

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

THERMA TRU®

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

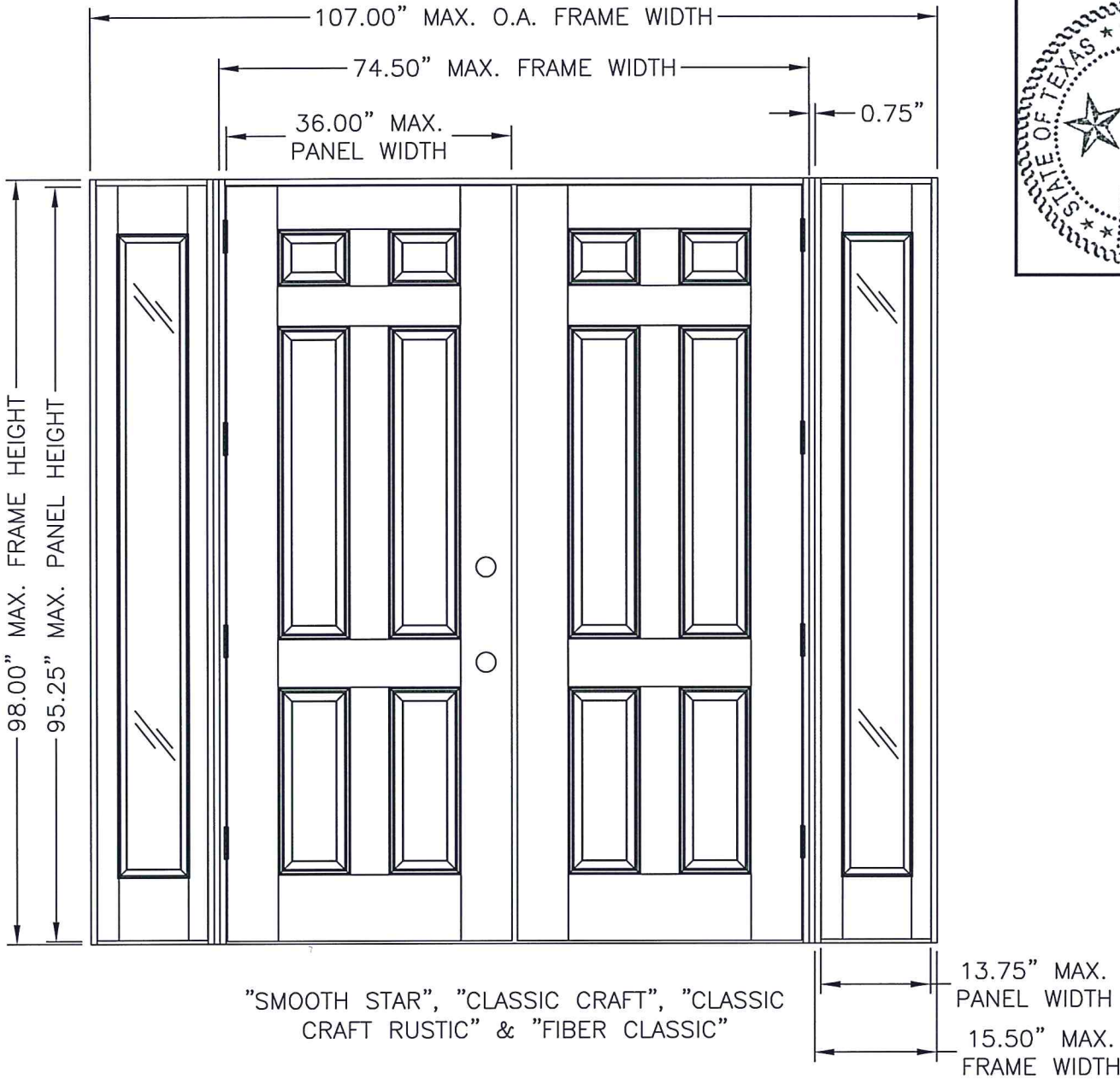
**SMOOTH STAR, FIBER CLASSIC,
CLASSIC CRAFT & CLASSIC CRAFT RUSTIC
DOUBLE "IMPACT" DOOR
WITH "NON-IMPACT" SIDELITES
INSWING / OUTSWING**

EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Opaque 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. The opaque door has been tested and evaluated as a large missile impact protective system for installation in the Seaward, Inland I and Inland II areas. The opaque door meets missile level "D" as defined in ASTM E 1996. The non-impact sidelites require an impact protective system when installed in the Seaward, Inland I and Inland II areas.
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.
5. Fiber-Classic and Smooth-Star Door and Sidelite panels require the use of "J" part numbers. These door and sidelite panels must be stained or painted within six months of installation.

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4	DOOR PANEL DETAILS (CLASSIC CRAFT RUSTIC)
5	DOOR PANEL DETAILS (FIBER CLASSIC)
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11	ASTRAGAL, HARDWARE & GLAZING DETAILS
12	COMPONENTS
13	BILL OF MATERIALS



DOOR TYPE	SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE	
			POSITIVE	NEGATIVE
CLASSIC CRAFT	OUTSWING	107.00" X 96.50"	+65.0	-65.0
	INSWING	107.00" X 98.00"	+65.0	-65.0
FIBER CLASSIC	OUTSWING	107.00" X 96.50"	+65.0	-65.0
	INSWING	107.00" X 98.00"	+65.0	-65.0
SMOOTH STAR	OUTSWING	107.00" X 96.50"	+65.0	-65.0
	INSWING	107.00" X 98.00"	+65.0	-65.0
CLASSIC CRAFT RUSTIC	OUTSWING	107.00" X 96.50"	+65.0	-65.0
	INSWING	107.00" X 98.00"	+65.0	-65.0



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

NO.	DATE	ADDED GENERAL NOTE	LFS BY	REVISIONS
1	7/22/15	5.		

DATE: 7/16/12

SCALE: N.T.S.

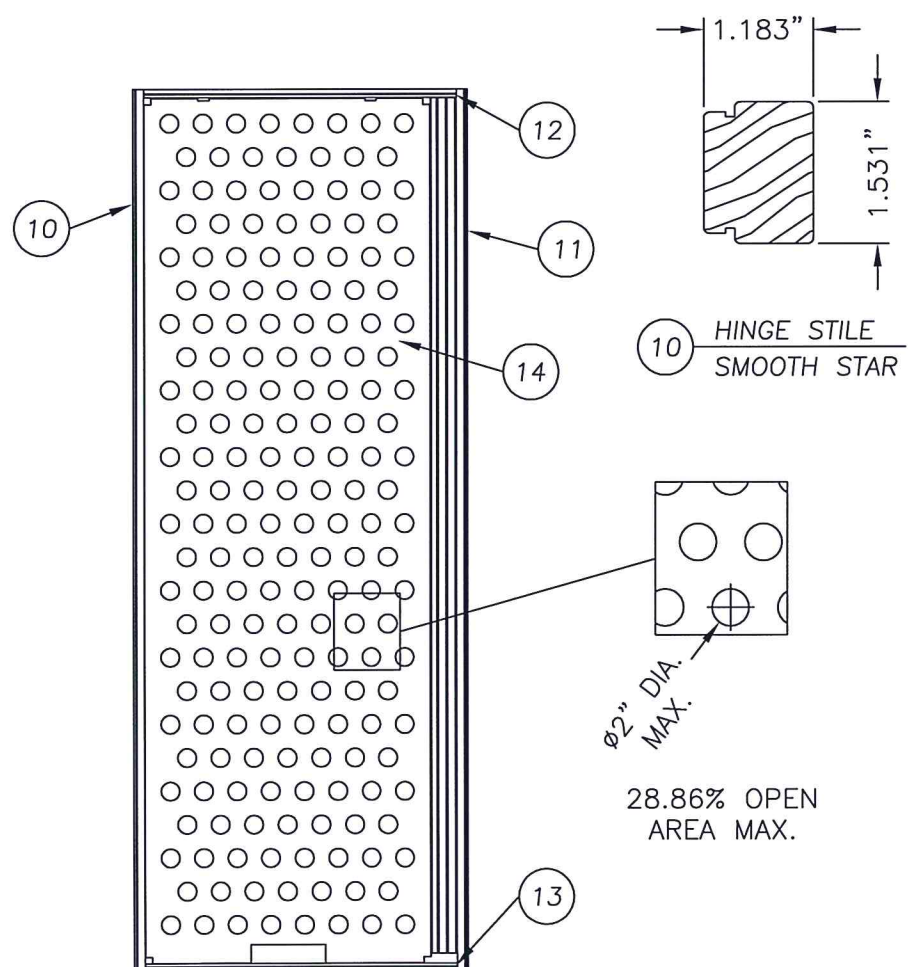
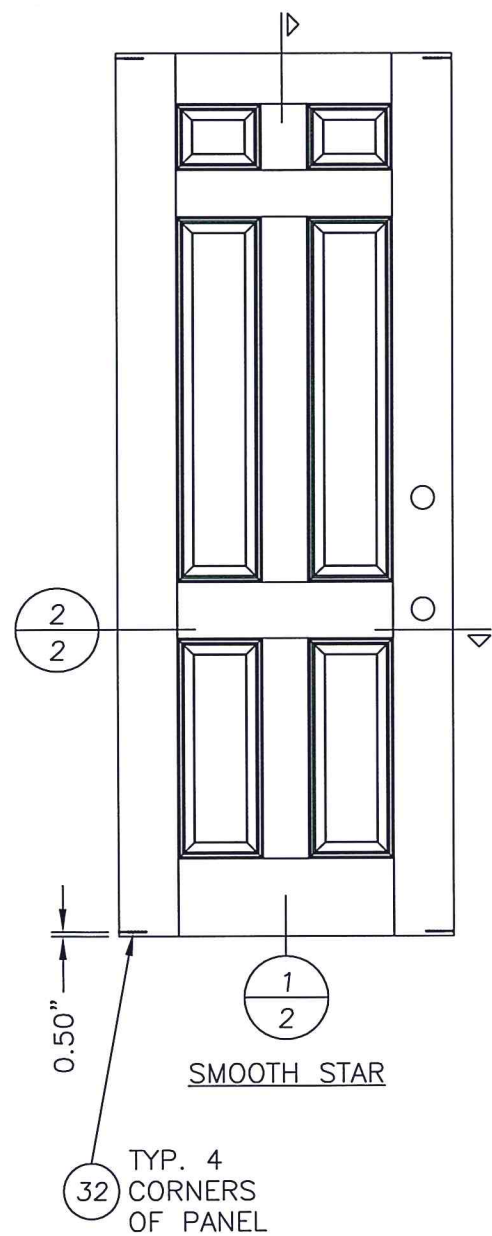
DWG. BY: JK

CHK. BY: LFS

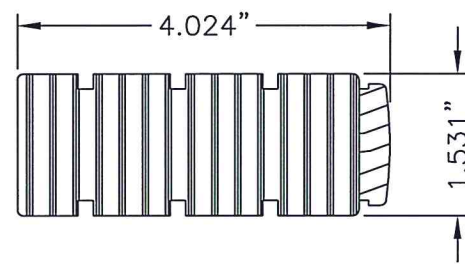
DRAWING NO.: TX-4175

SHEET 1 OF 13

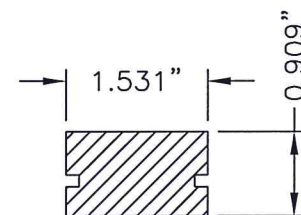
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2	SMOOTH STAR



