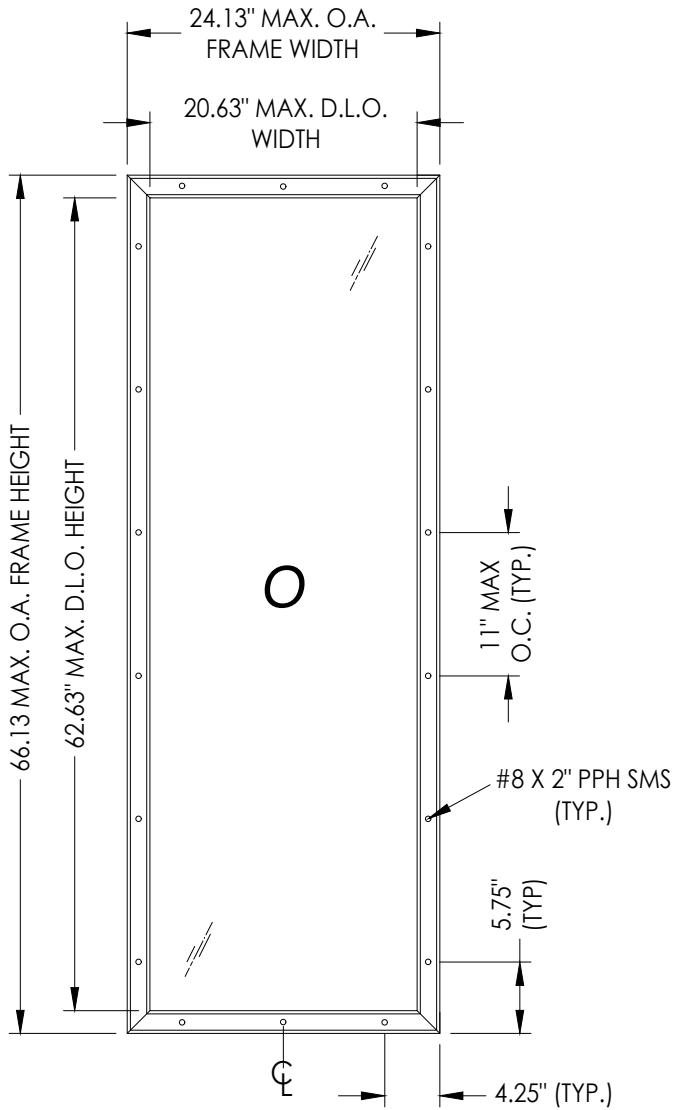
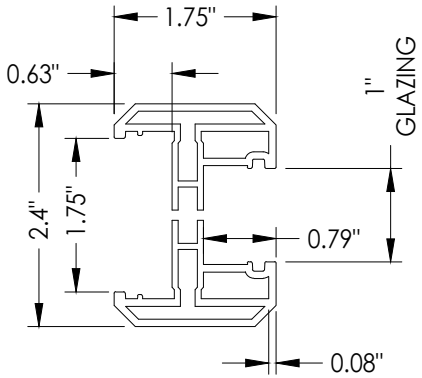
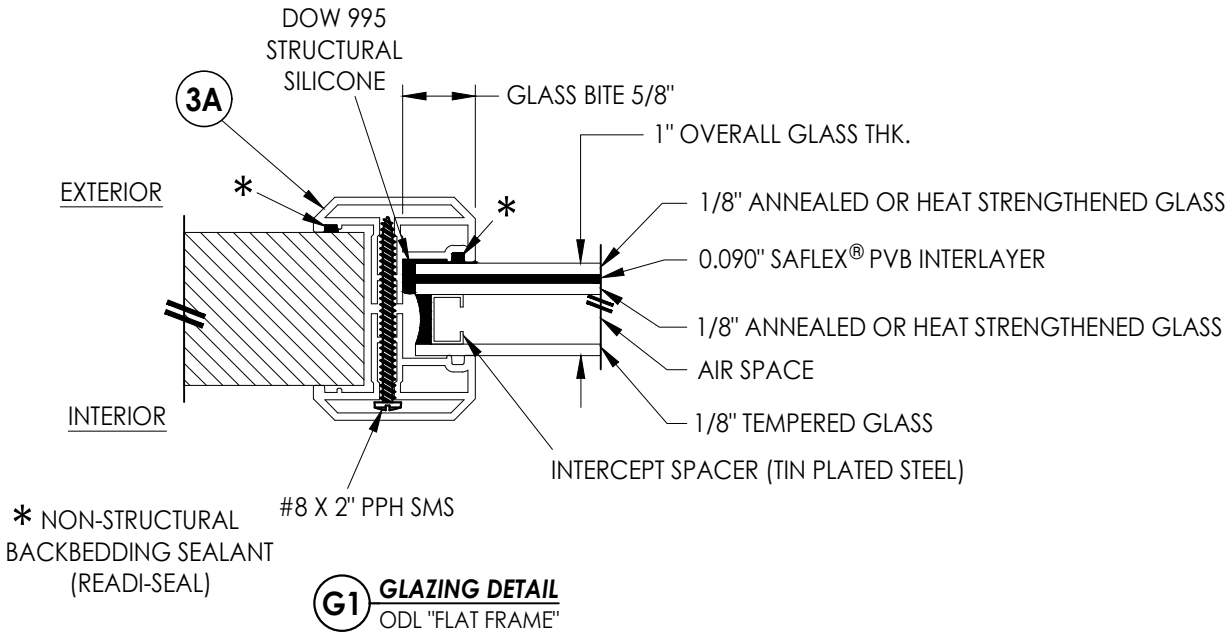


Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.4.dwg

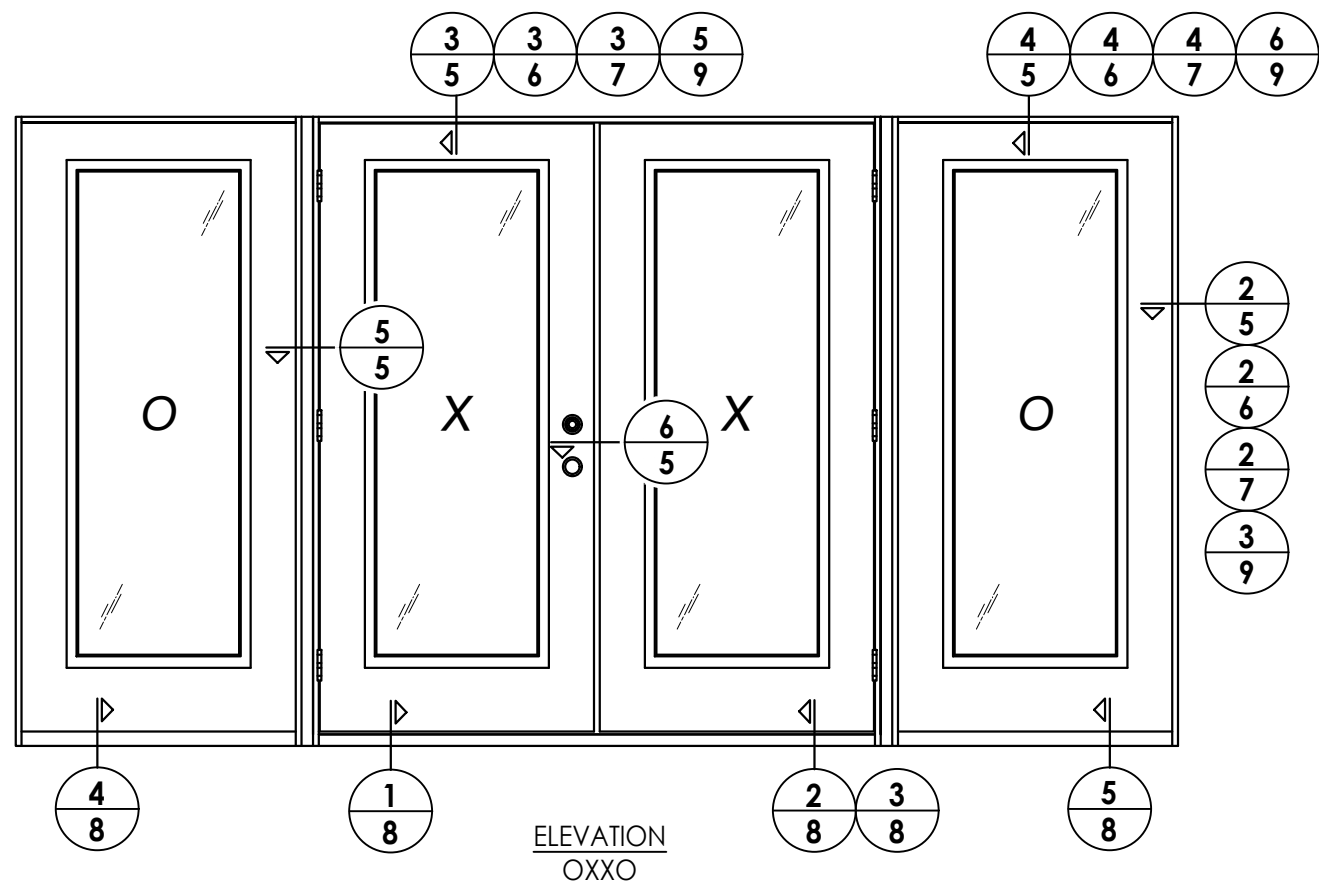
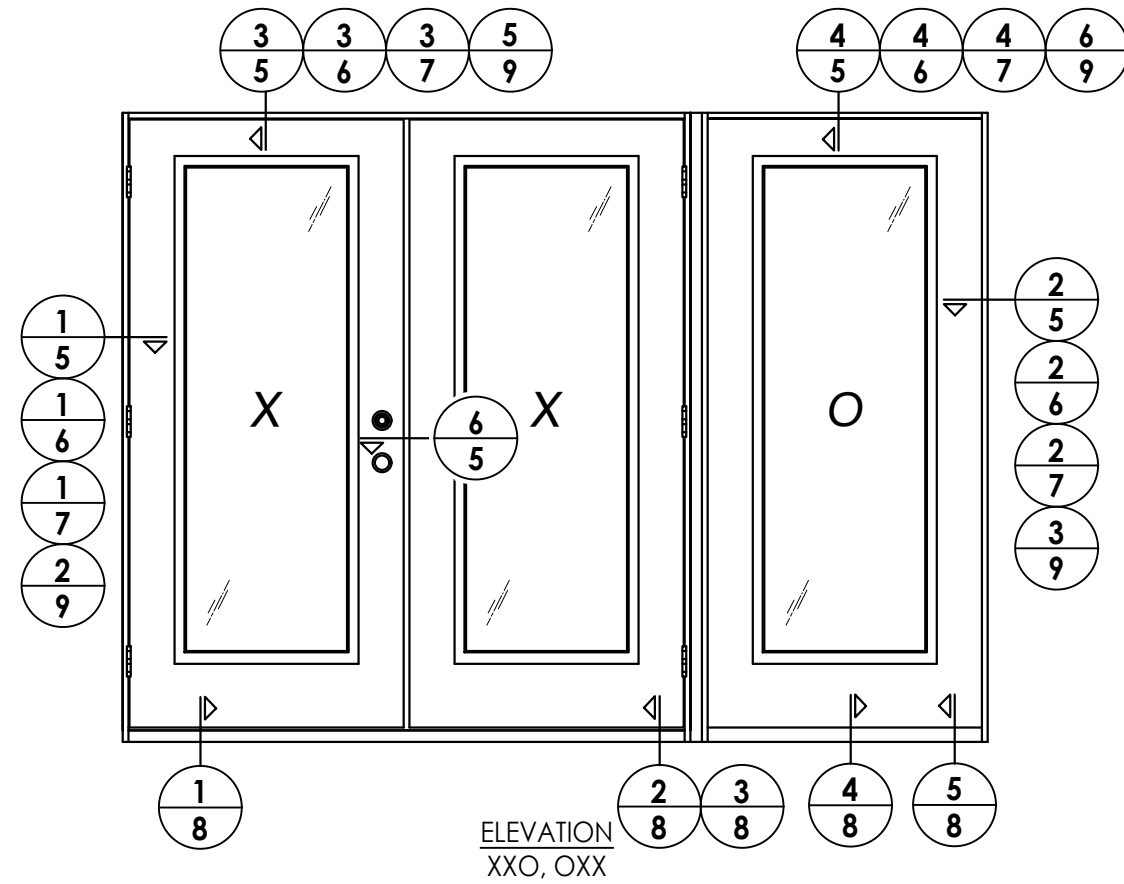
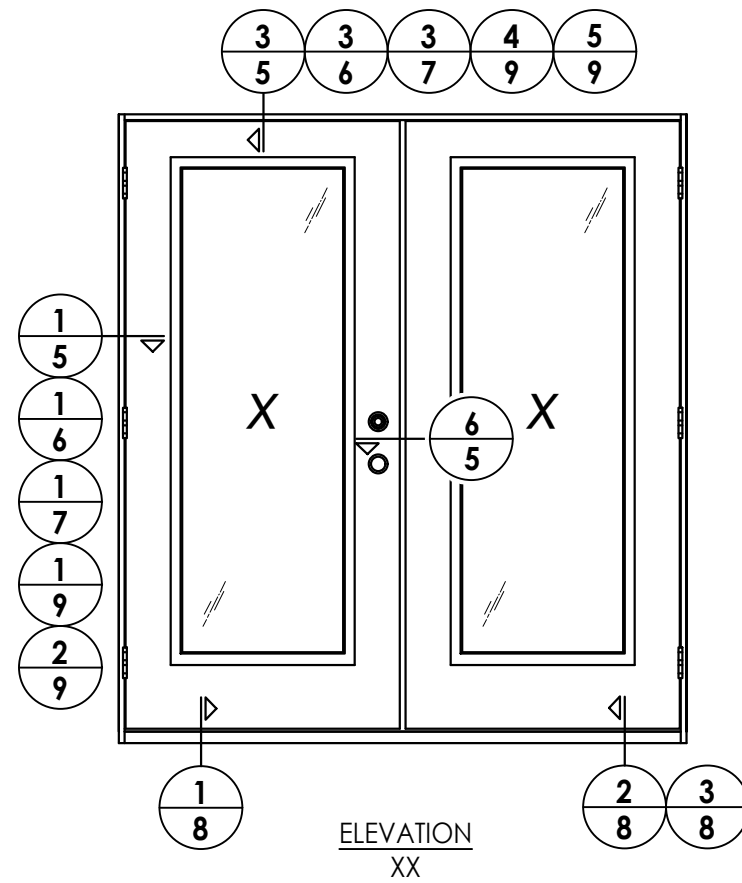


ODL LITE FRAME DETAIL
"FLAT FRAME" PROFILE



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

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: WINCORE FIBERGLASS ENTRY DOOR "Impact"		PART OR ASSEMBLY: LITE FRAME GLAZING DETAILS	
4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	10/14/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	7/14/20	REVISE ULT HURRICANE ASTRAGAL	LFS
NO.	DATE	REVISIONS	
DATE: 8/05/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30037.4			
SHEET 3 OF 12			



4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	10/14/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	7/14/20	REVISE ULT HURRICANE ASTRAGAL	LFS	LFS	
NO.	DATE				BY
					REVISIONS

