THERMA TRU®
118 INDUSTRIAL DR., EDGERTON, OH 43517
TEL. (419)298-1740

CLASSIC CRAFT RUSTIC

SINGLE "IMPACT" DOOR
INSWING / OUTSWING

EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Glazed Door described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) 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. This system has been tested and evaluated as a large missile impact protective system for installation in the Seaward, Inland I and Inland II areas. This product 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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3	HORIZONTAL CROSS SECTIONS
4	VERTICAL CROSS SECTIONS
5	FRAME ANCHORING
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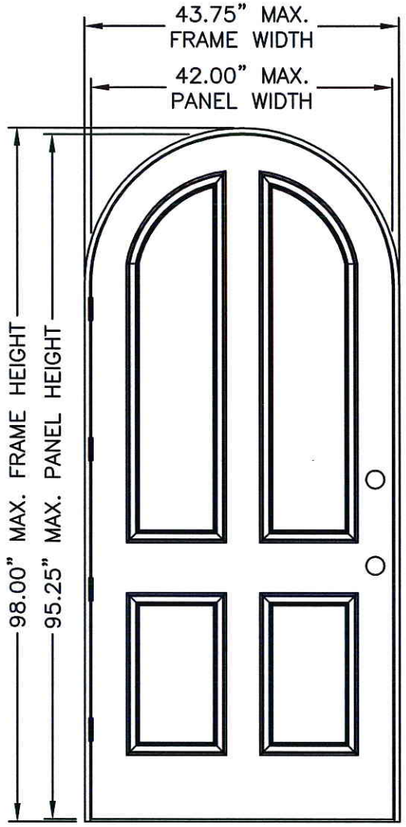
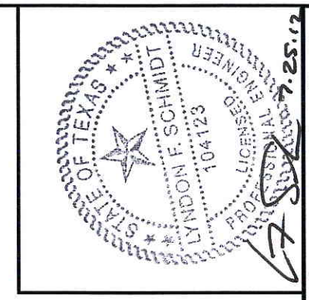


"CLASSIC CRAFT RUSTIC"

DOOR TYPE	SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE	
			POSITIVE	NEGATIVE
CLASSIC CRAFT RUSTIC	OUTSWING	43.75" X 96.50"	+65.0	−65.0
	INSWING	43.75" X 98.00"	+65.0	−65.0



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: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

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

NO.	DATE	BY	REVISIONS

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

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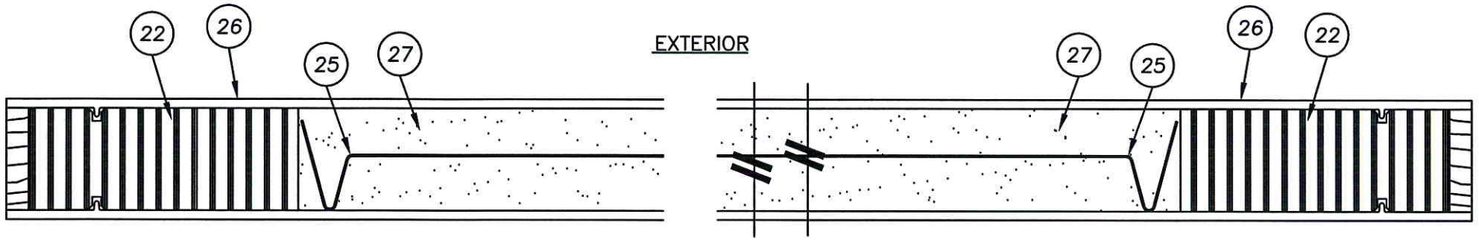
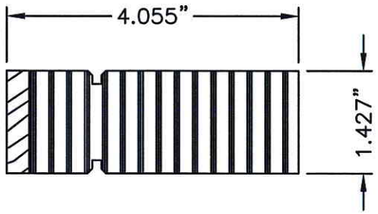
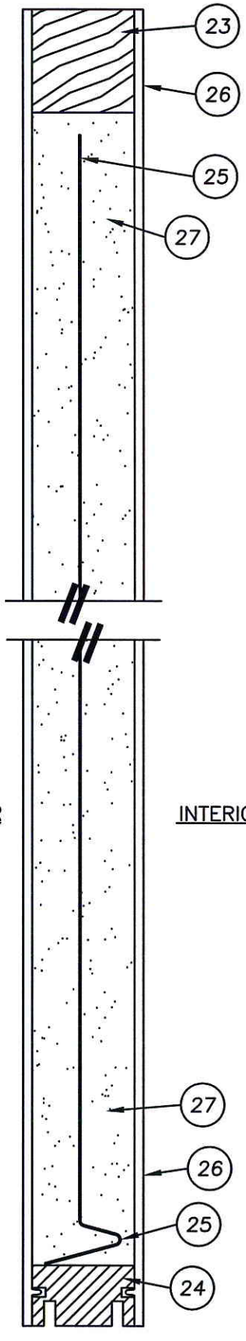
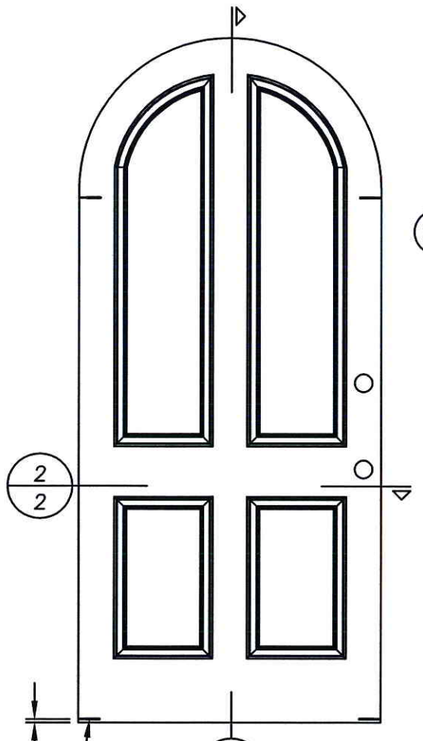