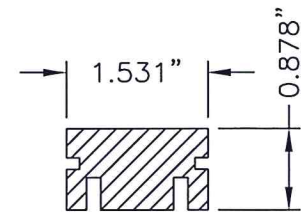
11 LOCK STILE
SMOOTH STAR



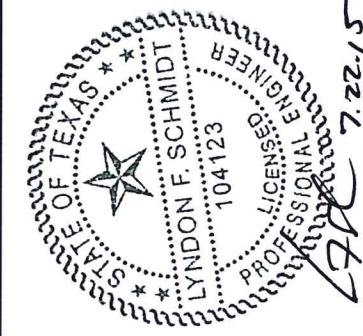
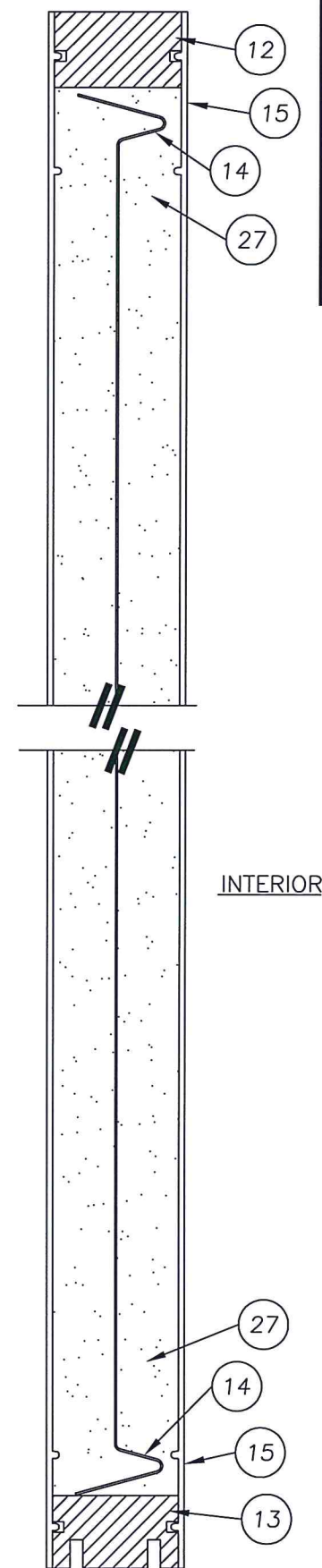
12 TOP RAIL
SMOOTH STAR



13 BOTTOM RAIL
SMOOTH STAR



1	VERTICAL CROSS SECTION
2	SMOOTH STAR



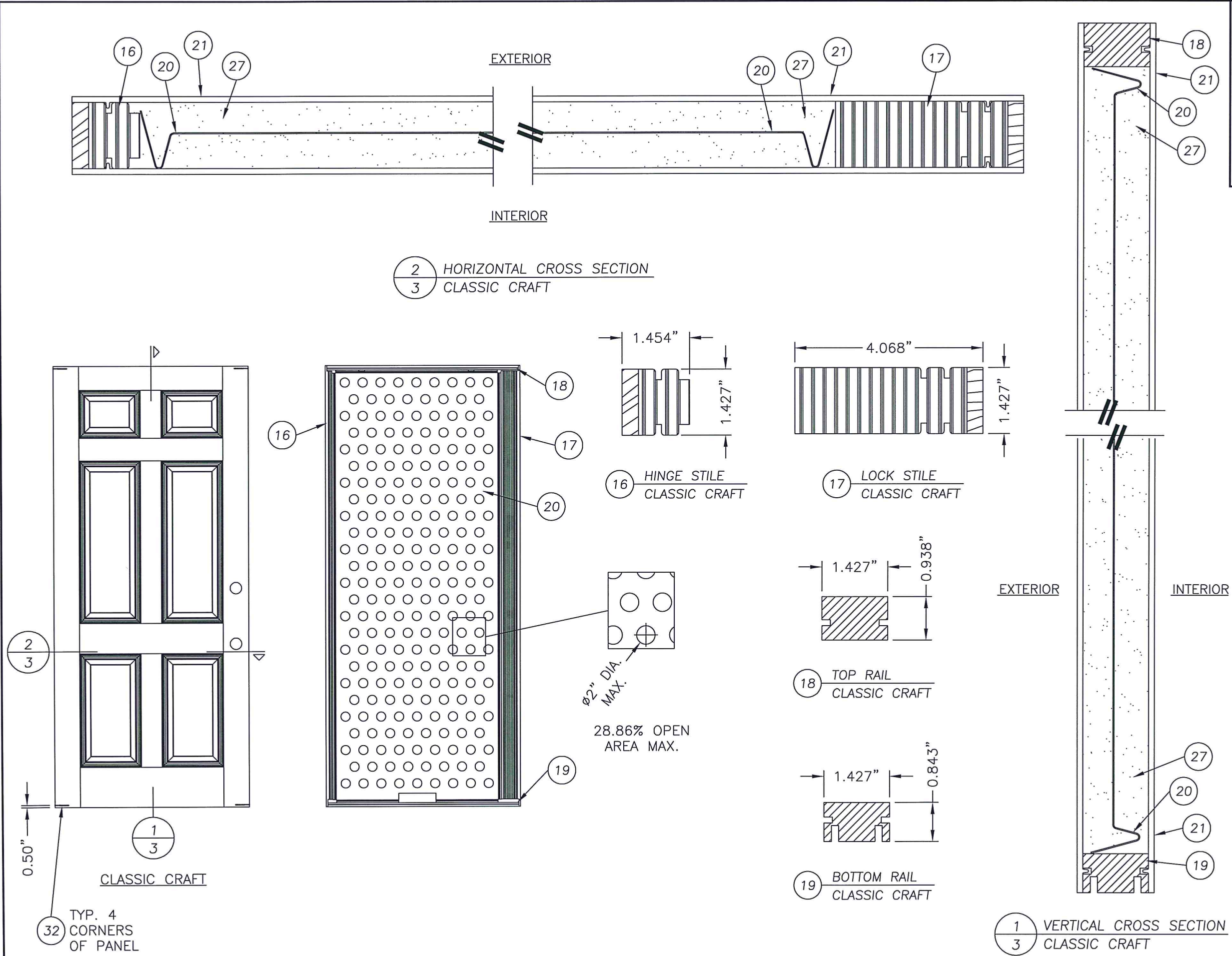
Documents Prepared By: Lyndon F. Schmidt, P.E.
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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

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

PRODUCT:		DOUBLE OPAQUE FIBERGLASS DOOR W/ SIDELITES "IMPACT" INSWING / OUTSWING	
PART OR ASSEMBLY:		DOOR PANEL DETAILS (SMOOTH STAR)	
1	7/22/15	ADDED GENERAL NOTE 5.	LFS
NO.	DATE		BY
		REVISIONS	
DATE: 7/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4175			
SHEET 2 OF 13			

\\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-wo Imp SLV - Drawings\Current\TX-4175-83.dwg, OXXO3



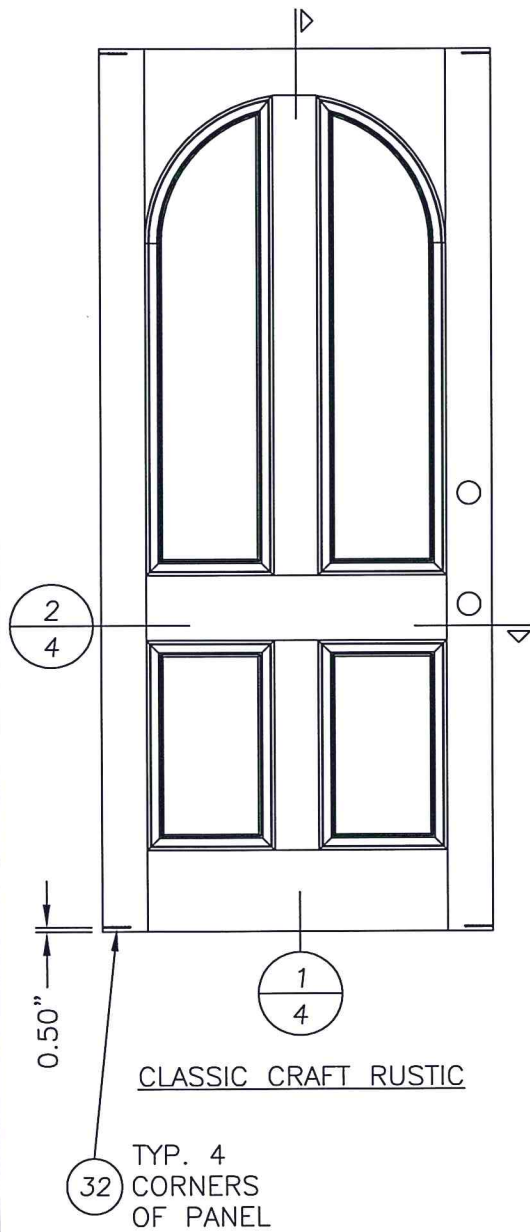
Documents Prepared By: Lyndon F. Schmidt, P.E.
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CERTIFICATE OF REGISTRATION # F-11852

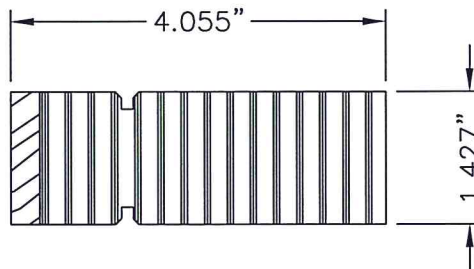
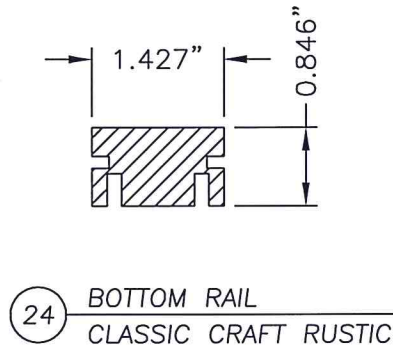
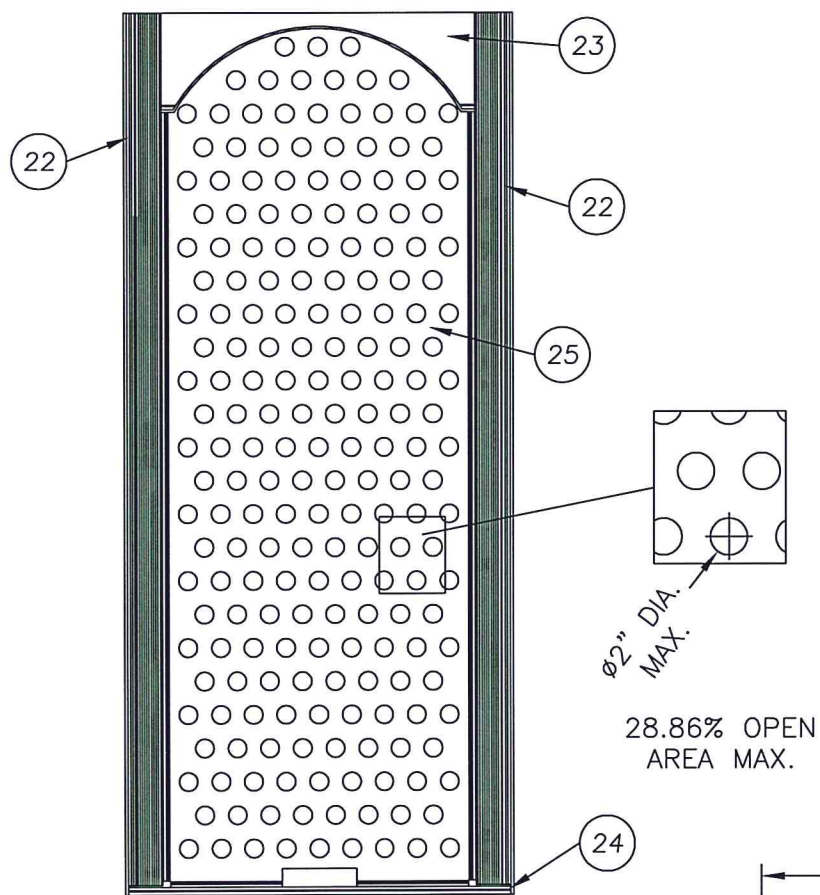
PRODUCT:		DOUBLE OPAQUE FIBERGLASS DOOR W/SIDELITES "IMPACT" INSWING / OUTSWING	
PART OR ASSEMBLY:		DOOR PANEL DETAILS (CLASSIC CRAFT)	
NO.		LFS	
DATE		BY	
1		7/22/15	
ADDED GENERAL NOTE 5.			
REVISIONS			
DATE: 7/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4175			
SHEET 3 OF 13			

