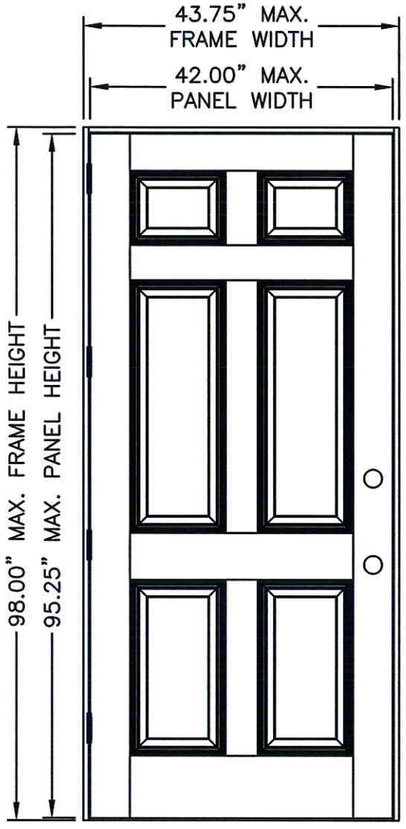
THERMA TRU®
118 INDUSTRIAL DR., EDGERTON, OH 43517
TEL. (419)298-1740

CLASSIC CRAFT & CLASSIC CRAFT RUSTIC

SINGLE "IMPACT" DOOR
INSWING / OUTSWING



"CLASSIC CRAFT" & "CLASSIC CRAFT RUSTIC"

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.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
2	DOOR PANEL DETAILS (CLASSIC CRAFT)
3	DOOR PANEL DETAILS (CLASSIC CRAFT RUSTIC)
4	HORIZONTAL CROSS SECTIONS
5	VERTICAL CROSS SECTIONS
6	FRAME ANCHORING
7	BILL OF MATERIALS & COMPONENTS

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

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED
PROFESSIONAL ENGINEER
7-25-12

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

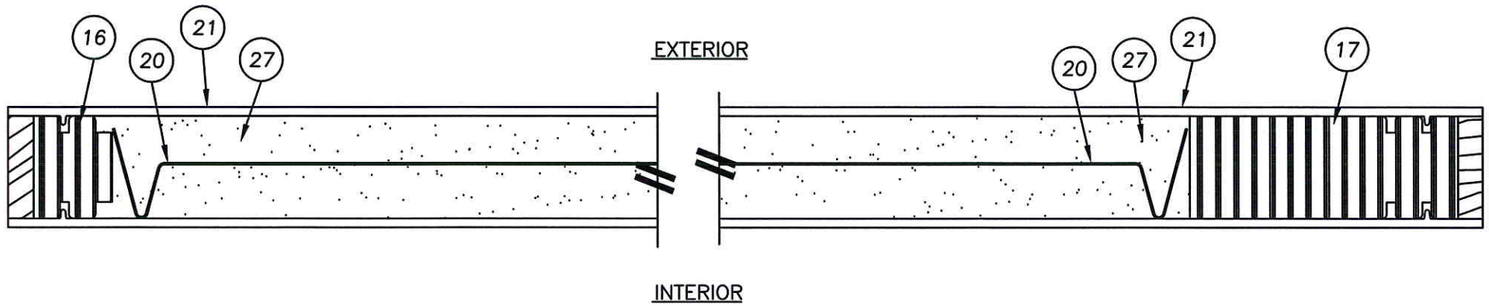
PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

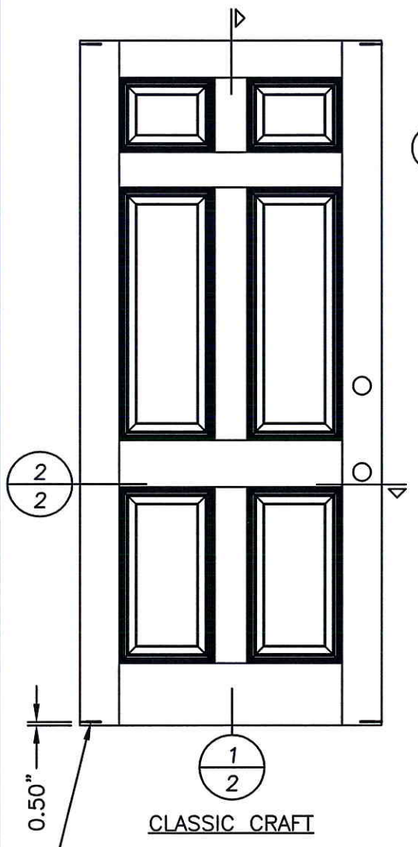
DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4179
SHEET 1 OF 7