DATE: 8/05/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30037.4

SHEET 4 OF 12

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

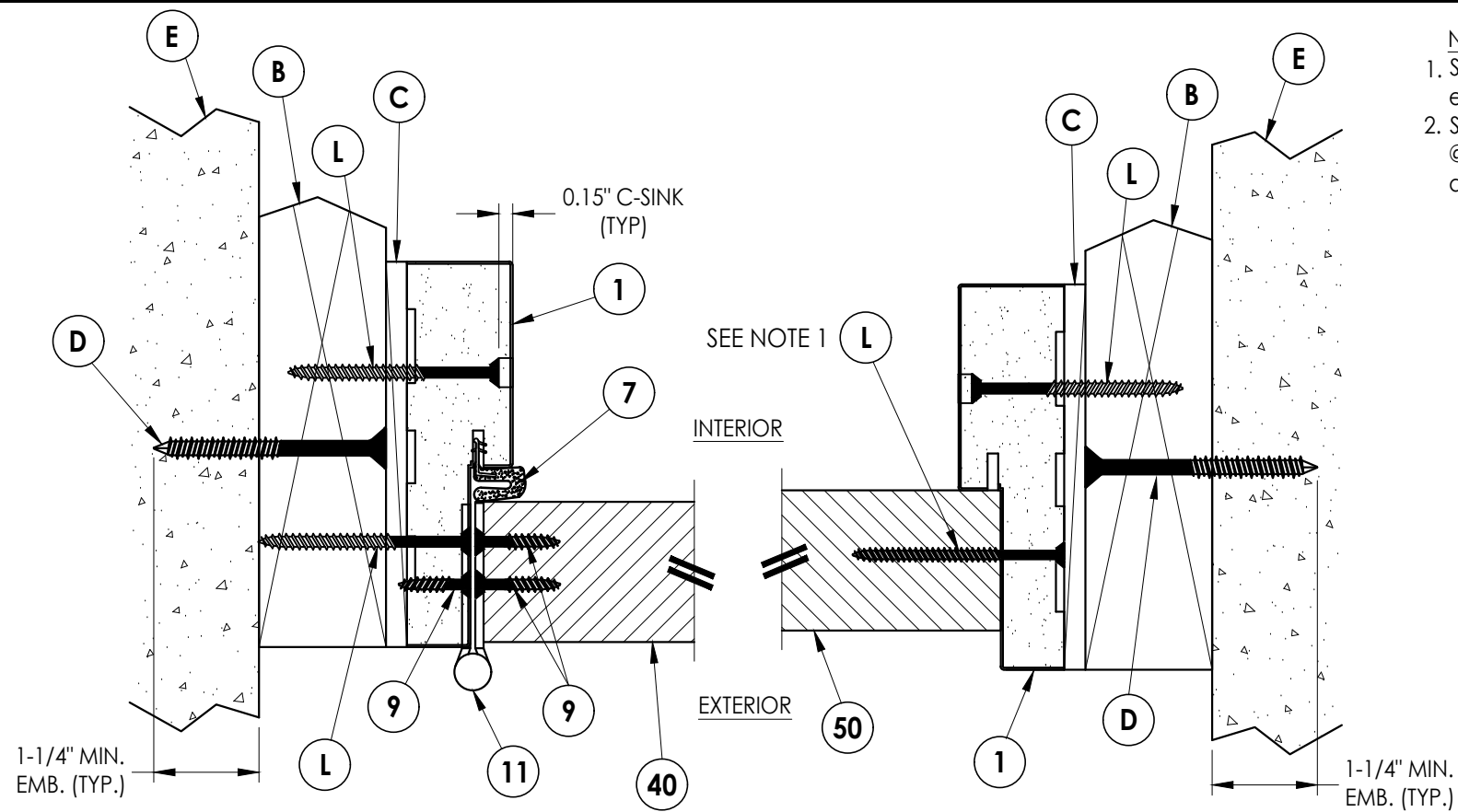
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: WINCORE
FIBERGLASS ENTRY DOOR
"Impact"

PART OR ASSEMBLY:

REVISIONS

© 2019 R.W. BUILDING CONSULTANTS INC.

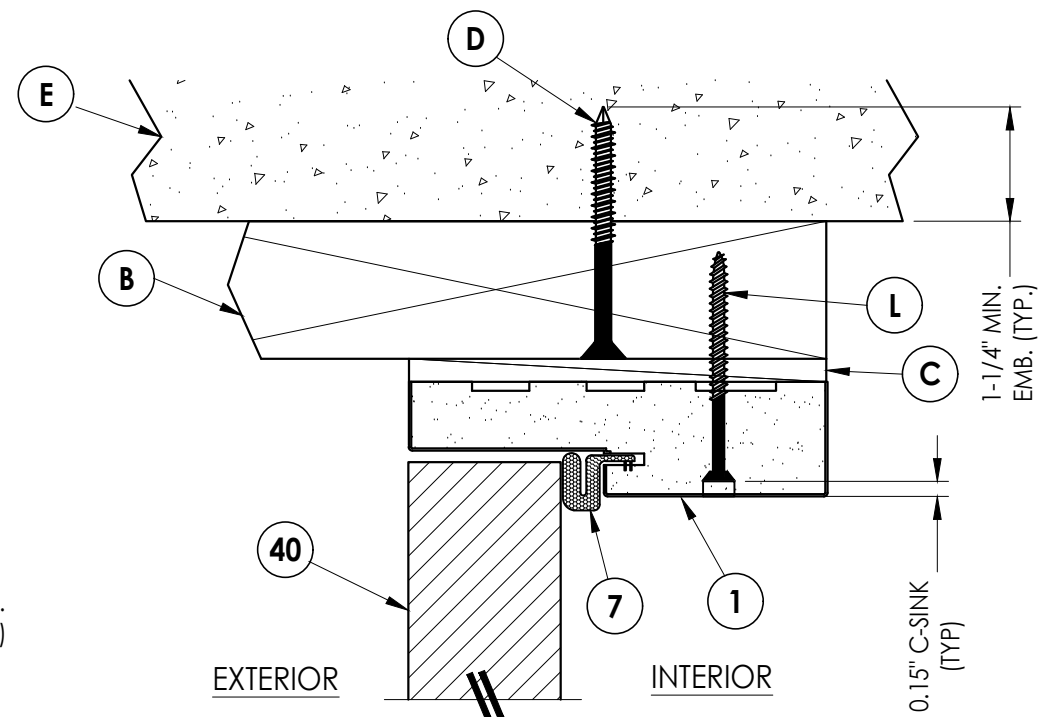


1 **HORIZONTAL CROSS SECTION** 5 Outswing shown (Inswing similar)

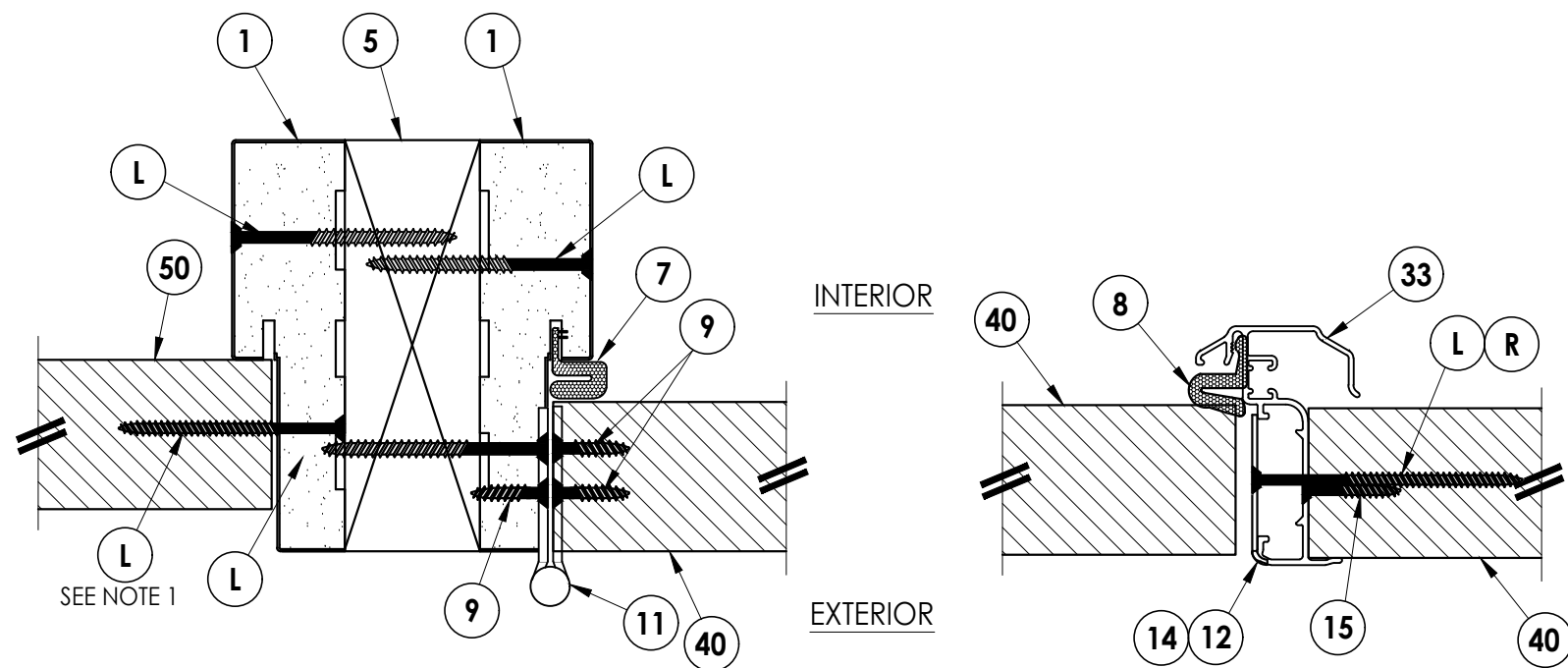
2 **HORIZONTAL CROSS SECTION**
5 Outswing shown (Inswing similar)

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.