\\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TJD\ - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-wo Imp SLIC - Drawings\Current\TX-4175-83.dwg, OXO4



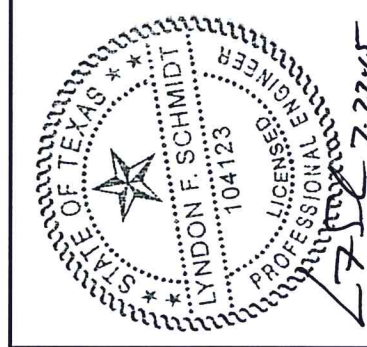
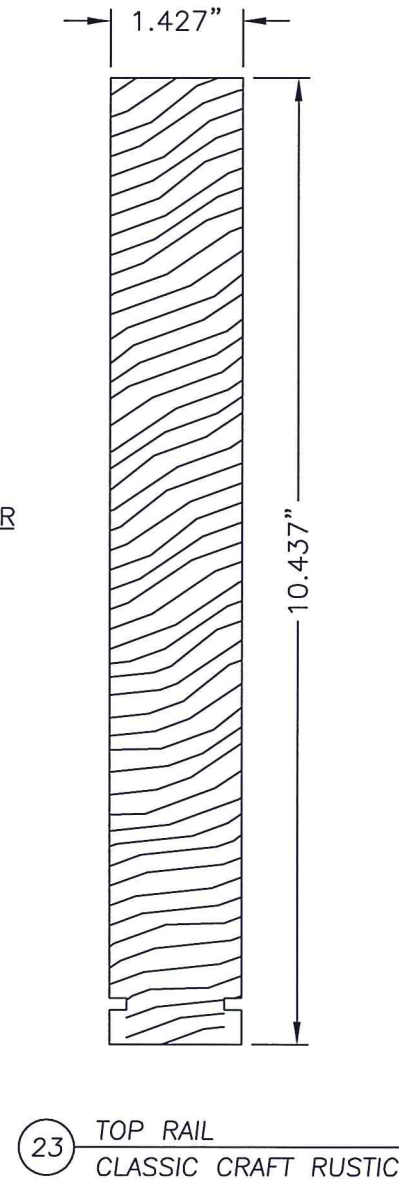
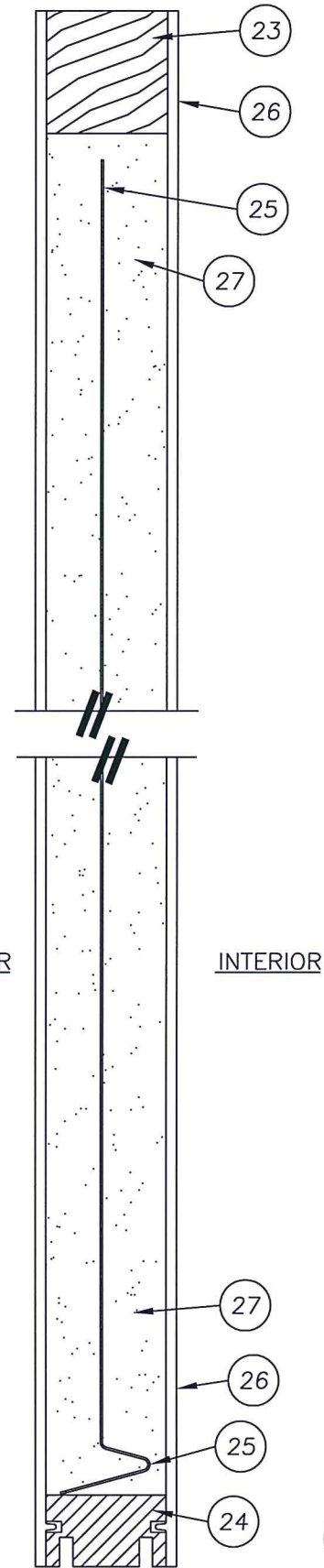
32 TYP. 4 CORNERS OF PANEL

2 HORIZONTAL CROSS SECTION
4 CLASSIC CRAFT RUSTIC



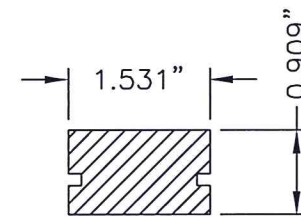
EXTERIOR INTERIOR

1 VERTICAL CROSS SECTION
4 CLASSIC CRAFT RUSTIC

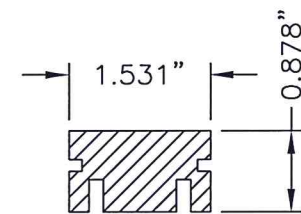


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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

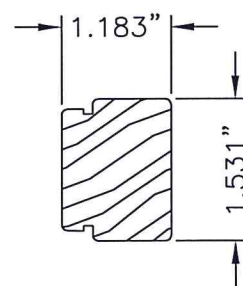
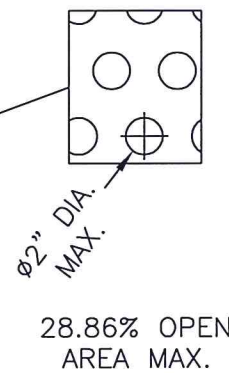
PRODUCT:		DOUBLE OPAQUE FIBERGLASS DOOR W/SIDELITES "IMPACT" INSWING / OUTSWING	
PART OR ASSEMBLY:		DOOR PANEL DETAILS (CLASSIC CRAFT RUSTIC)	
DATE:		7/16/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		TX-4175	
SHEET		4	OF 13
NO.		1	7/22/15
DATE		ADDED	GENERAL NOTE 5.
BY		LFS	
REVISIONS			



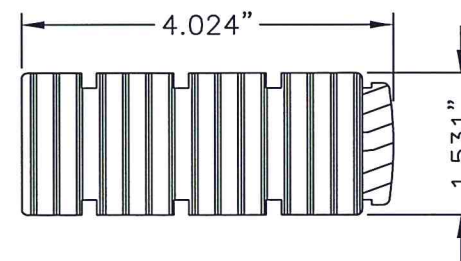
64 TOP RAIL
FIBER CLASSIC



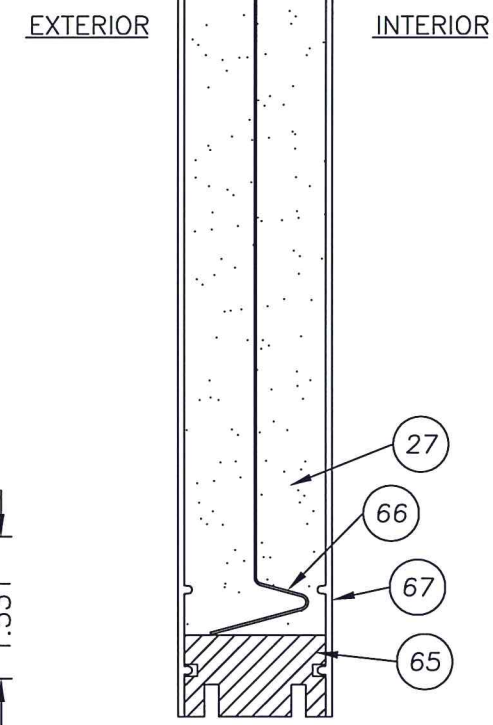
65 BOTTOM RAIL
FIBER CLASSIC



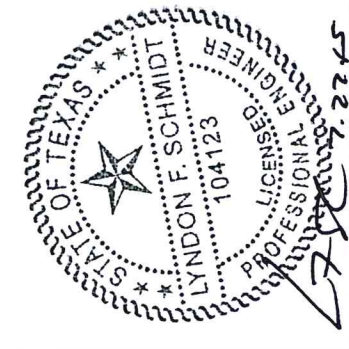
62 HINGE STILE
FIBER CLASSIC



63 LOCK STILE
FIBER CLASSIC



1 VERTICAL CROSS SECTION
5 FIBER CLASSIC

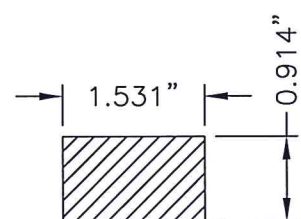


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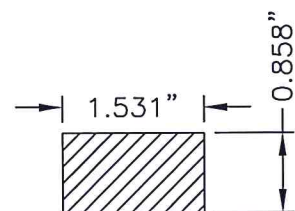
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
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CERTIFICATE OF REGISTRATION # F-11852

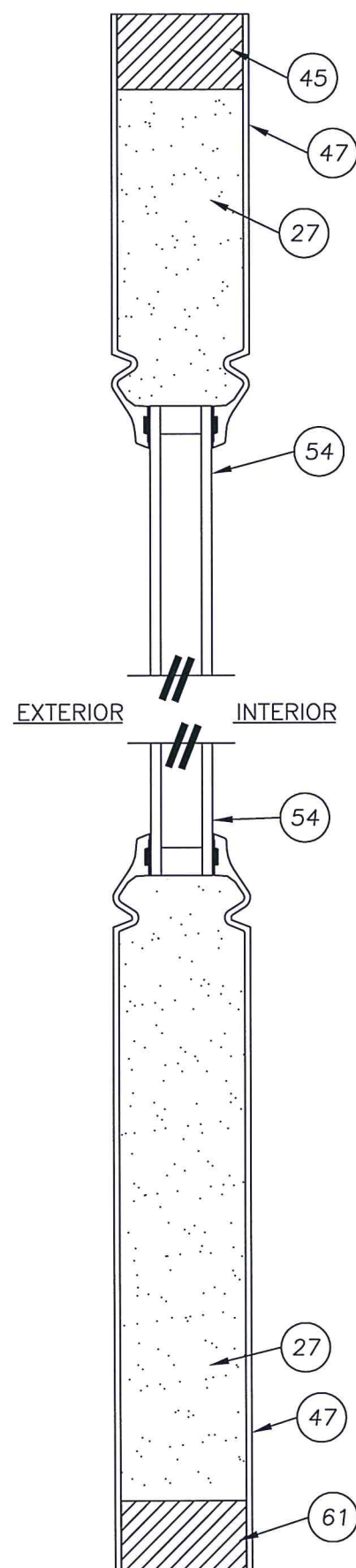
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SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4175			
SHEET 5 OF 13	PART OR ASSEMBLY: DOOR PANEL DETAILS (FIBER CLASSIC)		