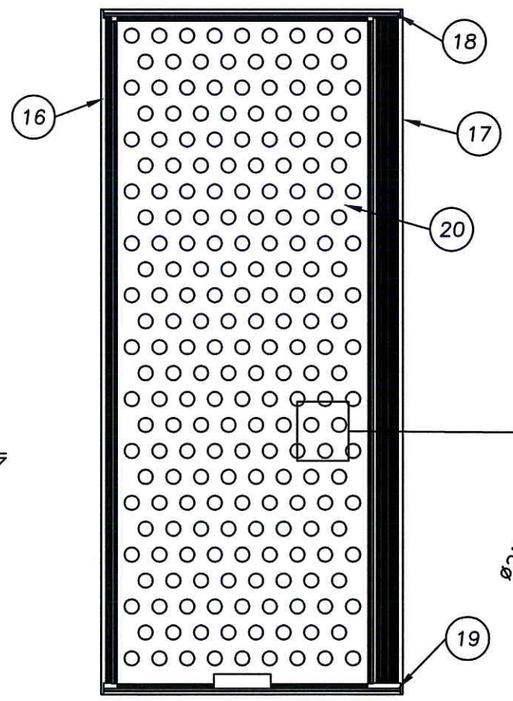
© 2012 R.W. BUILDING CONSULTANTS INC.

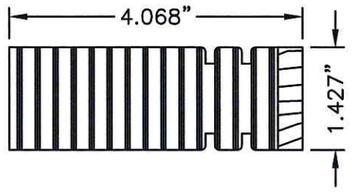
R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, TX-4179



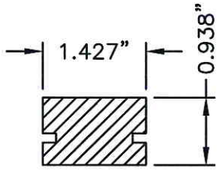
2/2 HORIZONTAL CROSS SECTION
CLASSIC CRAFT



