

# THERMA TRU®

118 INDUSTRIAL DR., EDGERTON, OH 43517

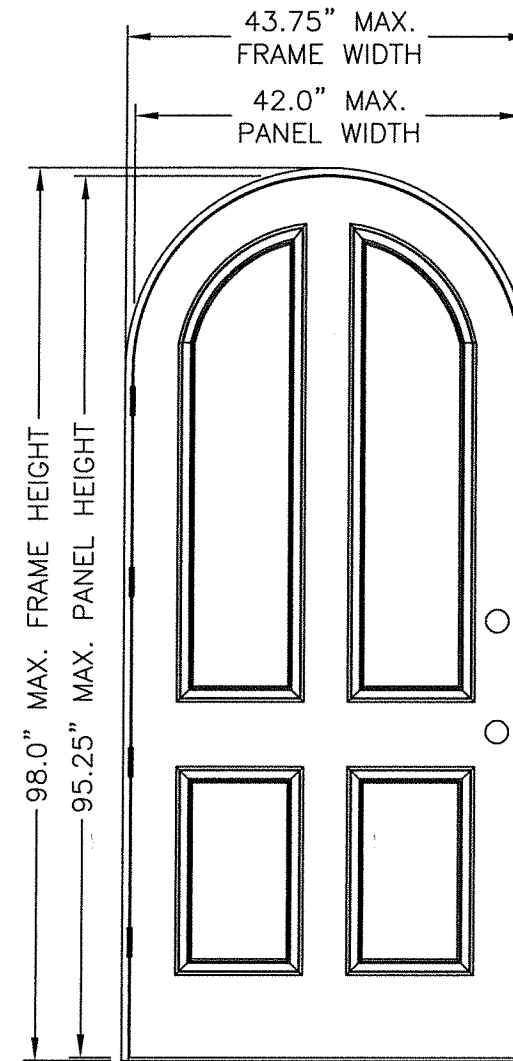
## CLASSIC-CRAFT RUSTIC SINGLE "IMPACT" DOOR INSWING / OUTSWING

### EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

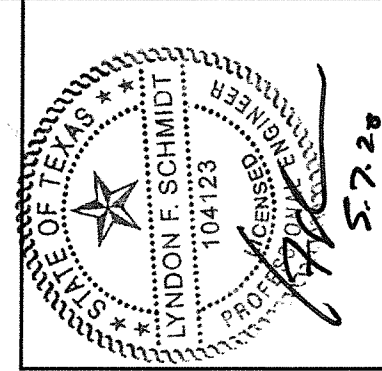
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection, the opaque door does not require impact protection and meets missile level "D" as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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SHEET #	DESCRIPTION
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2	DOOR PANEL DETAILS (CLASSIC-CRAFT RUSTIC)
3	HORIZONTAL CROSS SECTIONS
4	VERTICAL CROSS SECTIONS
5	FRAME ANCHORING
6	BILL OF MATERIALS & COMPONENTS



"CLASSIC-CRAFT RUSTIC"

DOOR TYPE	SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE	
			POSITIVE	NEGATIVE
CLASSIC-CRAFT RUSTIC	OUTSWING	43.75" X 96.5"	+65.0	-65.0
	INSWING	43.75" X 98.0"	+65.0	-65.0



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

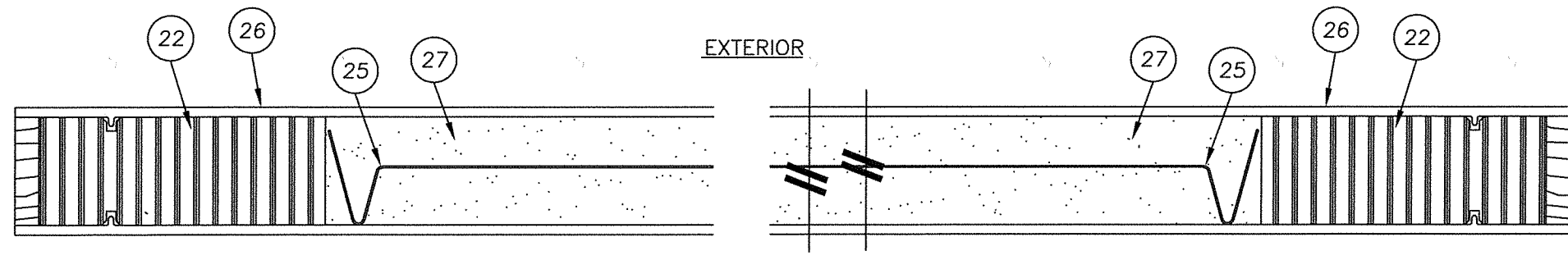
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairico FL 33595  
Phone No.: 813.659.9197  
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR  
"IMPACT" INSWING / OUTSWING  
PART OR ASSEMBLY:  
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	DESCRIPTION
1	5/07/20	UPDATE TO 2018 IBC/IRC CODE
		REVISIONS

DATE: 7/16/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4177  
SHEET 1 OF 6

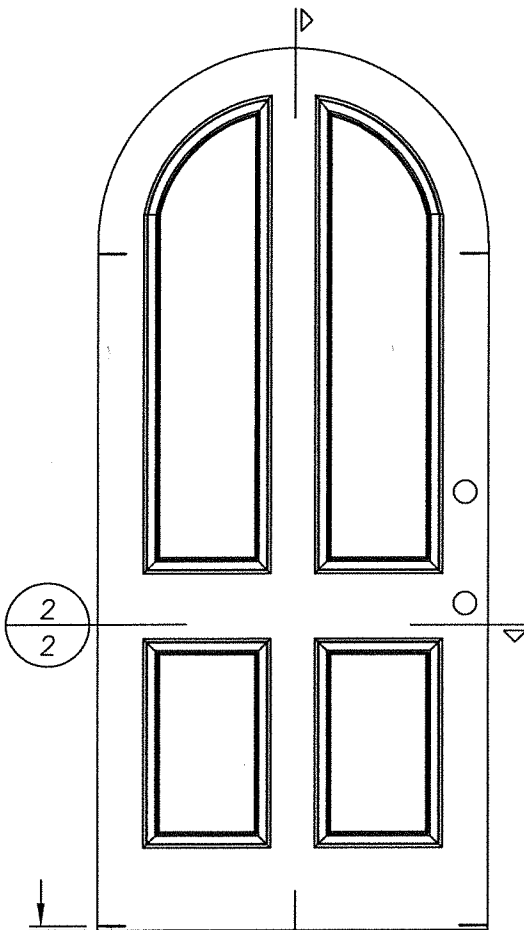
R:\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-wo Imp SLIC - Drawings\Current\TX-4175-83.dwg, R2



