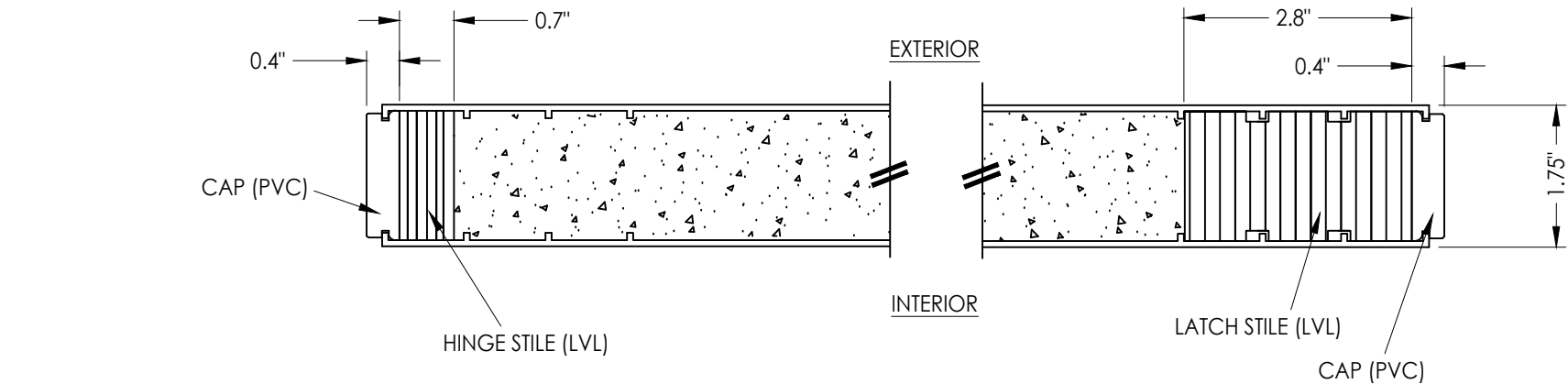
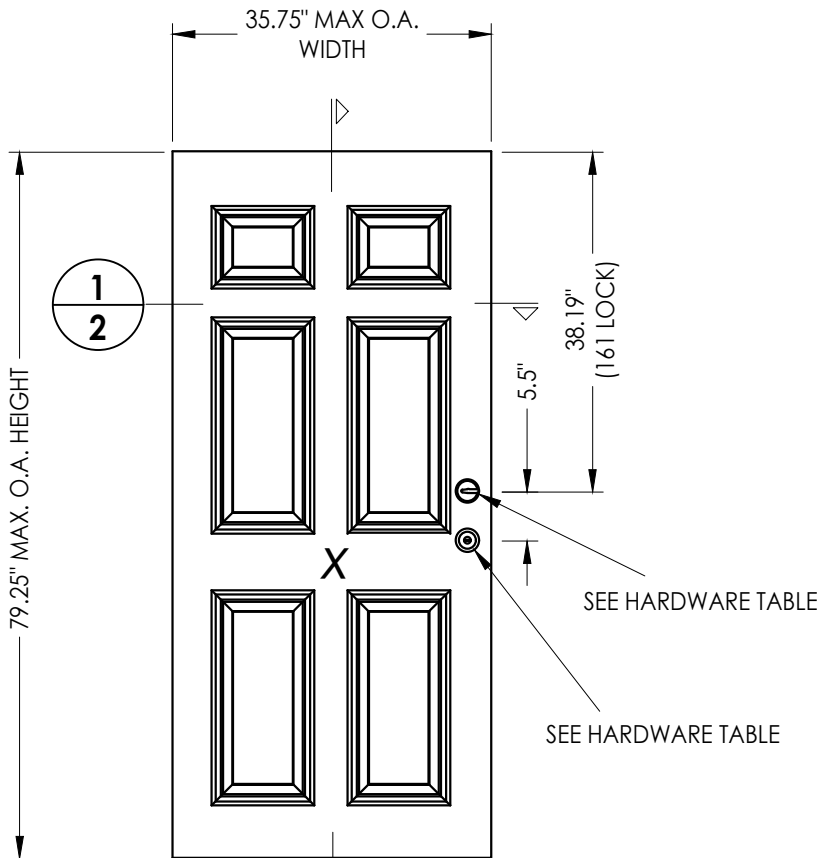


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1
2 **HORIZONTAL CROSS SECTION**