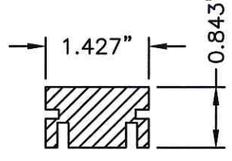




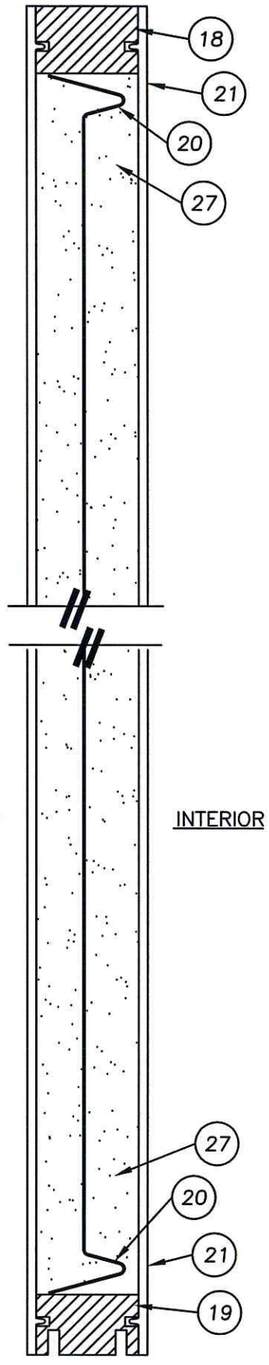
17 LOCK STILE
CLASSIC CRAFT



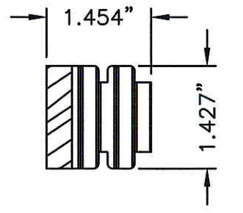
18 TOP RAIL
CLASSIC CRAFT



19 BOTTOM RAIL
CLASSIC CRAFT



1/2 VERTICAL CROSS SECTION
CLASSIC CRAFT



16 HINGE STILE
CLASSIC CRAFT

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

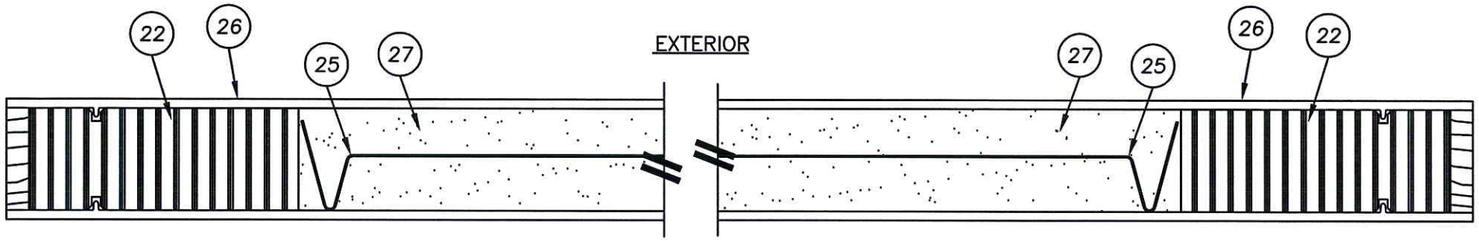
PRODUCT: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING
PART OR ASSEMBLY: DOOR PANEL DETAILS (CLASSIC CRAFT)

NO.	DATE	BY
REVISIONS		

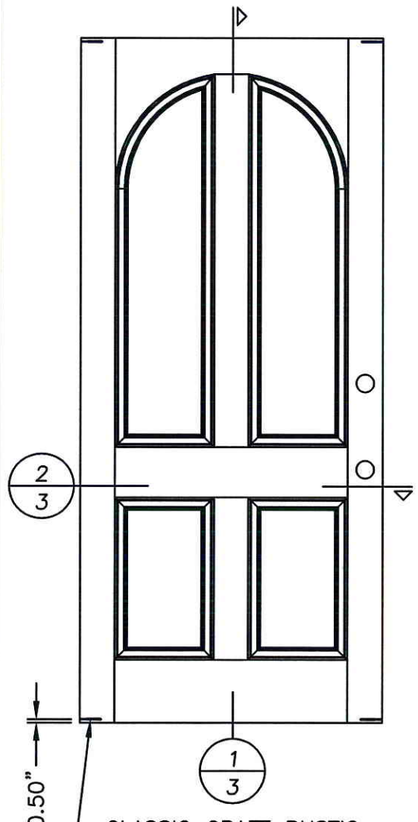
DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4179
SHEET 2 OF 7

