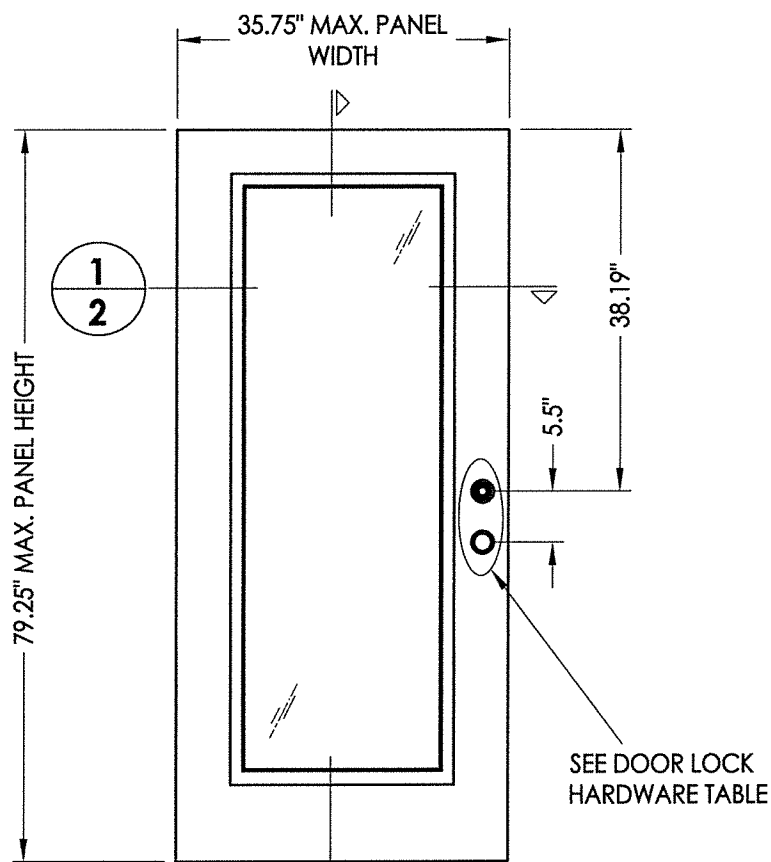
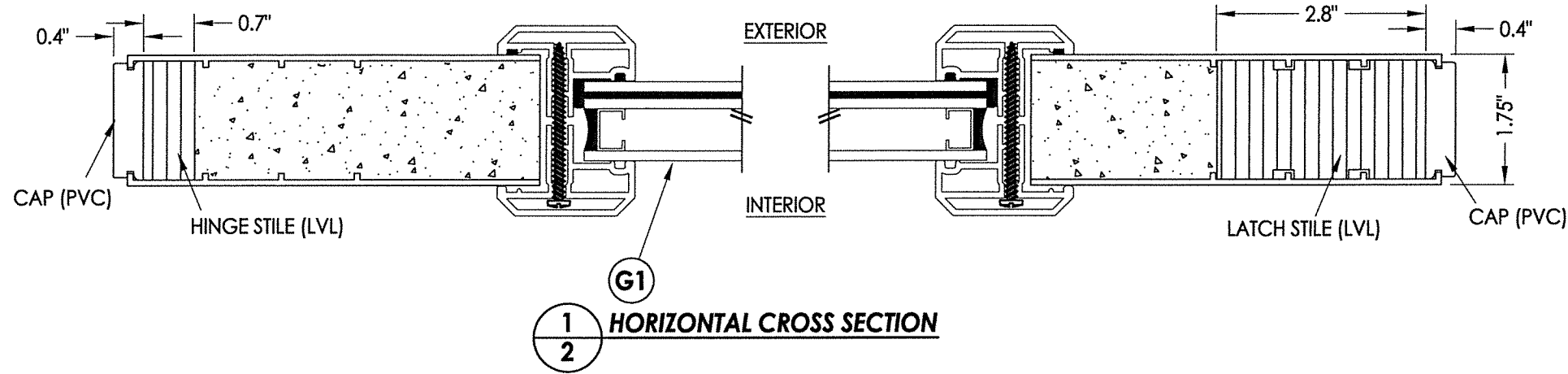




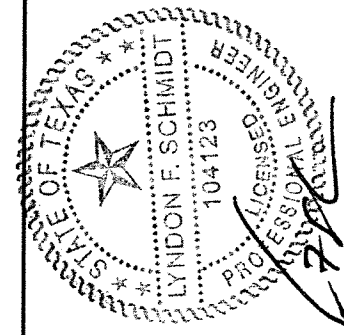
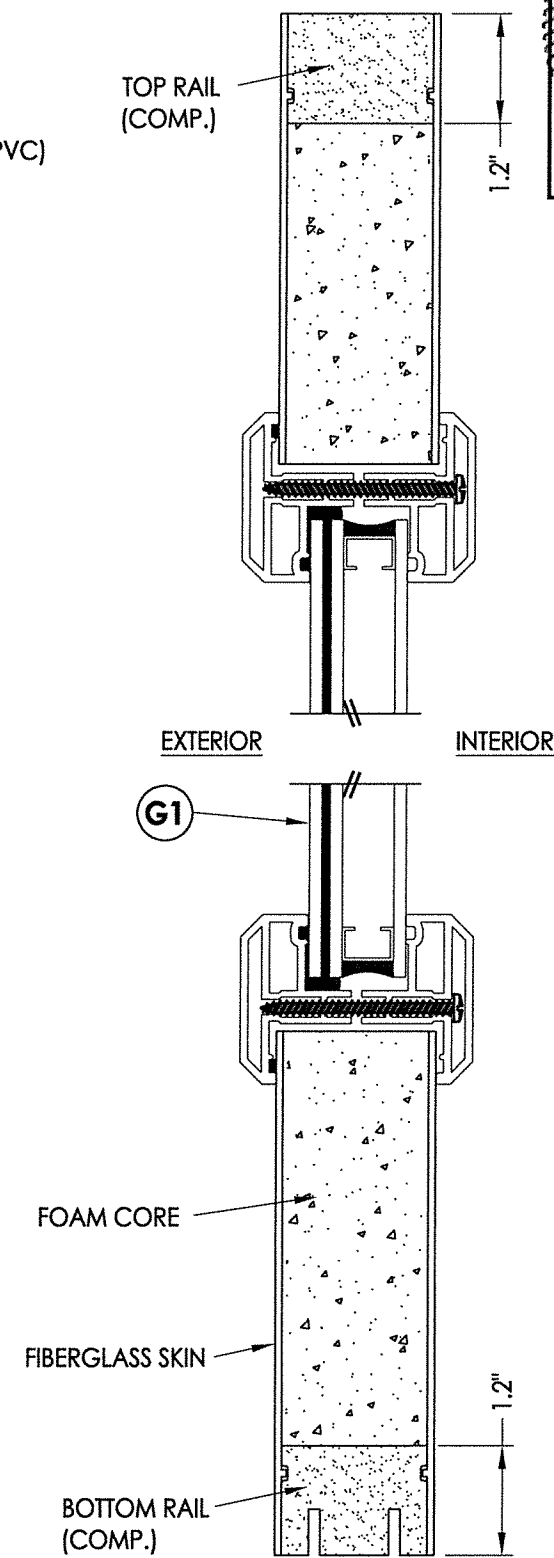
R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Doors\TDI XXX - GLZ FG Door, Impact\C - Drawings\TX-4964.65.dwg, 2.2



- 40** PLASTPRO DOOR PANEL
- 50** PLASTPRO SIDELITE PANEL

FIBERGLASS SKIN: 0.075" MIN. THK.  
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
ENDURA	TRILENNIUM 3000 SERIES MULTI-POINT LOCK (3 pt.)
SCHLAGE	KNOB: "F" SERIES (F60) DEADBOLT: "B" SERIES (B60/62)
KWSIKSET	KNOB: SERIES (400) DEADBOLT: SERIES (660)



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: WINCORE FIBERGLASS ENTRY DOOR "Impact"

PART OR ASSEMBLY: DOOR & SIDELITE PANEL DETAILS

NO.	DATE	BY	REVISIONS

DATE: 8/05/19

SCALE: N.T.S.

