

WINCORE™

WINDOWS & DOORS

250 Staunton Turnpike, Parkersburg, WV 26104

FIBERGLASS ENTRY DOOR IN SWING / OUT SWING "IMPACT"

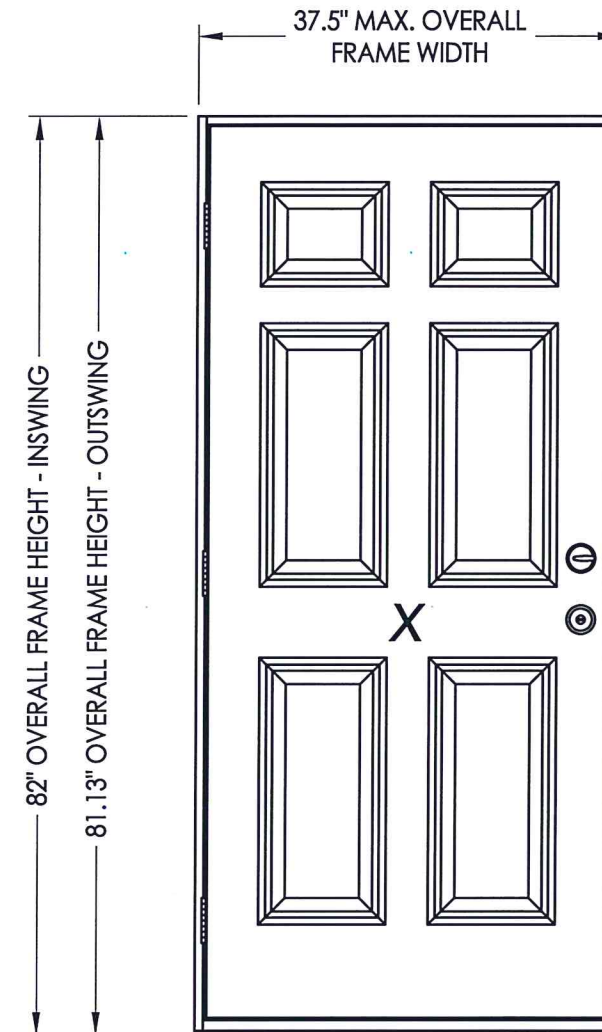
EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Fiberglass Door 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. 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.

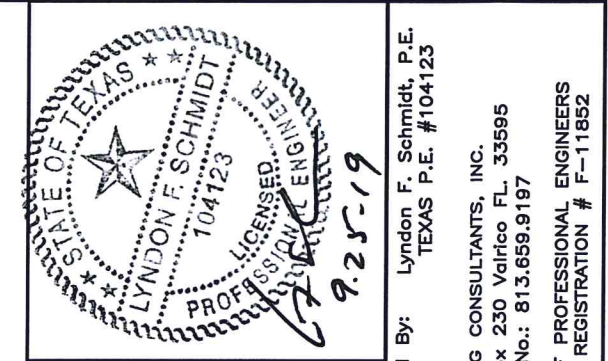
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SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross section
4	Vertical cross sections
5	3-point lock details
6	3-point lock details
7	Frame anchoring
8	Bill of materials & components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
X	37.5" x 82"	+75.0	-75.0

See sheet 2 for hardware design pressure limitations



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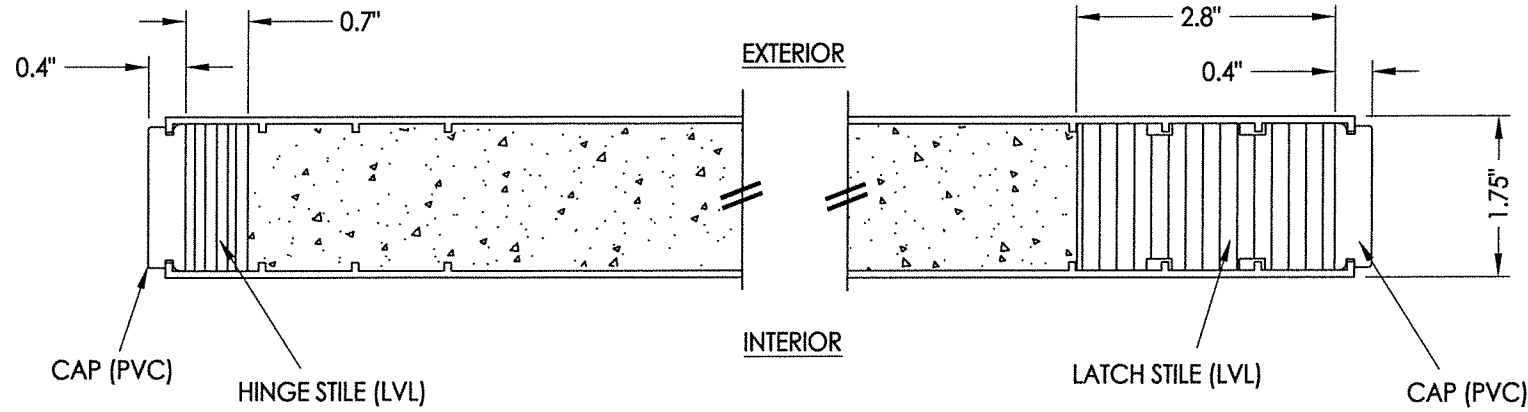
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

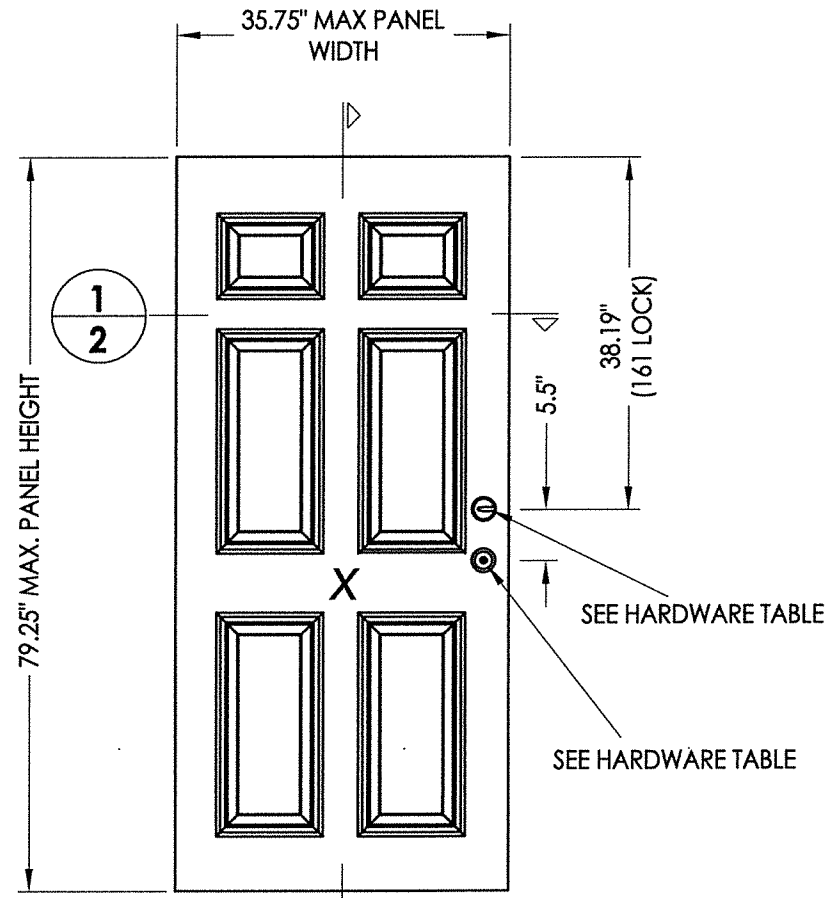
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1	9/18/19	LFS	UPDATE TO 2018 IBC

