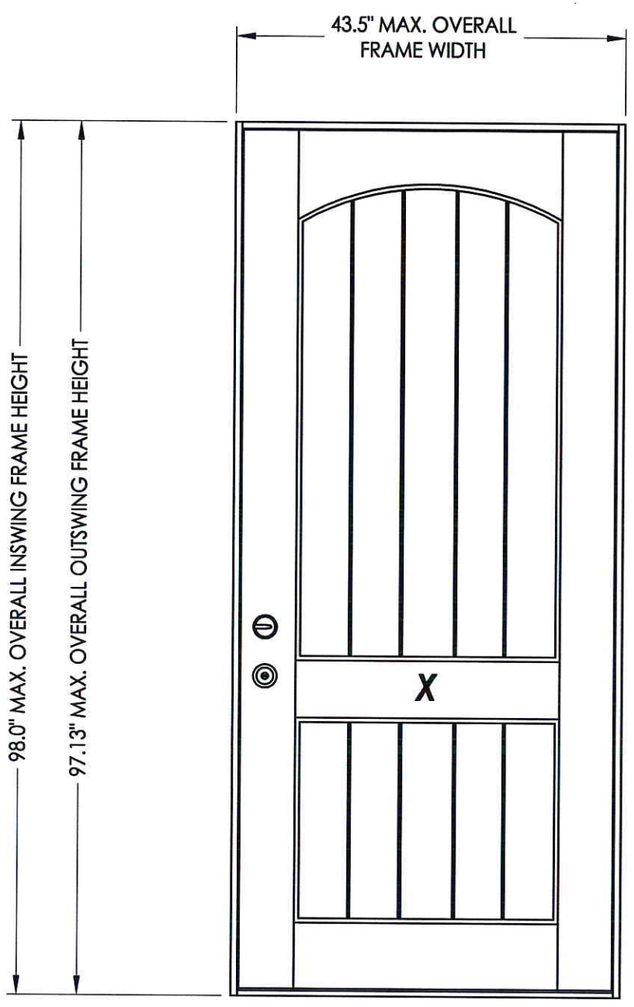
plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Rustic/Mahogany Series Fiberglass Single Door

INSWING / OUTSWING "NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Plastpro Fiberglass 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. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
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
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Frame anchoring
6	Bill of materials and components

MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
43.50" x 98.00"	+60.0	-60.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER

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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: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 1 OF 6

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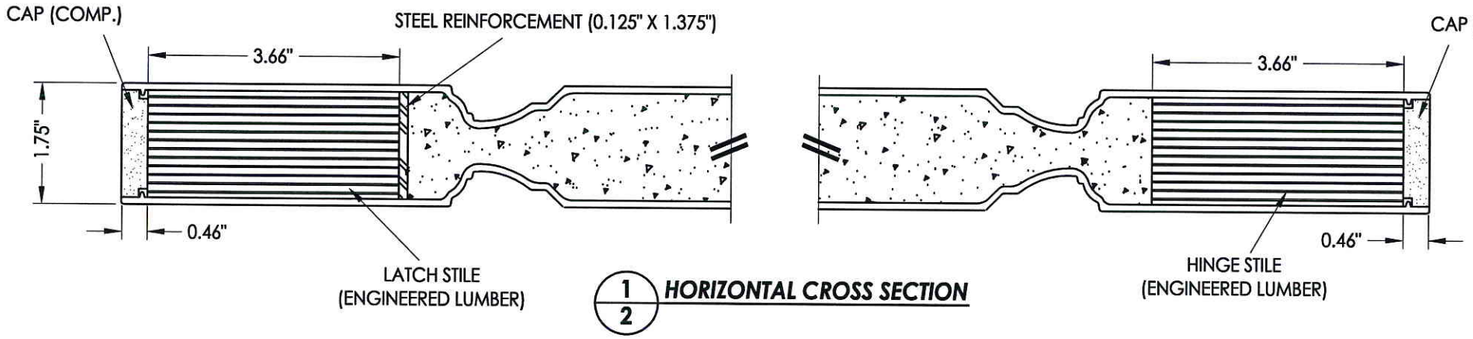
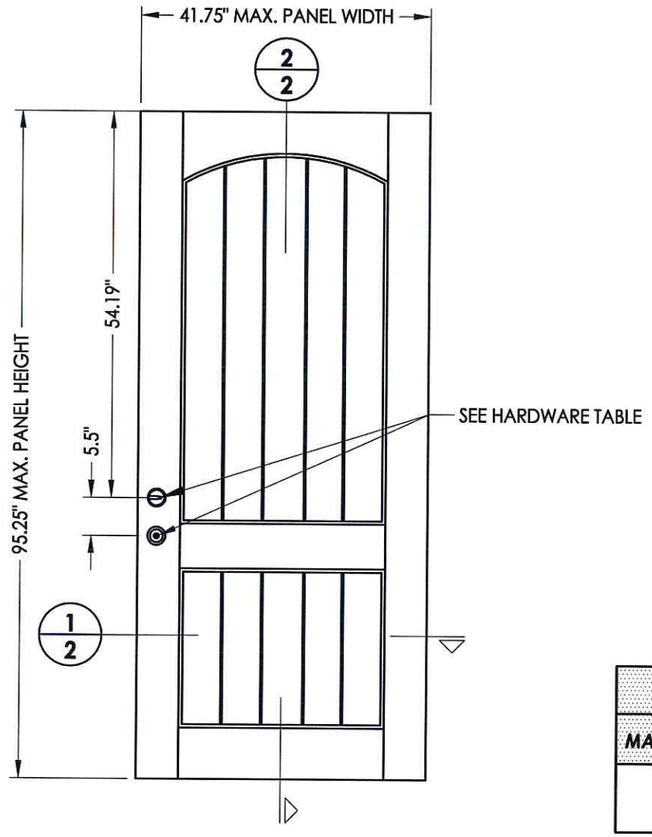