2/2 HORIZONTAL CROSS SECTION
CLASSIC CRAFT RUSTIC



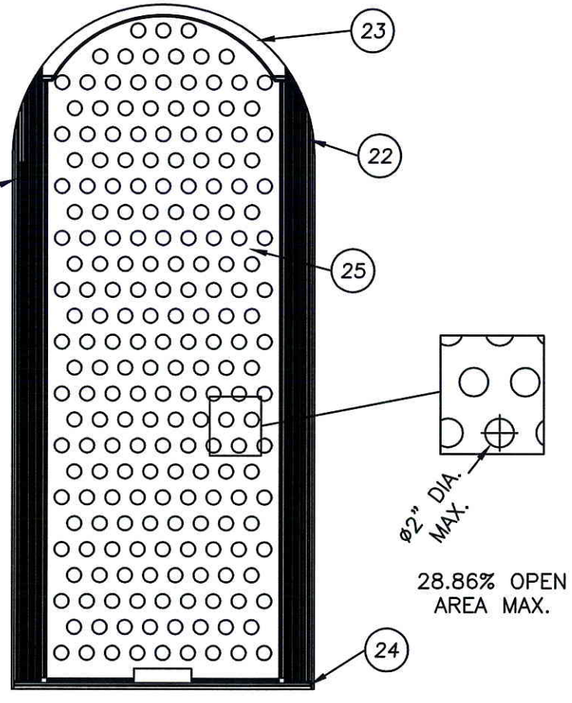
22 LOCK & HINGE STILE
CLASSIC CRAFT RUSTIC



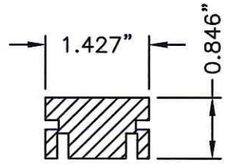


CLASSIC CRAFT RUSTIC

32 TYP. 4 CORNERS OF PANEL



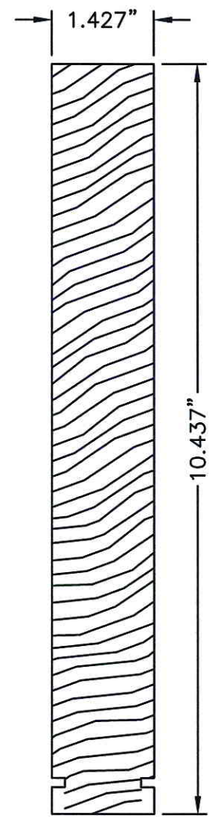
28.86% OPEN AREA MAX.