DATE: 05/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4158
SHEET 1 of 8

R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Doors\DR-555 - Opaque FG Entry Doors\C - Drawings\RWBC Drawings\TX-4158 REV.dwg, 2.1



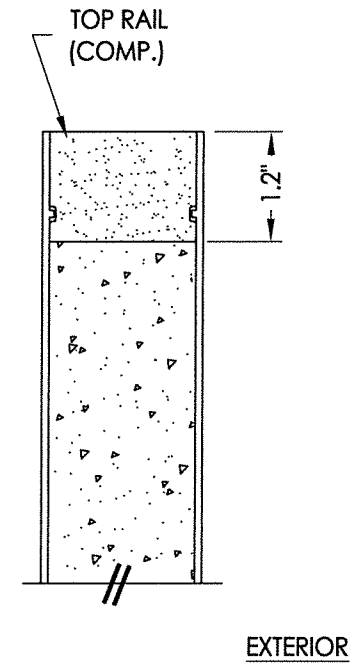
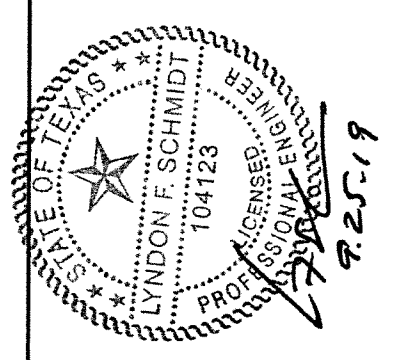
1
2 **HORIZONTAL CROSS SECTION**



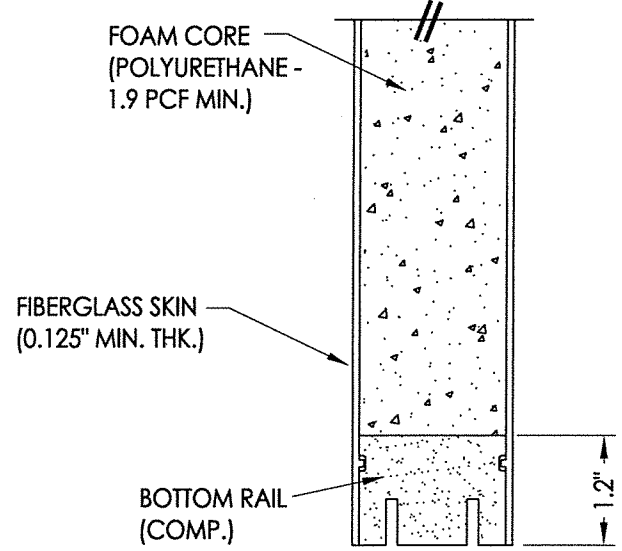
2
2
40 DOOR PANEL
Plastpro
Fiberglass

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	KNOB:	SIGNATURE SERIES	± 75
	DEADBOLT:	SIGNATURE SERIES (980)	
SCHLAGE	KNOB:	"F" SERIES (F51)	± 75
	DEADBOLT:	"B" SERIES (B60/62)	
PAMEX	LEVER:	FL3B SERIES	± 75
	DEADBOLT:	FD7 SERIES	
HOPPE	MULTI-POINT LOCK:	3-POINT TONGUE	± 50
W & F	MULTI-POINT LOCK:	TRILENNIUM "3000" SERIES	± 75

See sheets 5 and 6 for multi-point lock details.



2
2 **VERTICAL CROSS SECTION**



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS DOOR

PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	BY	REVISIONS
1	9/18/19	LFS	UPDATE TO 2018 IBC