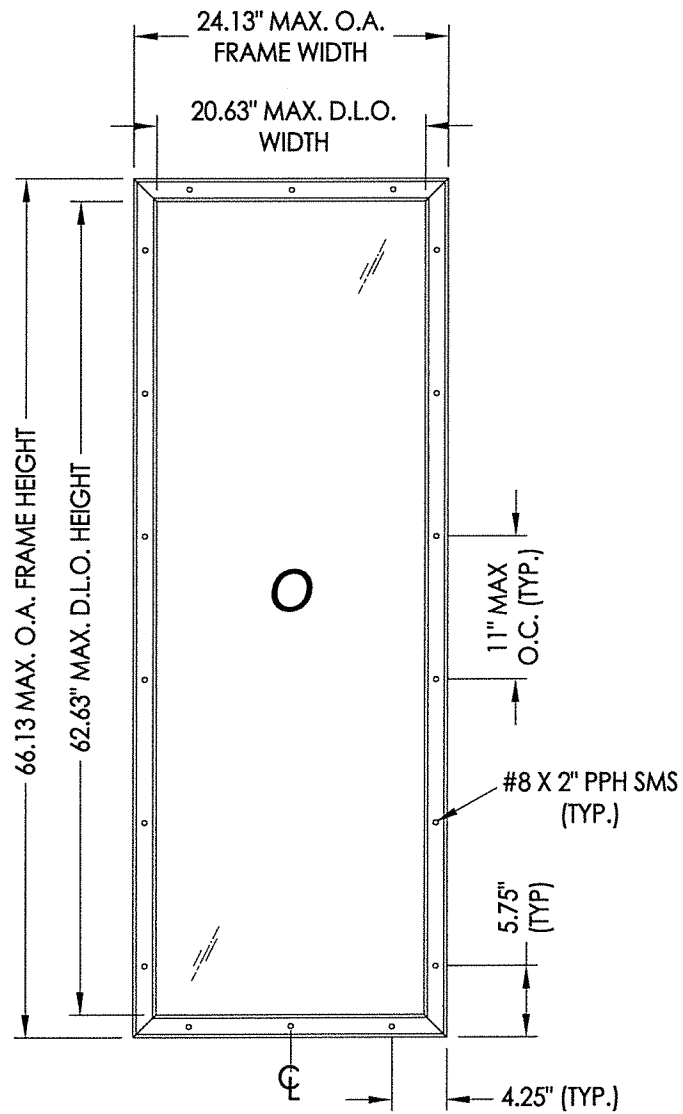
DWG. BY: RW

CHK. BY: LFS

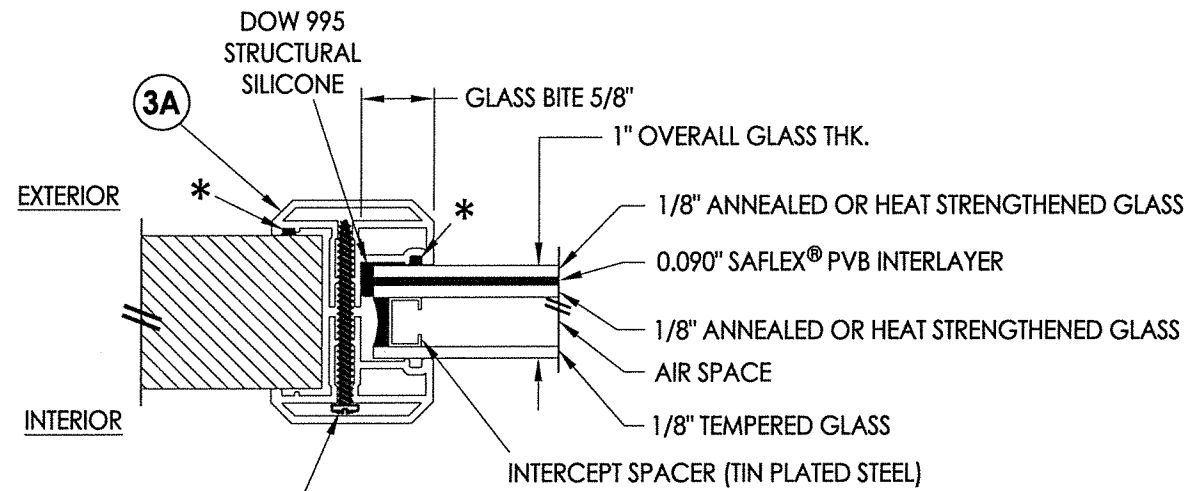
DRAWING NO.:

TX-4965

SHEET 2 OF 8



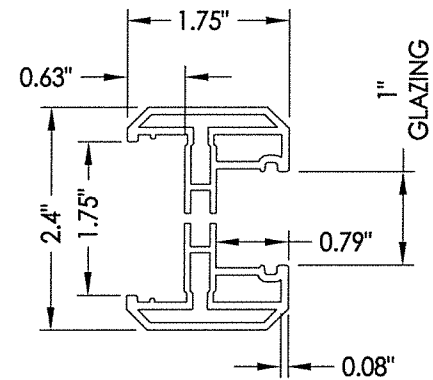
ODL LITE FRAME DETAIL  
"FLAT FRAME" PROFILE



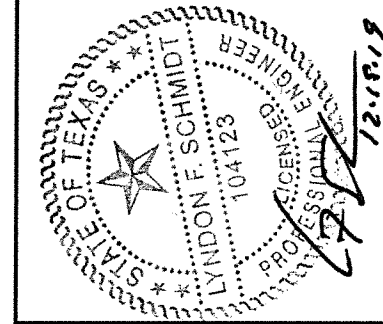
\* NON-STRUCTURAL  
BACKBEDDING SEALANT  
(READI-SEAL)

#8 X 2" PPH SMS

**G1** GLAZING DETAIL  
ODL "FLAT FRAME"



**3A** ODL LITE FRAME  
"FLAT FRAME" PROFILE  
(6063-T5 ALUM)



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

PRODUCT: WINCORE  
FIBERGLASS ENTRY DOOR  
Impact

PART OR ASSEMBLY:  
LITE FRAME  
GLAZING DETAILS

NO.	DATE	REVISIONS	BY

DATE: 8/05/19

SCALE: N.T.S.