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX2

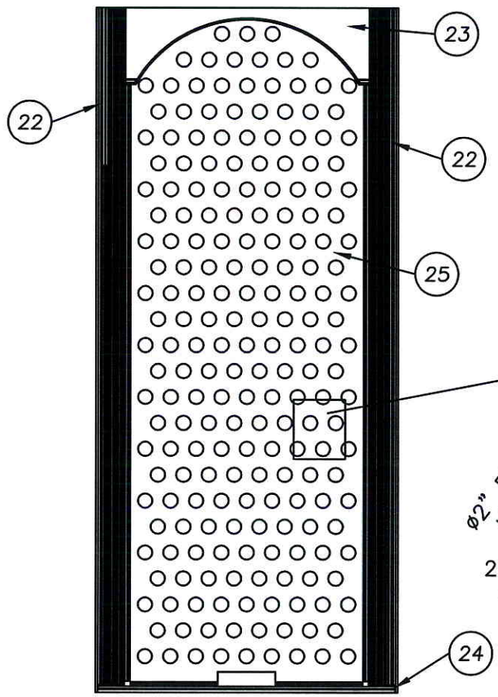


2/3 HORIZONTAL CROSS SECTION
CLASSIC CRAFT RUSTIC

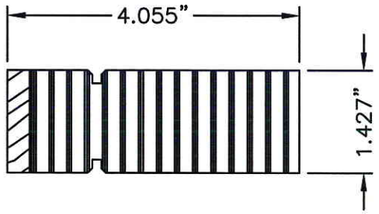


CLASSIC CRAFT RUSTIC

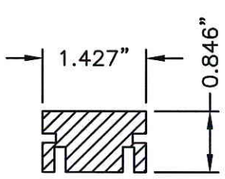
32 TYP. 4 CORNERS OF PANEL



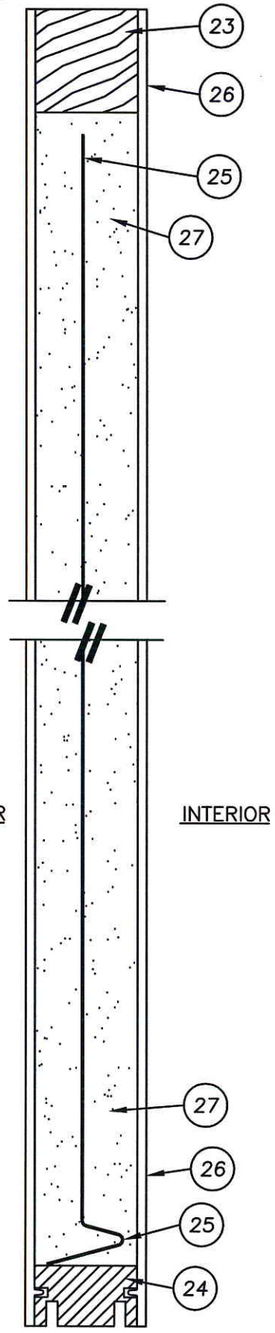
28.86% OPEN AREA MAX.



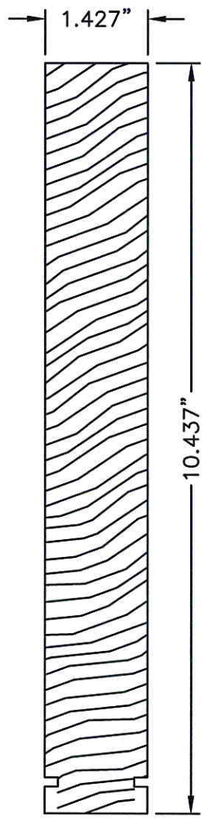
22 LOCK & HINGE STILE
CLASSIC CRAFT RUSTIC



24 BOTTOM RAIL
CLASSIC CRAFT RUSTIC



1/3 VERTICAL CROSS SECTION
CLASSIC CRAFT RUSTIC



23 TOP RAIL
CLASSIC CRAFT RUSTIC

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: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

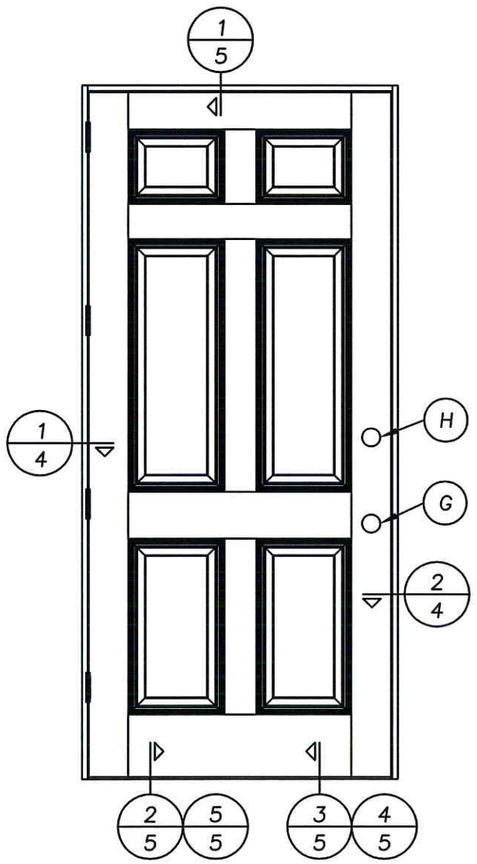
PART OR ASSEMBLY: DOOR PANEL DETAILS (CLASSIC CRAFT RUSTIC)