DATE: 05/30/12

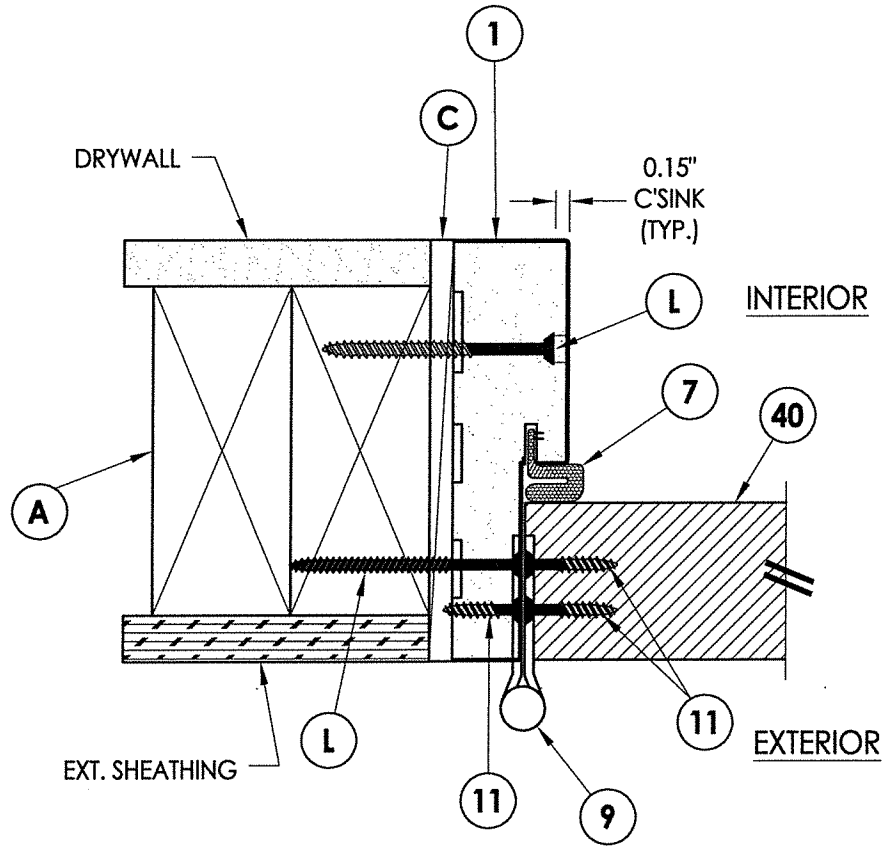
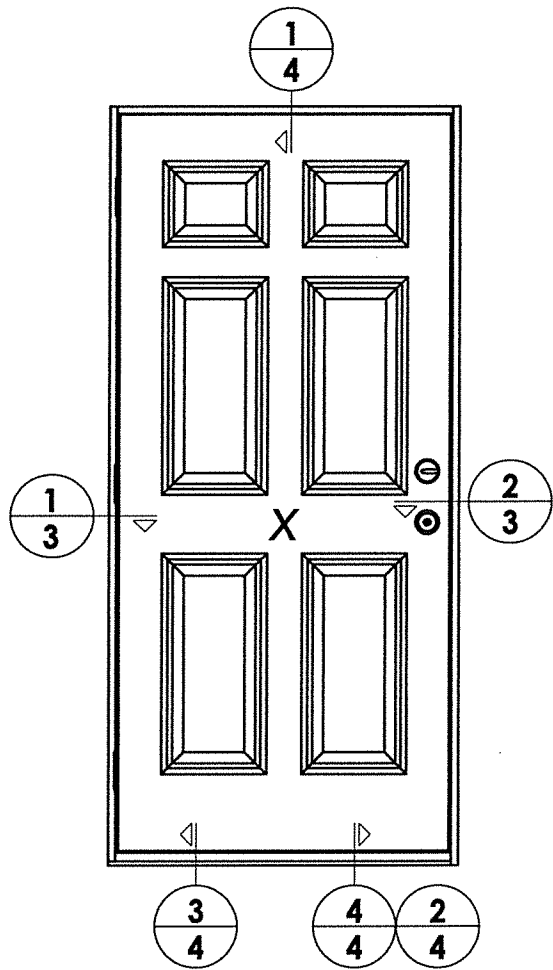
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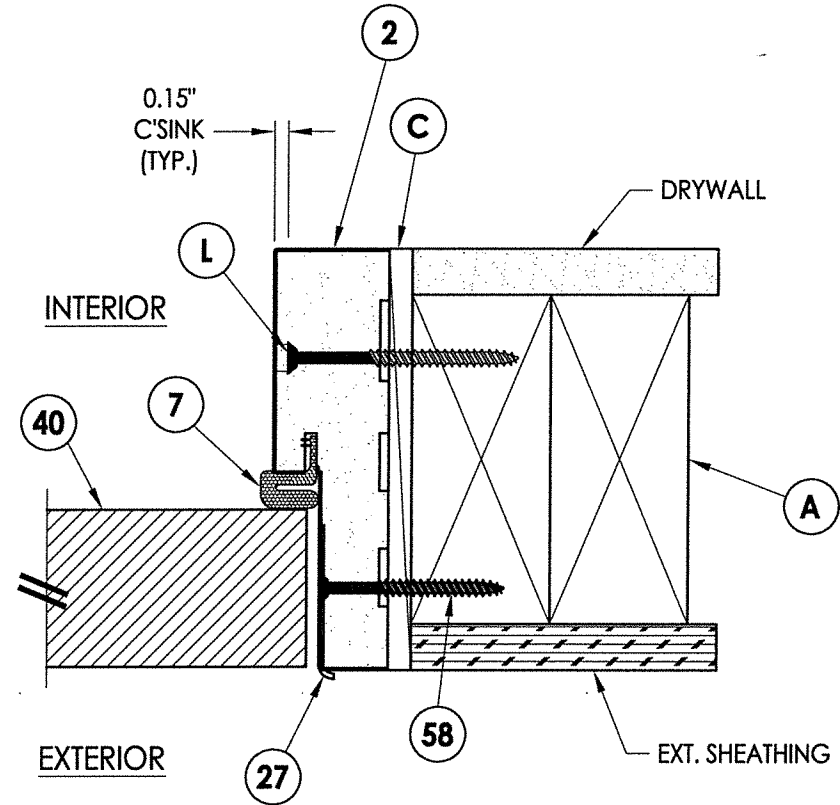
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DRAWING NO.: TX-4158

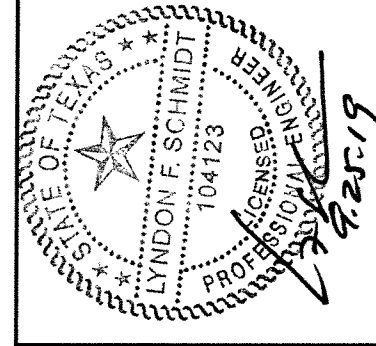
SHEET 2 OF 8



1 HORIZONTAL CROSS SECTION
3 Outswing shown - inswing also approved



2 HORIZONTAL CROSS SECTION
3 Outswing shown - inswing also approved



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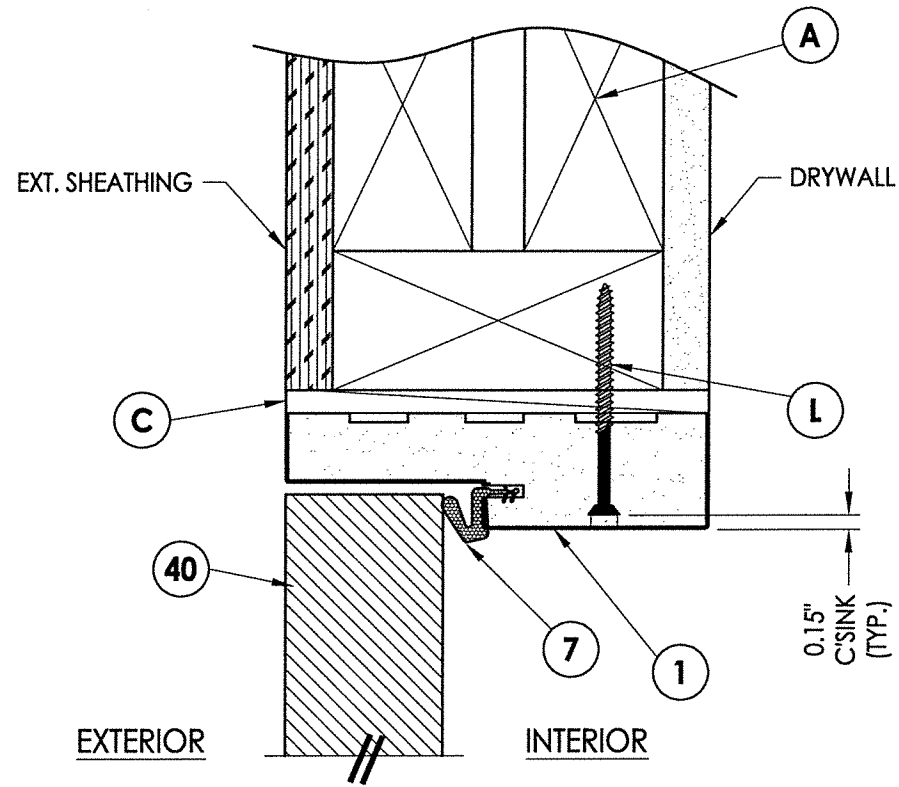
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 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS DOOR
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