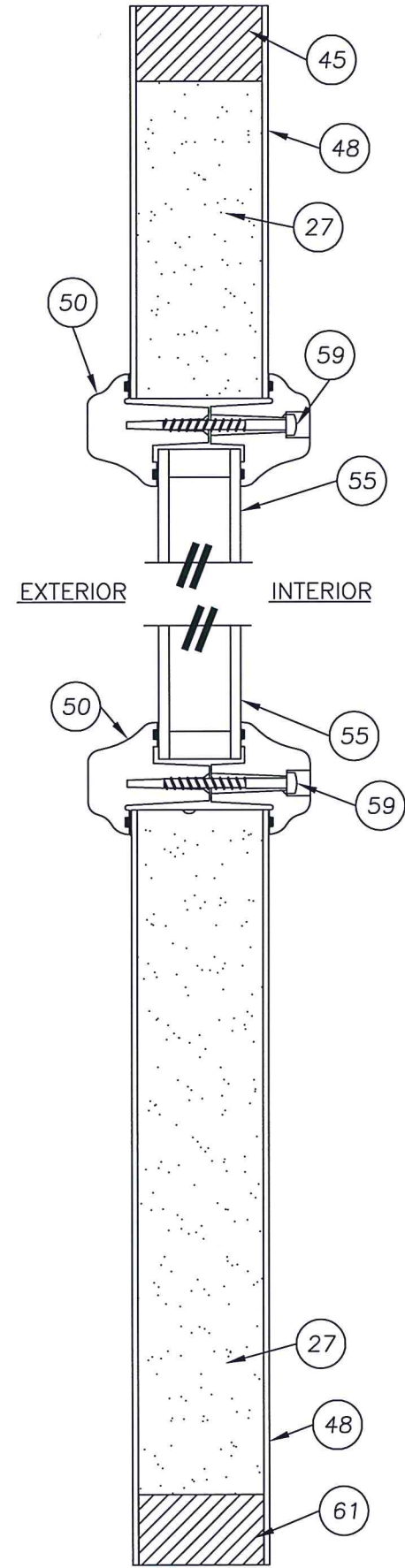
45 TOP RAIL
SIDELITE



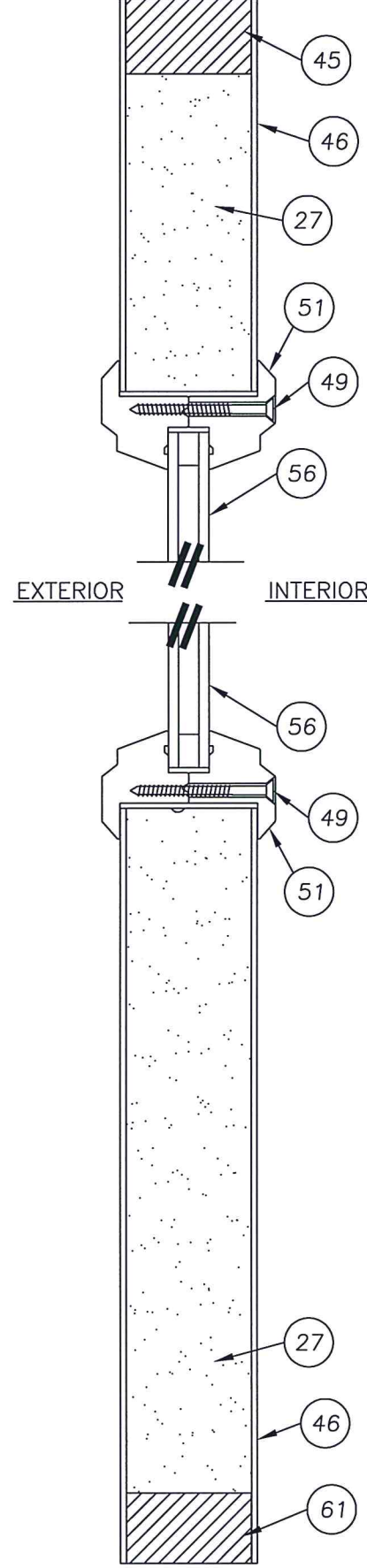
61 BOTTOM RAIL
SIDELITE



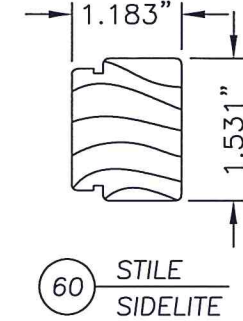
4 VERTICAL CROSS SECTION
6 (CLASSIC CRAFT)



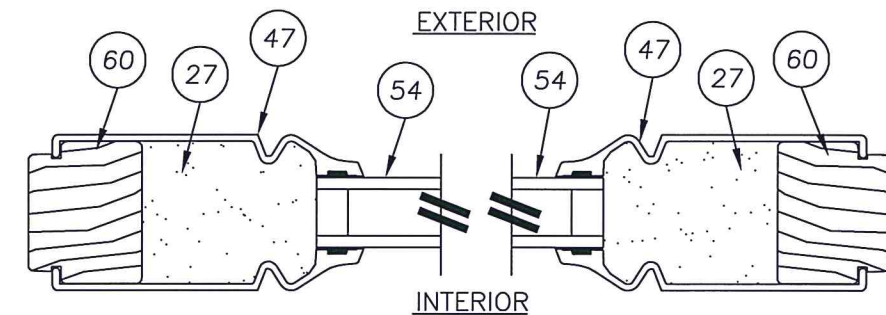
5 VERTICAL CROSS SECTION 6 (FIBER CLASSIC)



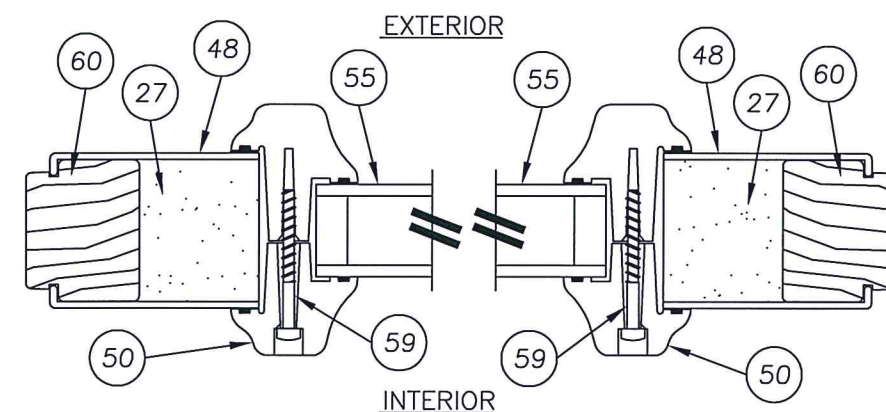
6 VERTICAL CROSS SECTION
6 (SMOOTH STAR)



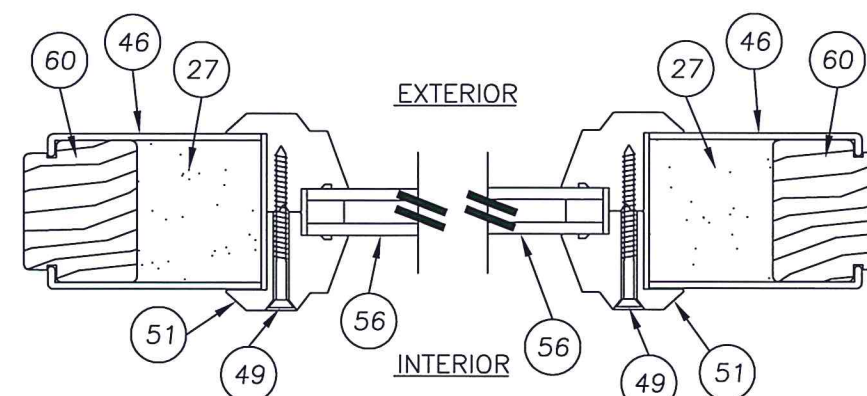
60 STILE
SIDELITE



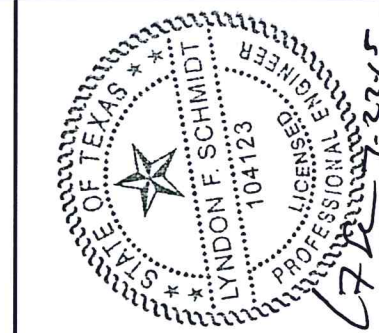
1 6 HORIZONTAL CROSS SECTION (CLASSIC CRAFT)



2 HORIZONTAL CROSS SECTION
6 (FIBER CLASSIC)



3 HORIZONTAL CROSS SECTION
6 (SMOOTH STAR)



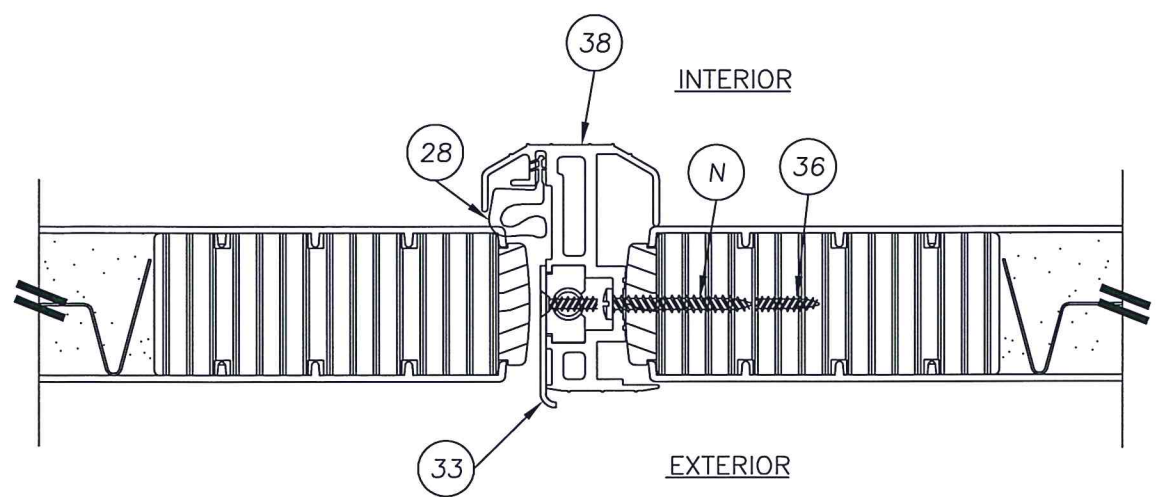
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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