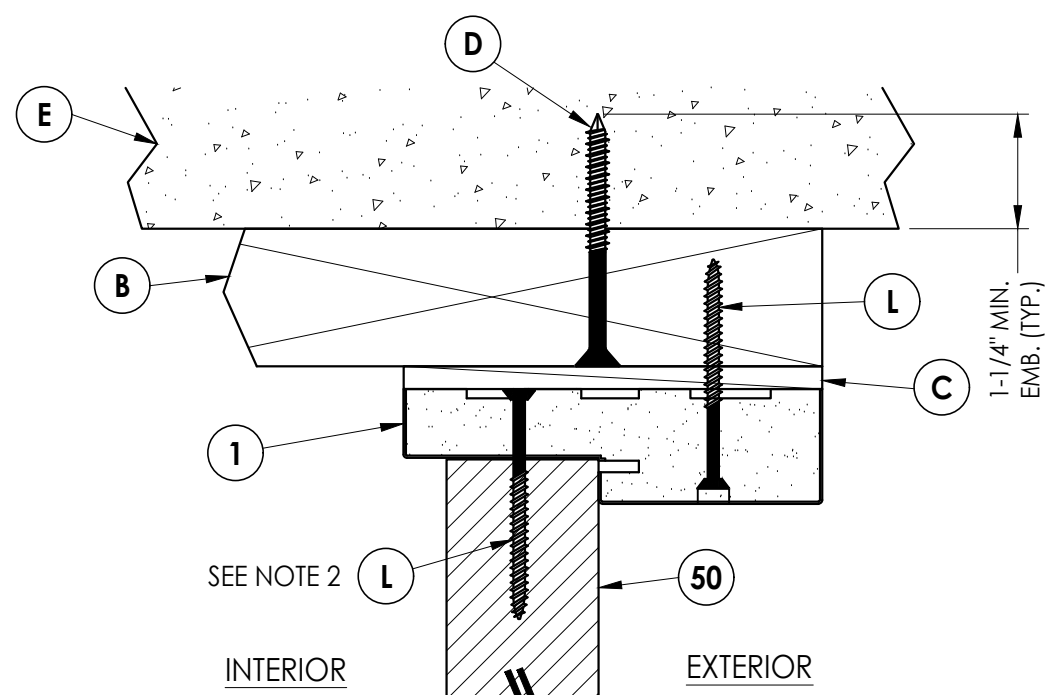
3 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)



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

6 HORIZONTAL CROSS SECTION

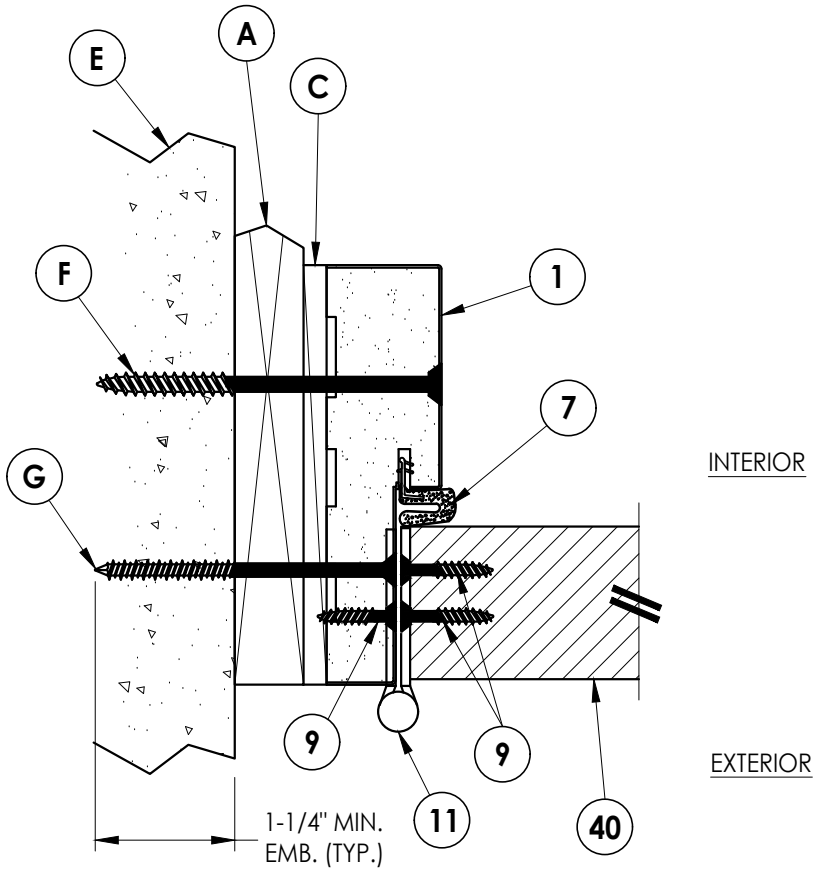
5 Inswing shown (Outswing similar)



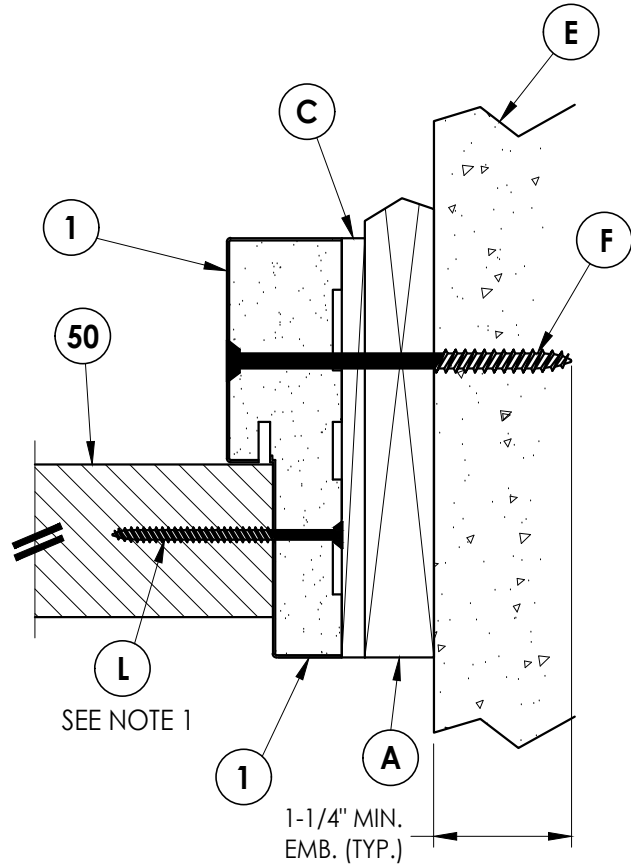
4 VERTICAL CROSS SECTION
5 Outswing shown (Inswing similar)

[illegible]

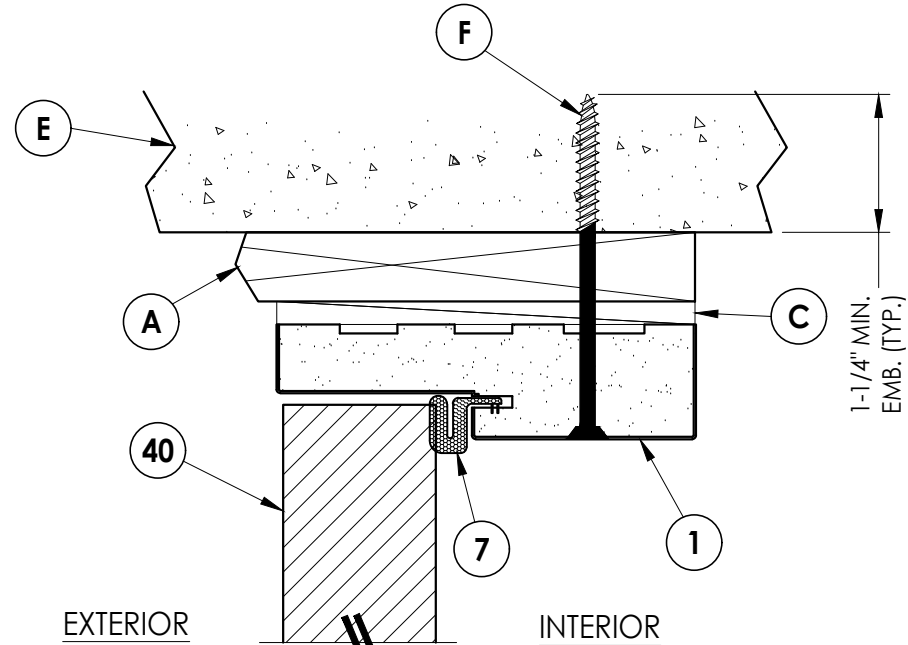
Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.4.dwg