EXTERIOR

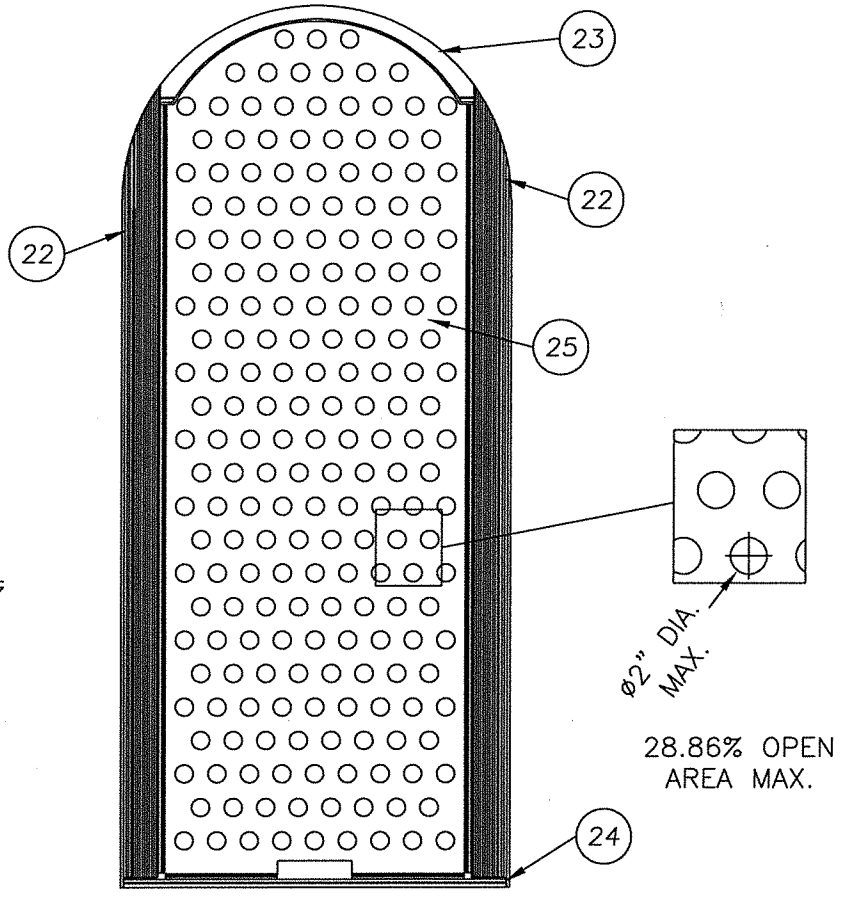
INTERIOR

2 HORIZONTAL CROSS SECTION  
2 CLASSIC-CRAFT RUSTIC

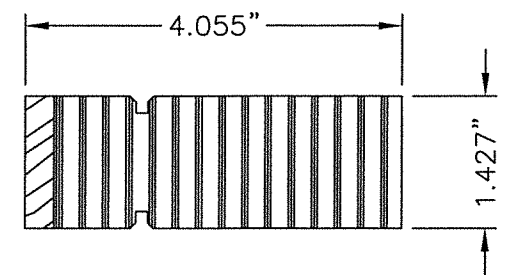


1  
2 CLASSIC-CRAFT RUSTIC

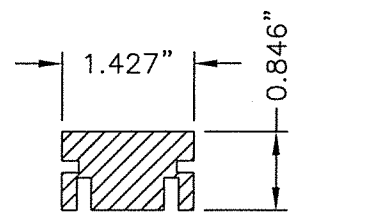
32 TYP. 4 CORNERS OF PANEL



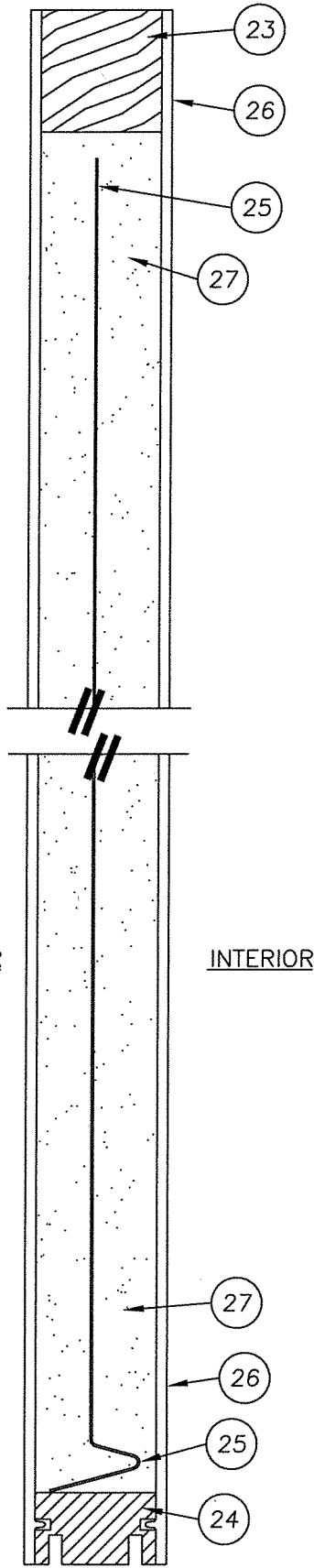
28.86% OPEN AREA MAX.