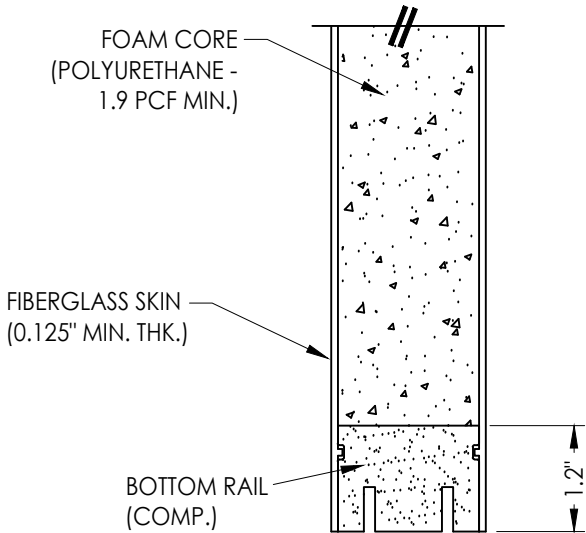
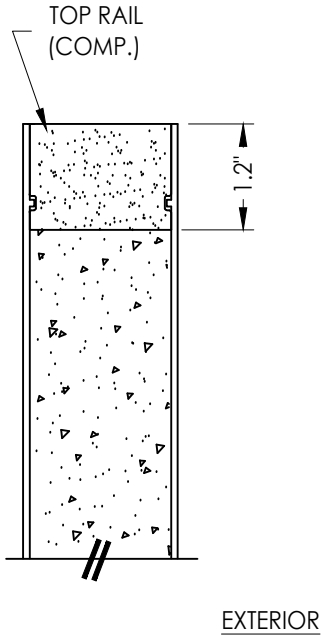


2
2
40 DOOR PANEL
Plastpro Fiberglass

FIBERGLASS SKIN: 0.125" MIN. THK. (MIN. Fy = 11,860 PSI)

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	Knob:	SIGNATURE SERIES	± 70
	DEADBOLT:	SIGNATURE SERIES (980)	
SCHLAGE	Knob:	"F" SERIES (F51)	± 70
	DEADBOLT:	"B" SERIES (B60/62)	
PAMEX	Lever:	FL3B SERIES	± 70
	DEADBOLT:	FD7 SERIES	
HOPPE	MULTI-POINT LOCK:	HLS9000 (3-POINT TONGUE)	± 50
ENDURA	MULTI-POINT LOCK:	TRILENNIUM "3000" SERIES	± 70

See Sheets 8 & 9 for multi-point lock details.



2
2 **VERTICAL CROSS SECTION**

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

PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 05/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15631.2

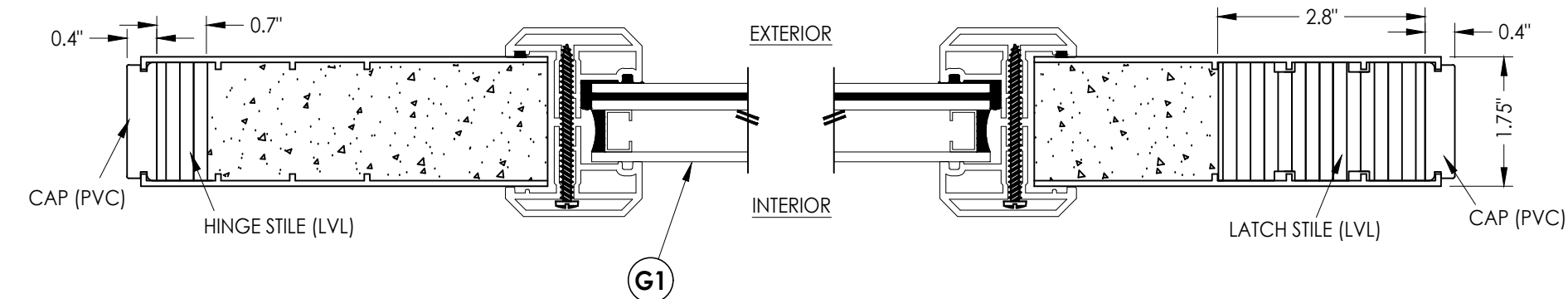
SHEET 2 OF 12

REVISIONS

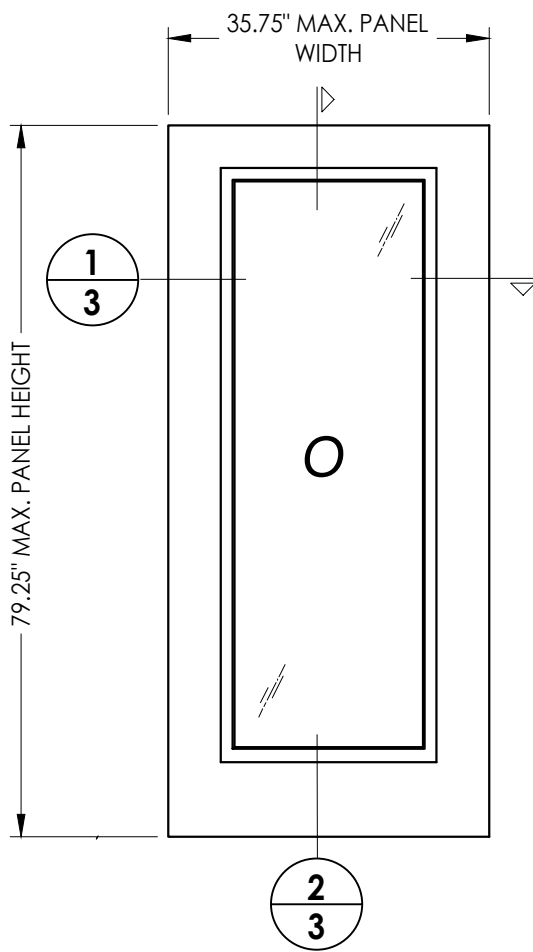
NO.	DATE	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	7/06/20	& REVISE LITE FRAME UPDATE TO 7TH ED. (2020) FBC