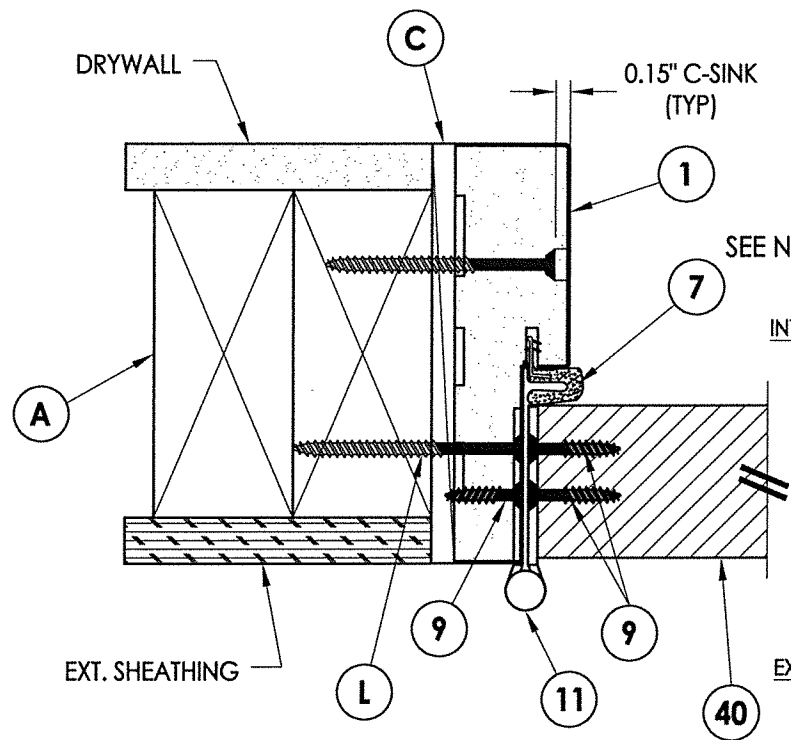
DWG. BY: RW

CHK. BY: LFS

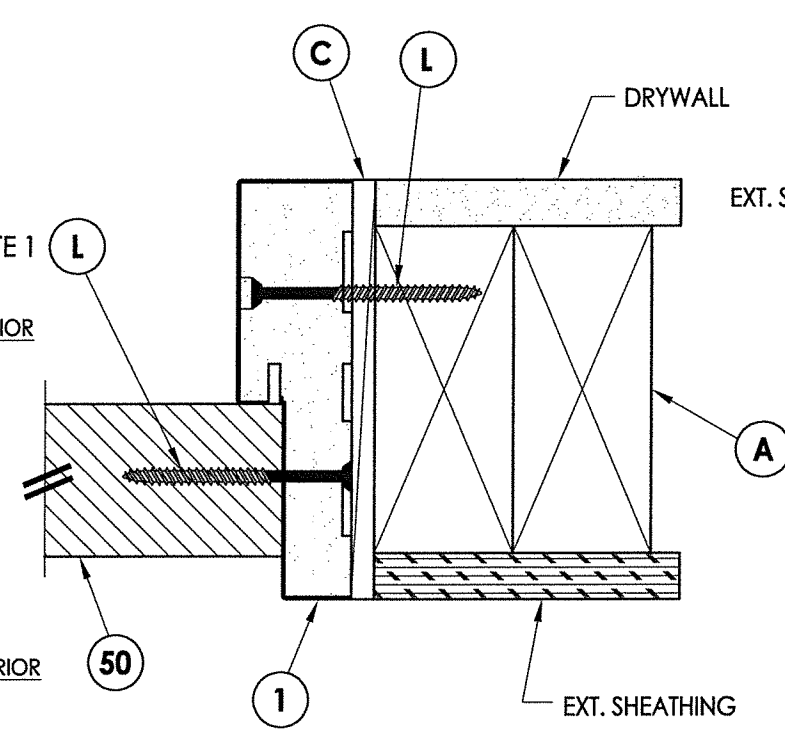
DRAWING NO.:  
TX-4965

SHEET 3 OF 12

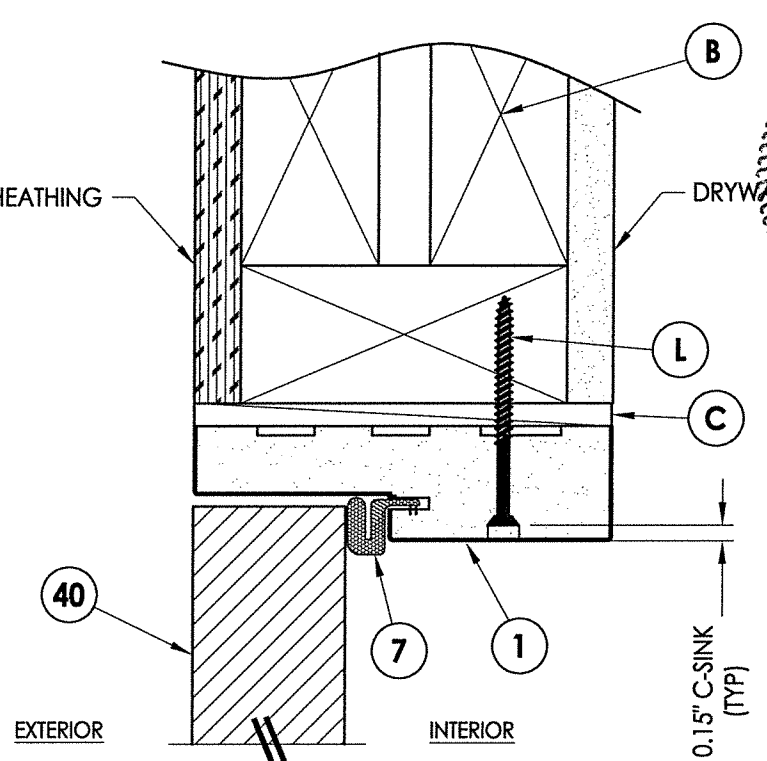




**1** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)

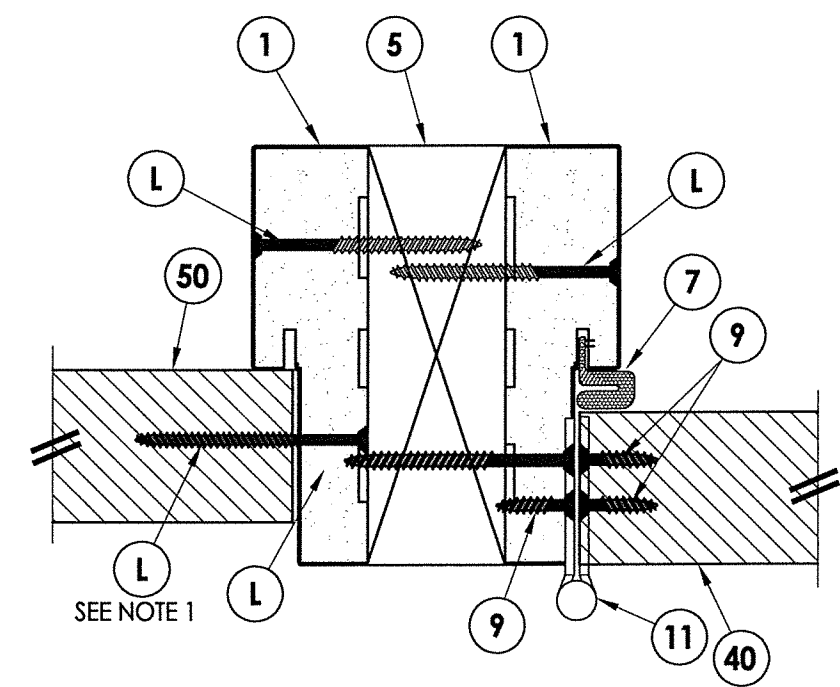


**2** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)

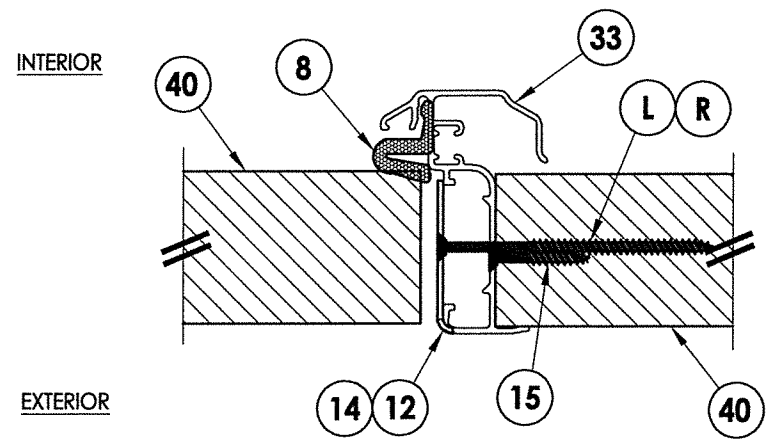


**3** VERTICAL CROSS SECTION  
**5** Outswing shown (Inswing similar)

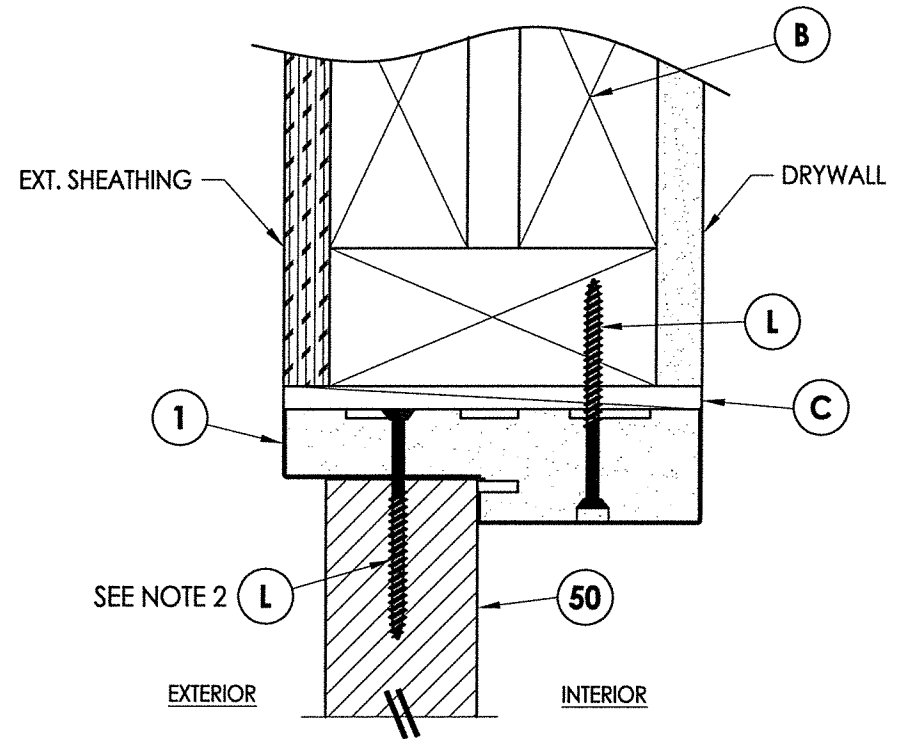
- NOTES:**
1. Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).
  2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



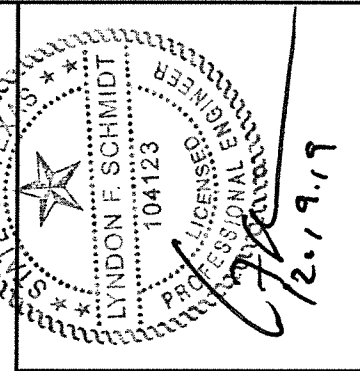
**5** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)



**6** HORIZONTAL CROSS SECTION  
**5** Inswing shown (Outswing similar)



**4** VERTICAL CROSS SECTION  
**5** Outswing shown (Inswing similar)



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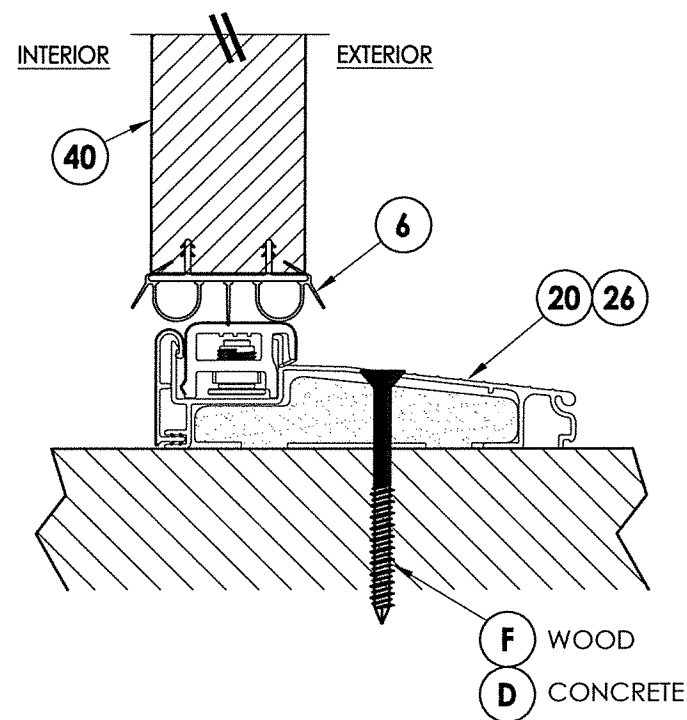
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS ENTRY DOOR "Impact"