22 LOCK & HINGE STILE  
CLASSIC-CRAFT RUSTIC



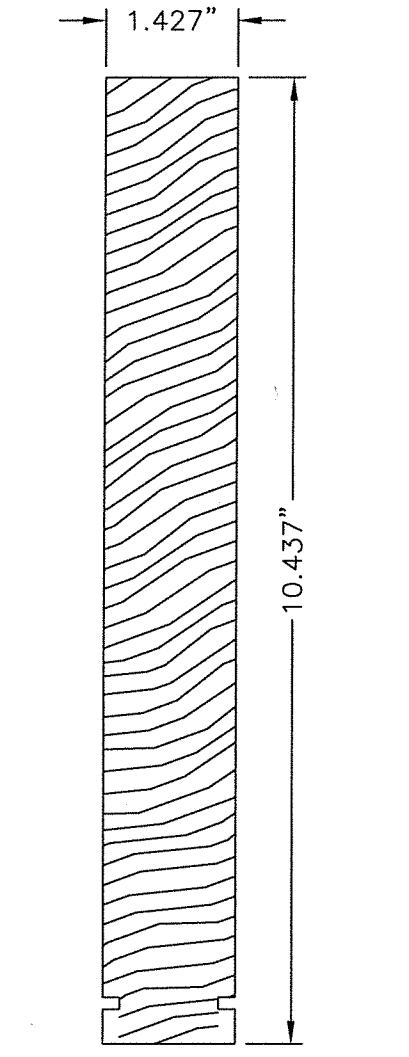
24 BOTTOM RAIL  
CLASSIC-CRAFT RUSTIC



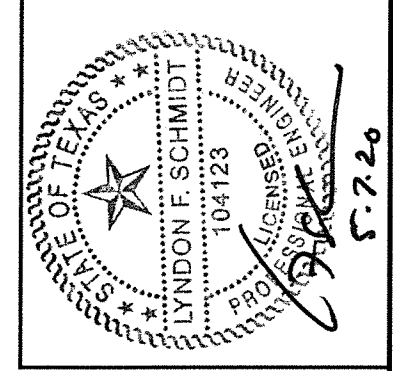
EXTERIOR

INTERIOR

1 VERTICAL CROSS SECTION  
2 CLASSIC-CRAFT RUSTIC



23 TOP RAIL  
CLASSIC-CRAFT RUSTIC



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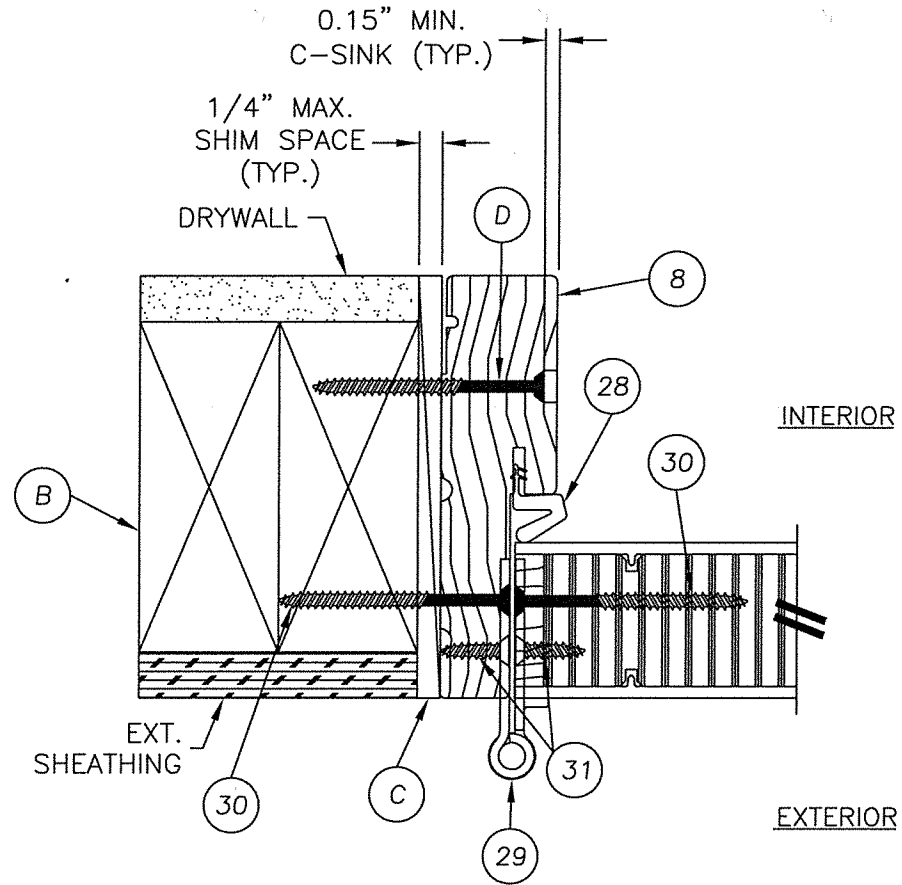
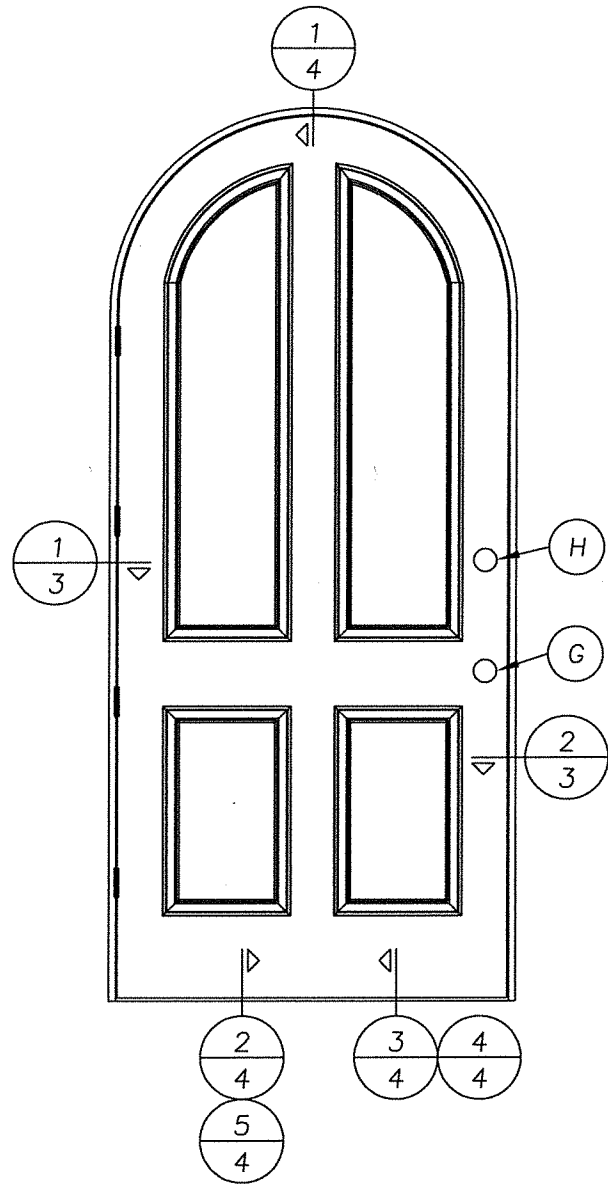