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

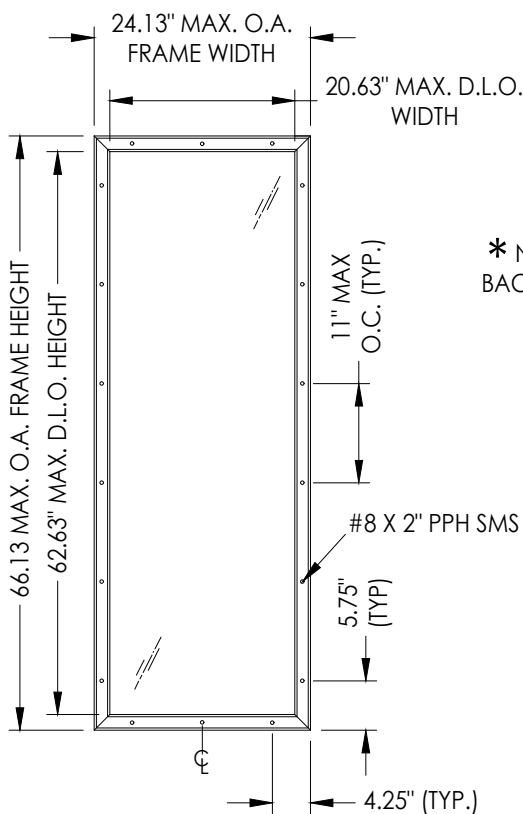
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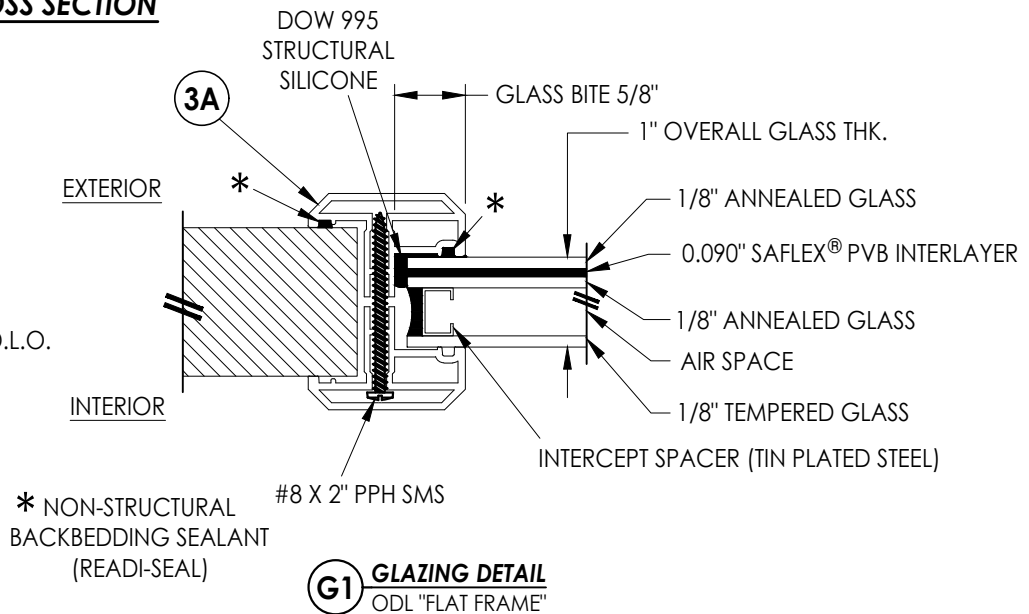
1
3 HORIZONTAL CROSS SECTION