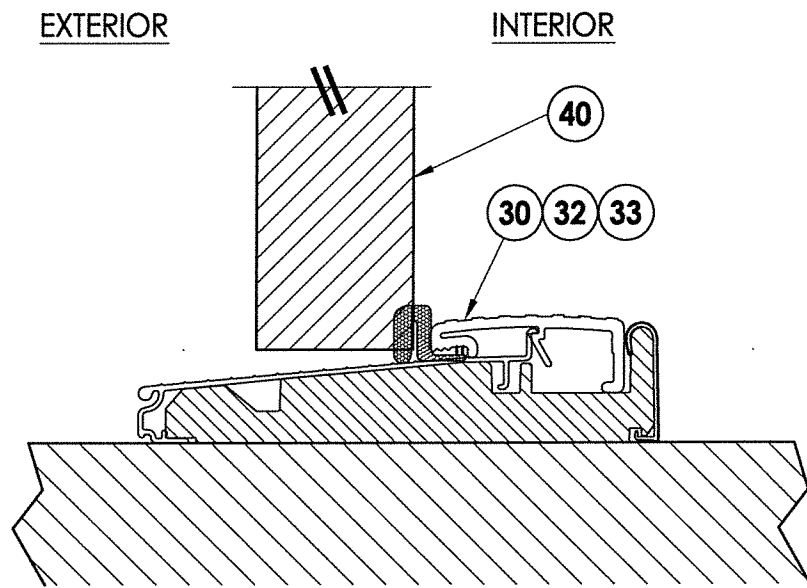
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 DRAWING NO.: TX-4158
 SHEET 3 OF 8

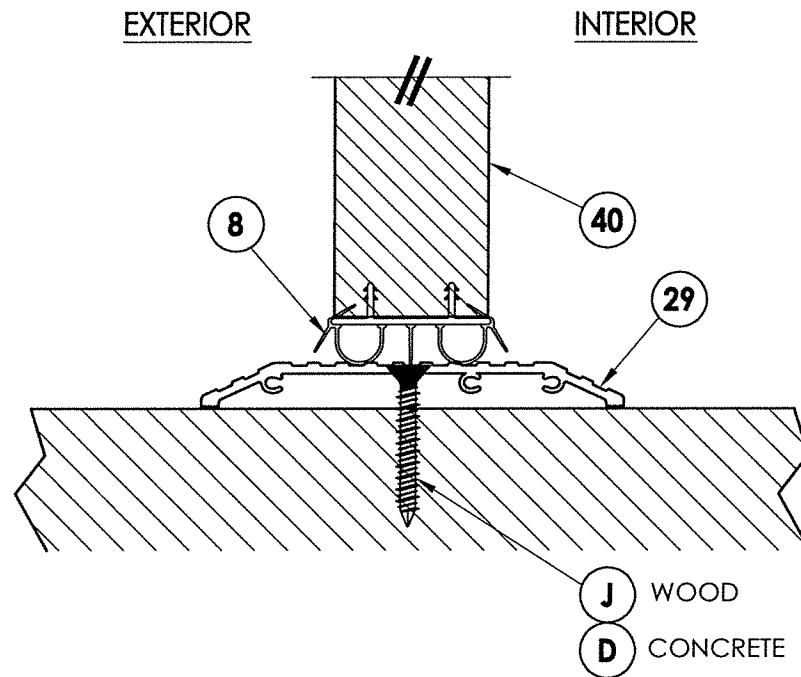
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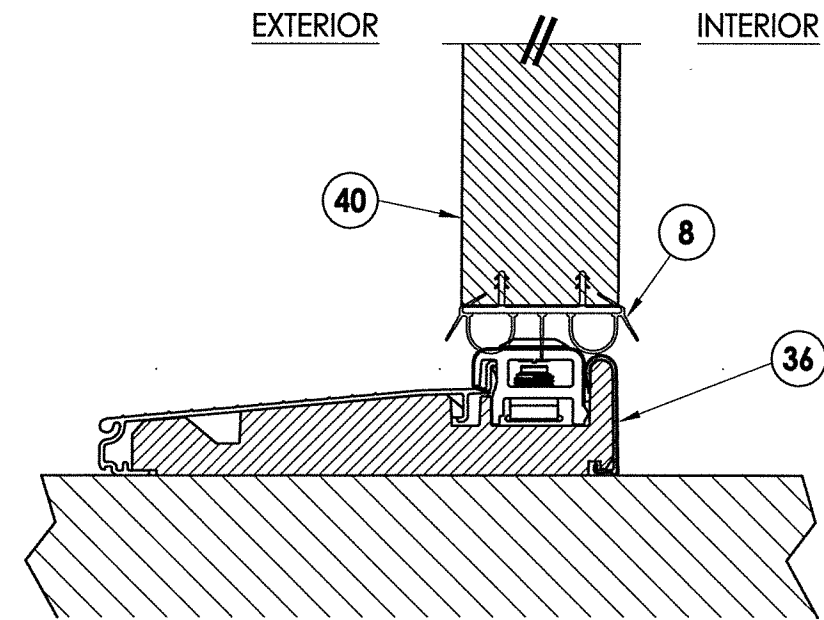
1 VERTICAL CROSS SECTION
4 Outswing shown - inswing also approved



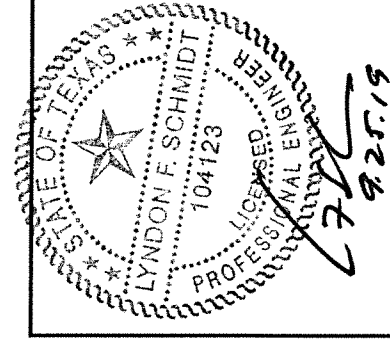
3 VERTICAL CROSS SECTION
4 Outswing configuration