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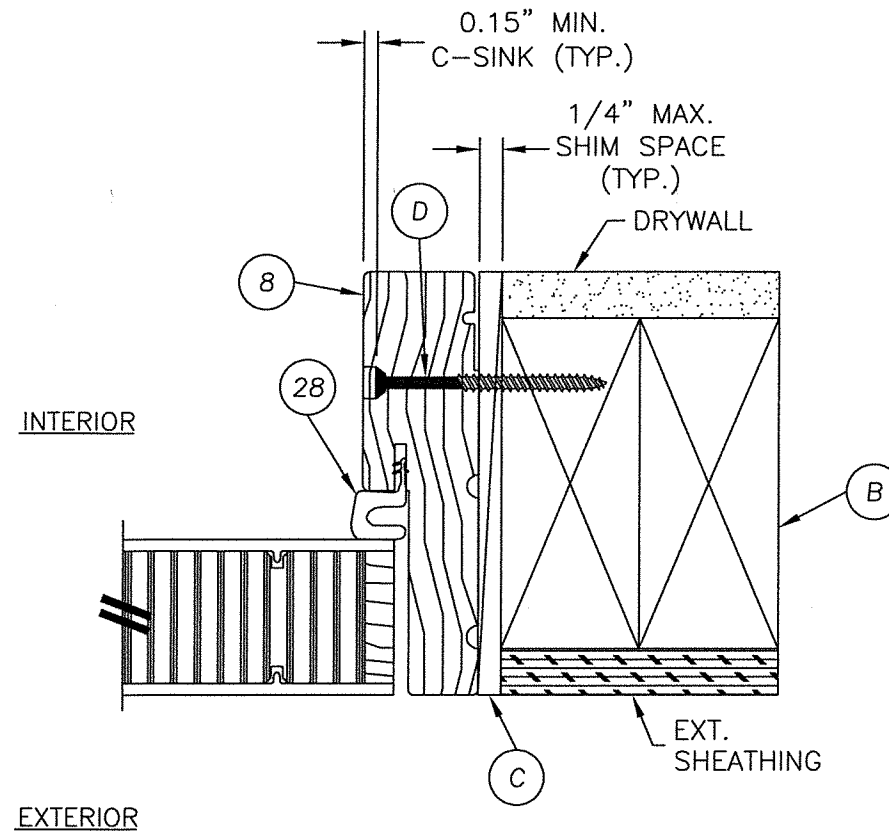
PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR  
"IMPACT" INSWING / OUTSWING  
PART OR ASSEMBLY: DOOR PANEL DETAILS (CLASSIC-CRAFT RUSTIC)

NO.	DATE	UPDATE TO 2018 IBC/IRC CODE	LFS	BY
1	5/07/20			

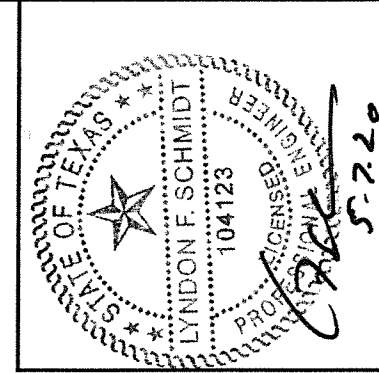
DATE: 7/16/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4177  
SHEET 2 OF 6