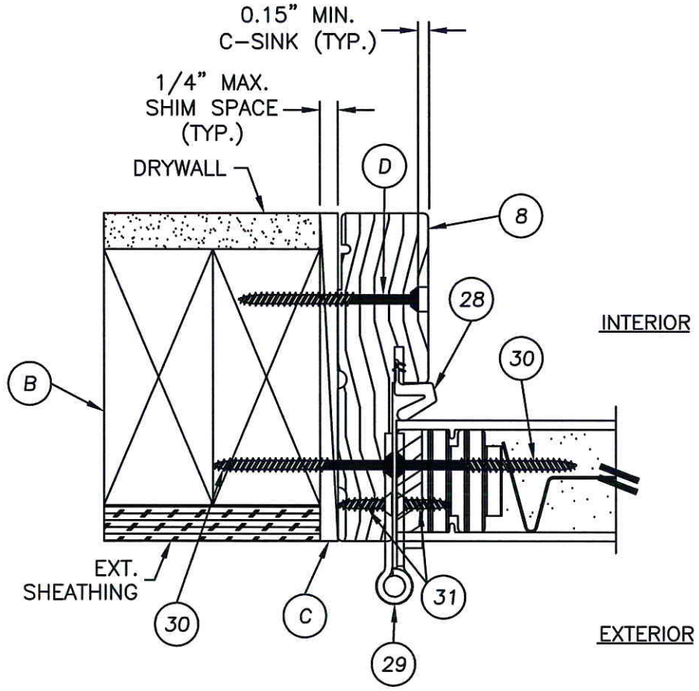
NO.	DATE	BY	REVISIONS

DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4179
SHEET 3 OF 7

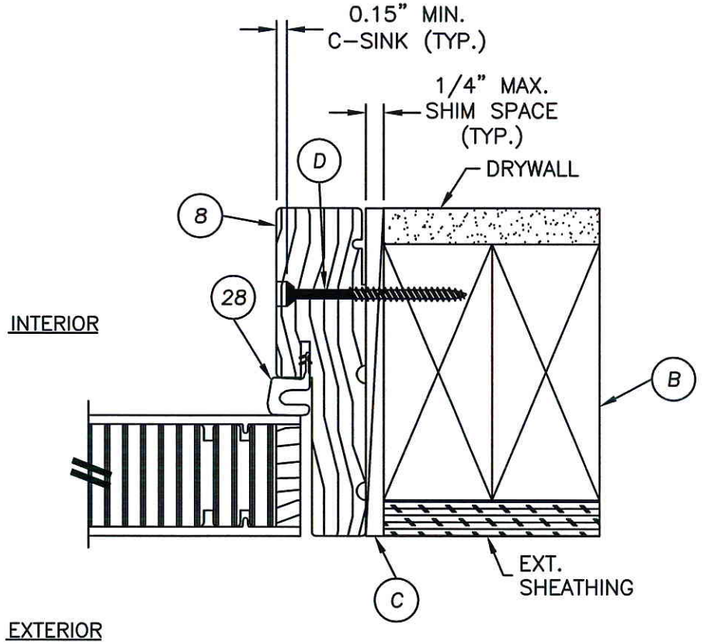
© 2012 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX3





1/4 HORIZONTAL CROSS SECTION
OUTSWING SHOWN (INSWING ALSO APPROVED)
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



2/4 HORIZONTAL CROSS SECTION
OUTSWING SHOWN (INSWING ALSO APPROVED)
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

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:
SINGLE OPAQUE
FIBERGLASS DOOR
"IMPACT" INSWING / OUTSWING

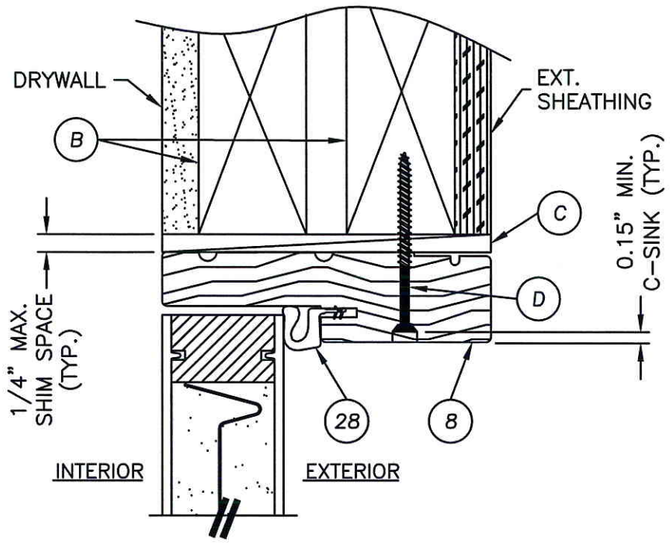
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