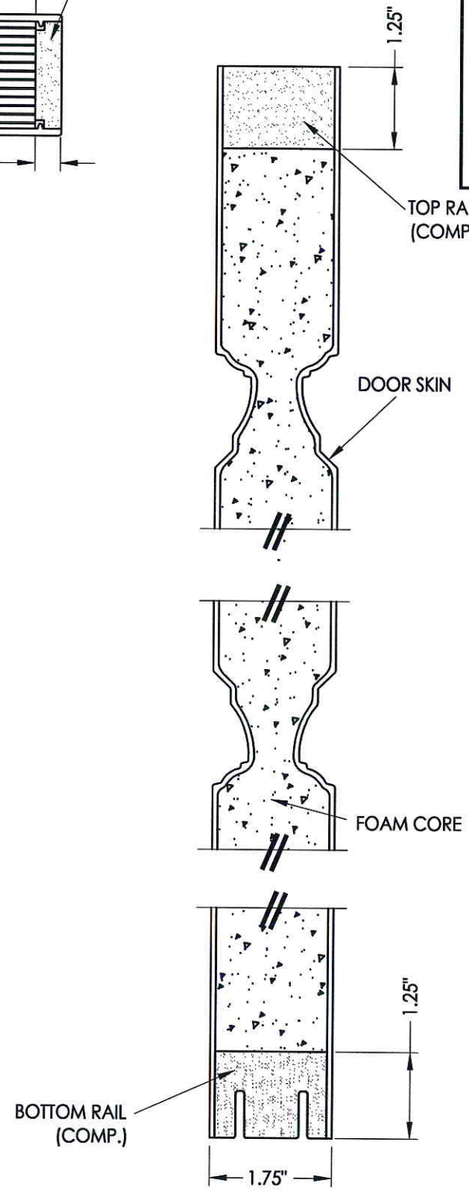
1/2 **HORIZONTAL CROSS SECTION**



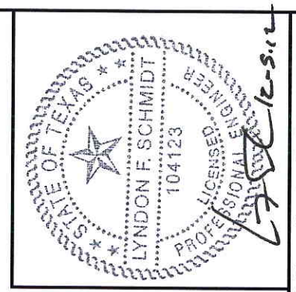
40 **DOOR PANEL**
Rustic / Mahogany Series

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)

FIBERGLASS DOOR SKIN: MIN. 0.100" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