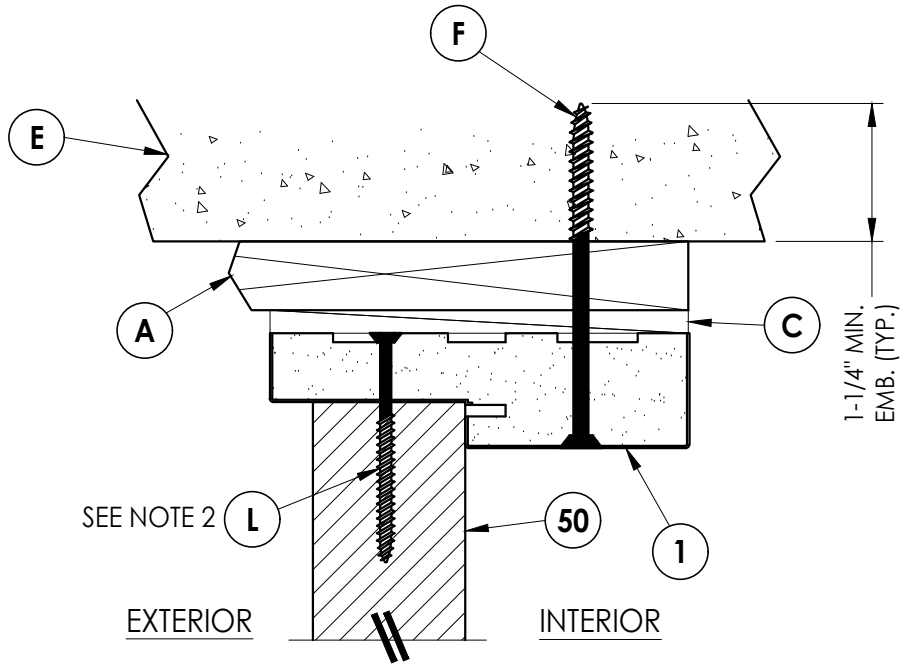
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
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.

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
WINCORE
FIBERGLASS ENTRY DOOR
"Impact"

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS			
		BY	LFS	FBC	DATE
4	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	10/14/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	7/14/20	REVISE ULT HURRICANE ASTRAGAL			LFS

DATE: 8/05/19

SCALE: N.T.S.

DWG. BY: RW

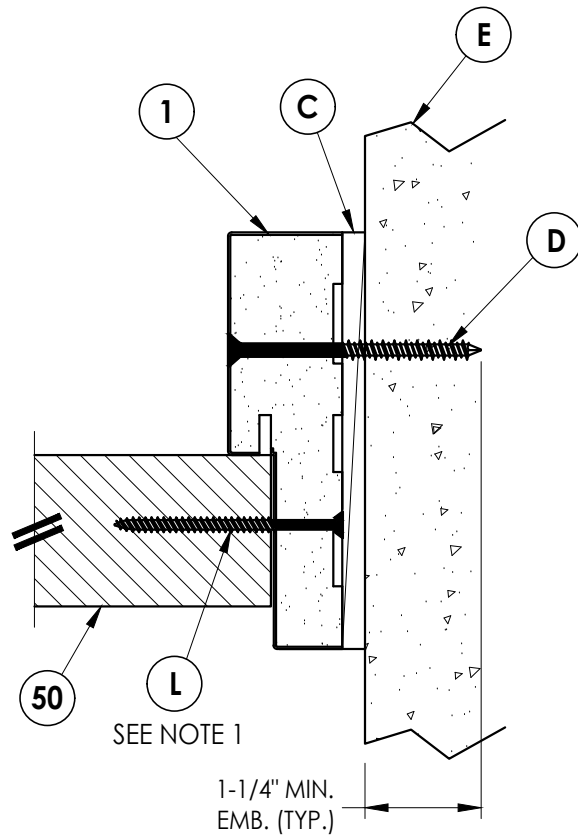
CHK. BY: LFS

DRAWING NO.:

FL-30037.4

SHEET 6 OF 12

EXTERIOR



1-1/4" MIN.
EMB. (TYP.)

D

E

C

SEE NOTE 2

L

50

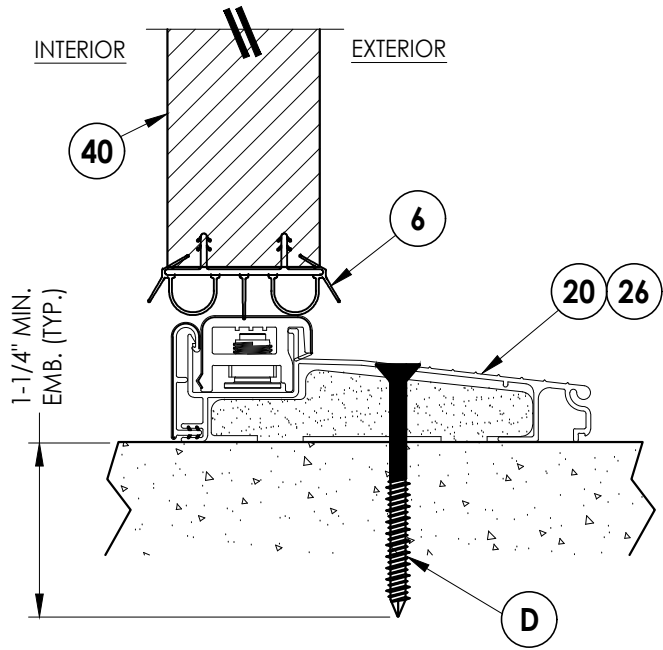
1

EXTERIOR

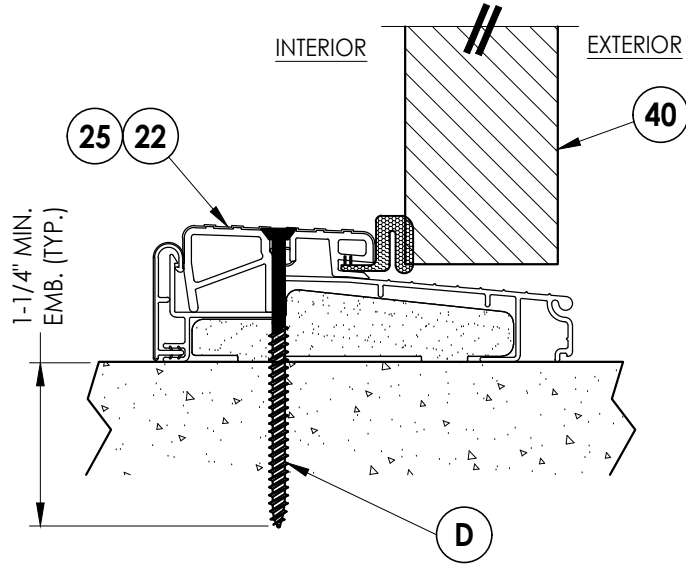
INTERIOR

© 2019 R.W. BUILDING CONSULTANTS INC.

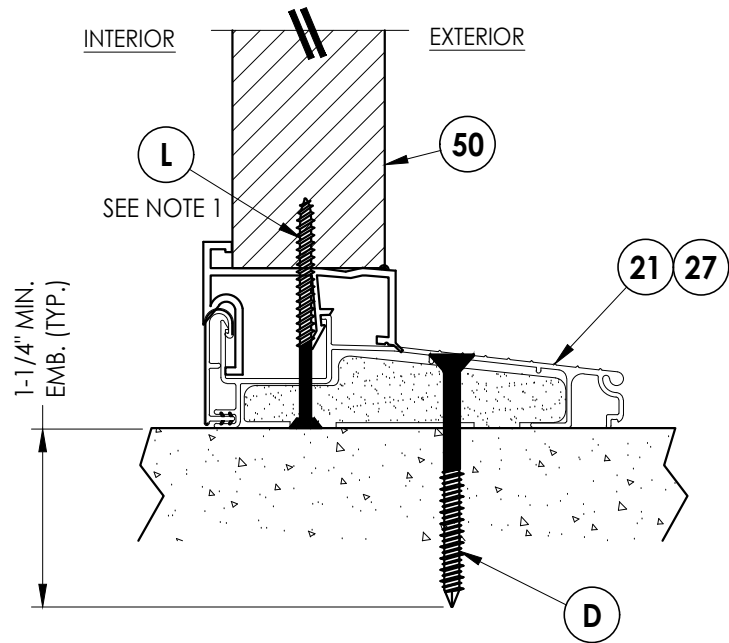
Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.4.dwg