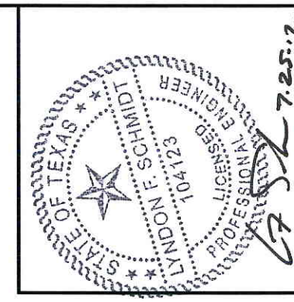
24 BOTTOM RAIL
CLASSIC CRAFT RUSTIC

EXTERIOR INTERIOR

1/2 VERTICAL CROSS SECTION
CLASSIC CRAFT RUSTIC



23 TOP RAIL
CLASSIC CRAFT RUSTIC



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RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: DOOR PANEL DETAILS (CLASSIC CRAFT RUSTIC)

NO.	DATE	REVISIONS	BY

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

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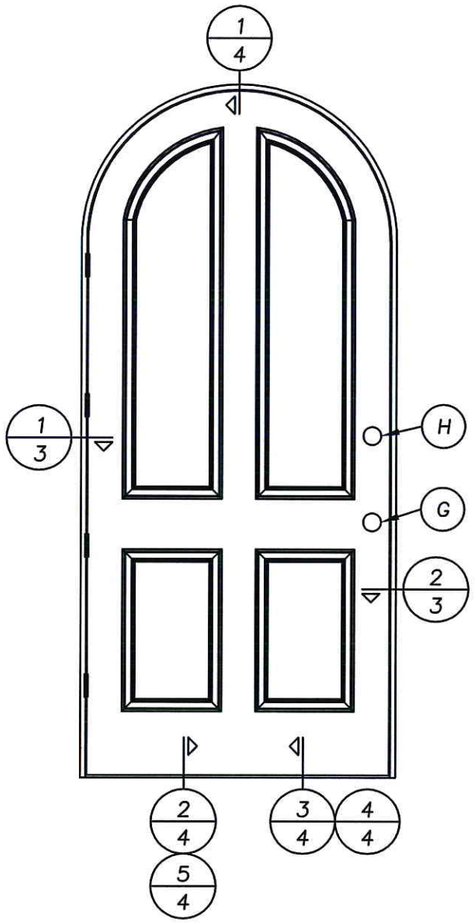
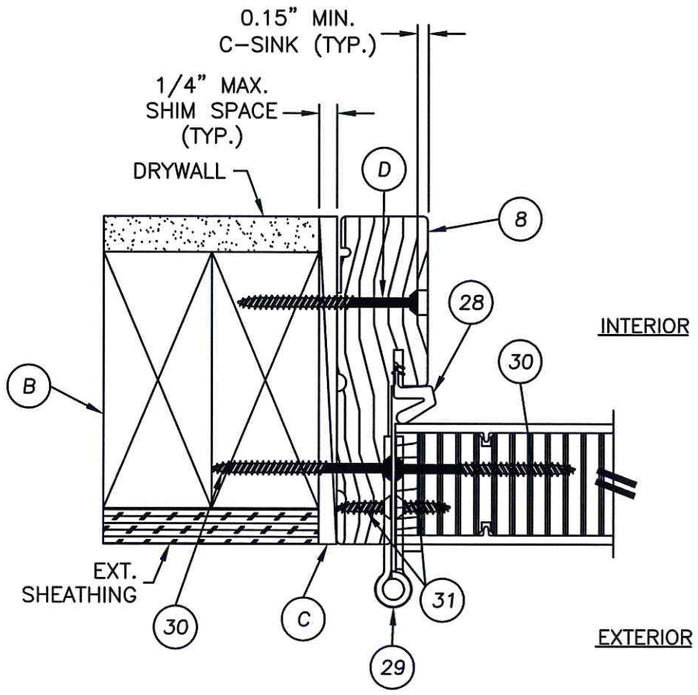
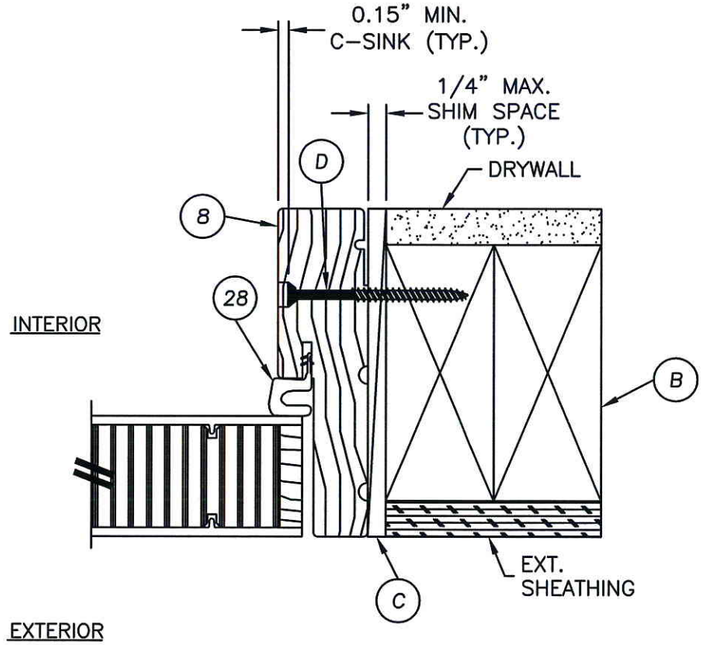