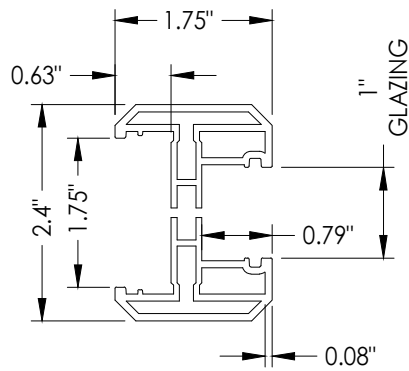
50 PLASTPRO SIDELITE PANEL



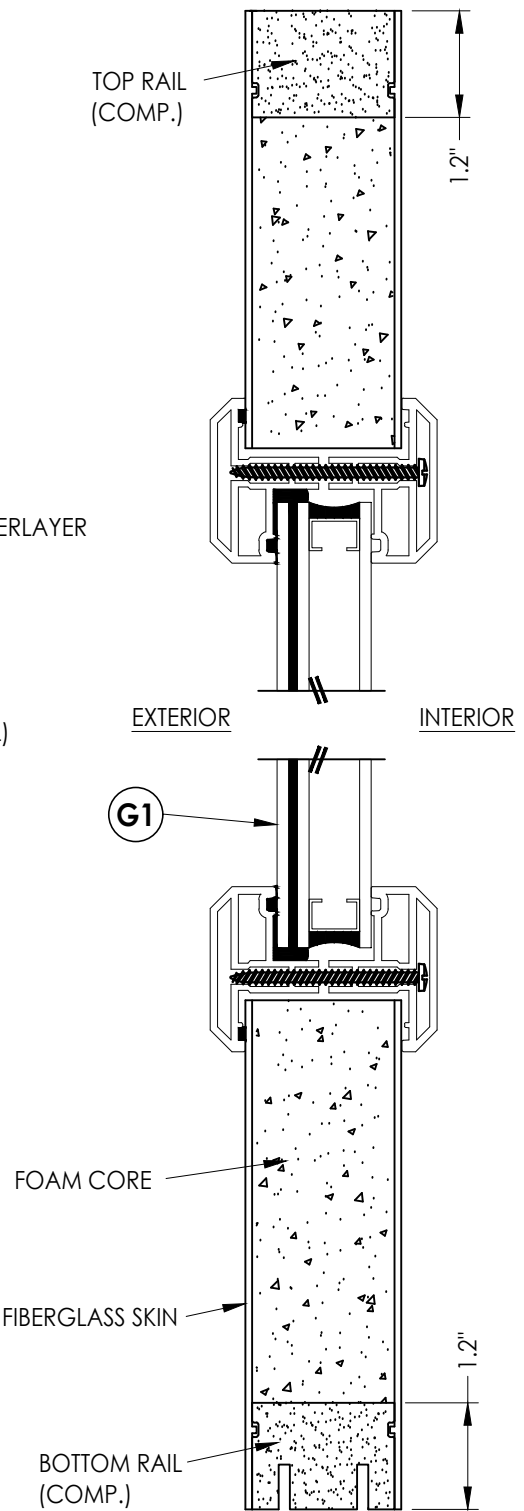
ODL LITE FRAME DETAIL
"FLAT FRAME" PROFILE



G1 GLAZING DETAIL
ODL "FLAT FRAME"



