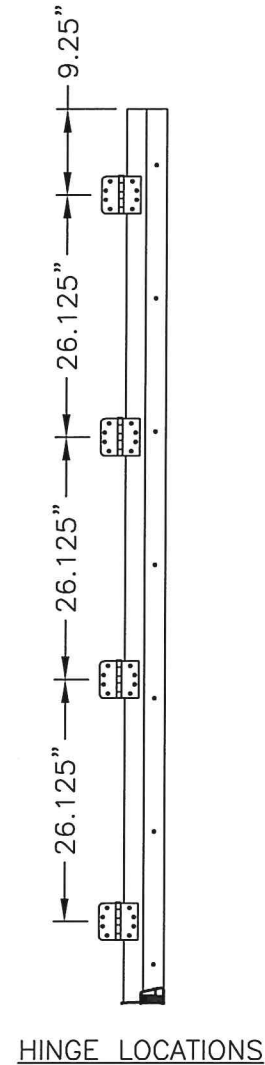
CONCRETE ANCHOR NOTES:

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:

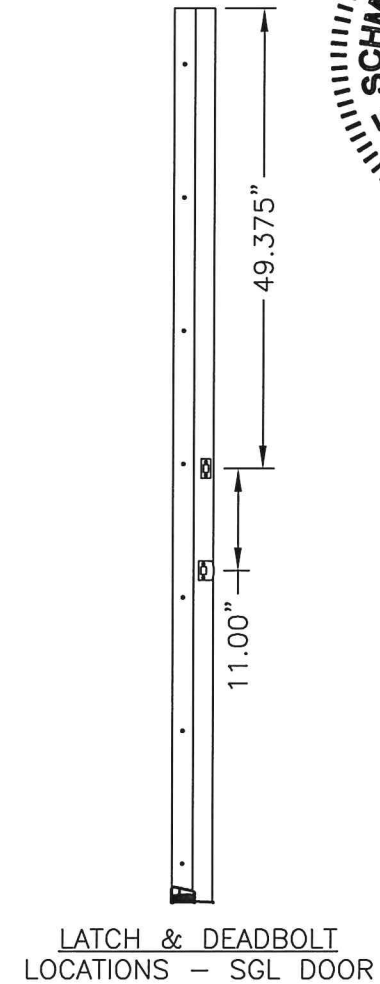
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

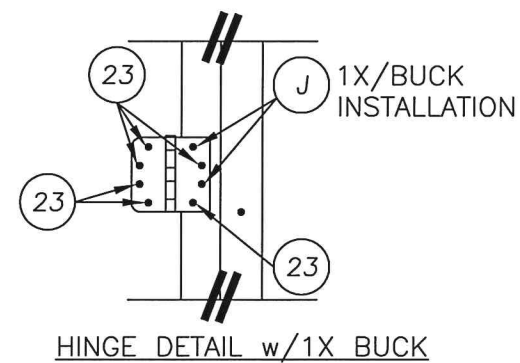
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