1 HORIZONTAL CROSS SECTION  
3 OUTSWING SHOWN (INSWING ALSO APPROVED)



2 HORIZONTAL CROSS SECTION  
3 OUTSWING SHOWN (INSWING ALSO APPROVED)



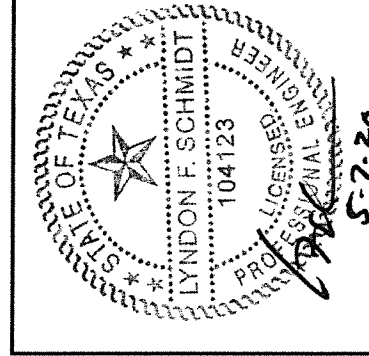
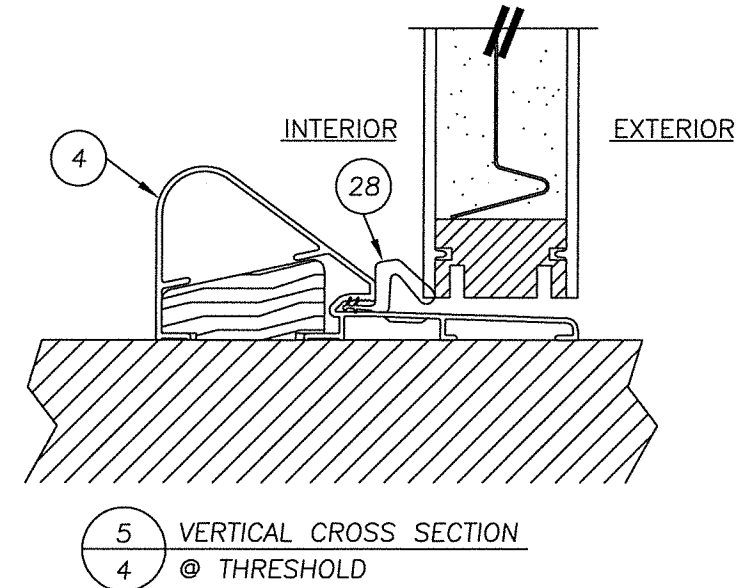
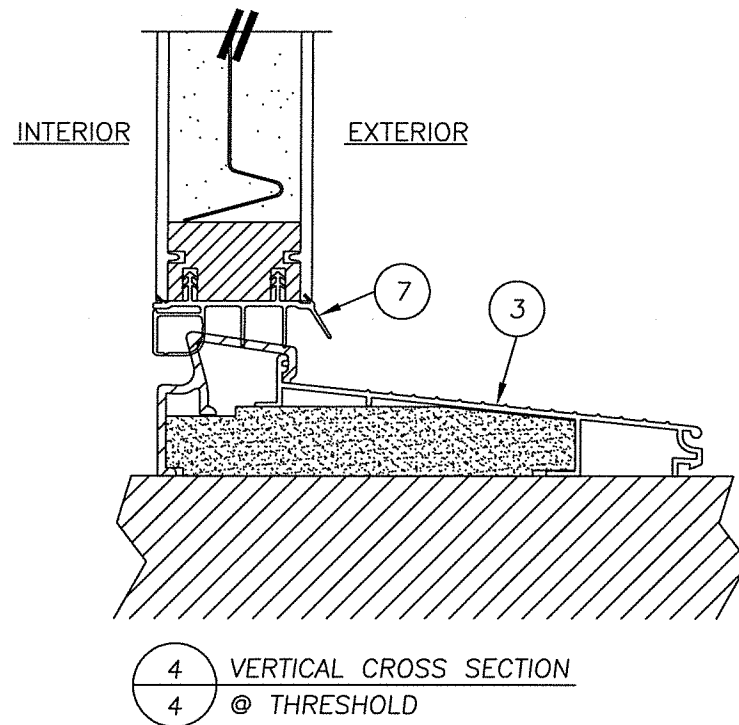