2/2 **VERTICAL CROSS SECTION**



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 2 OF 6

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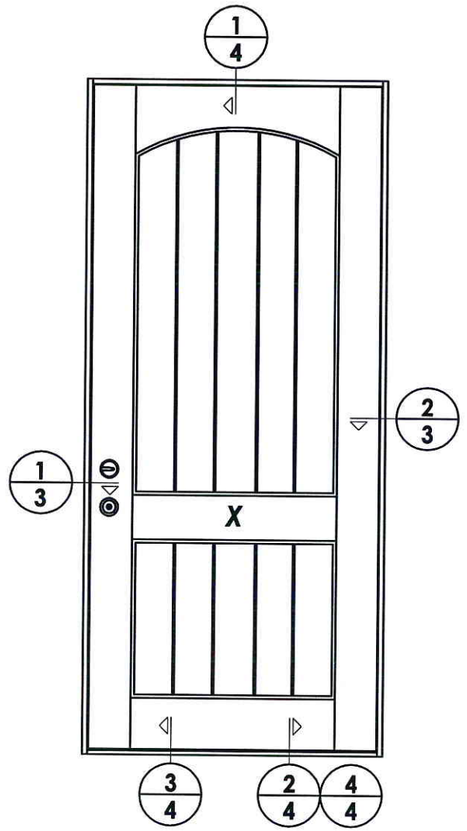
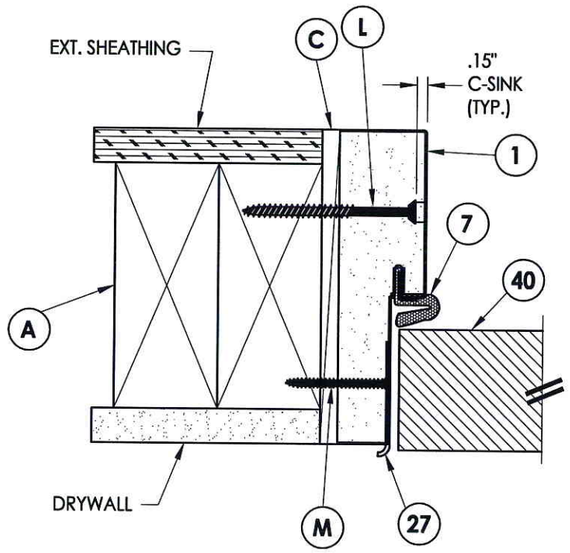
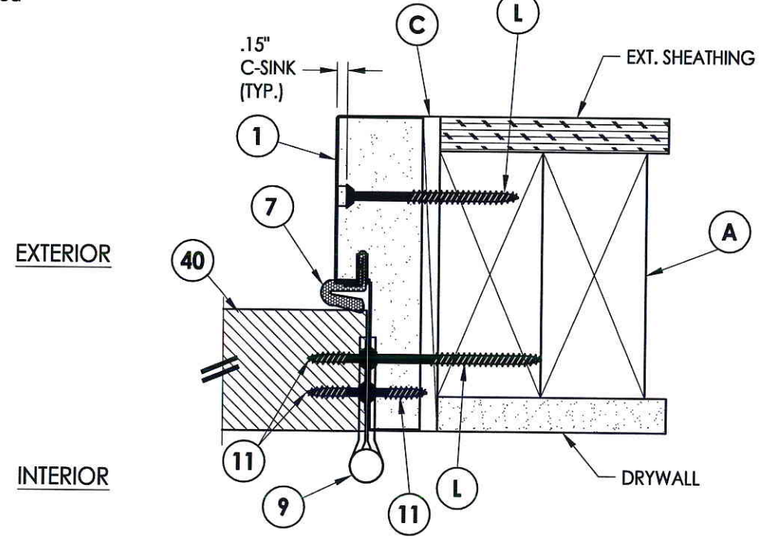