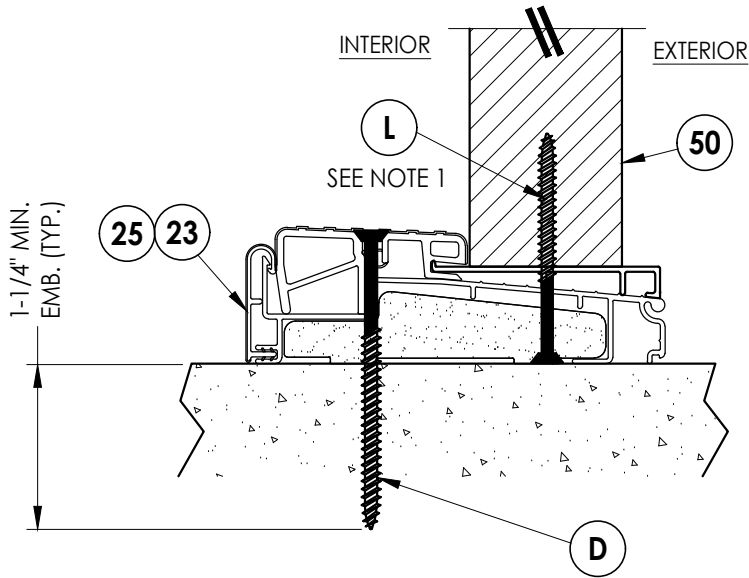
1
8 VERTICAL CROSS SECTION
Inswing sill



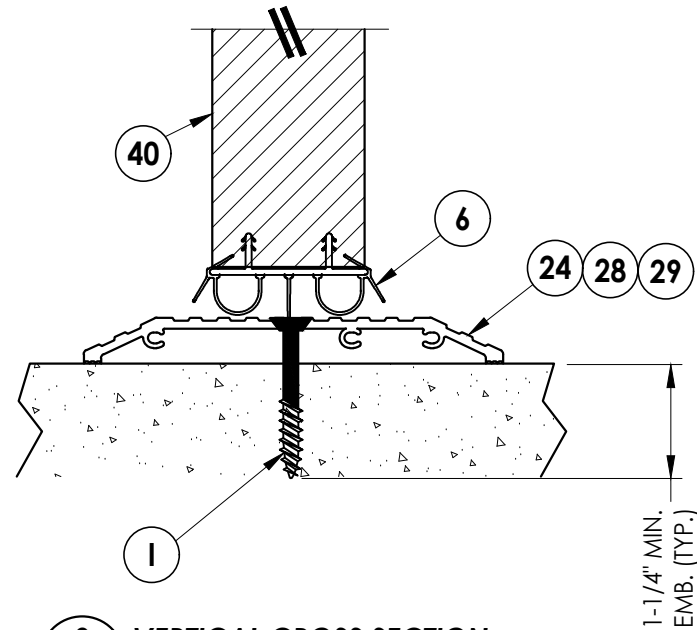
2
8 VERTICAL CROSS SECTION
Outswing sill



4
8 VERTICAL CROSS SECTION
Inswing sill



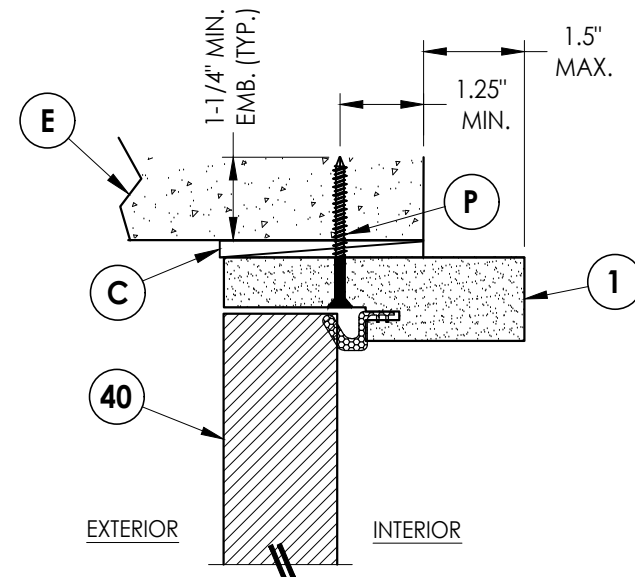
5
8 VERTICAL CROSS SECTION
Inswing sill



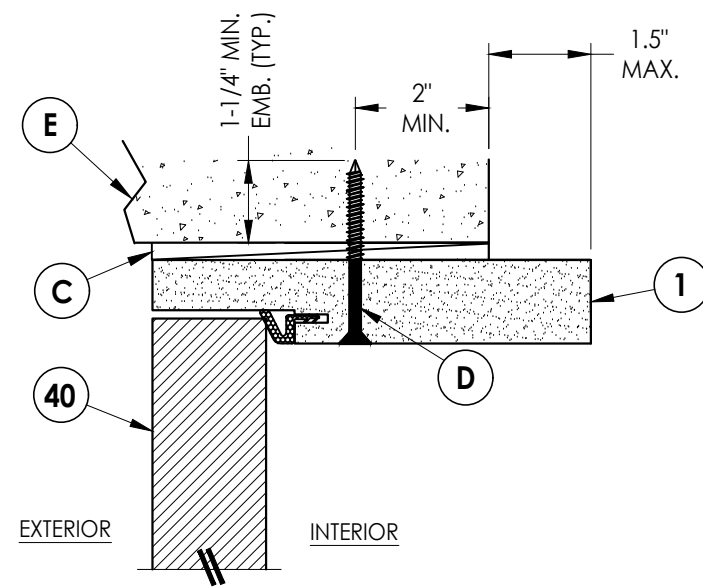
3
8 VERTICAL CROSS SECTION
ADA Sill

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.

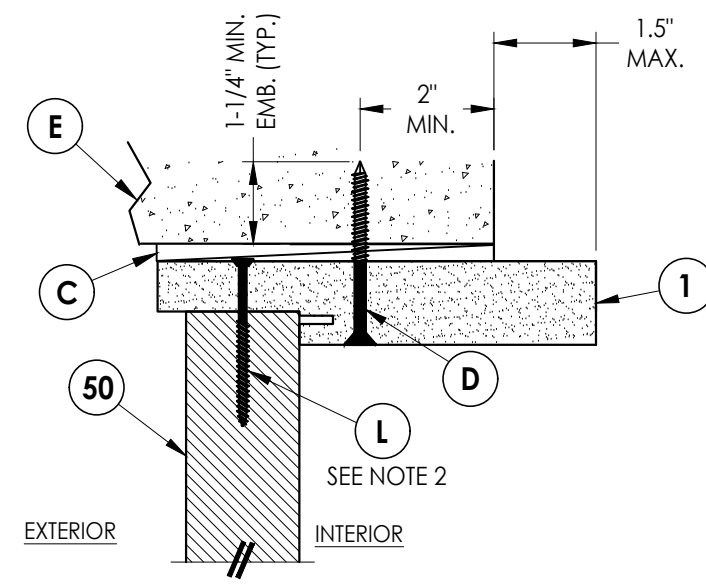
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: WINCORE FIBERGLASS ENTRY DOOR Impact		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
		LFS	BY
4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
2	10/14/20	UPDATE TO 7TH ED. (2020)	FBC
1	7/14/20	REVISE ULT HURRICANE ASTRAGAL	LFS
NO.	DATE	REVISIONS	
DATE: 8/05/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30037.4			
SHEET 8 OF 12			



4 **VERTICAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb
 Double Door Only (N/A w/ Sidelites)



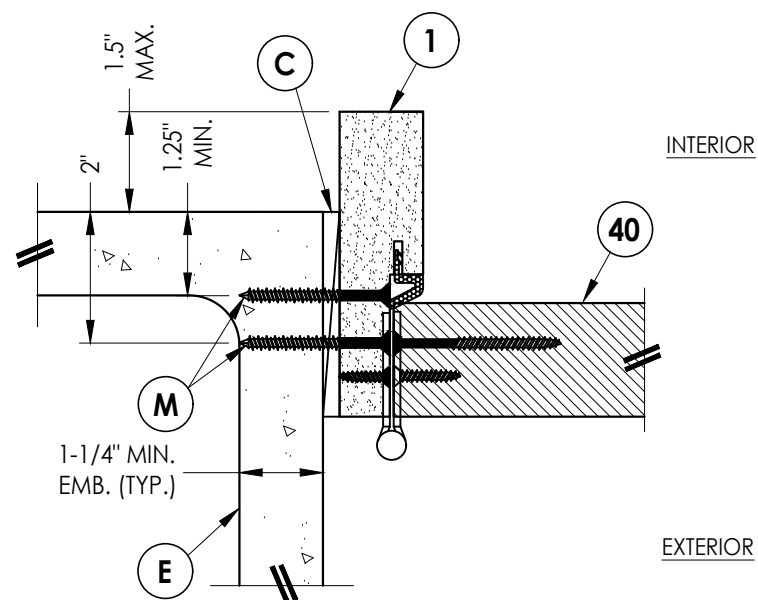
5 **VERTICAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