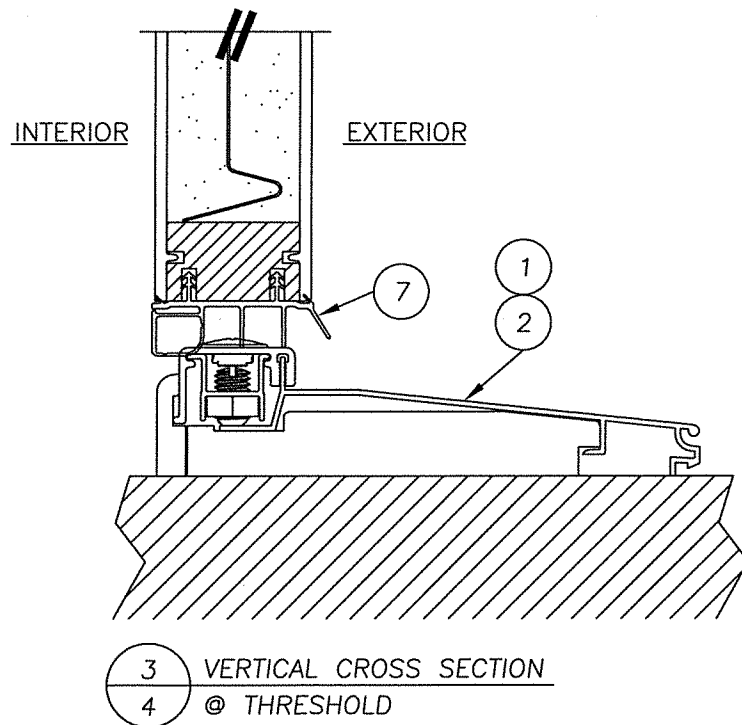
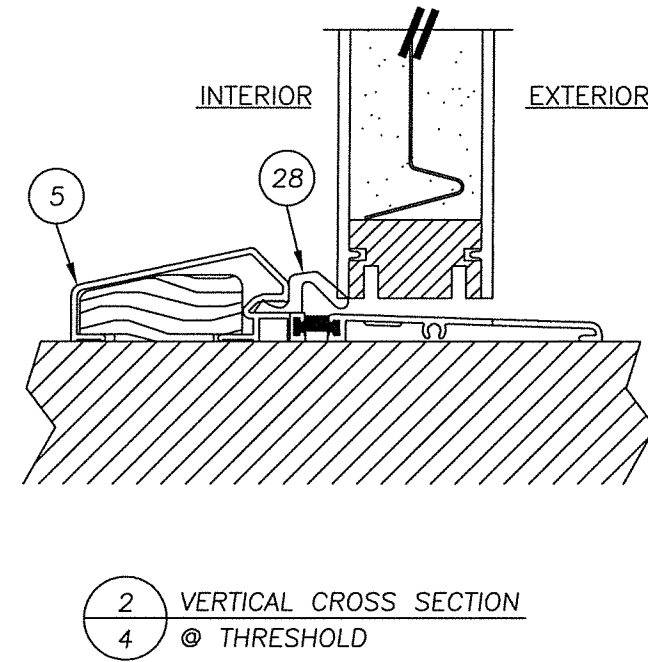
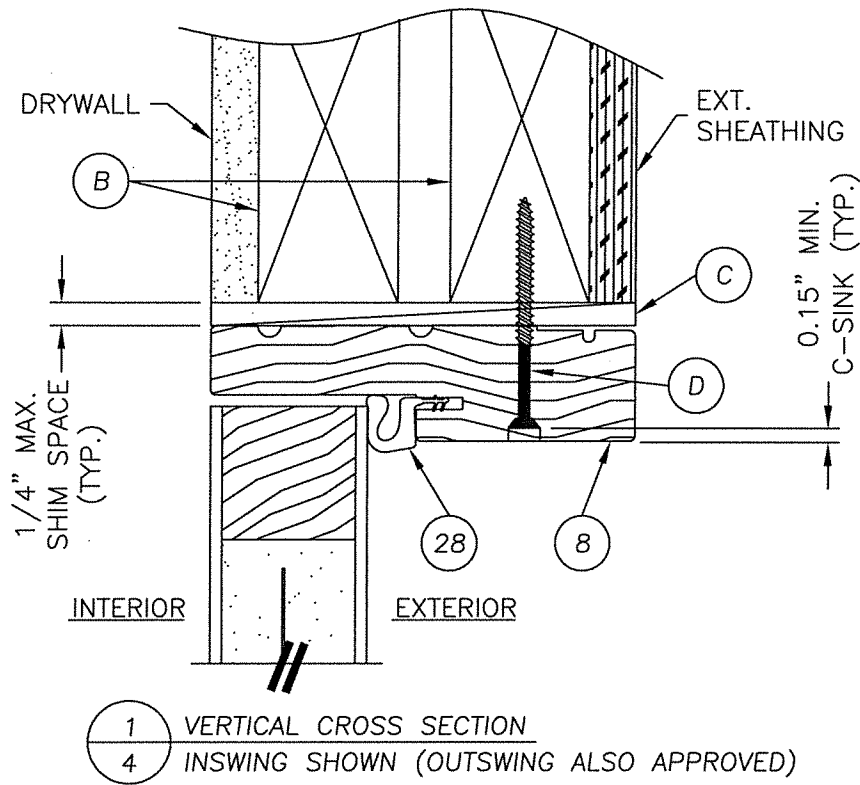
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: SINGLE OPAQUE  
FIBERGLASS DOOR  
"IMPACT" INSWING / OUTSWING  
PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