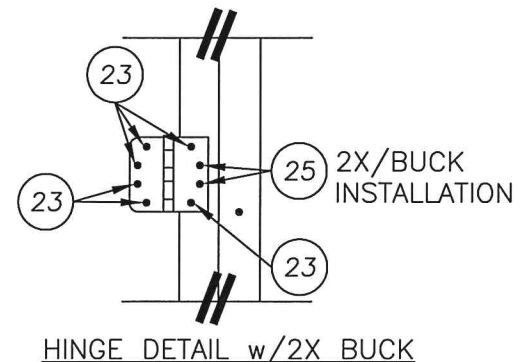
HINGE LOCATIONS



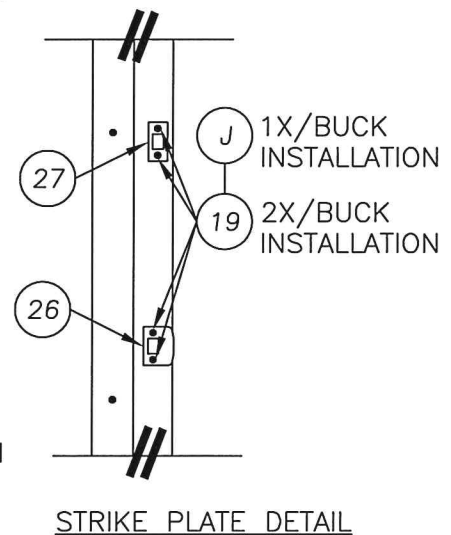
LATCH & DEADBOLT LOCATIONS - SGL DOOR



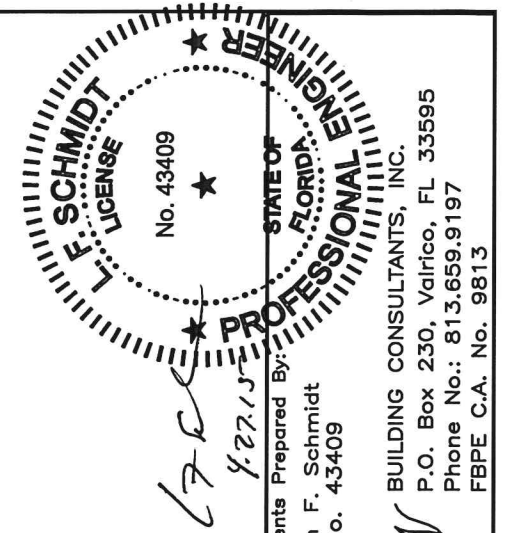
HINGE DETAIL w/1X BUCK



HINGE DETAIL w/2X BUCK



STRIKE PLATE DETAIL



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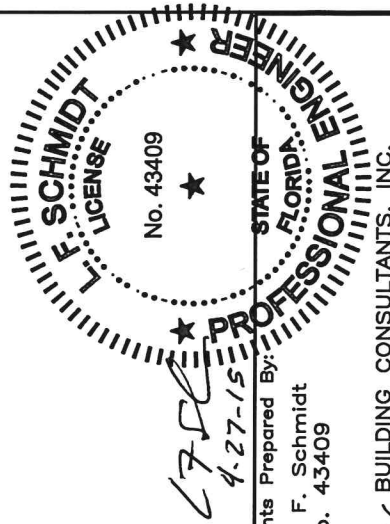
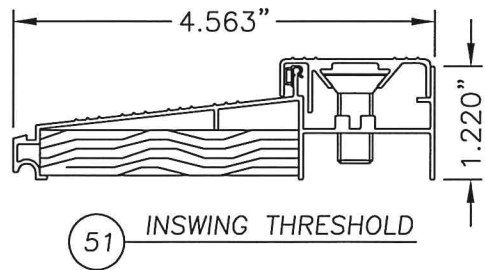
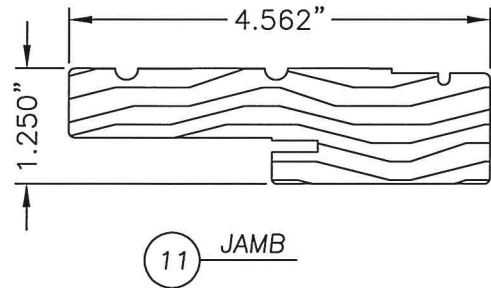
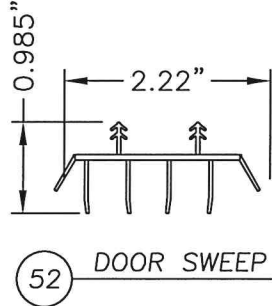
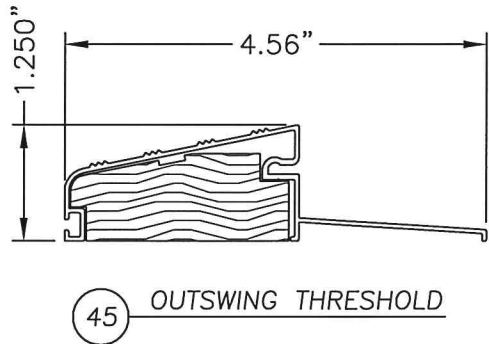
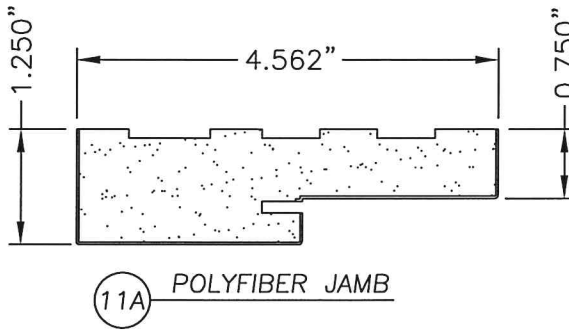
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY: BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 8/25/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17184.1
SHEET 5 OF 6

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
C	1/4" MAX. SHIM SPACE	WOOD
H	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
J	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
K	MASONRY – 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
L	2X BUCK (SG >= 0.55)	WOOD
M	1X BUCK (SG >= 0.55)	WOOD
N	1/4" X 3-3/4" ITW PFH CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
1	HINGE & LATCH STILE EDGE	COMPOSITE
2	HINGE & LATCH STILE REINFORCEMENT	WOOD
3	TOP RAIL	COMPOSITE
4	BOTTOM RAIL	COMPOSITE
5	LOCK BLOCK	WOOD
6	DOOR SKIN (0.069" THK.) PLAST PRO/NANYA Fy= 11,063 PSI	FIBERGLASS
7	FOAM CORE	POLYURETHANE
11	JAMB FINGER-JOINT-PINE SG = .42 OR BETTER	WOOD
11A	POLYFIBER JAMB	POLYFIBER
13	WEATHERSTRIP	FOAM
19	#8 X 2-1/2" PFH WOOD SCREW	STEEL
23	#10 X 3/4" PFH WOOD SCREW	STEEL
25	#10 X 2-1/2" PFH WOOD SCREW	STEEL
26	LATCH STRIKE PLATE	STEEL
27	DEADBOLT STRIKE PLATE	STEEL
28	4" HINGE	STEEL
31	ODL LITE FRAME	ALUMINUM
34	#10 X 1-3/4" PFH WOOD SCREW	STEEL
35	GLAZING COMPOUND REDI-SEAL BY ODL, POLYMERIC FOAM	P/MERIC FOAM
36	STRUCTURAL SILICONE DOW #995	SILICONE
37	SCREW PLUG	—
45	OUTSWING THRESHOLD BY DLP	ALUM./WOOD
51	INSWING THRESHOLD BY DLP	ALUM./WOOD
52	DOOR BOTTOM SWEEP	VINYL



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SHEET 6 OF 6