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

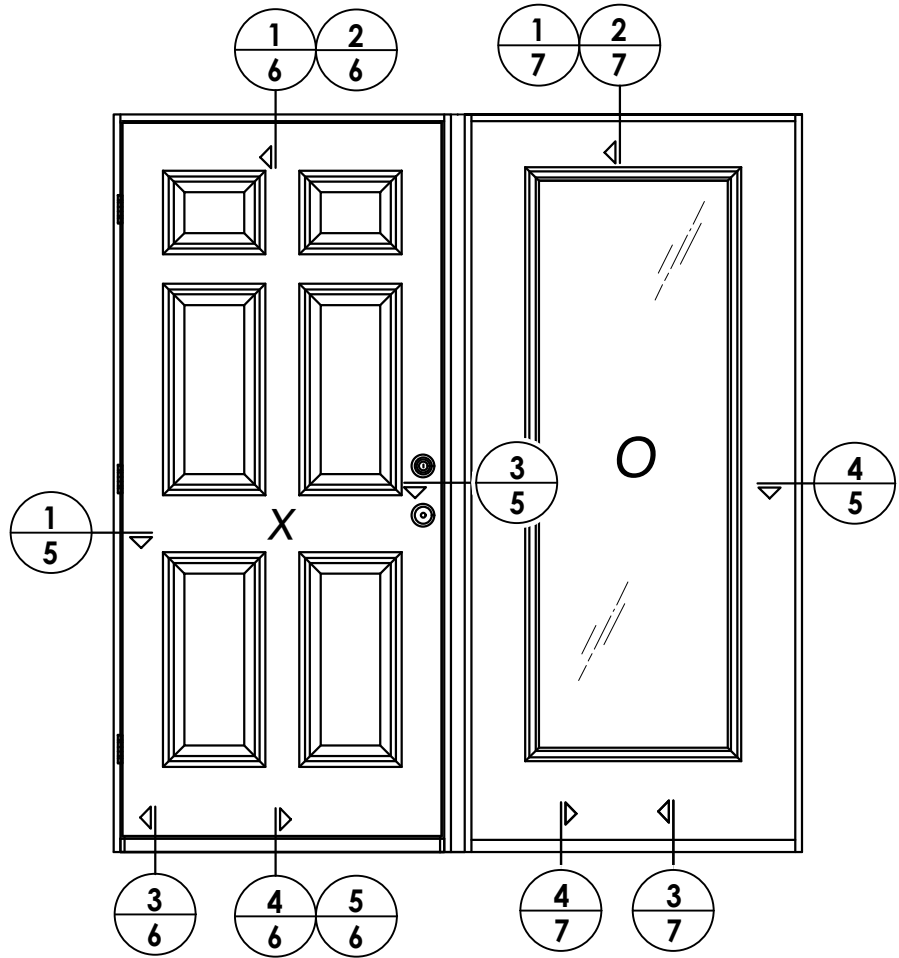


2
3 VERTICAL CROSS SECTION

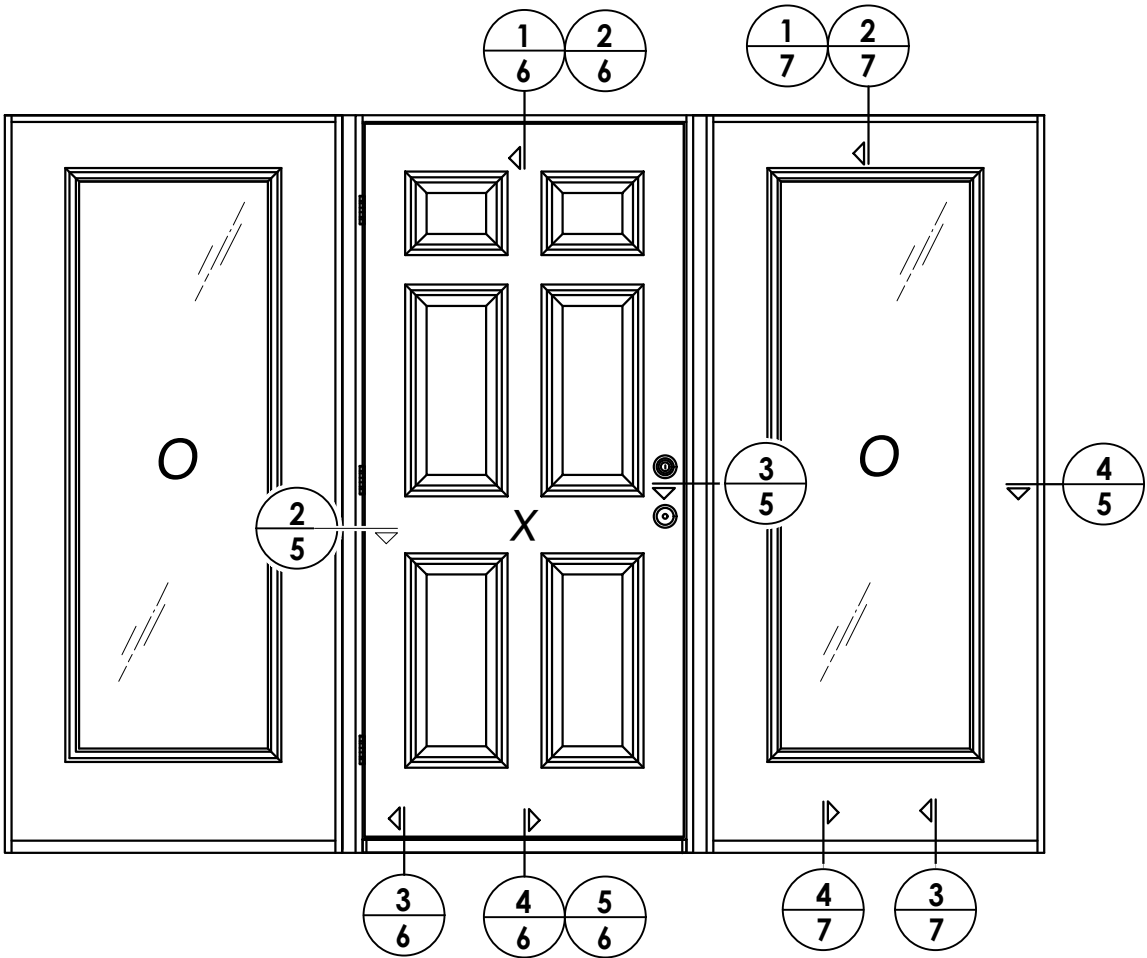
FIBERGLASS SKIN: 0.125" MIN. THK. (MIN. Fy = 11,860 PSI)
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

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 DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS
	LFS	FBC	
	5	10/14/26	UPDATE TO 9TH ED. (2026)
	4	7/06/23	UPDATE TO 8TH ED. (2023)
			& REVISE LITE FRAME
	3	7/06/20	UPDATE TO 7TH ED. (2020)
	NO.	DATE	
REVISIONS			
DATE: 05/10/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15631.2			
SHEET 3 OF 12			

Z:\2023 FBC Drawings\Wincore Window Company\FL-15631 R6\FL-15631.2.5.dwg



ELEVATION (XO - OX)



ELEVATION (OXO)

DATE: 05/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15631.2
SHEET 4 OF 12