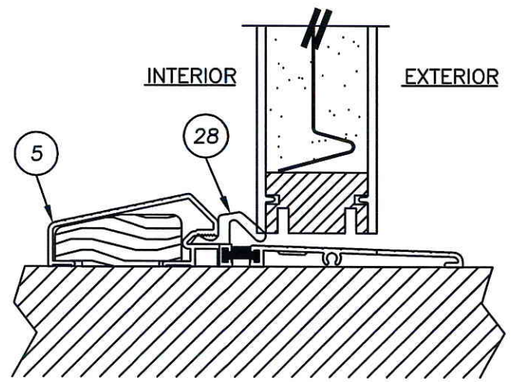
DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX–4179
SHEET 4 OF 7

© 2012 R.W. BUILDING CONSULTANTS INC.

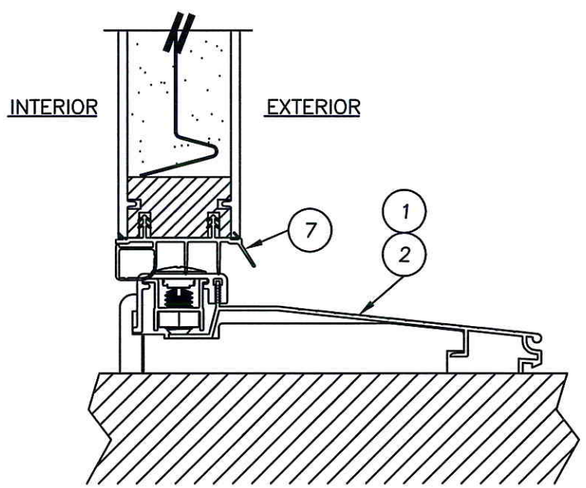
R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX4



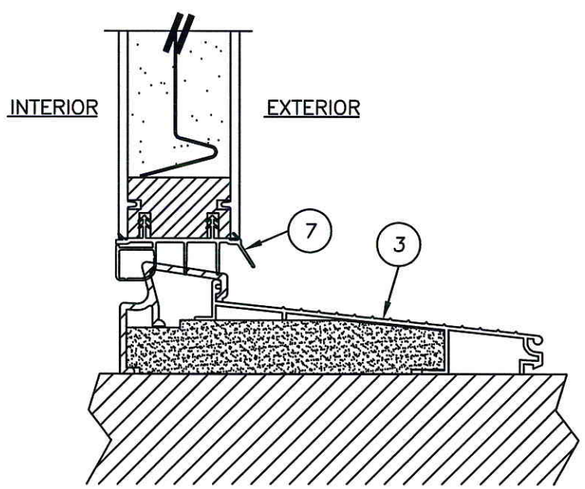
1/5 VERTICAL CROSS SECTION
INSWING SHOWN (OUTSWING ALSO APPROVED)
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR OPTIONAL PANEL TYPES



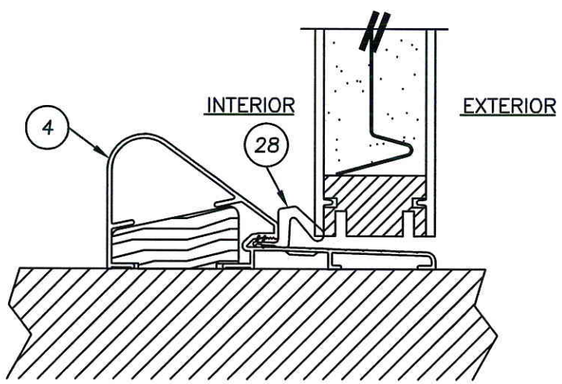
2/5 VERTICAL CROSS SECTION
@ THRESHOLD
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR OPTIONAL PANEL TYPES