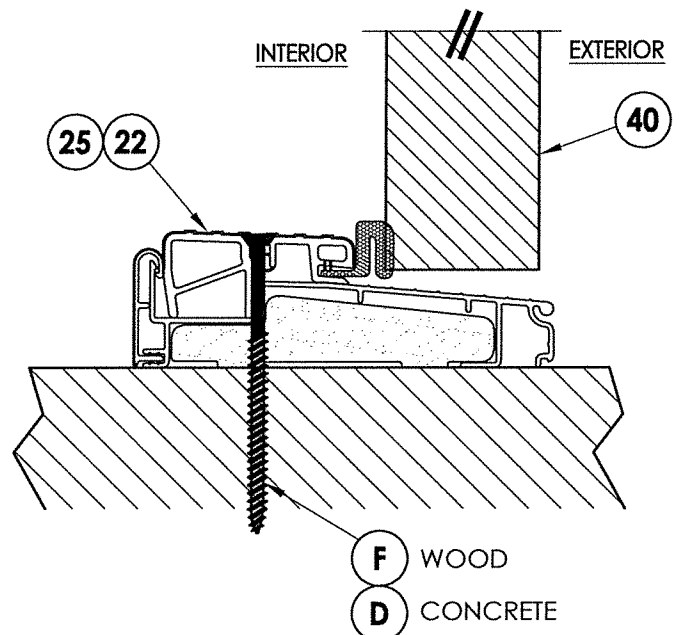
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

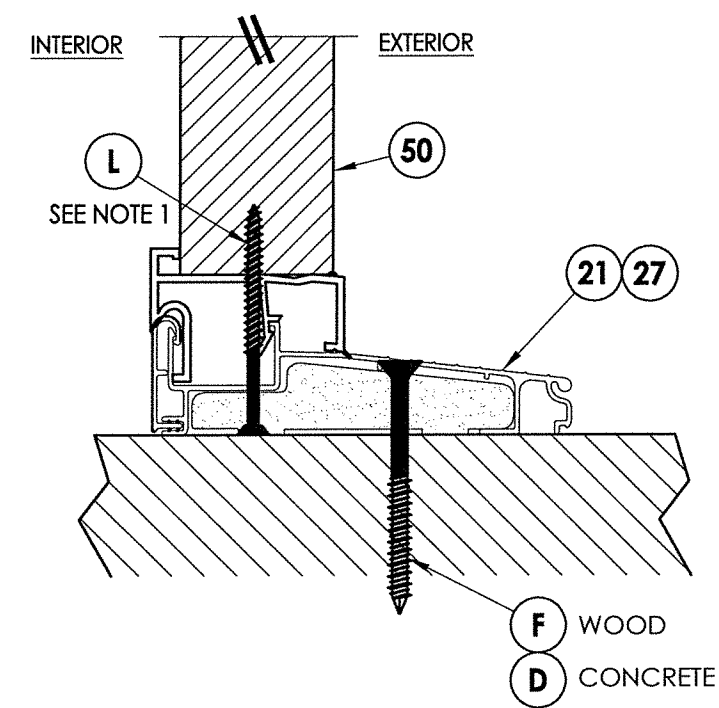
DATE: 8/05/19  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: TX-4965  
SHEET 5 OF 8



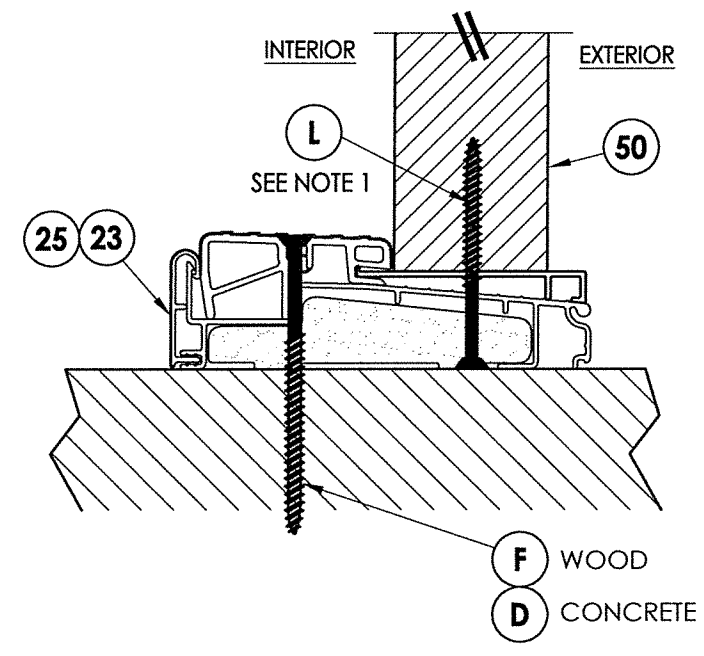
**1 VERTICAL CROSS SECTION**  
6 Inswing sill



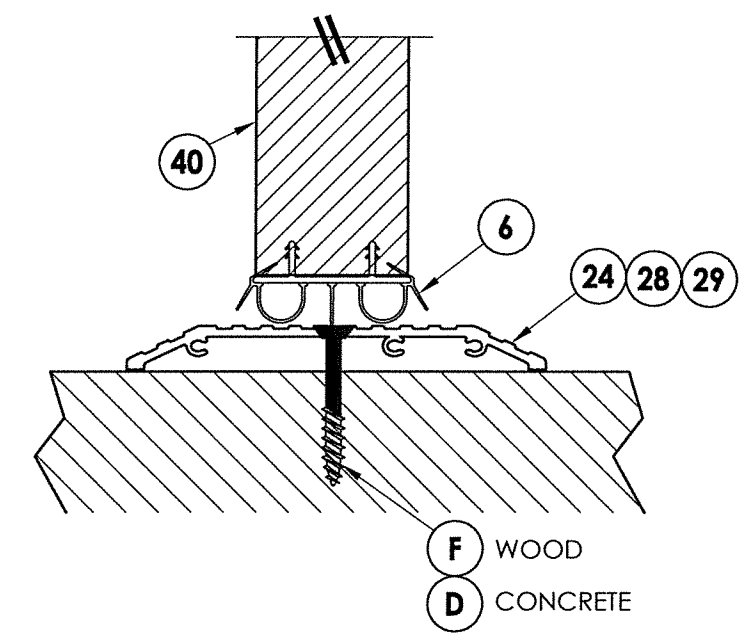
**2 VERTICAL CROSS SECTION**  
6 Outswing sill