2 VERTICAL CROSS SECTION
4 Shown w/ ADA threshold



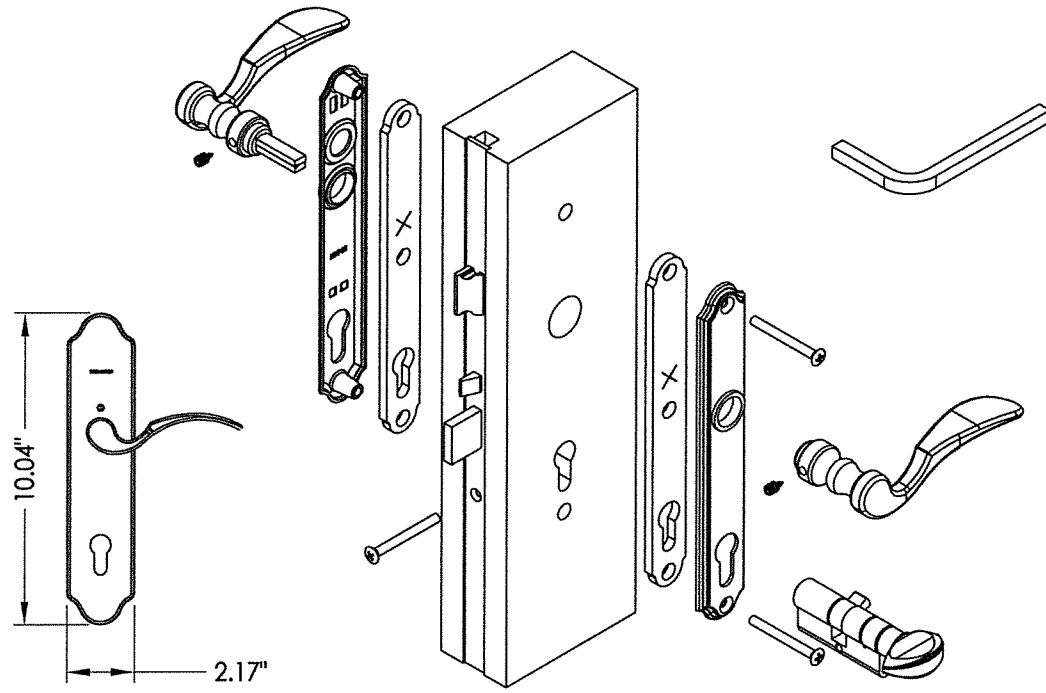
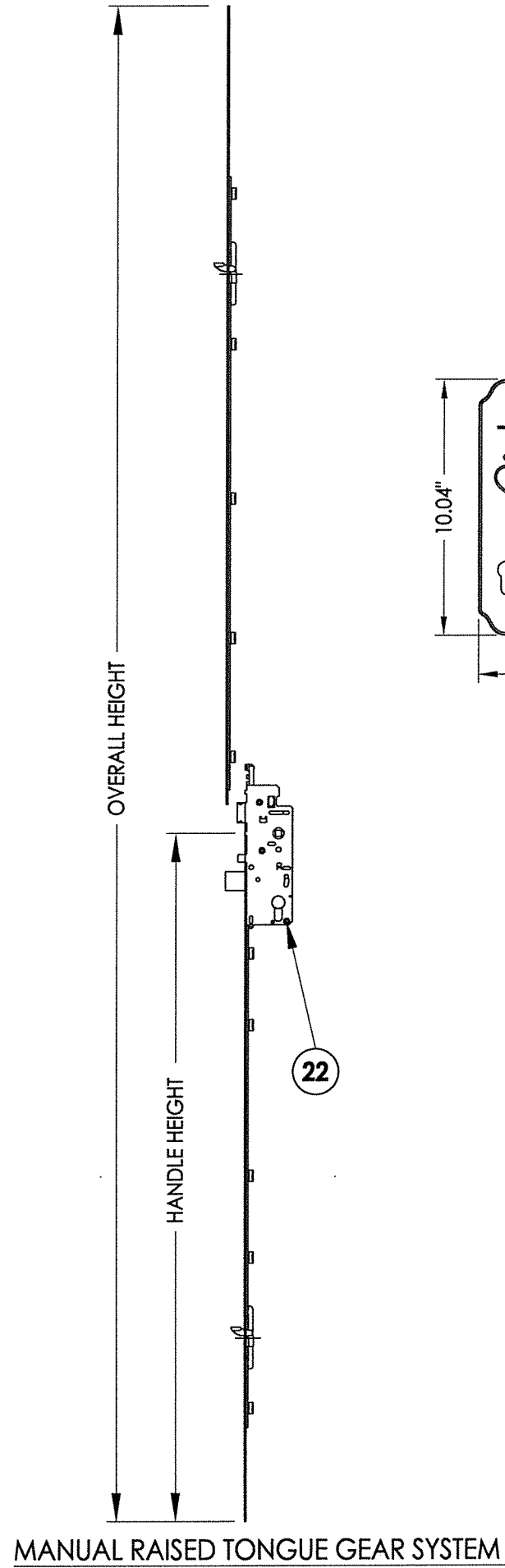
4 VERTICAL CROSS SECTION
4 Inswing configuration



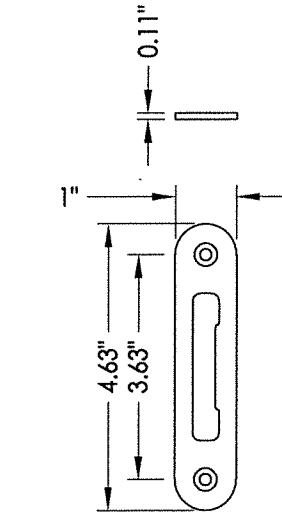
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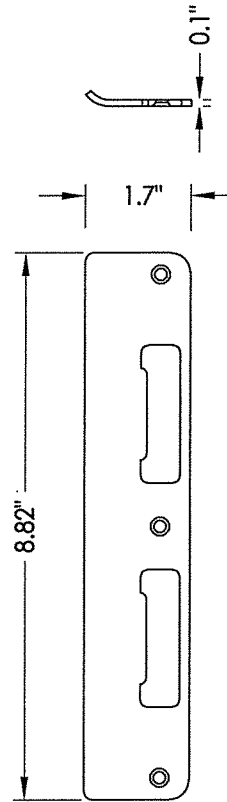
PRODUCT:		WINCORE FIBERGLASS DOOR	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.	DATE	LFS	BY
1	9/18/19	UPDATE TO 2018 IBC	
REVISIONS			
DATE: 05/30/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4158			
SHEET 4 OF 8			