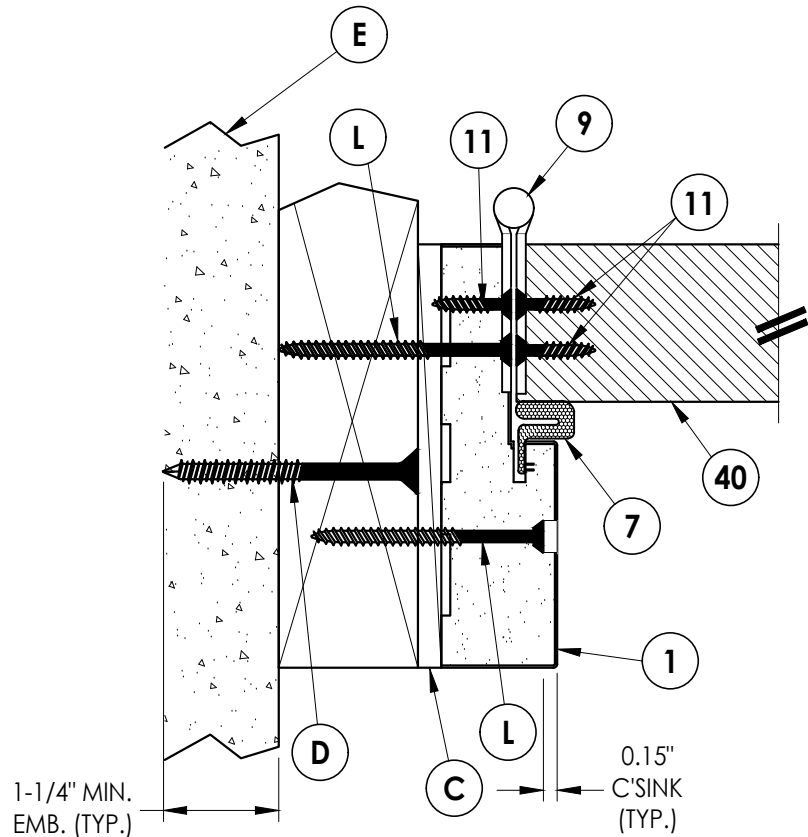
NO.	DATE	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/06/20	& REVISE LITE FRAME UPDATE TO 7TH ED. (2020) FBC LFS
		BY

PRODUCT:	WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

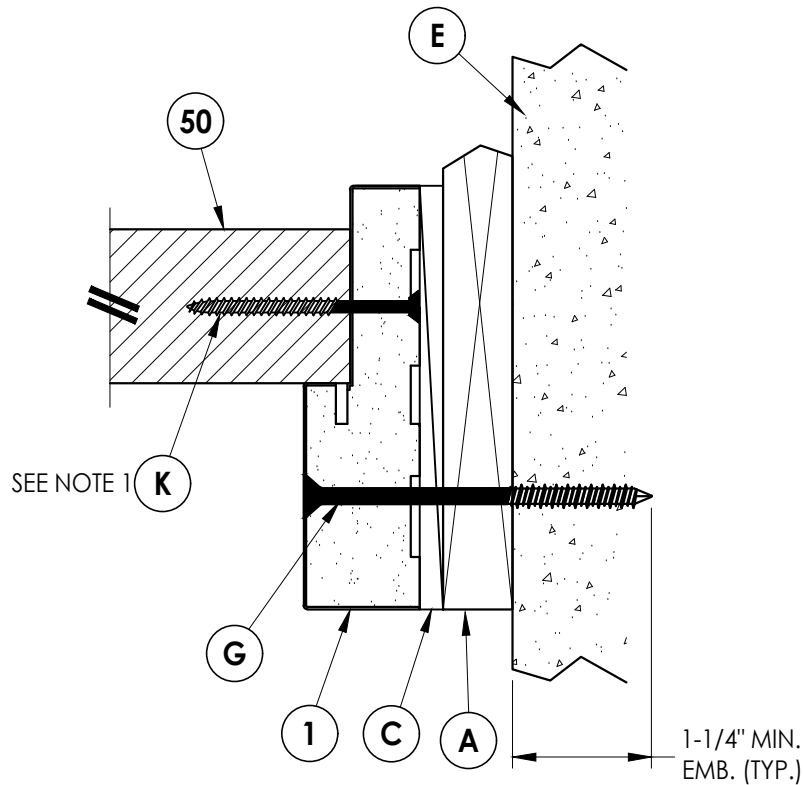
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