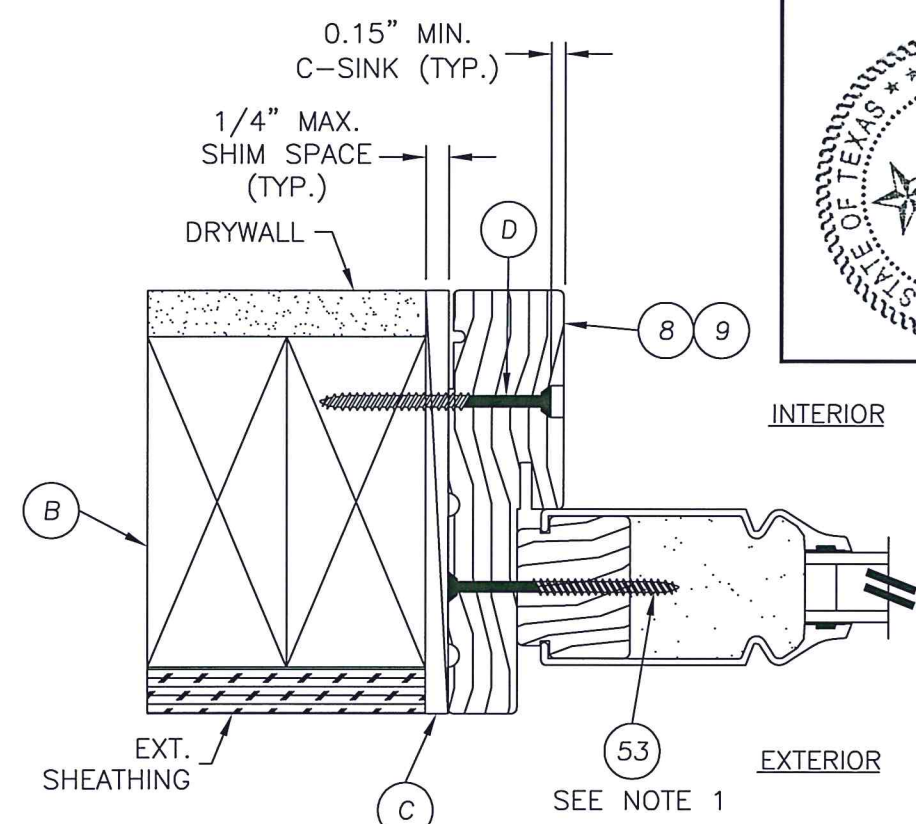
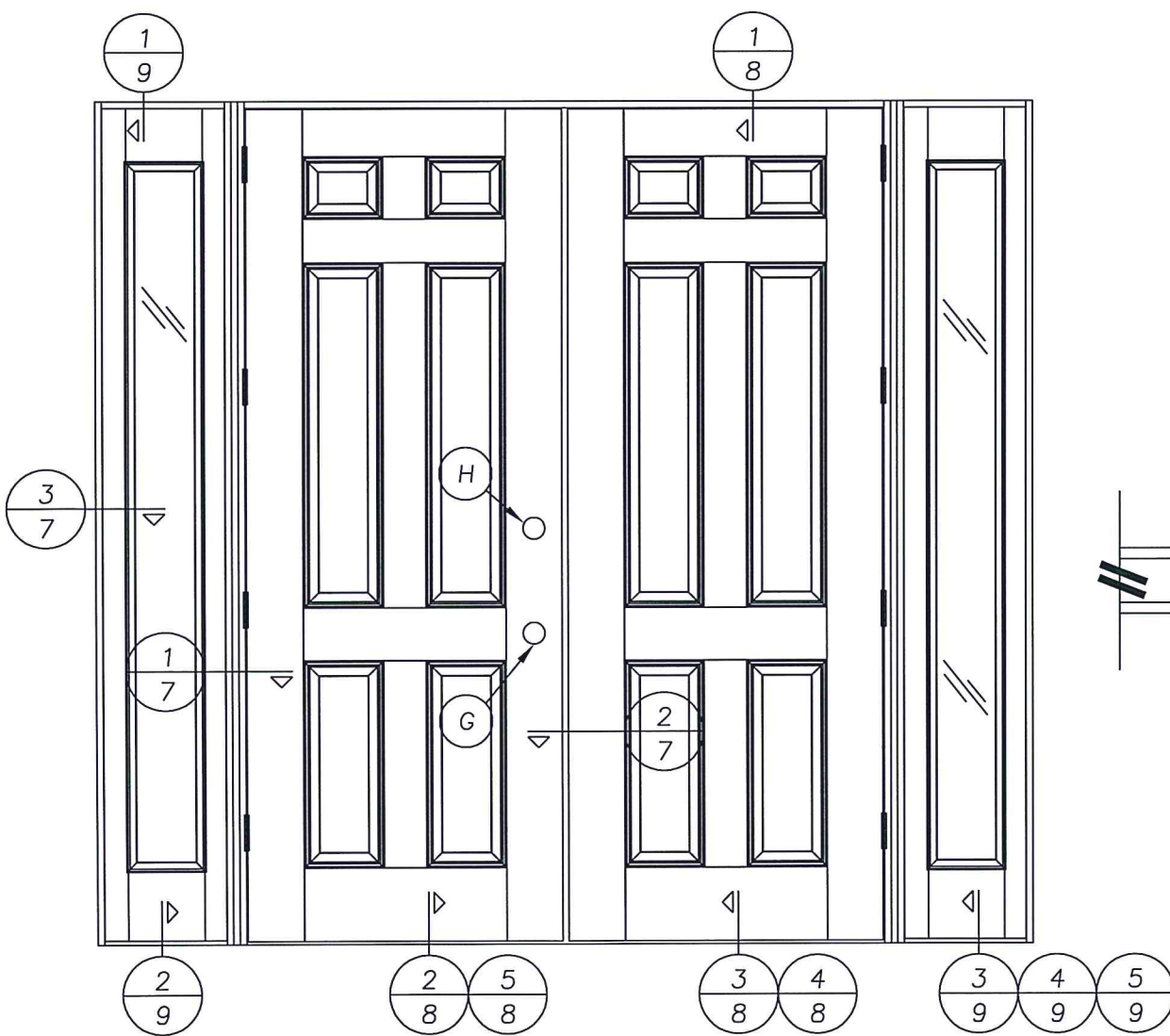
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

DATE: 7/16/12		PRODUCT: DOUBLE OPAQUE FIBERGLASS DOOR W/ SIDELITES "IMPACT" INSWING / OUTSWING	
SCALE: N.T.S.		PART OR ASSEMBLY: SIDELITE PANEL DETAILS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4175			
SHEET 6 OF 13	1	7/22/15	ADDED GENERAL NOTE 5.
	NO.	DATE	
			LFS
			BY
			REVISIONS

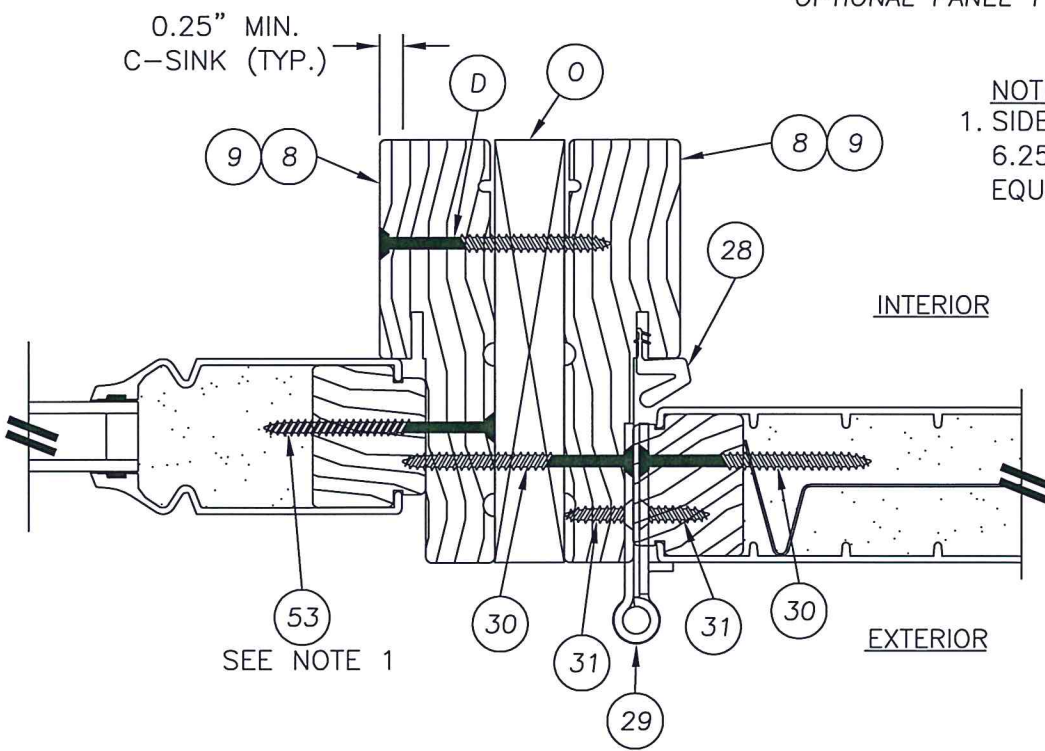
\\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-w Imp SLAC - Drawings\Current\TX-4175-83.dwg, OXX07



2 HORIZONTAL CROSS SECTION
7 OUTSWING SHOWN (INSWING ALSO APPROVED)
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES

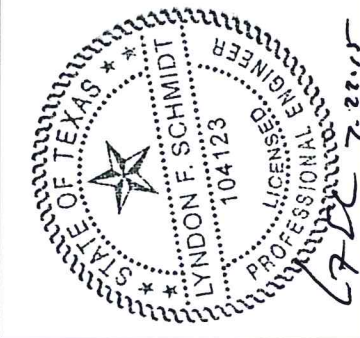


3 HORIZONTAL CROSS SECTION
7 OUTSWING SHOWN (INSWING ALSO APPROVED)
CLASSIC CRAFT PANEL SHOWN
SEE SIDELITE PANEL DETAILS FOR
OPTIONAL PANEL TYPES



1 HORIZONTAL CROSS SECTION
7 OUTSWING SHOWN (INSWING ALSO APPROVED)
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES

NOTE:
1. SIDELITE ASSEMBLY SCREWS LOCATED
6.25\"/>



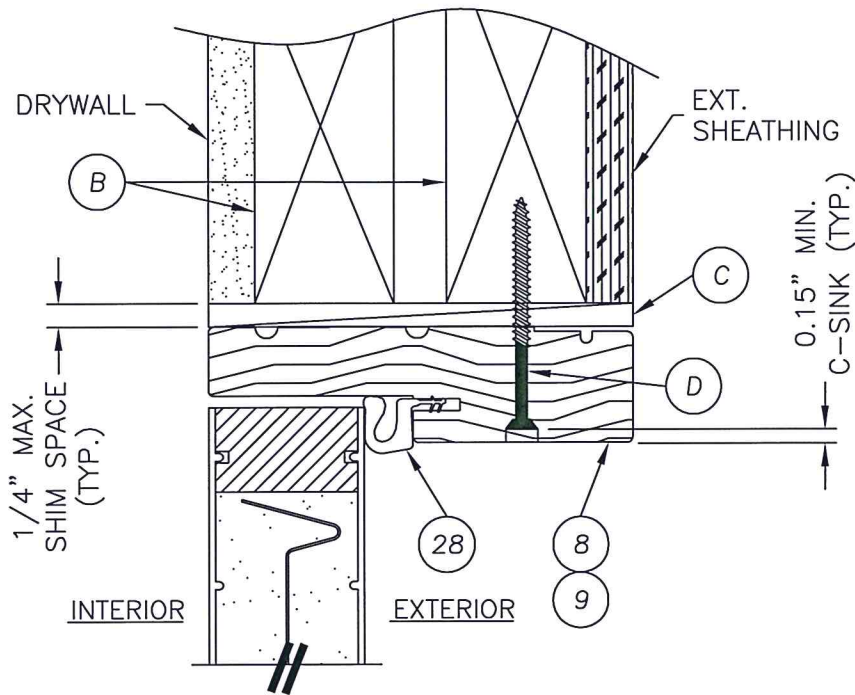
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RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