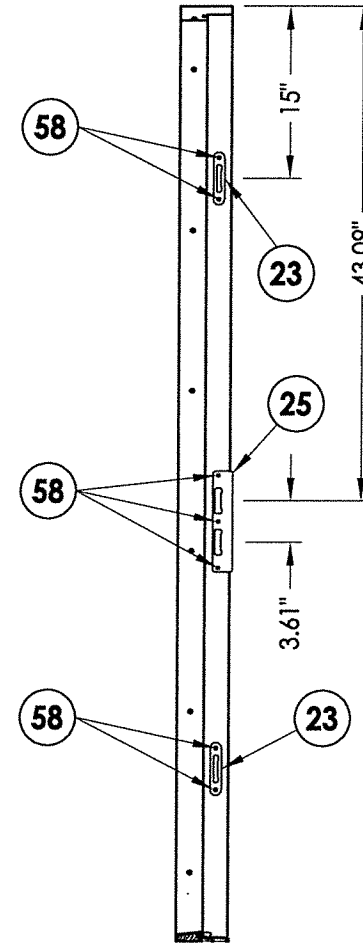
22 HOPPE MULTI-POINT LOCKSET
3-Point "Tongue"



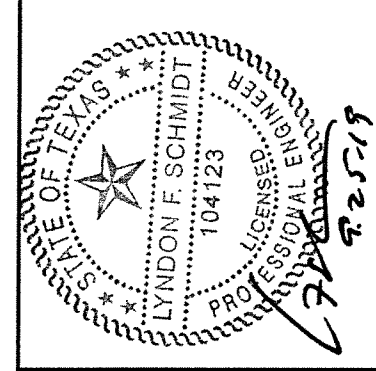
23 MULTI-POINT STRIKE PLATE



25 LATCH AND DEADBOLT STRIKE PLATE
Tongue system



STRIKE JAMB



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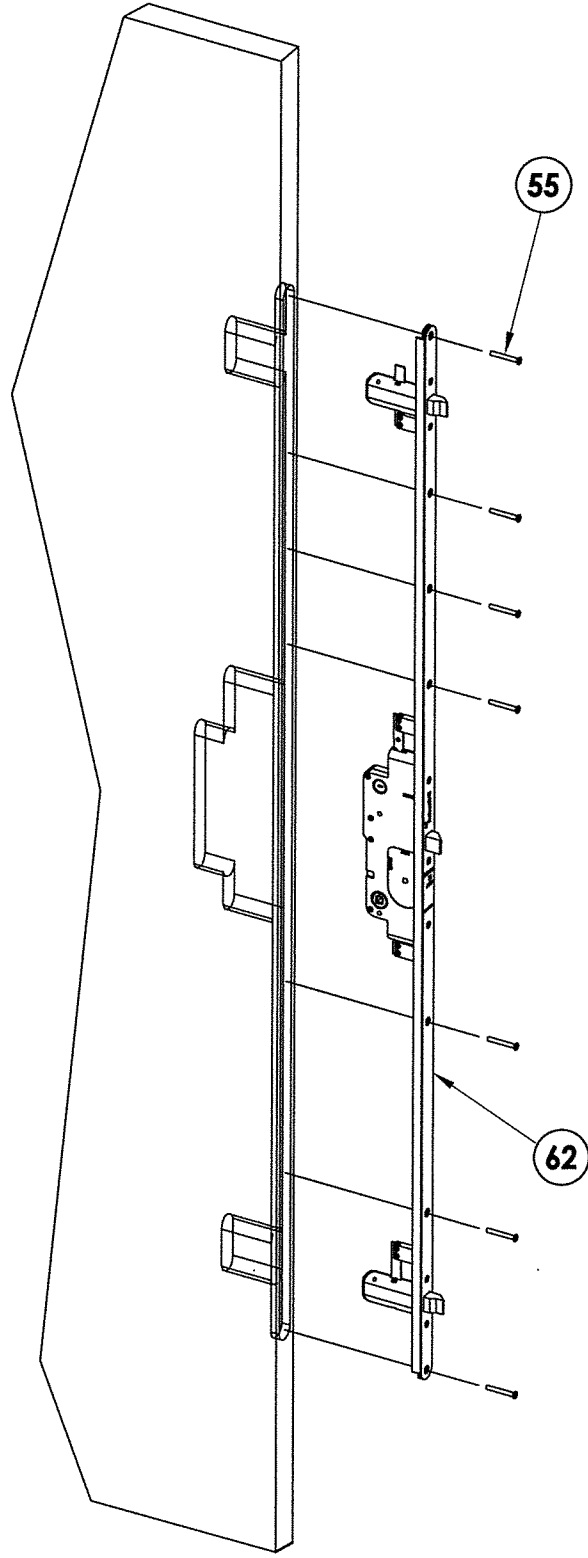
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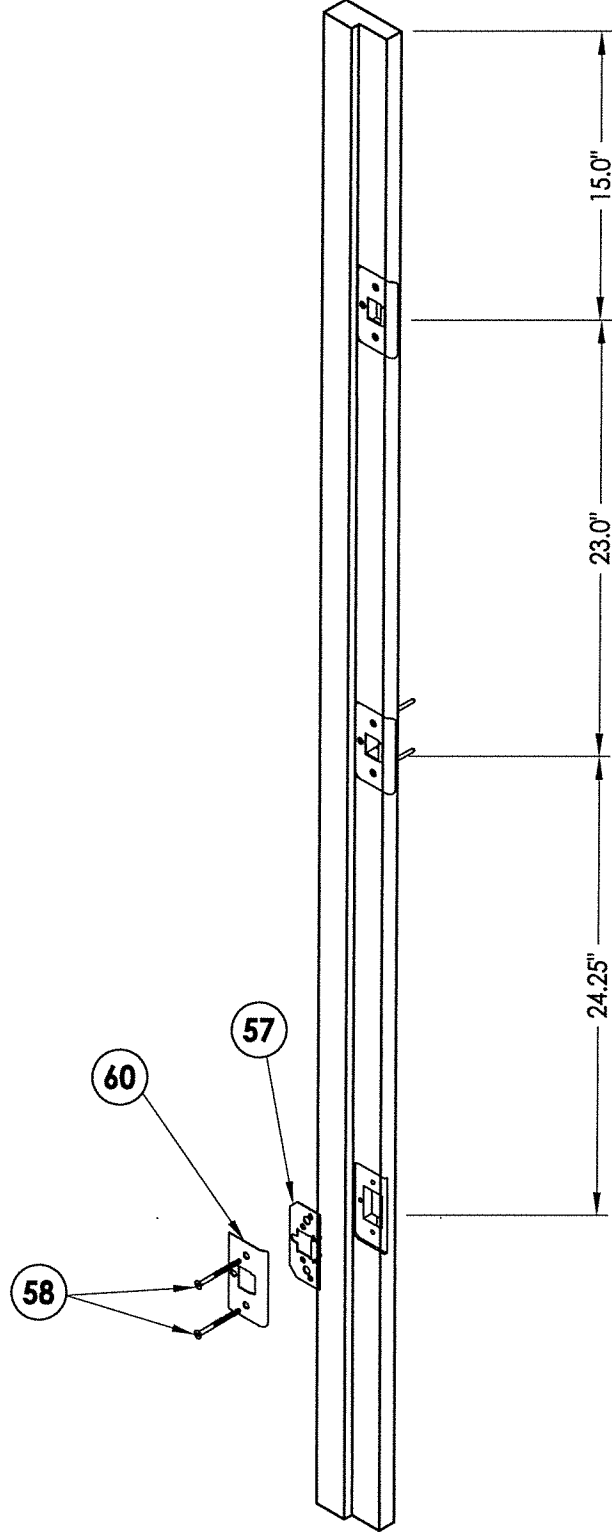
PRODUCT: WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY: 3-POINT LOCK DETAILS