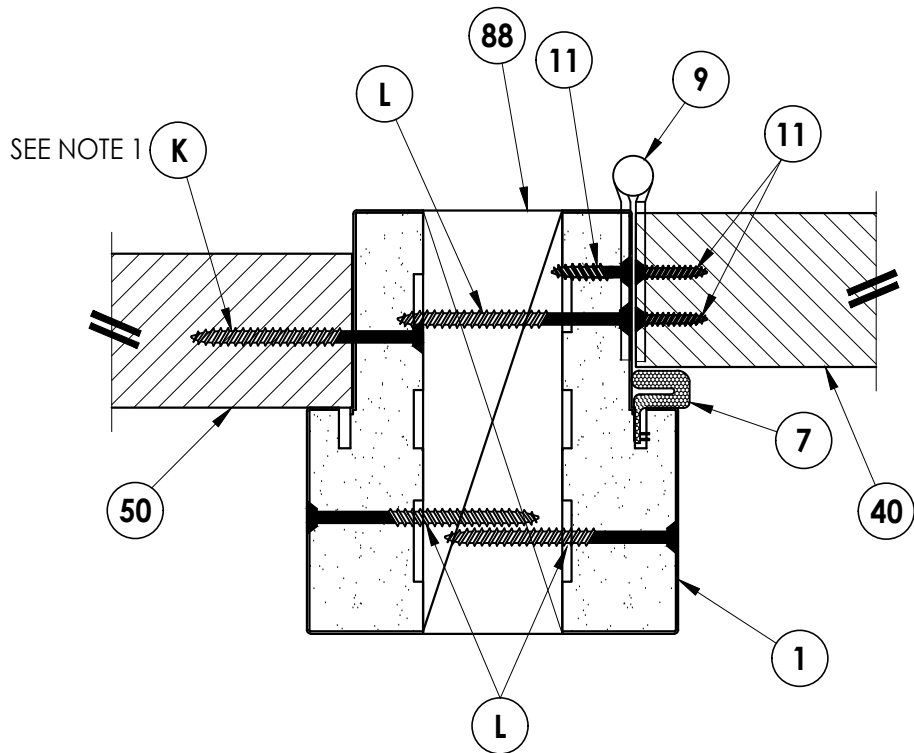
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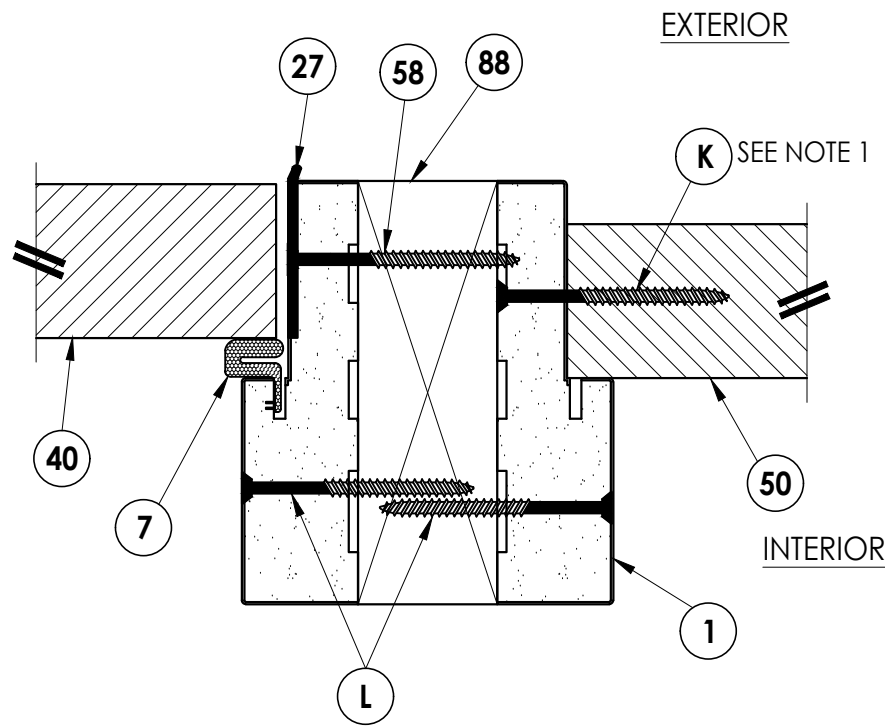
1 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved



4 **HORIZONTAL CROSS SECTION**
5 Shown w/1X sub-buck



2 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved



3 **HORIZONTAL CROSS SECTION**
5 Outswing shown - Inswing also approved

NOTE:
1. Spacing for item K: 6" from ends
and 7 more equally spaced along
sidelite (9 total).

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

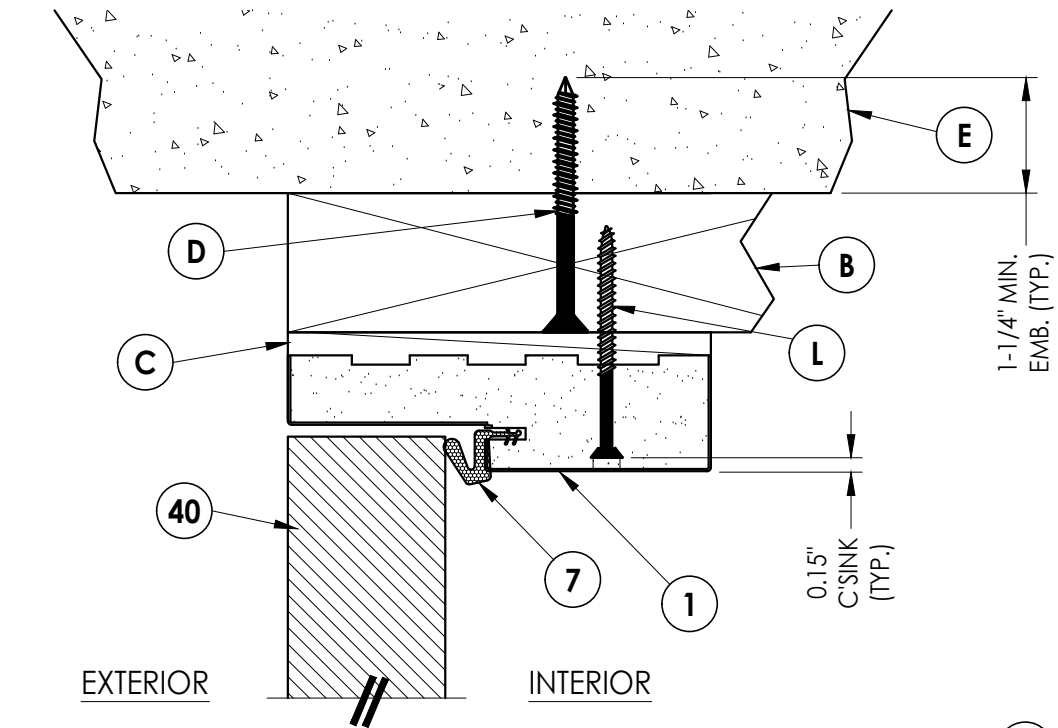
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