1/3 HORIZONTAL CROSS SECTION
OUTSWING SHOWN (INSWING ALSO APPROVED)



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

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
PROFESSIONAL ENGINEER
7.25.12

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

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

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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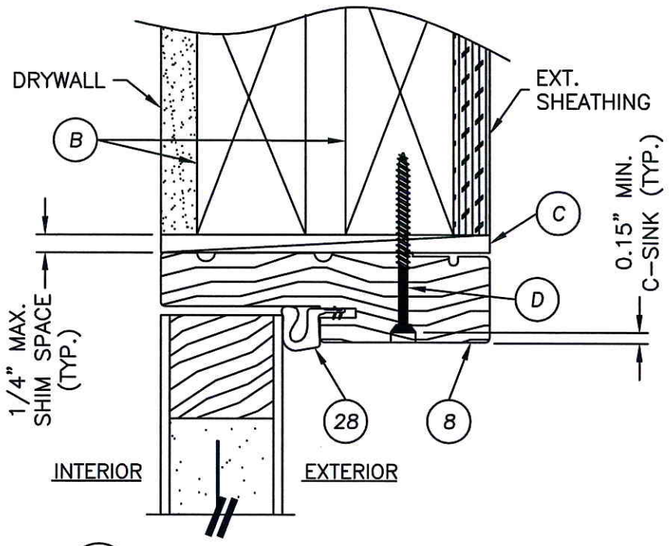
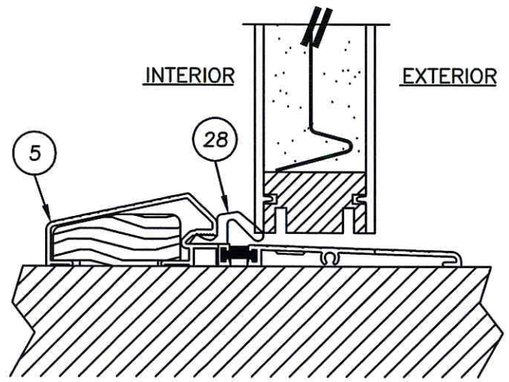
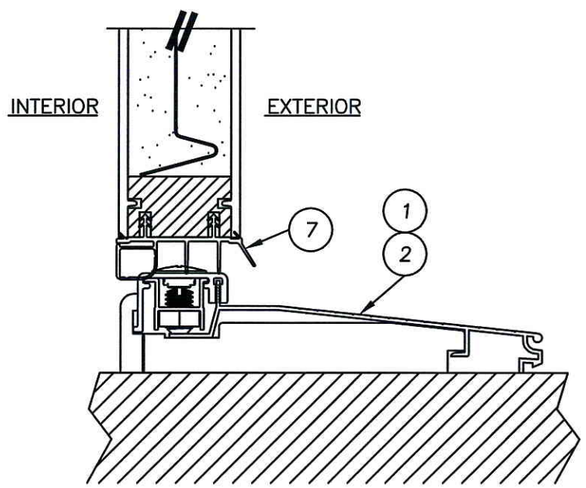


1/4 VERTICAL CROSS SECTION
INSWING SHOWN (OUTSWING ALSO APPROVED)