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

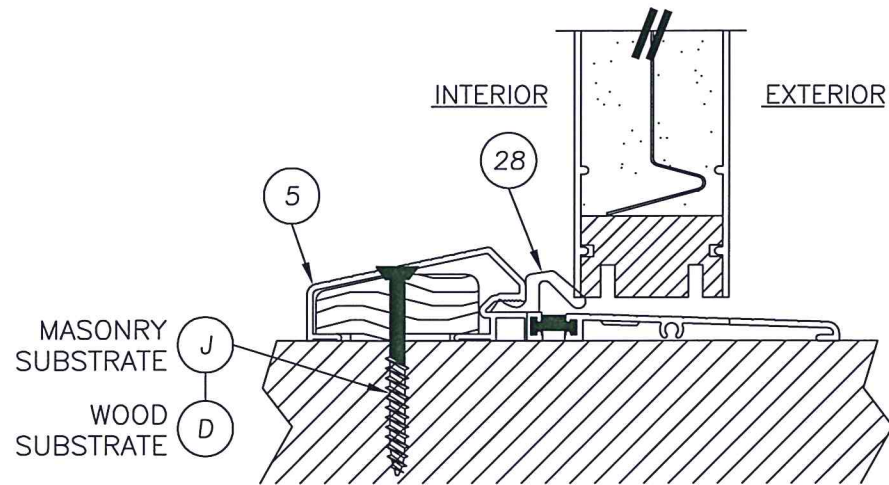
NO.	DATE	REVISIONS
1	7/22/15	ADDED GENERAL NOTE 5.

DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4175
SHEET 7 OF 13

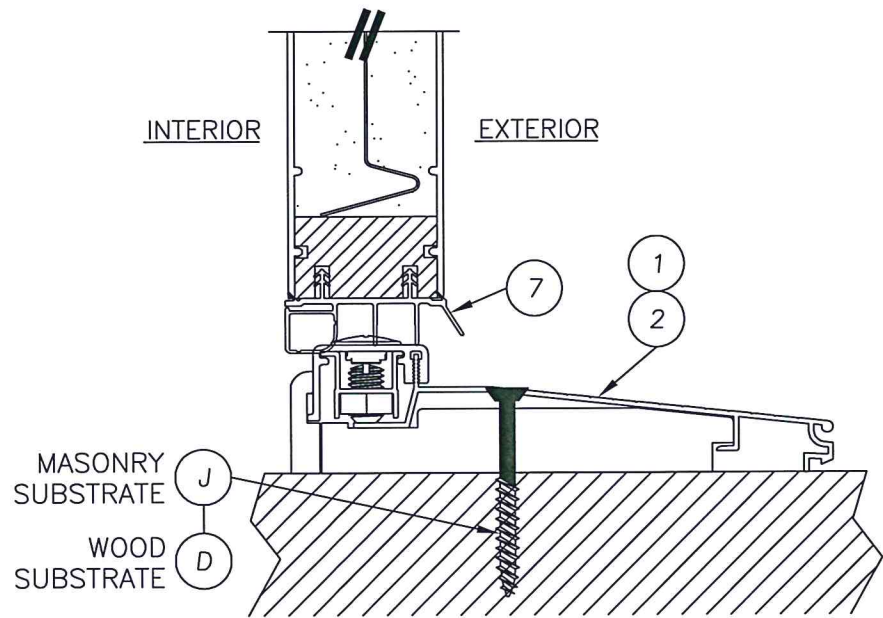
\\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-wo Imp SLV - Drawings\Current\TX-4175-83.dwg, OXX08



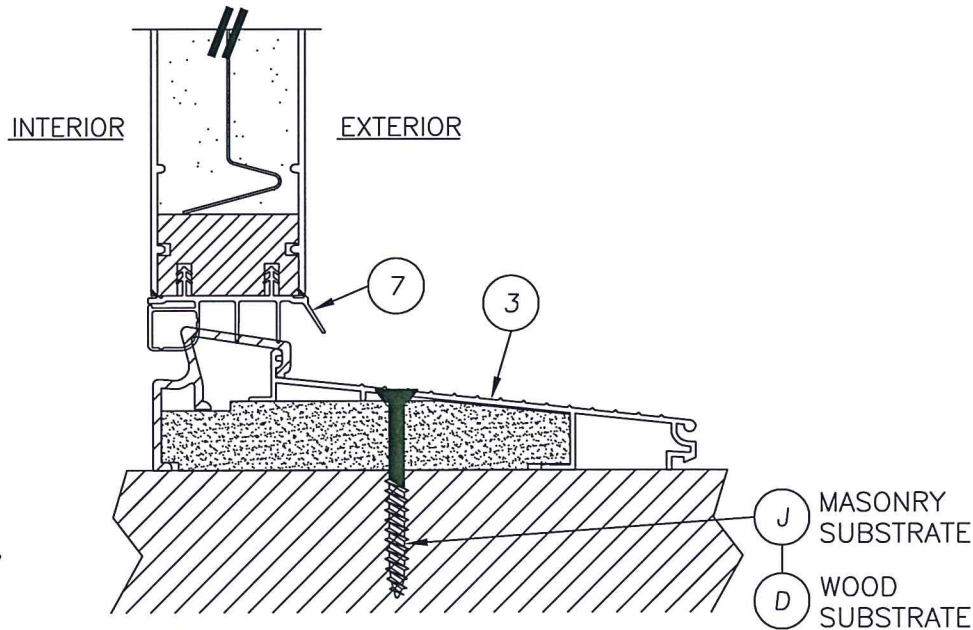
1 VERTICAL CROSS SECTION
8 INSWING SHOWN (OUTSWING ALSO APPROVED)
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



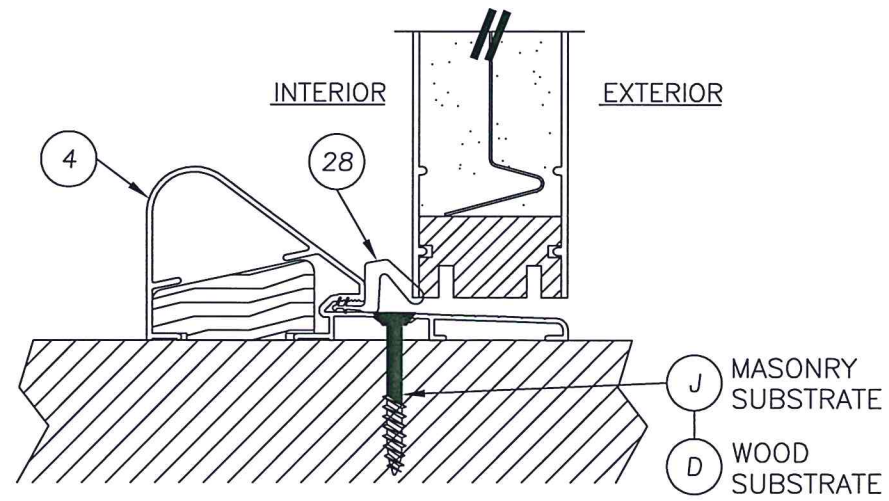
2 VERTICAL CROSS SECTION
8 @ THRESHOLD
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



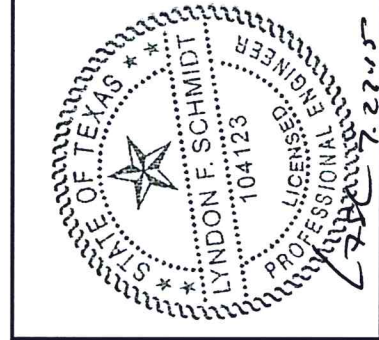
3 VERTICAL CROSS SECTION
8 @ THRESHOLD
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



4 VERTICAL CROSS SECTION
8 @ THRESHOLD
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



5 VERTICAL CROSS SECTION
8 @ THRESHOLD
SMOOTH STAR PANEL SHOWN
SEE DOOR PANEL DETAILS FOR
OPTIONAL PANEL TYPES



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Phone No.: 813.659.9197

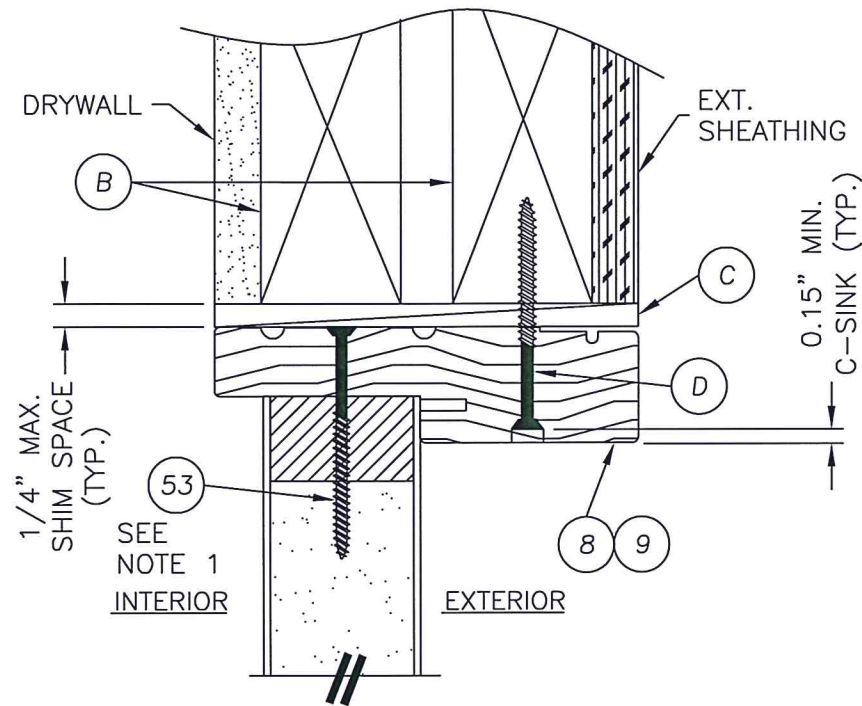
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	DOUBLE OPAQUE FIBERGLASS DOOR W/SIDELITES "IMPACT" INSWING / OUTSWING
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

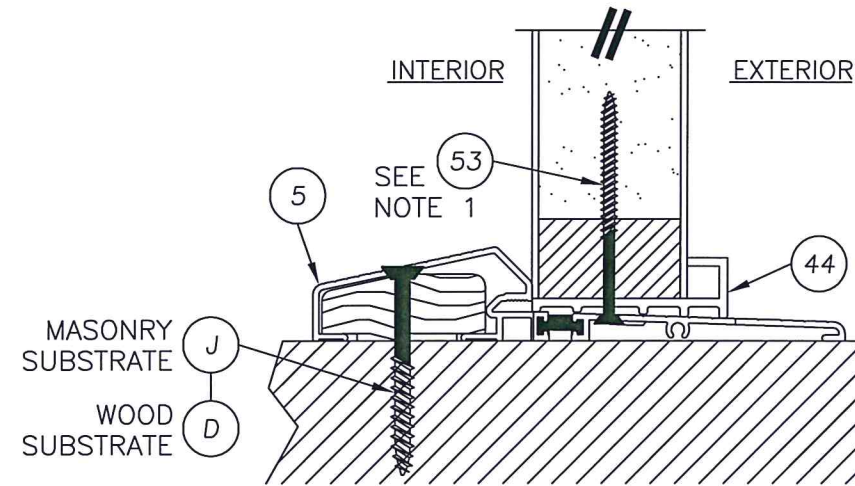
NO.	DATE	LFS	BY
1	7/22/15	ADDED GENERAL NOTE 5.	