NO.	DATE	REVISIONS
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		LFS
		BY

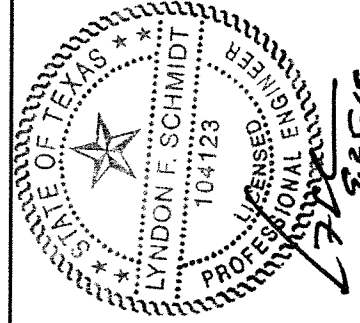
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4158
SHEET 5 OF 8



59 **W & F TRILENNIUM 3000 SERIES**
3-Point Lock



STRIKE JAMB DETAIL



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PRODUCT: WINCORE
FIBERGLASS DOOR
PART OR ASSEMBLY:
3-POINT LOCK DETAILS

NO.	DATE	DESCRIPTION	BY
1	9/18/19	UPDATE TO 2018 IBC	LFS
			BY

DATE: 05/30/12

SCALE: N.T.S.

DWG. BY: JK

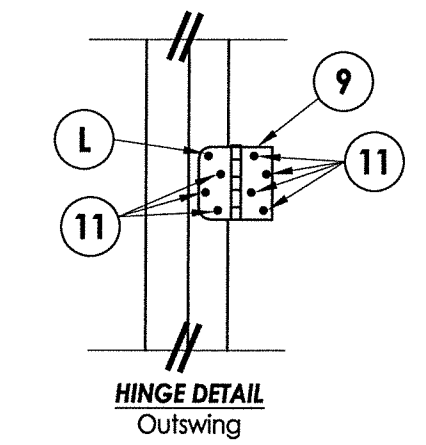
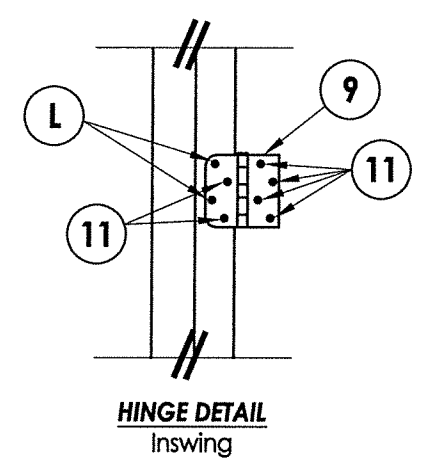
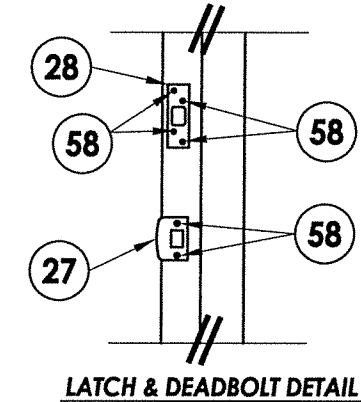
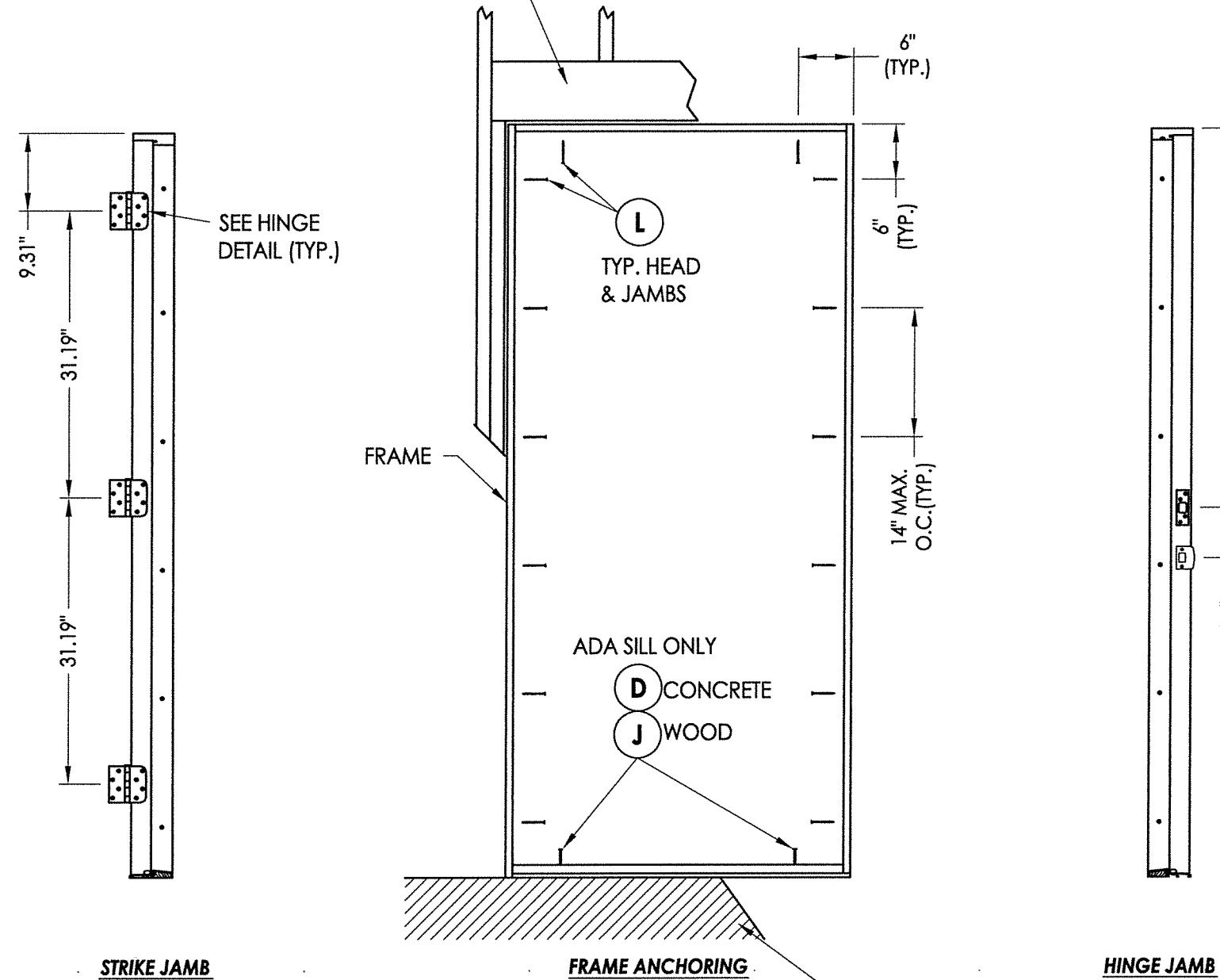
CHK. BY: LFS

DRAWING NO.:

TX-4158

SHEET 6 OF 8

2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.