**4 VERTICAL CROSS SECTION**  
6 Inswing sill

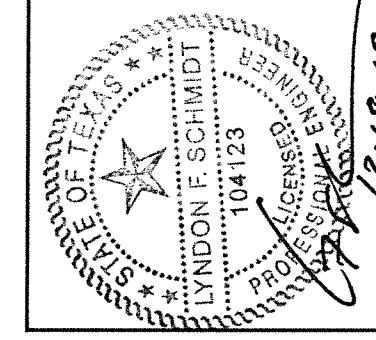


**5 VERTICAL CROSS SECTION**  
6 Inswing sill



**3 VERTICAL CROSS SECTION**  
6 ADA Sill

NOTE:  
1. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



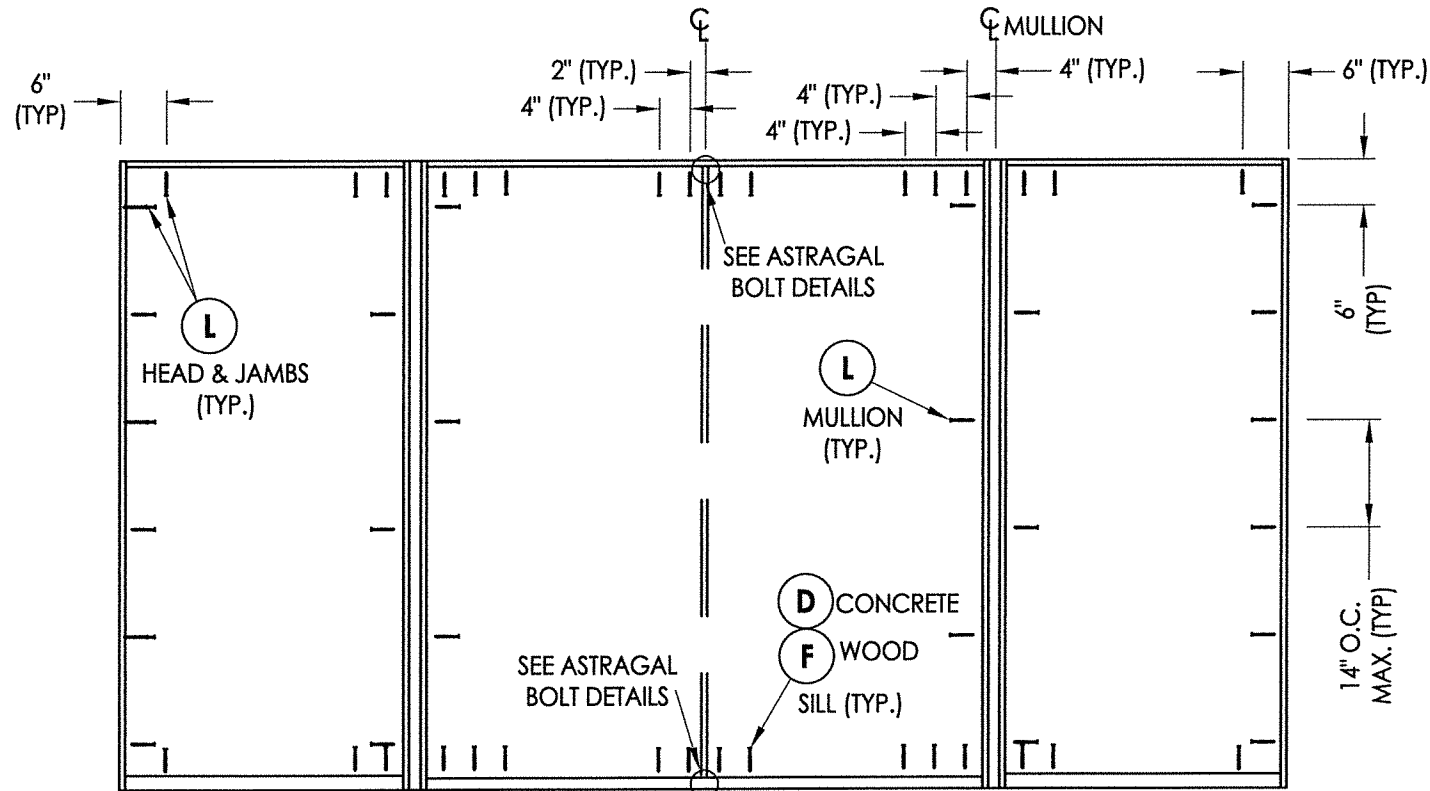
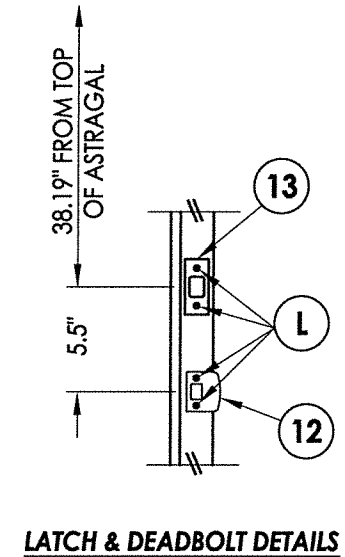
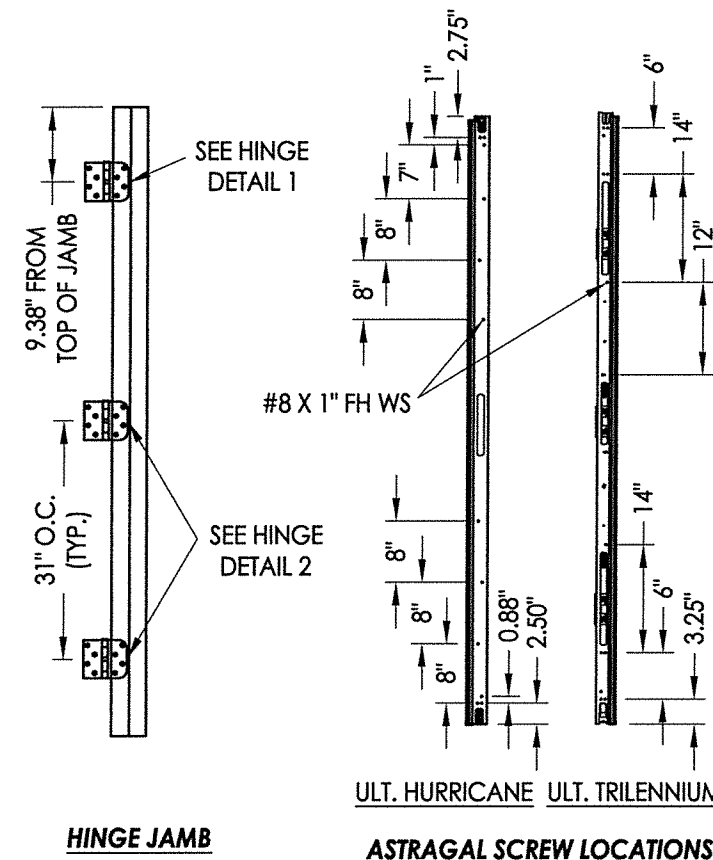
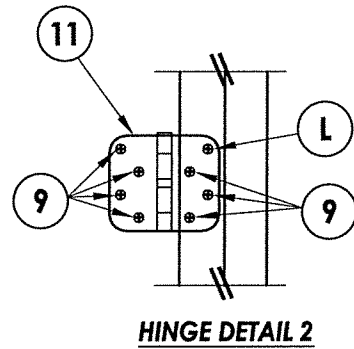
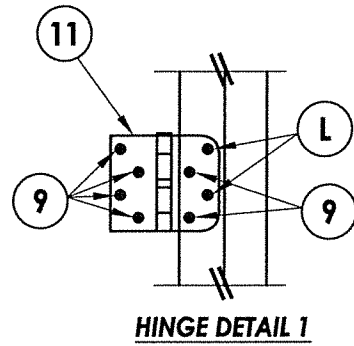
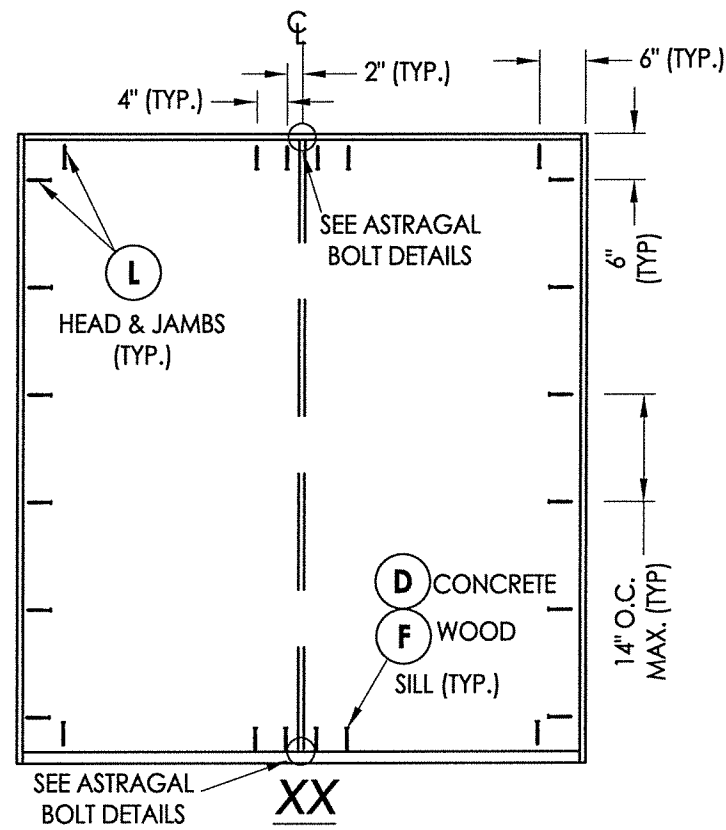
Documents Prepared By: Lyndon F. Schmidt, P.E.  
TEXAS P.E. #104123  
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: WINCORE FIBERGLASS ENTRY DOOR Impact  
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