3/5 VERTICAL CROSS SECTION
@ THRESHOLD
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR OPTIONAL PANEL TYPES



4/5 VERTICAL CROSS SECTION
@ THRESHOLD
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR OPTIONAL PANEL TYPES



5/5 VERTICAL CROSS SECTION
@ THRESHOLD
CLASSIC CRAFT PANEL SHOWN
SEE DOOR PANEL DETAILS FOR OPTIONAL PANEL TYPES

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
7-25-12

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: SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

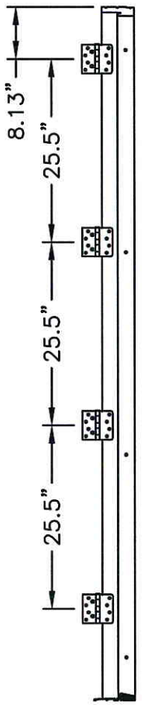
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

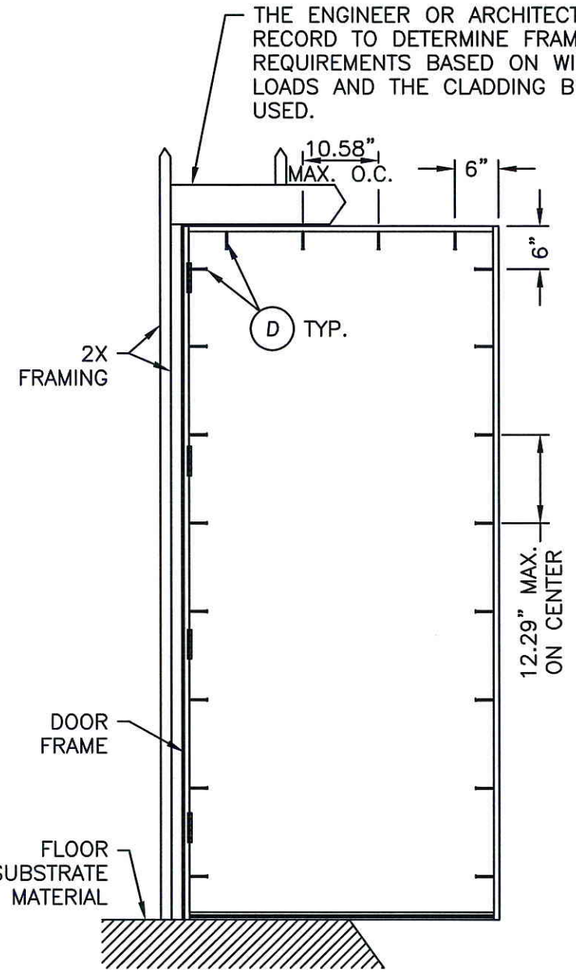
DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4179
SHEET 5 OF 7

© 2012 R.W. BUILDING CONSULTANTS INC.

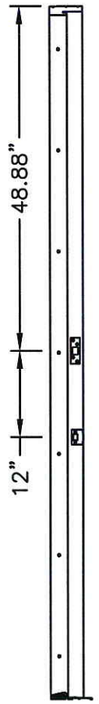
R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX5



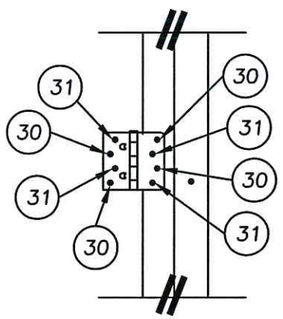
HINGE DETAIL



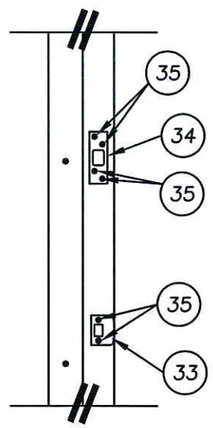
BUCK ANCHORING



STRIKE PLATE DETAIL



HINGE DETAIL



STRIKE PLATE DETAIL

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
REGISTERED PROFESSIONAL ENGINEER
7.25.12

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:
SINGLE OPAQUE FIBERGLASS DOOR "IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY:
FRAME ANCHORING