2/4 VERTICAL CROSS SECTION @ THRESHOLD



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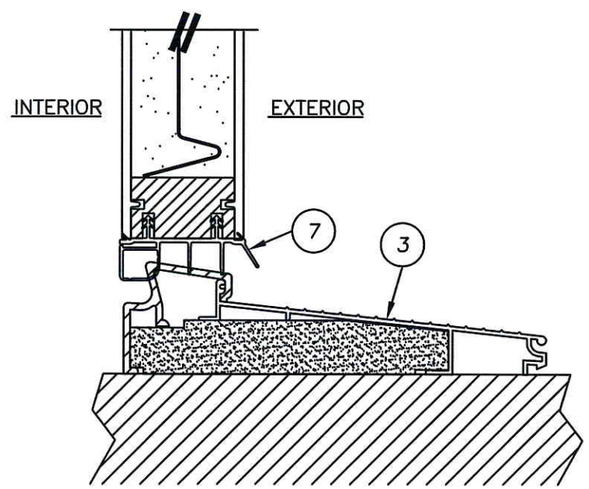

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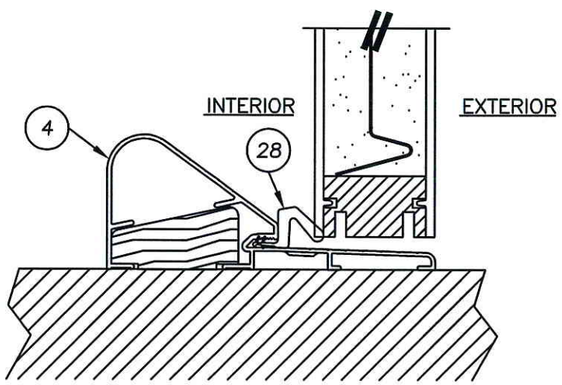

5/4 VERTICAL CROSS SECTION @ THRESHOLD

STATE OF TEXAS
LYNDON F. SCHMIDT
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4177
SHEET 4 OF 6

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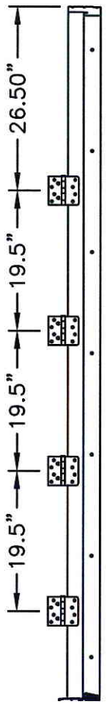

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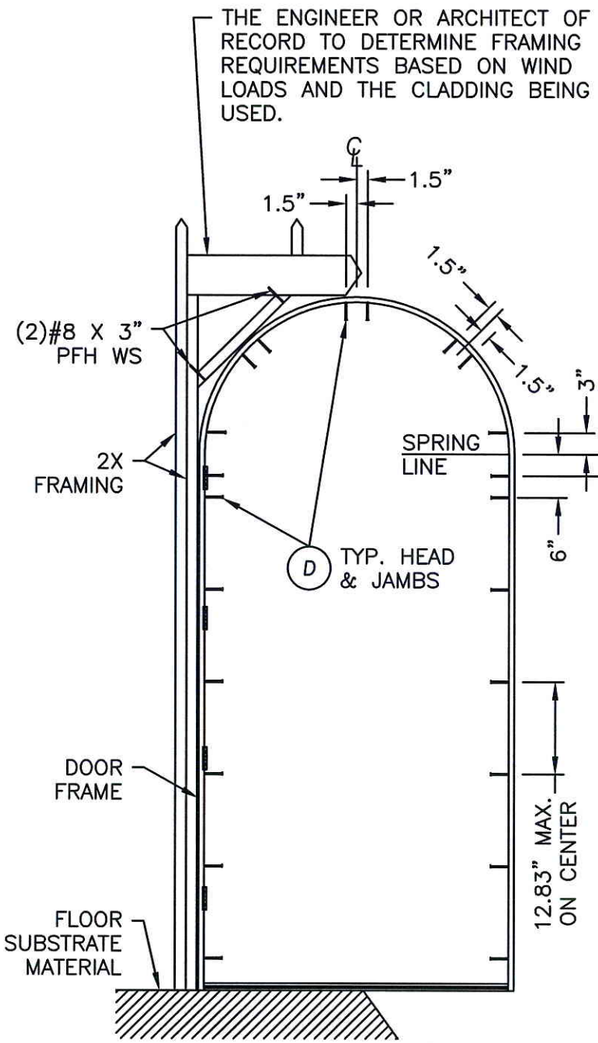
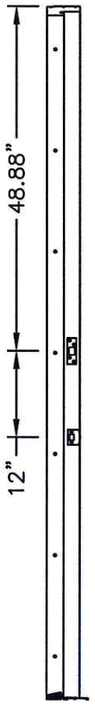
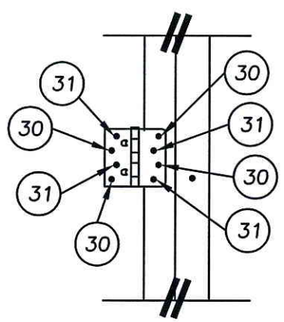