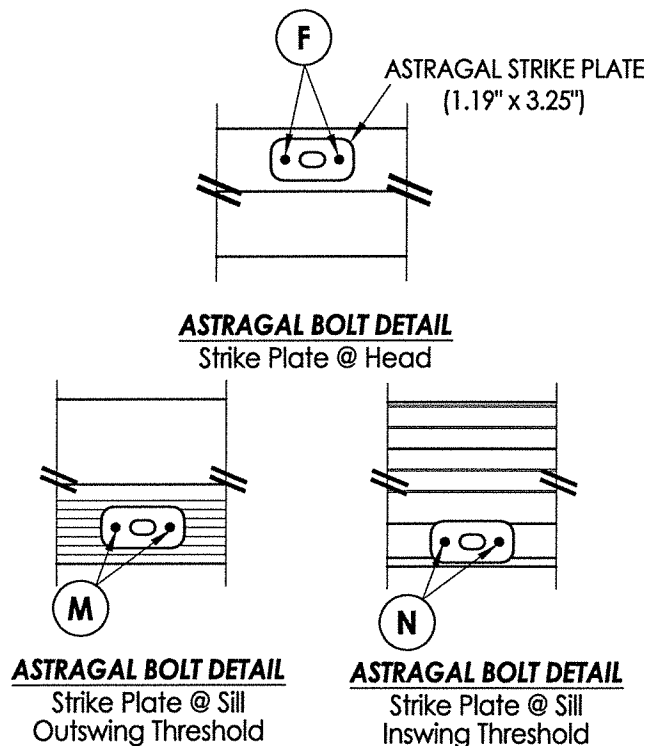
DATE: 8/05/19  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: TX-4965  
SHEET 6 OF 8

R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Doors\TDI XXX - GLZ FG Door, ImpactC - Drawings\TX-4964.65.dwg, 7.2



**OXXO (Shown)**  
 XXO, OXX (Similar - Use jamb anchoring from XX above)

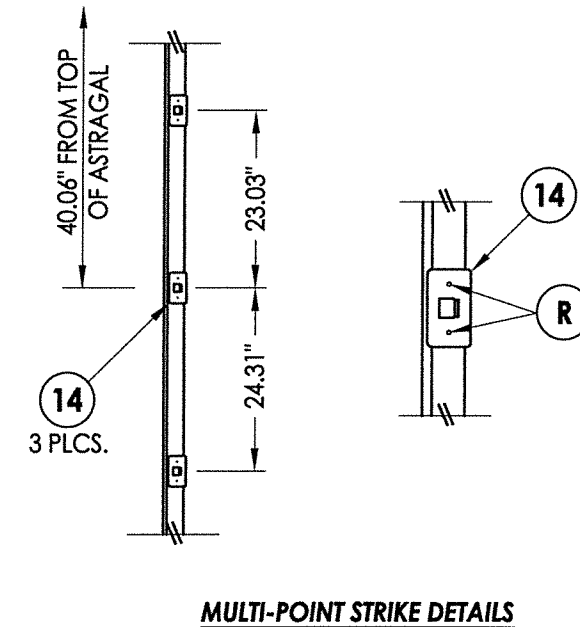
**FRAME ANCHORING**



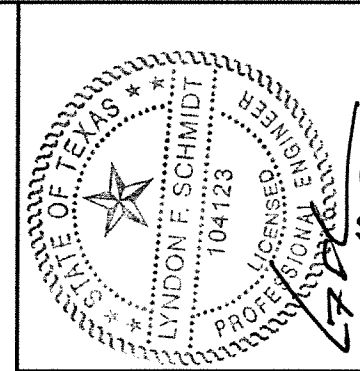
**ASTRAGAL BOLT DETAIL**  
 Strike Plate @ Sill  
 Outswing Threshold

**ASTRAGAL BOLT DETAIL**  
 Strike Plate @ Sill  
 Inswing Threshold

**HARDWARE DETAILS**



**MULTI-POINT STRIKE DETAILS**



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: WINCORE FIBERGLASS ENTRY DOOR "Impact"

PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS

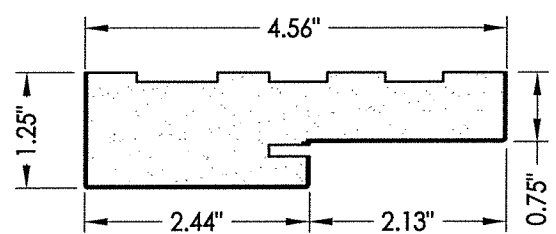
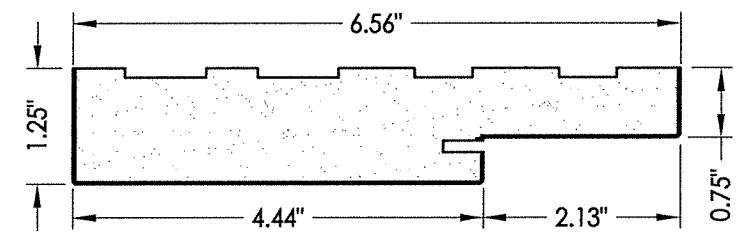
NO.	DATE	BY	REVISIONS