REVISIONS

DATE:	7/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4175
SHEET	8 OF 13

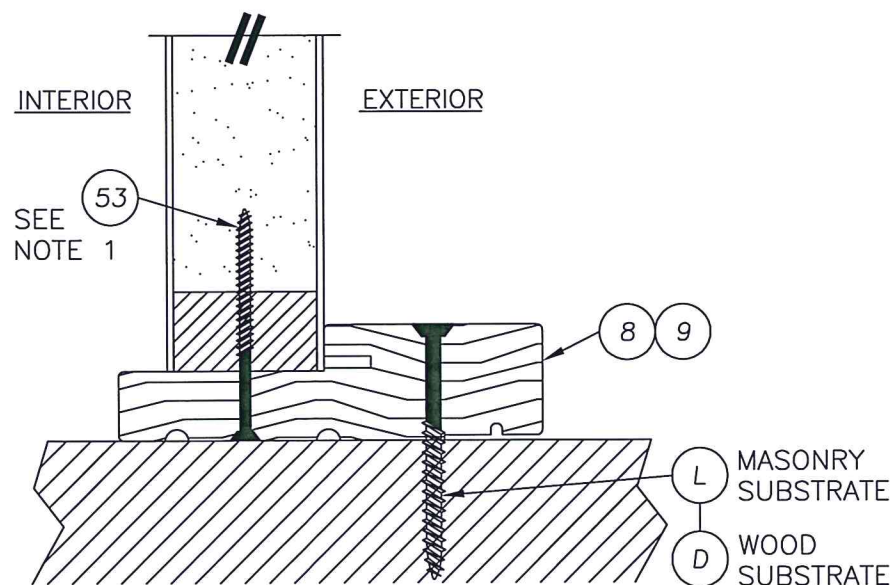


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9 VERTICAL CROSS SECTION

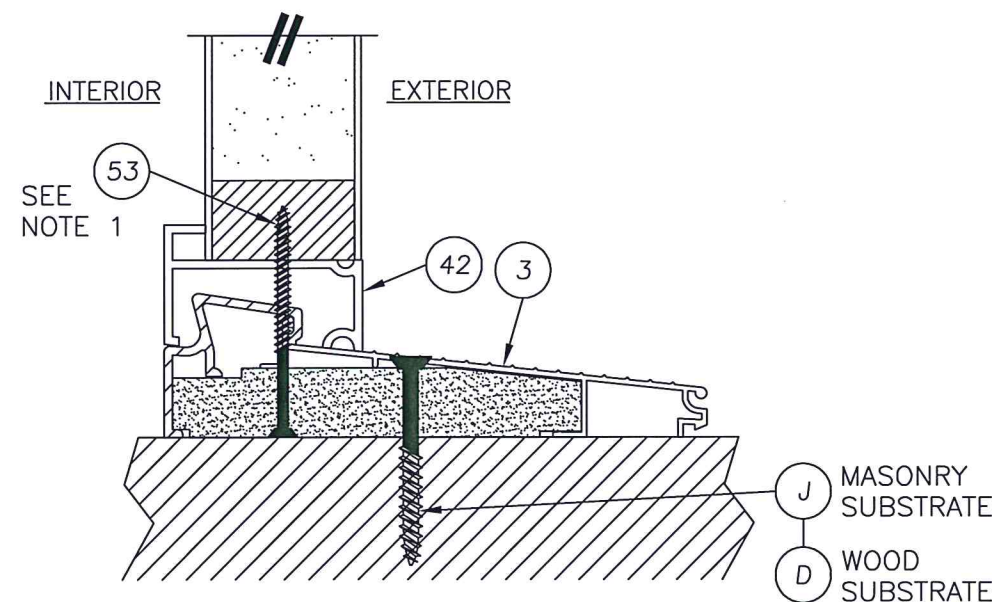


4 VERTICAL CROSS SECTION
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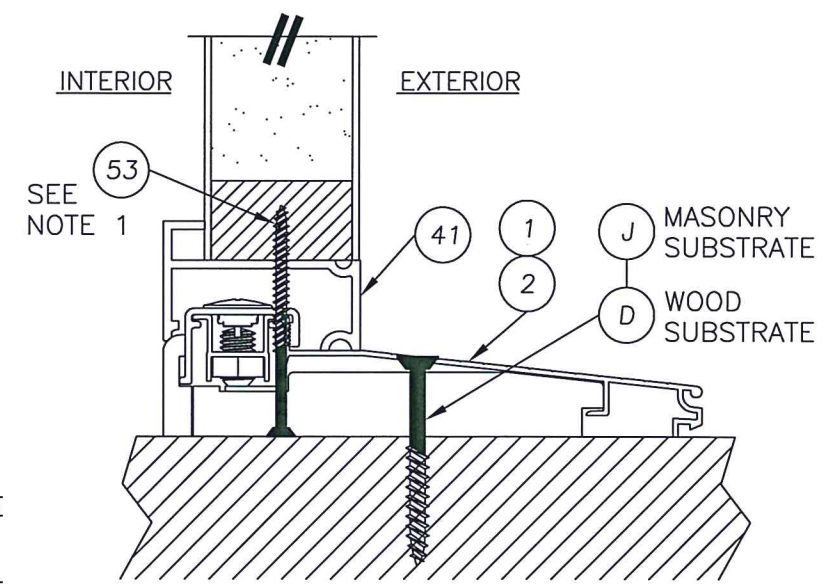
NOTE:
1. SIDELITE ASSEMBLY SCREWS LOCATED
4.25" FROM ENDS (2 TOTAL).



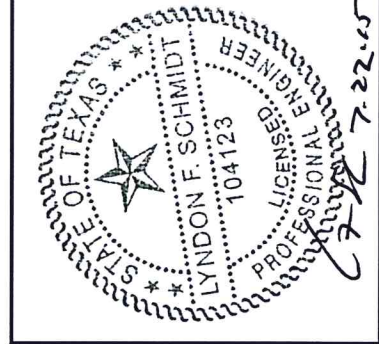
VERTICAL CROSS SECTION



2 VERTICAL CROSS SECTION
9



5 VERTICAL CROSS SECTION
9



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

R_W 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: DOUBLE OPAQUE
FIBERGLASS DOOR W/SIDELITES
"IMPACT" INSWING / OUTSWING
PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

[illegible]

DATE: 7/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

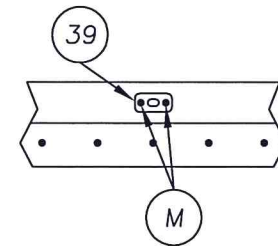
DRAWING NO.:

TX-4175

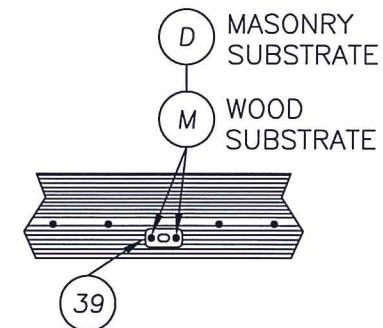
SHEET 9 OF 13

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:

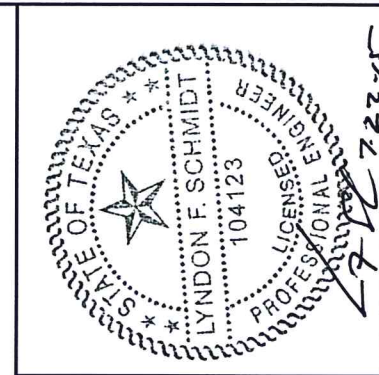
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16" 1/4"	1-3/4" 1-3/4"	2-5/8" 2-1/2"	1-1/8" 3"
ELCO ULTRACON®	1/4"	1-3/4"	1"	3"



ASTRAGAL STRIKE PLATE
@ HEAD



ASTRAGAL STRIKE PLATE
@ THRESHOLD



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

PRODUCT: DOUBLE OPAQUE
FIBERGLASS DOOR W/ SIDELITES
"IMPACT" INSWING / OUTSWING

PART OR ASSEMBLY: FRAME ANCHORING

1	7/22/15	ADDED GENERAL NOTE 5.	LFS
NO.	DATE		BY
REVISIONS			

DATE: 7/16/12

SCALE: N.T.S.

DWG. BY: JK

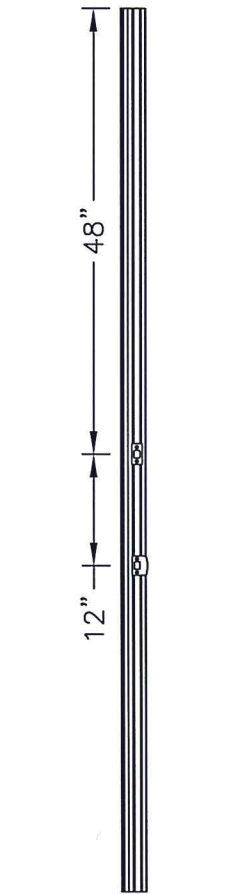
CHK. BY: *LFS*

DRAWING NO.:

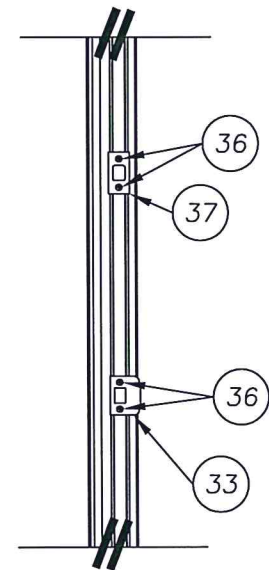
TX-4175

SHEET 10 OF 13

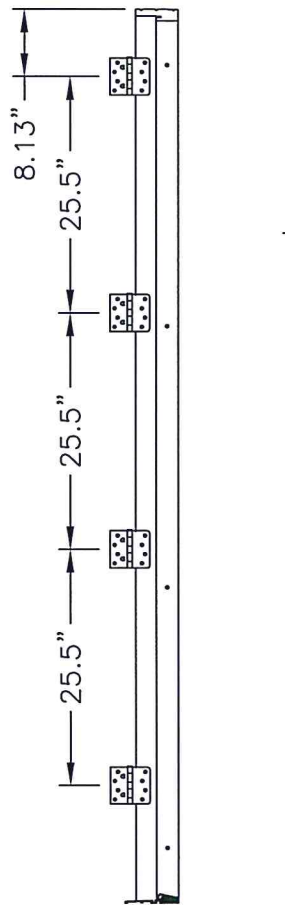
\\Clients\Therma Tru PERMANENT\B - Texas Dept of Ins\TDI - DR 601 - 80 Opaque FG Imp IS - OS Sgls Dbls w-wo Imp SLC - Drawings\Current\TX-4175-83.dwg, OXO11