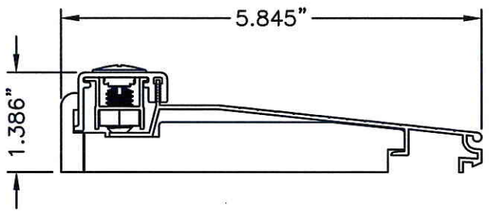
NO.	DATE	REVISIONS	BY

DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4179
SHEET 6 OF 7

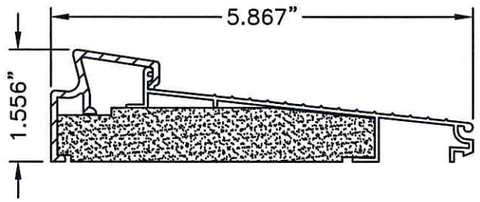
© 2012 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX6

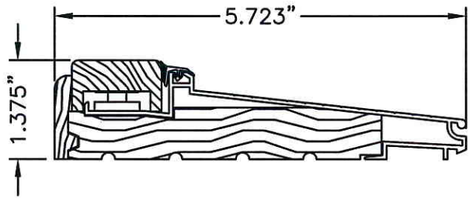
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	WOOD
D	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	KWIKSET SIGNATURE SERIES (740) PASSAGE LOCK	STEEL
H	KWIKSET SIGNATURE SERIES (780) DEADBOLT	STEEL
1	INSWING ADJUSTABLE THRESHOLD (IS300AJ)	ALUM./WOOD
2	INSWING 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
16	HINGE STILE (CLASSIC CRAFT)	WOOD/LVL
17	LOCK STILE (CLASSIC CRAFT)	WOOD/LVL
18	TOP RAIL (CLASSIC CRAFT)	PVC
19	BOTTOM RAIL (CLASSIC CRAFT)	PVC
20	PANEL REINFORCEMENT 0.023" THK. (CLASSIC CRAFT)	STEEL
21	DOOR SKIN 0.125" THK. (CLASSIC CRAFT) Fy = 6,000 PSI MIN.	FIBERGLASS
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



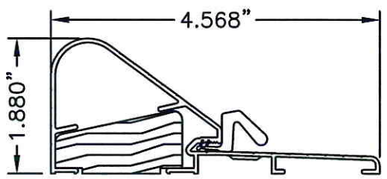
2 THRESHOLD INSWING ADJUSTABLE



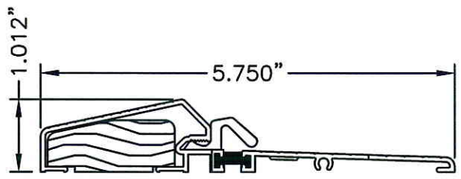
3 THRESHOLD INSWING SELF-ADJUST



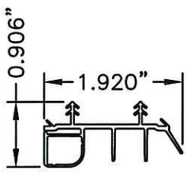
1 THRESHOLD INSWING ADJUSTABLE



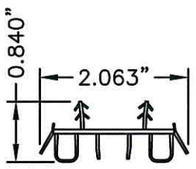
4 THRESHOLD OUTSWING COASTAL



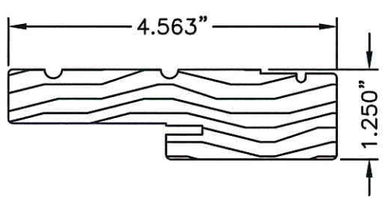
5 THRESHOLD OUTSWING STANDARD



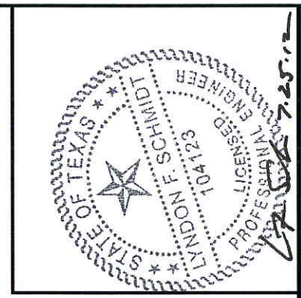
7 SWEEP



52 SWEEP



8 JAMB



7-25-12

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: 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-4179
SHEET 7 OF 7

© 2012 R.W. BUILDING CONSULTANTS INC.

R:\A - Projects\Project Folders\Proj 1101 - 1200\pf1104\D. RWBC Drawings\TX-4175-83.dwg, FX7