DATE: 8/05/19  
 SCALE: N.T.S.  
 DWG. BY: RW  
 CHK. BY: LFS  
 DRAWING NO.: TX-4965  
 SHEET 7 OF 8

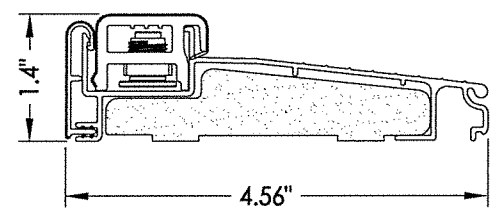
R:\Clients\Wincore PERMANENT\B - Texas Dept of Ins\Doors\TDI XXX - GLZ FG Door, Impact\C - Drawings\TX-4964.65.dwg, 8.2

**BILL OF MATERIALS**

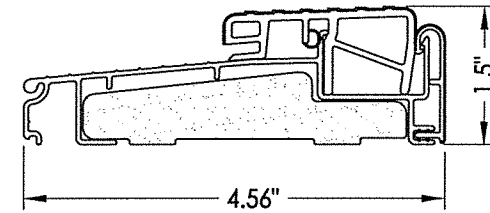
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH ELCO OR ITW CONCRETE SCREW (1-3/4" MIN. EMB.)	STEEL
F	#10 PFH WOOD SCREW (1-3/4" MIN. EMB.)	STEEL
J	#10 X 2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
R	#8 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB (4-9/16" OR 6-9/16")	COMP.
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
9	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE (SQUARE OR RADIUS)	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	TRILENNIUM MULTI-POINT STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	ADA THRESHOLD	ALUM
25	OUTSWING THRESHOLD	ALUM/WOOD
26	INSWING THRESHOLD	ALUM/WOOD
27	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
28	INSWING ADA THRESHOLD	ALUM
29	OUTSWING ADA THRESHOLD	ALUM
33	ASTRAGAL (ENDURA)	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-



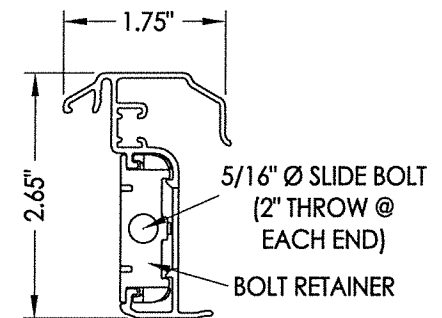
**1 POLY FIBER JAMB**



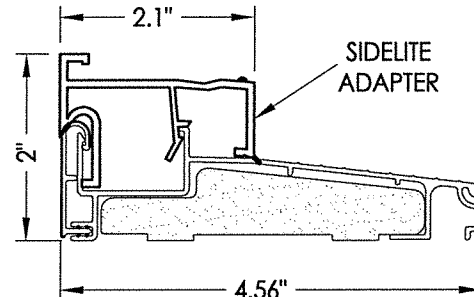
**20 INSWING THRESHOLD**  
Endura (Z-Series)



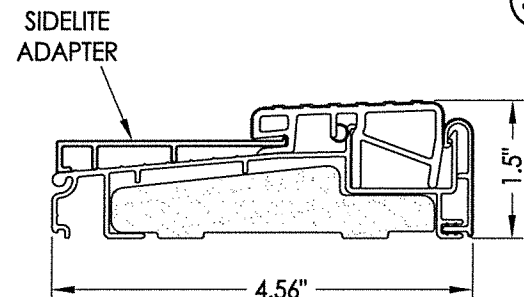
**22 OUTSWING THRESHOLD**  
Endura (Z-Series)



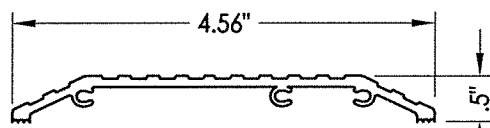
**33 ENDURA ASTRAGAL**  
Ultimate Hurricane  
Ultimate Trilennium



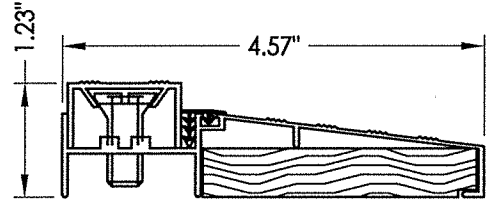
**21 INSWING THRESHOLD w/ SIDELITE ADAPTER**  
Endura (Z-Series)



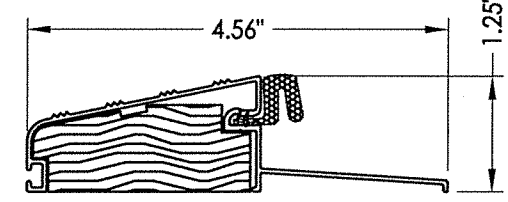
**23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER**  
Endura (Z-Series)



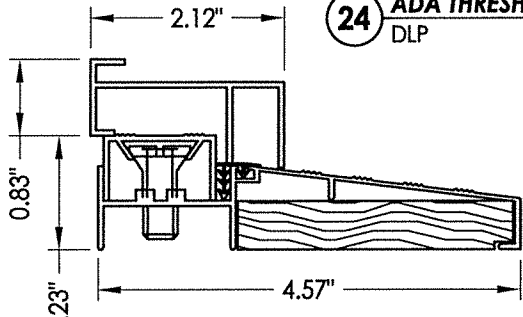
**24 ADA THRESHOLD**  
DLP



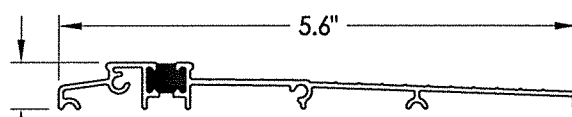
**26 INSWING THRESHOLD**  
DLP



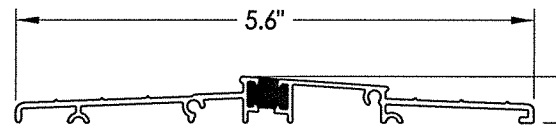
**25 OUTSWING THRESHOLD**  
DLP



**27 INSWING THRESHOLD w/ SIDELITE ADAPTER**  
DLP



**28 INSWING ADA THRESHOLD**  
Endura (Z-Series)



**29 OUTSWING ADA THRESHOLD**  
Endura (Z-Series)

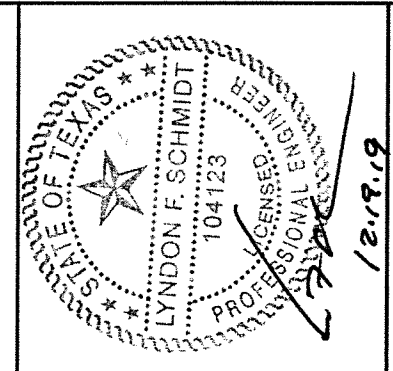
**CONCRETE ANCHOR NOTES:**

- 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.
- Concrete anchor table:

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

**WOOD SCREW INSTALLATION NOTES:**

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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

PRODUCT: WINCORE FIBERGLASS ENTRY DOOR "Impact"  
PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY

DATE: 8/05/19  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: TX-4965  
SHEET 8 OF 8