NO.	DATE	DESCRIPTION	BY
1	5/07/20	UPDATE TO 2018 IBC/IRC CODE	LFS

DATE: 7/16/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4177  
SHEET 3 OF 6

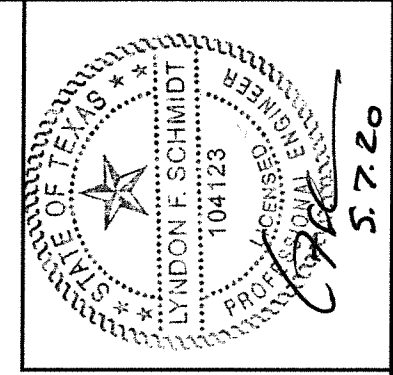
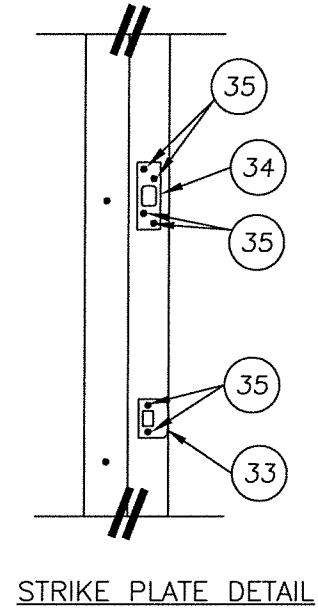
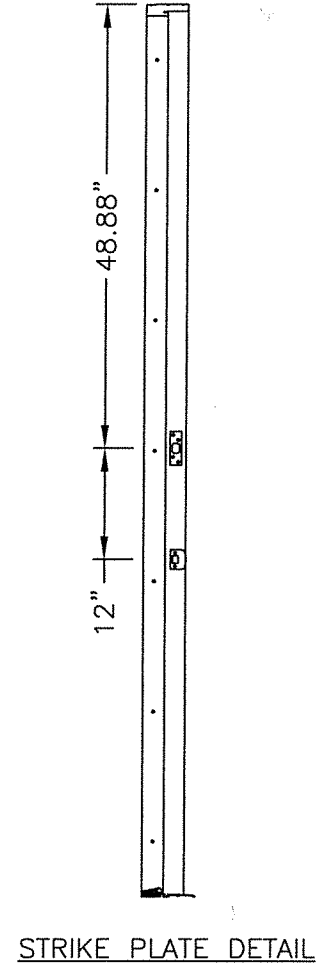
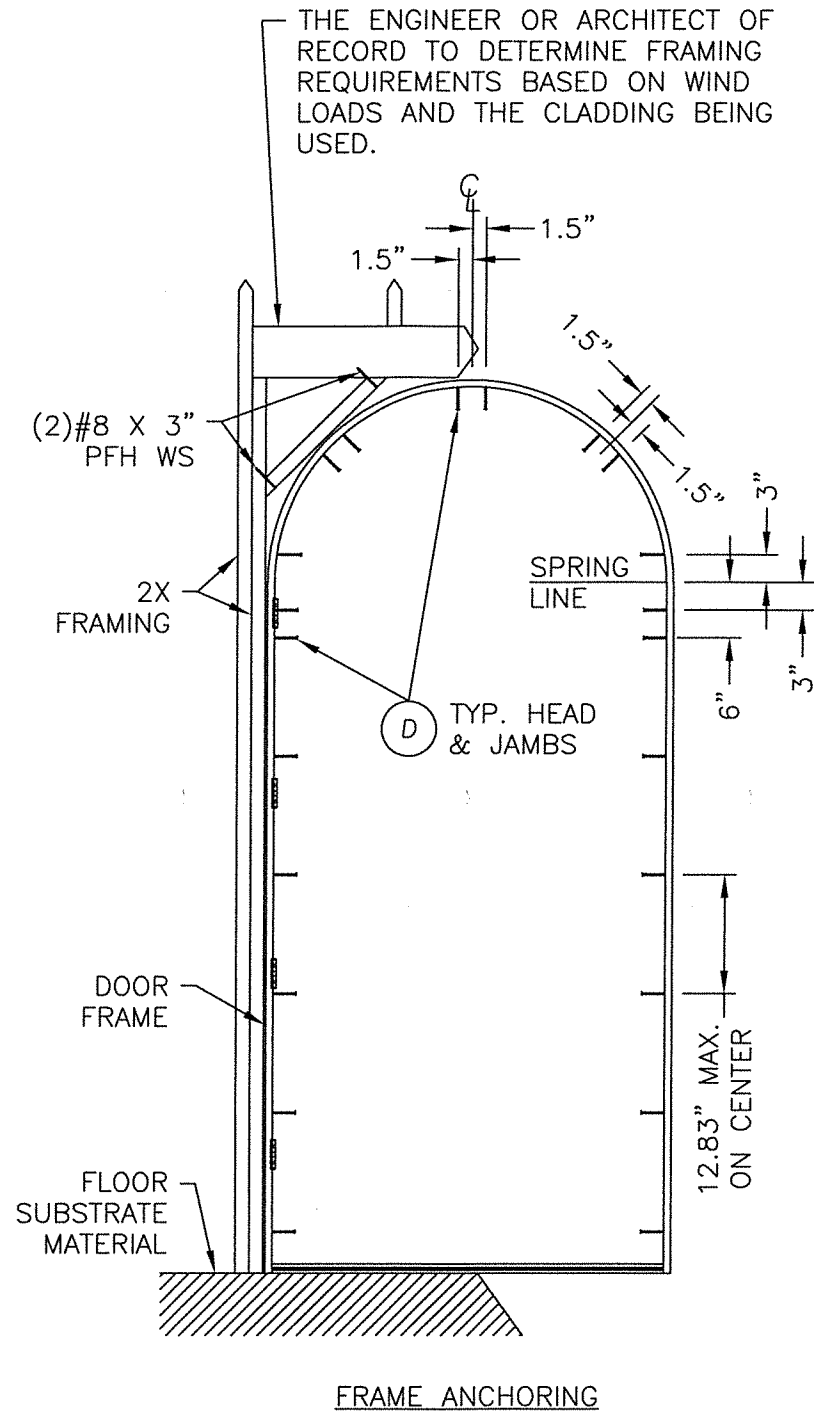
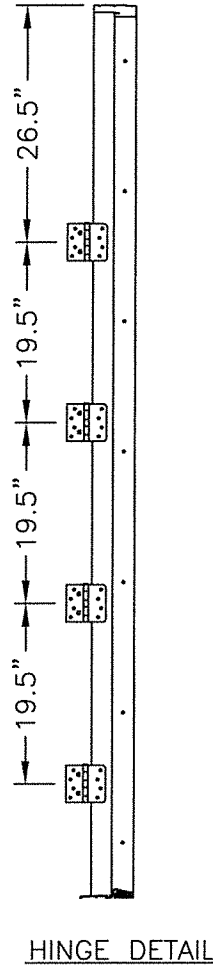
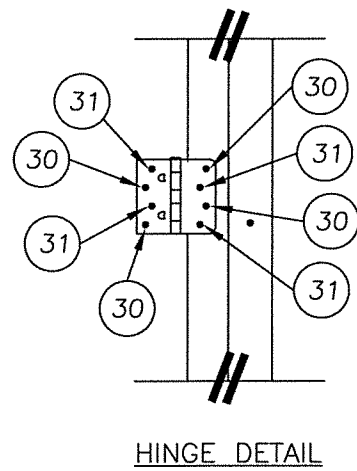


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PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR		PART OR ASSEMBLY: "IMPACT" INSWING / OUTSWING	
DATE: 7/16/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4177		SHEET 4 OF 6	
NO. DATE		REVISIONS	
1	5/07/20	UPDATE TO 2018 IBC/IRC CODE	LFS BY



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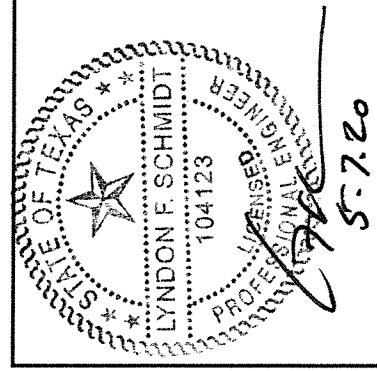
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PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR  
"IMPACT" INSWING / OUTSWING  
PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	UPDATE TO 2018 IBC/IRC CODE	LFS	BY
1	5/07/20	UPDATE TO 2018 IBC/IRC CODE	LFS	BY

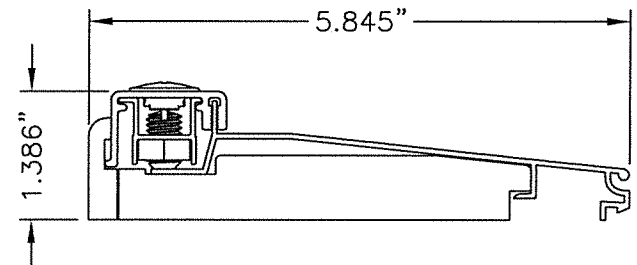
DATE: 7/16/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: TX-4177  
SHEET 5 OF 6