1/3 HORIZONTAL CROSS SECTION
Inswing shown - Outswing also approved



2/3 HORIZONTAL CROSS SECTION
Inswing shown - Outswing also approved

STATE OF TEXAS
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 3 OF 6

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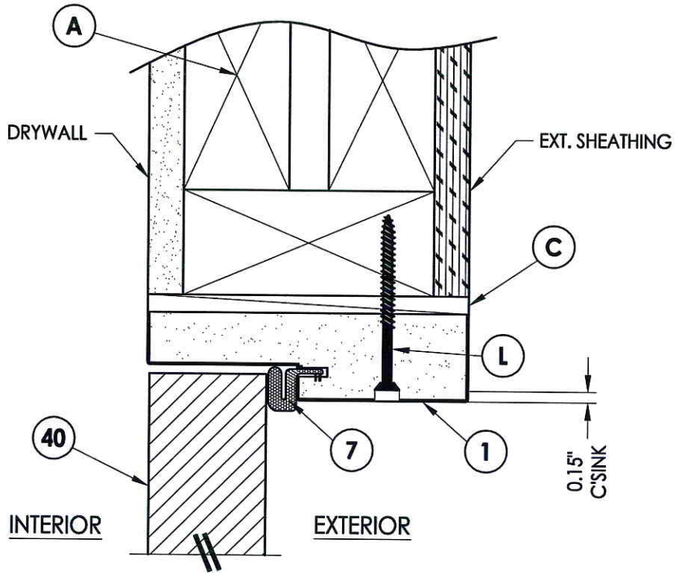
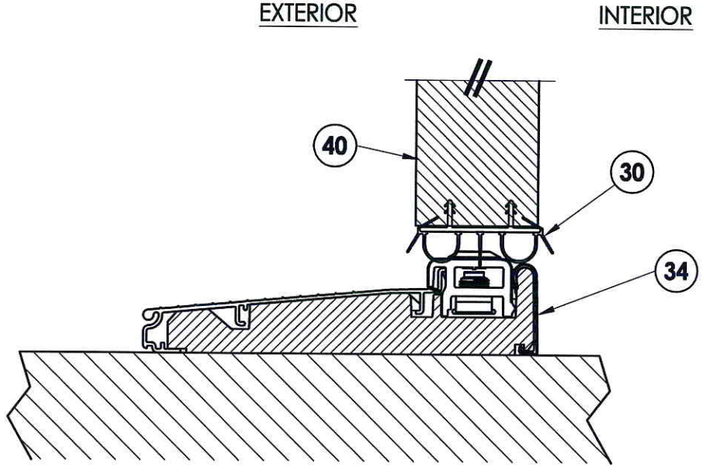
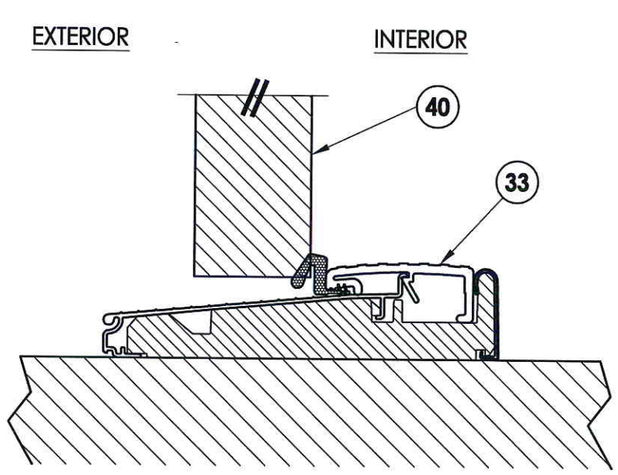


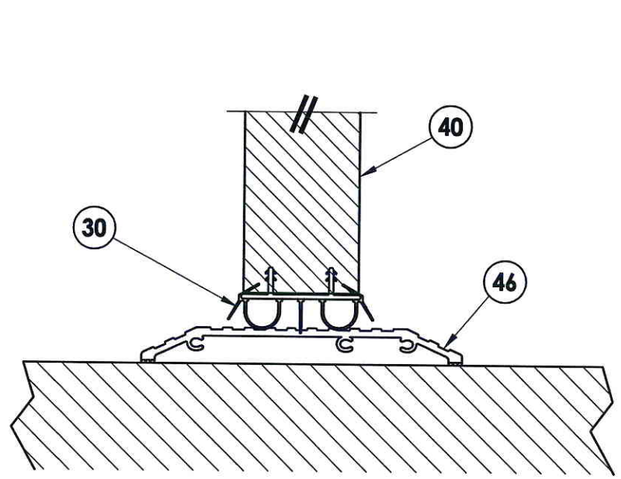
1/4 **VERTICAL CROSS SECTION**
Inswing shown - Outswing also approved