FRAME ANCHORING



STRIKE PLATE DETAIL



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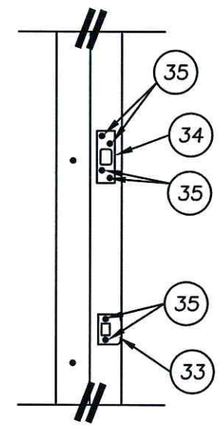

STRIKE PLATE DETAIL

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

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY	REVISIONS

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

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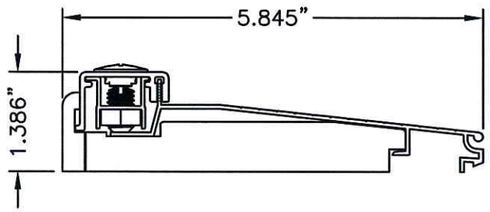
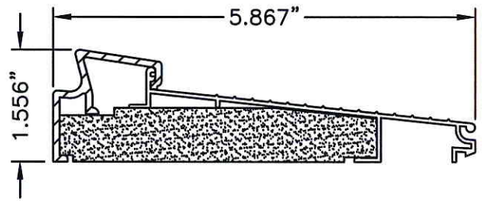
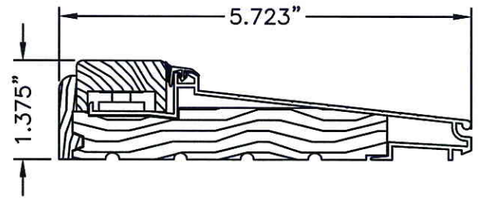
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	WOOD
D	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	KWIKSET SIGNATURE SERIES (740) PASSAGE LOCK	STEEL
H	KWIKSET SIGNATURE SERIES (780) DEADBOLT	STEEL
1	INSWING ADJUSTABLE THRESHOLD (IS300AJ)	ALUM./WOOD
2	INSWING 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



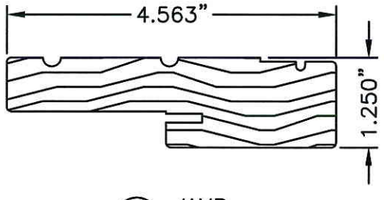
2 THRESHOLD
INSWING ADJUSTABLE



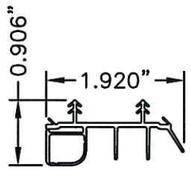
3 THRESHOLD
INSWING SELF-ADJUST



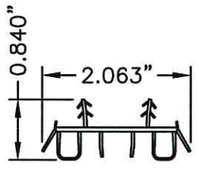
1 THRESHOLD
INSWING ADJUSTABLE



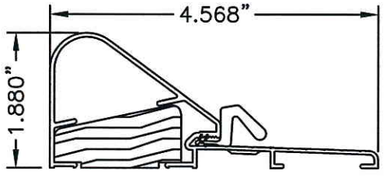
8 JAMB



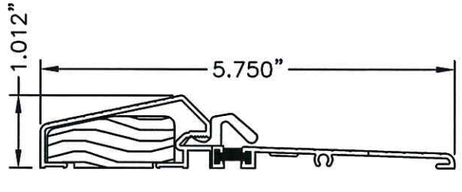
7 SWEEP



52 SWEEP



4 THRESHOLD
OUTSWING COASTAL



5 THRESHOLD
OUTSWING STANDARD

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

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Phone No.: 813.659.9197

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

STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · LICENSED PROFESSIONAL ENGINEER
7.25.12

PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY

REVISIONS

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

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