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	WOOD
D	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	KWIKSET 200 SERIES PASSAGE LOCK	STEEL
H	KWIKSET 600 SERIES DEADBOLT	STEEL
1	INSWING ADJUSTABLE THRESHOLD (IS300AJ)	ALUM./WOOD
2	INSWING THRESHOLD (IS300HP5)	ALUM./COMP.
3	INSWING SELF ADJUST THERMAL BREAK THRESHOLD (ISP30M)	ALUM./COMP.
4	OUTSWING COASTAL THRESHOLD	ALUM./WOOD
5	OUTSWING STANDARD THRESHOLD	ALUM./WOOD
7	DOOR BOTTOM SWEEP	VINYL
8	JAMB (OAK)	WOOD
22	LOCK & HINGE STILE (CLASSIC-CRAFT RUSTIC)	WOOD/LVL
23	TOP RAIL (CLASSIC-CRAFT RUSTIC)	WOOD
24	BOTTOM RAIL (CLASSIC-CRAFT RUSTIC)	PVC
25	PANEL REINFORCEMENT 0.023" THK. (CLASSIC-CRAFT RUSTIC)	STEEL
26	DOOR SKIN 0.125" THK. (CC RUSTIC) Fy = 6,000 PSI MIN.	FIBERGLASS
27	FOAM CORE	POLYURETHANE
28	WEATHERSTRIP	FOAM
29	HINGE	STEEL
30	#10 X 2-1/2" PFH SCREW	STEEL
31	#10 X 3/4" PFH SCREW	STEEL
32	#9 X 3" PFH WOOD SCREW	STEEL
33	LATCH STRIKE PLATE	STEEL
34	SECURITY STRIKE PLATE (SINGLE DOOR ONLY)	STEEL
35	#8 X 3" PFH SCREW	STEEL
52	DOOR BOTTOM SWEEP	VINYL

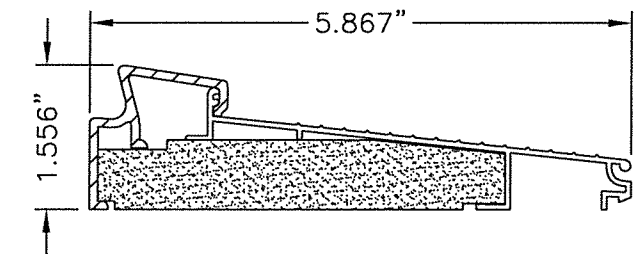


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TEXAS P.E. #104123

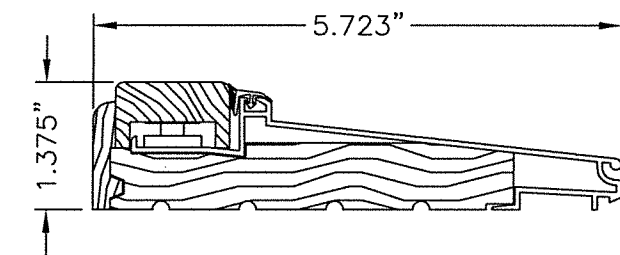
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CERTIFICATE OF REGISTRATION # F-11852



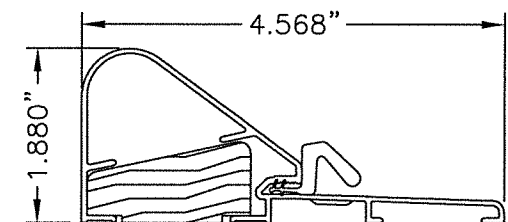
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INSWING ADJUSTABLE



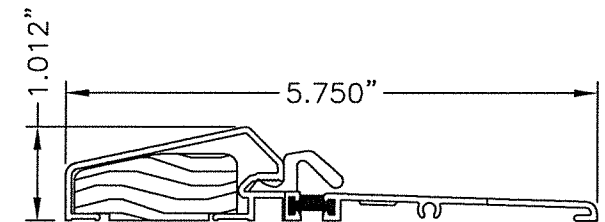
3 THRESHOLD  
INSWING SELF-ADJUST



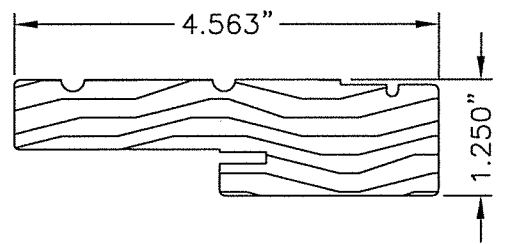
1 THRESHOLD  
INSWING ADJUSTABLE



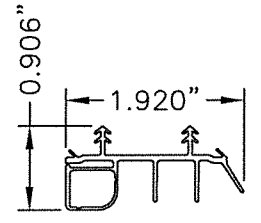
4 THRESHOLD  
OUTSWING COASTAL



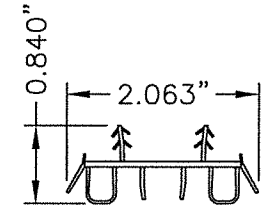
5 THRESHOLD  
OUTSWING STANDARD



8 JAMB



7 SWEEP



52 SWEEP

PRODUCT:		SINGLE OPAQUE FIBERGLASS DOOR	
PART OR ASSEMBLY:		"IMPACT" INSWING / OUTSWING	
BILL OF MATERIALS & COMPONENTS		REVISIONS	
NO.	DATE	DESCRIPTION	BY
1	5/07/20	UPDATE TO 2018 IBC/IRC CODE	LFS
DATE: 7/16/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4177		SHEET 6 OF 6	