2/4 **VERTICAL CROSS SECTION**
Inswing configuration



3/4 **VERTICAL CROSS SECTION**
Outswing confirguration



4/4 **VERTICAL CROSS SECTION**
Shown w/ ADA threshold

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 4 OF 6

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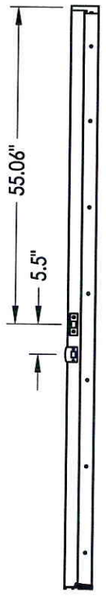
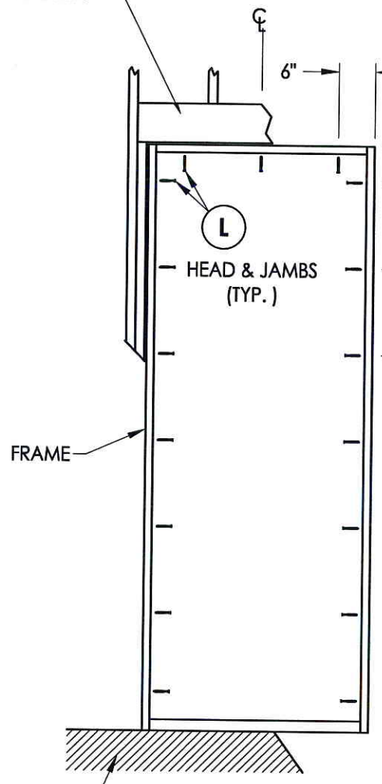
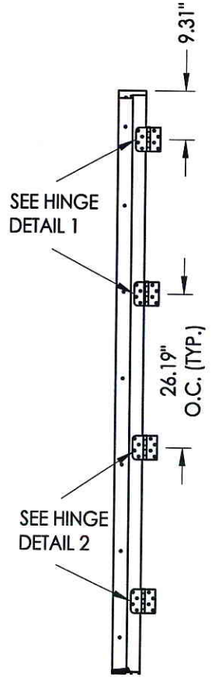


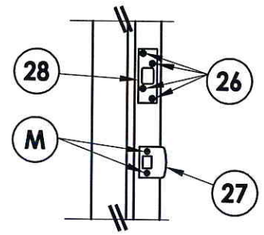
STRIKE JAMB



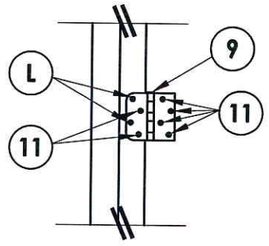
FRAME ANCHORING
(X)



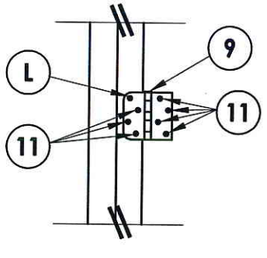
HINGE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL 1



HINGE DETAIL 2

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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	REVISIONS	BY

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 5 OF 6

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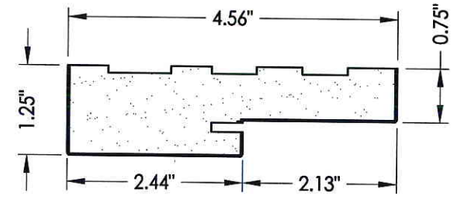
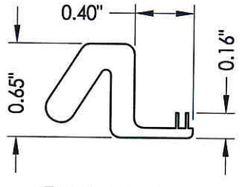
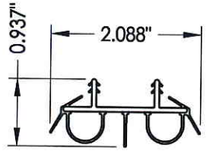
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
L	#10 X 2-1/2" PFH WOOD SCREW (1-3/4" MIN. EMB.)	STEEL
M	#8 X 1-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
7	WEATHERSTRIP	FOAM
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
26	#8 X 3" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
30	DOOR BOTTOM SWEEP	VINYL
33	OUTSWING THRESHOLD	ALUM / COMP
34	INSWING ADJUSTABLE THRESHOLD	ALUM / COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
46	ADA THRESHOLD	ALUM



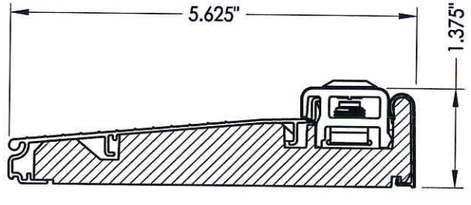
1 **HEAD & SIDE**
Poly fiber jamb



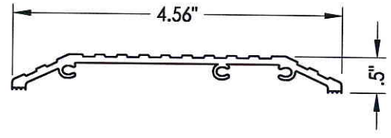
7 **WEATHERSTRIP**
Endura Force 5



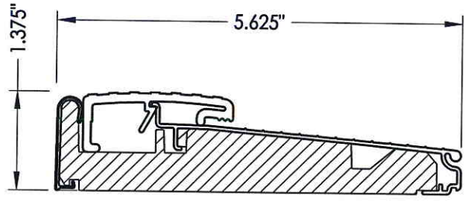
30 **DOOR BOTTOM SWEEP**



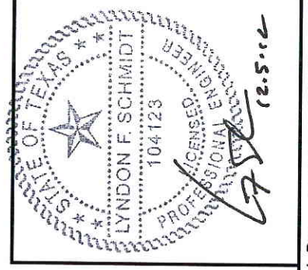
34 **ADJUSTABLE INSWING THRESHOLD**
Endura



46 **ADA THRESHOLD**
DLP



33 **OUTSWING THRESHOLD**
Endura



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

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 12/4/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4289
SHEET 6 OF 6

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