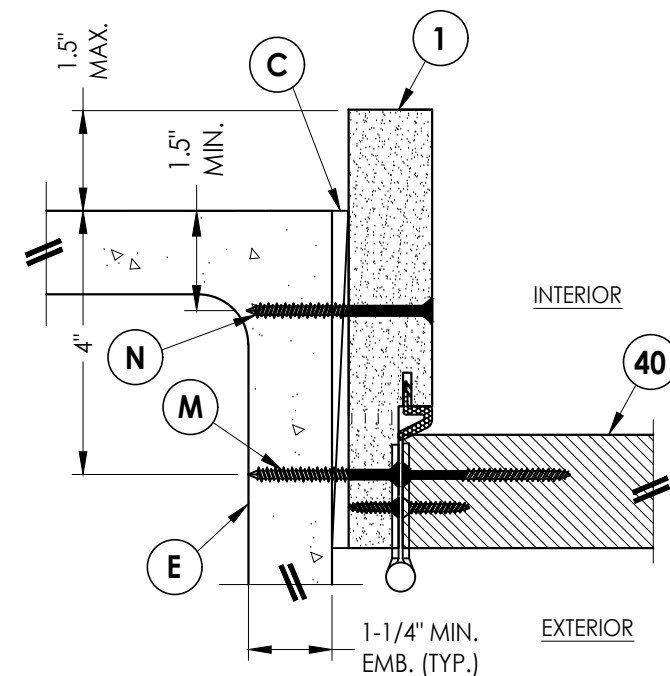
6 **VERTICAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

NOTES:

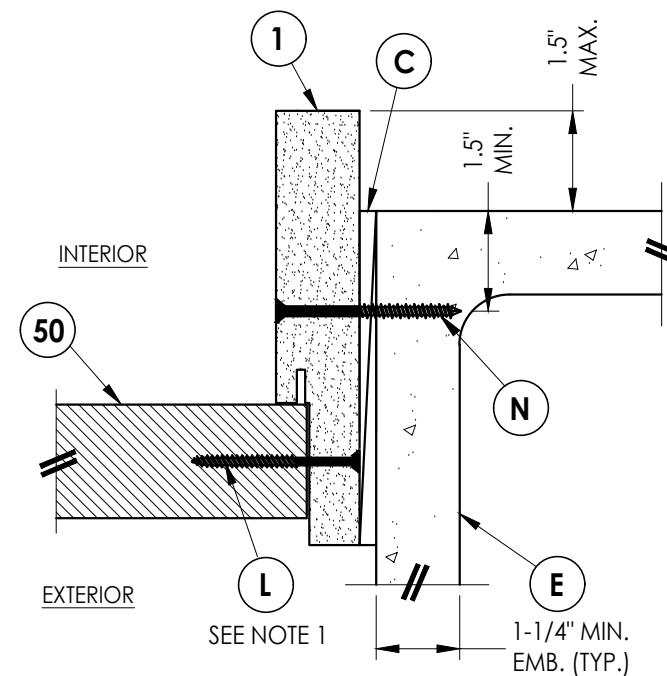
1. Sidelite assembly screws located 6" from top and bottom then 3 more equally spaced (5 total).
2. Spacing for item L: 3" from each end and @ center line (3 total).



1 **HORIZONTAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb
 Double Door Only (N/A w/ Sidelites)