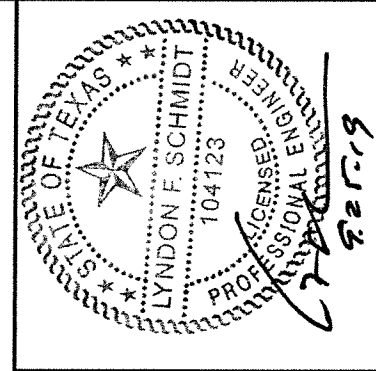
FLOOR SUBSTRATE MATERIAL
CONCRETE (MIN. 3000 PSI)
WOOD (G >= 0.55)

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. 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.
2. 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.

Concrete anchor table:

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



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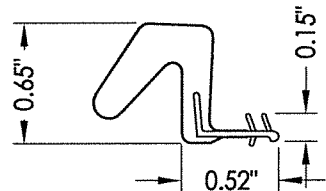
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY: FRAME ANCHORING

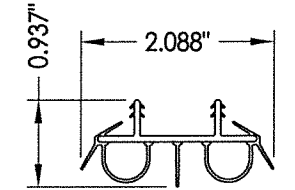
NO.	DATE	BY	REVISIONS
1	9/18/19	LFS	UPDATE TO 2018 IBC

DATE: 05/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4158
SHEET 7 OF 8

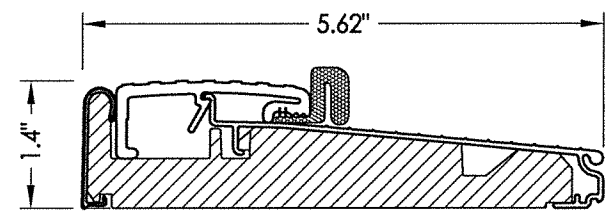
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
J	#10 X 3" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
22	HOPPE - 3 POINT "TONGUE" MULTI-POINT LOCKSET	STEEL
23	MULTI-POINT STRIKE PLATE (TONGUE SYSTEM)	STEEL
25	LATCH AND DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	ADA THRESHOLD	ALUM
30	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
36	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
59	W & F TRIENNIIUM SERIES 3000 - 3 POINT LOCK	
60	MULTI-POINT STRIKE PLATE	STEEL
62	LOCK ASSEMBLY	STEEL



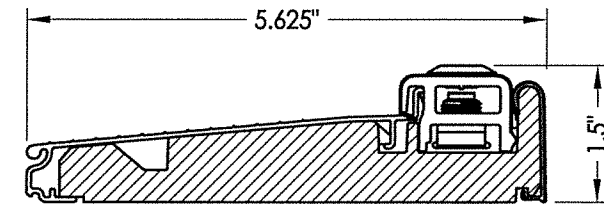
7 WEATHERSTRIP
Endura Force 5



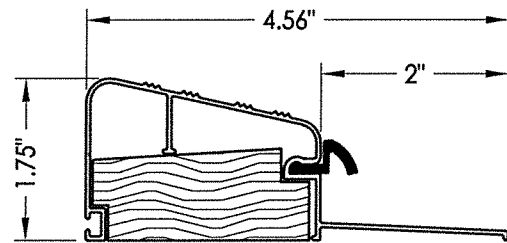
8 DOOR BOTTOM SWEEP



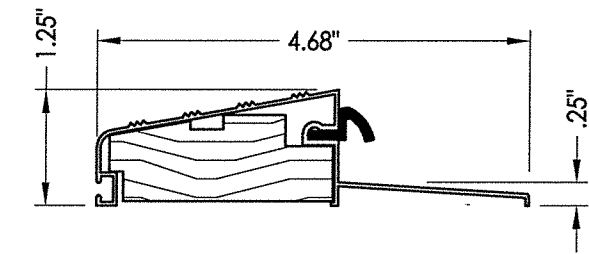
33 OUTSWING THRESHOLD
Endura (Z-Series)



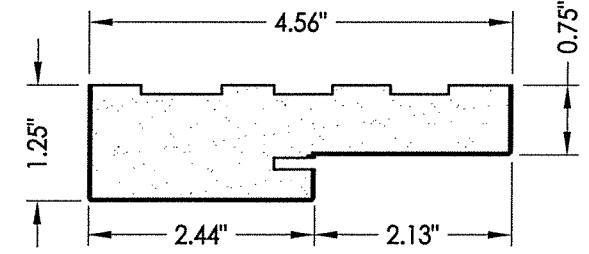
36 INSWING THRESHOLD
Endura (Z-Series)



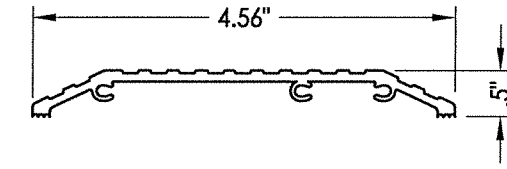
30 OUTSWING THRESHOLD
DLP (QOSR)



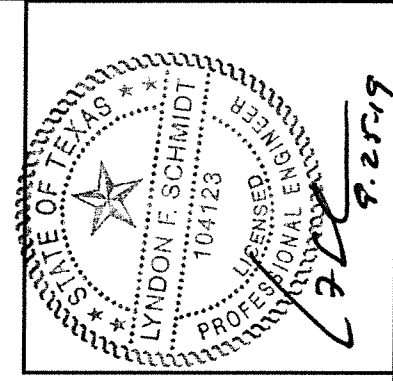
32 OUTSWING THRESHOLD
DLP (QOSH)



1 POLY FIBER JAMB
Plastpro



29 ADA THRESHOLD
DLP



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PRODUCT: WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY: BILL OF MATERIALS

NO.	DATE	BY
1	9/18/19	LFS
UPDATE TO 2018 IBC		

DATE: 05/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4158
SHEET 8 OF 8