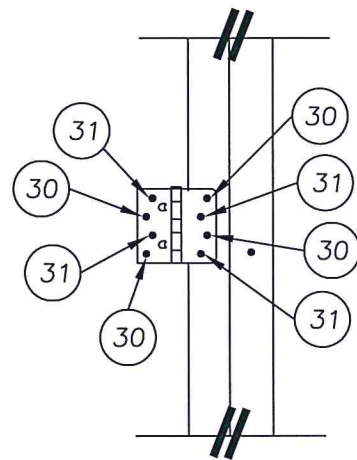
STRIKE PLATE LOCATION



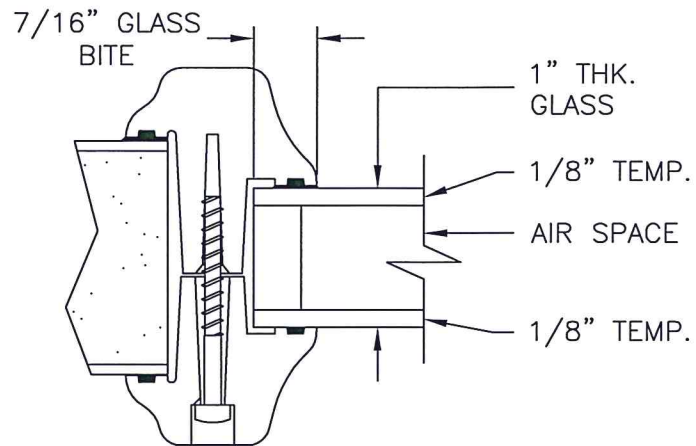
STRIKE PLATE DETAIL



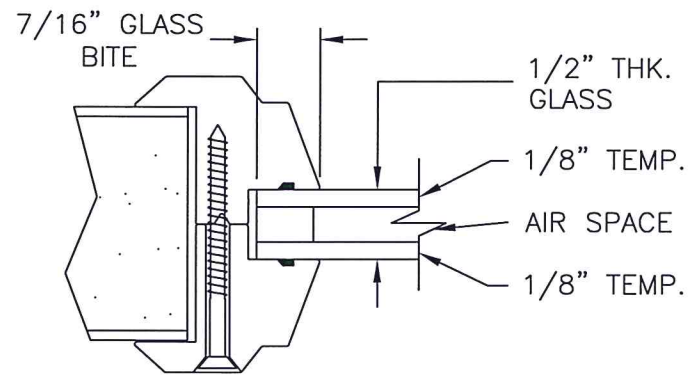
HINGE LOCATION



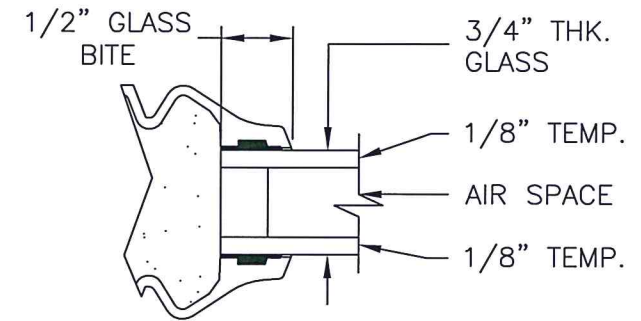
HINGE DETAIL



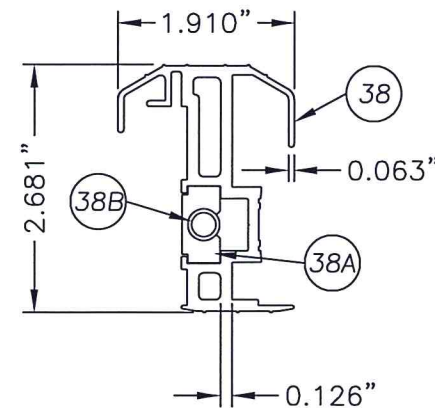
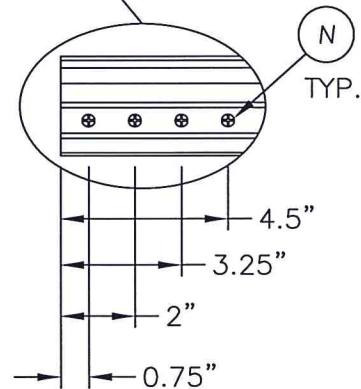
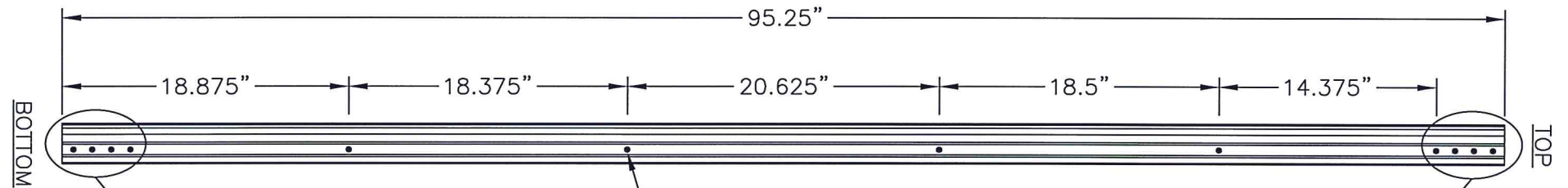
55 GLAZING DETAIL
1" INSULATED GLASS



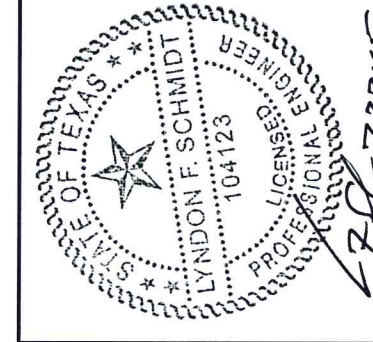
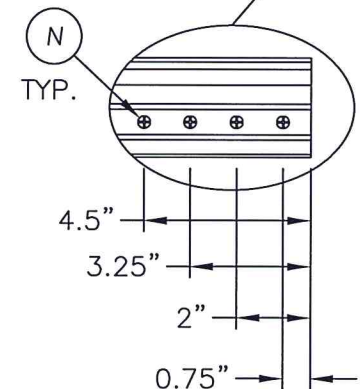
56 GLAZING DETAIL
1/2" INSULATED GLASS



54 GLAZING DETAIL
3/4" INSULATED GLASS



38 ASTRAGAL DETAIL



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

PRODUCT: DOUBLE OPAQUE
FIBERGLASS DOOR W/SIDELITES
"IMPACT" INSWING / OUTSWING
PART OR ASSEMBLY:
ASTRAGAL, HARDWARE
& GLAZING DETAILS

NO.	DATE	ADDED GENERAL NOTE 5.	LFS	BY
1	7/22/15			

DATE: 7/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4175
SHEET 11 OF 13

2.141"

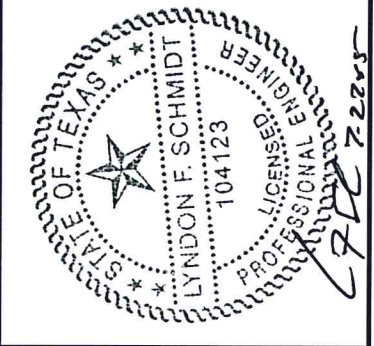
Technical drawing of a T-shaped cross-section. The horizontal flange has a width of 2.141 inches. The vertical stem has a height of 1.307 inches. The drawing includes dimension lines and arrows indicating the measurements.

2.141"

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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 200 SERIES PASSAGE LOCK	STEEL
H	KWIKSET 600 SERIES DEADBOLT	STEEL
J	1/4" ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
K	3/16" ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
M	#8 X 3" PFH SCREW (STRIKE PLATES @ HEAD & SILL)	STEEL
N	#10 X 1-1/2" PPH SCREW ASTRAGAL TO PANEL	STEEL
O	1X MULLION (G >= 0.42)	WOOD
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
9	JAMB (PINE)	WOOD
10	HINGE STILE (SMOOTH STAR)	WOOD
11	LOCK STILE (SMOOTH STAR)	LVL/WOOD
12	TOP RAIL (SMOOTH STAR)	PVC
13	BOTTOM RAIL (SMOOTH STAR)	PVC
14	PANEL REINFORCEMENT 0.023" THK. (SMOOTH STAR)	STEEL
15	DOOR SKIN 0.070" THK. (SMOOTH STAR) Fy = 6,000 PSI MIN.	FIBERGLASS
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
36	#8 X 3" PFH SCREW	STEEL
37	DEADBOLT STRIKE PLATE	STEEL

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
38	ASTRAGAL	ALUMINUM
38A	ASTRAGAL FLUSH BOLT	STEEL
38B	ASTRAGAL FLUSH BOLT RETAINER	ALUMINUM
39	ASTRAGAL STRIKE PLATE @ HEAD	STEEL
40	INSWING SIDELITE SPACER FOR ADJUSTABLE THRESHOLD (DB14AJA)	PVC
41	INSWING SIDELITE SPACER FOR HP THRESHOLD (DB14HPA)	PVC
42	INSWING SIDELITE SPACER FOR SELF ADJUST THRESHOLD (DB14)	PVC
43	INSWING SIDELITE SPACER	PVC
44	OUTSWING SIDELITE SPACER	PVC
45	SIDELITE TOP RAIL	PVC
46	SIDELITE SKIN 0.070" THK. (SMOOTH STAR) Fy = 6,000 PSI MIN.	FIBERGLASS
47	SIDELITE SKIN 0.090" THK. (CLASSIC CRAFT) Fy = 6,000 PSI MIN.	FIBERGLASS
48	SIDELITE SKIN 0.070" THK. (FIBER CLASSIC) Fy = 6,000 PSI MIN.	FIBERGLASS
49	#6 X 1-3/4" PFH SCREW (LITE FRAME)	STEEL
50	LITE FRAME FIBER CLASSIC	PVC
51	LITE FRAME SMOOTH STAR	PVC
52	DOOR BOTTOM SWEEP	VINYL
53	#9 X 2-1/2" PFH WOOD SCREW (JAMB TO SIDELITE)	STEEL
54	3/4" INSULATED GLASS 1/8" TEMPERED - AIR - 1/8" TEMPERED	GLASS
55	1" INSULATED GLASS 1/8" TEMPERED - AIR - 1/8" TEMPERED	GLASS
56	1/2" INSULATED GLASS 1/8" TEMPERED - AIR - 1/8" TEMPERED	GLASS
57	GLAZING COMPOUND	SILICONE
58	SEALANT	SILICONE
59	#9 X 1" PPH SCREW (LITE FRAME)	STEEL
60	SIDELITE STILE	WOOD
61	SIDELITE BOTTOM RAIL	PVC
62	HINGE STILE (FIBER CLASSIC)	WOOD
63	LOCK STILE (FIBER CLASSIC)	LVL/WOOD
64	TOP RAIL (FIBER CLASSIC)	PVC
65	BOTTOM RAIL (FIBER CLASSIC)	PVC
66	PANEL REINFORCEMENT 0.023" THK. (FIBER CLASSIC)	STEEL
67	DOOR SKIN 0.070" THK. (FIBER CLASSIC) Fy = 6,000 PSI MIN.	FIBERGLASS



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TEXAS P.E. #104123

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

PRODUCT:		DOUBLE OPAQUE FIBERGLASS DOOR W/ SIDELITES "IMPACT" INSWING / OUTSWING	
PART OR ASSEMBLY:		BILL OF MATERIALS	
		LFS	BY
		REVISIONS	
1	7/22/15	ADDED GENERAL NOTE 5.	
NO.		DATE	
DATE: 7/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4175			
SHEET 13 OF 13			