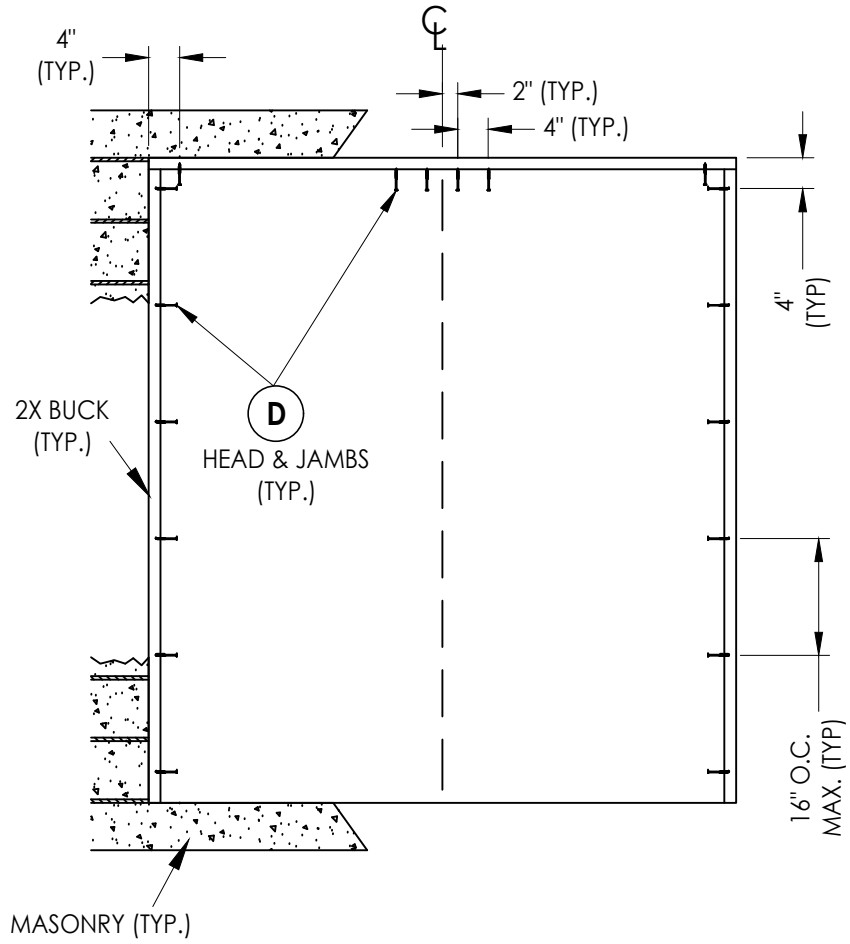


2 **HORIZONTAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

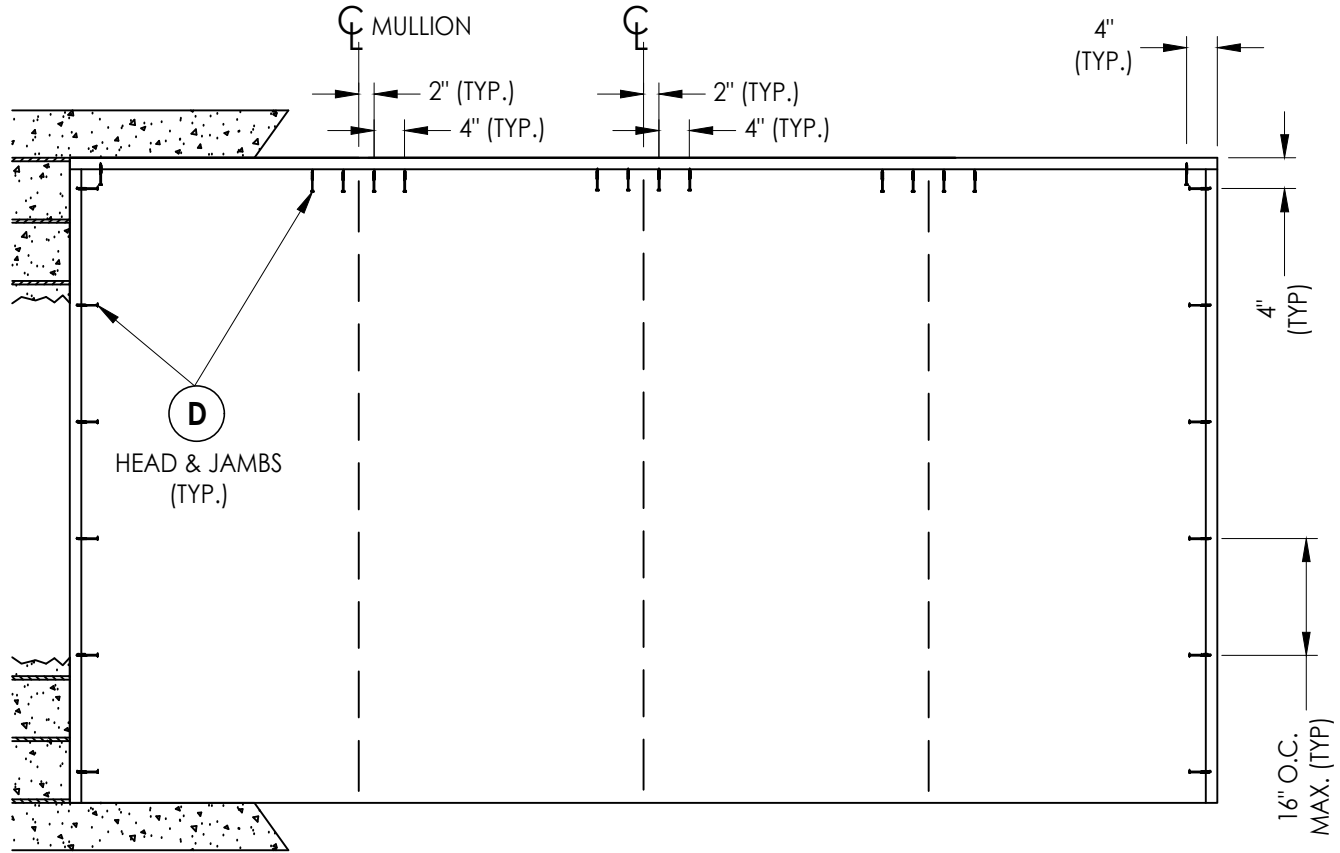


3 **HORIZONTAL CROSS SECTION**
9 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: WINCORE FIBERGLASS ENTRY DOOR <i>"Impact"</i>		PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	
4	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	10/14/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	7/14/20	REVISE ULT HURRICANE ASTRAGAL	LFS
NO.	DATE		
		REVISIONS	
DATE: 8/05/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30037.4			
SHEET	9	OF	12



XX



OXXO (Shown)
XXO, OOX (Similar)

2X BUCK ANCHORING

4	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
3	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
2	10/14/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	7/14/20	REVISE ULT HURRICANE	ASTRAGAL		LFS
NO	DATE				BY
					REVISIONS

DATE: 8/05/19

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: *LFS*

DRAWING NO.:

FL-30037.4

SHEET 10 OF 12

STREET: 100 ST. 12

PRODUCT:

WINCORE
FIBERGLASS ENTRY DOOR
"Impact"

PART OR ASSEMBLY:

BUCK ANCHORING

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^gW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.4.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
R	#8 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP.
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
8	WEATHERSTRIP (Q-LON)	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	-

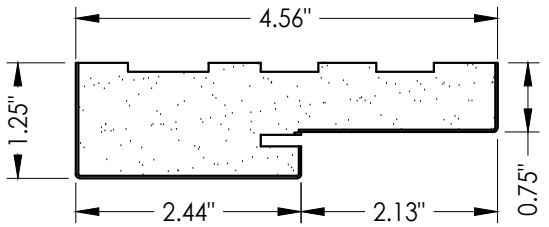
CONCRETE ANCHOR NOTES:

- 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:

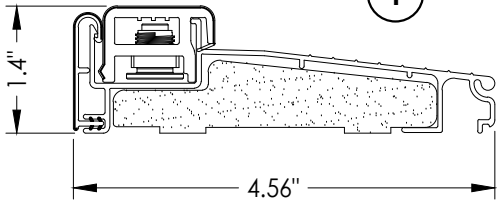
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

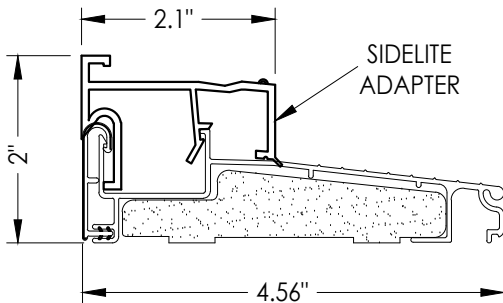
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



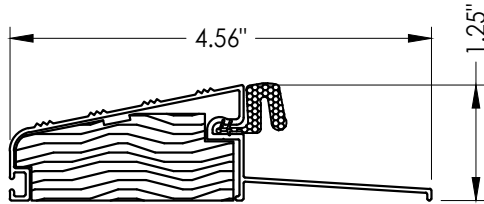
1 POLY FIBER JAMB



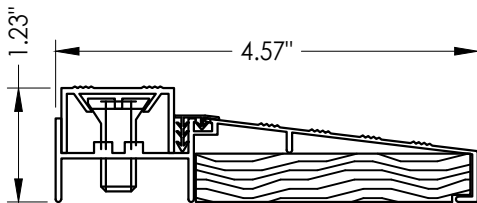
20 INSWING THRESHOLD
Endura (Z-Series)



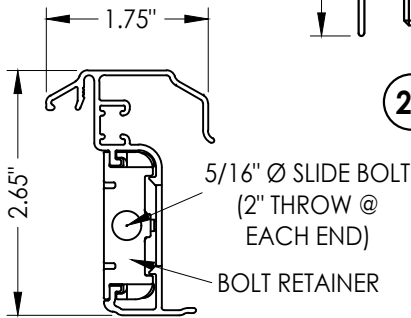
21 INSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)



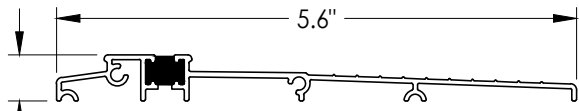
25 OUTSWING THRESHOLD
DLP



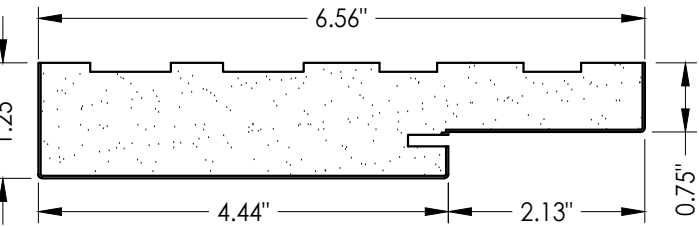
26 INSWING THRESHOLD
DLP



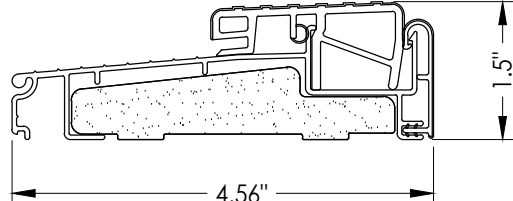
33 ENDURA ASTRAGAL
Ultimate Hurricane
Ultimate Trilennium



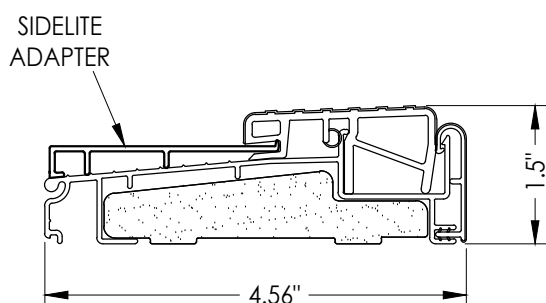
28 INSWING ADA THRESHOLD
Endura (Z-Series)



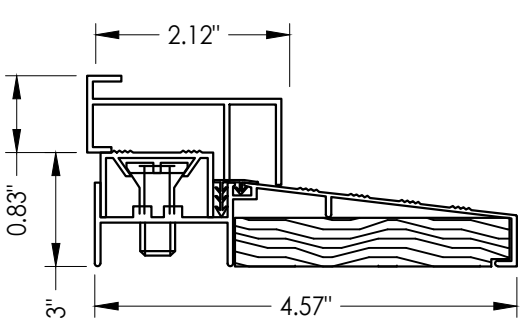
22 OUTSWING THRESHOLD



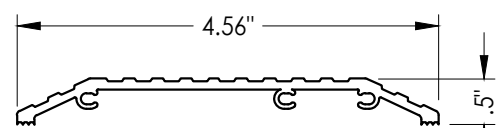
22 OUTSWING THRESHOLD
Endura (Z-Series)



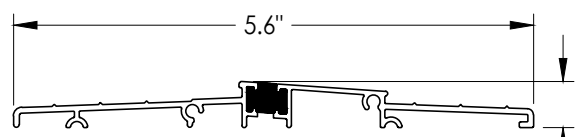
23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)



27 INSWING THRESHOLD w/ SIDELITE ADAPTER
DLP



24 ADA THRESHOLD
DLP



29 OUTSWING ADA THRESHOLD
Endura (Z-Series)

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: WINCORE
FIBERGLASS ENTRY DOOR
"Impact"

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

		LFS	FBC	LFS	FBC	LFS	FBC	LFS	ASTRAGAL	BY
4	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC						
3	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC						
2	10/14/20	UPDATE TO 7TH ED.	(2020)	FBC						
1	7/14/20	REVISE ULT HURRICANE		ASTRAGAL						
		NO.	DATE							
										REVISIONS

DATE: 8/05/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30037.4

SHEET 12 OF 12