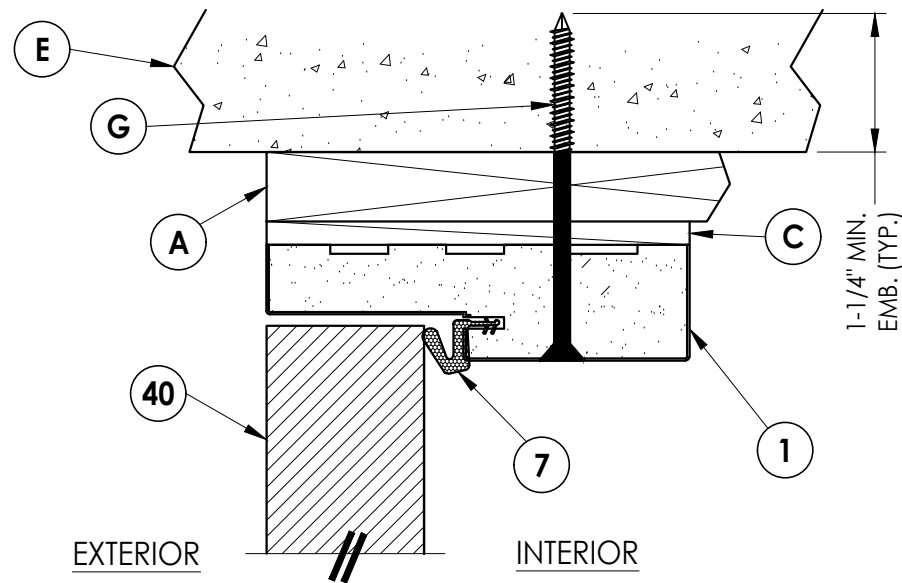
NO.	DATE	BY	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
		& REVISE LITE FRAME	
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS
			BY

DATE: 05/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15631.2
SHEET 5 OF 12

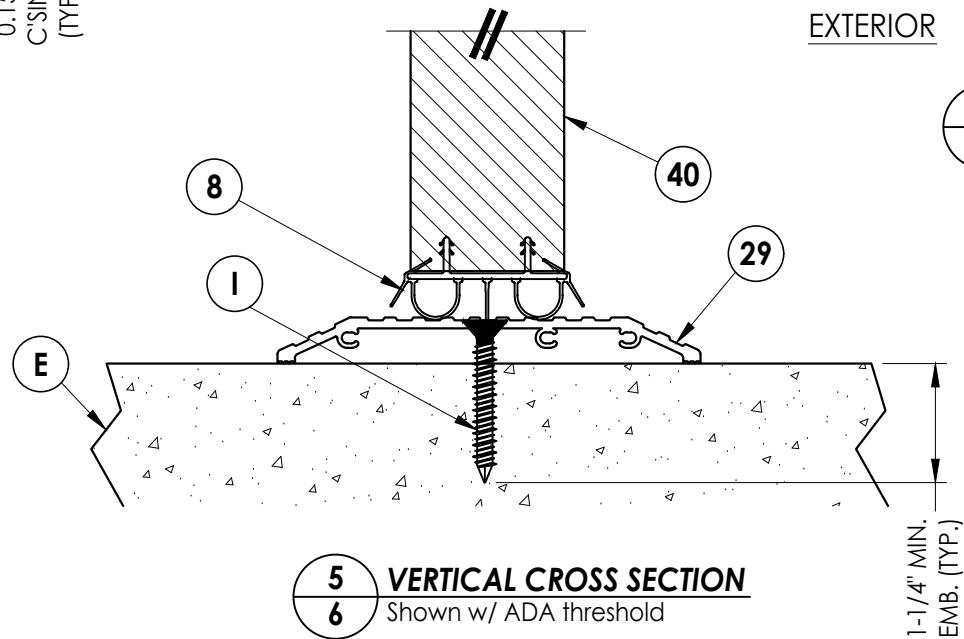
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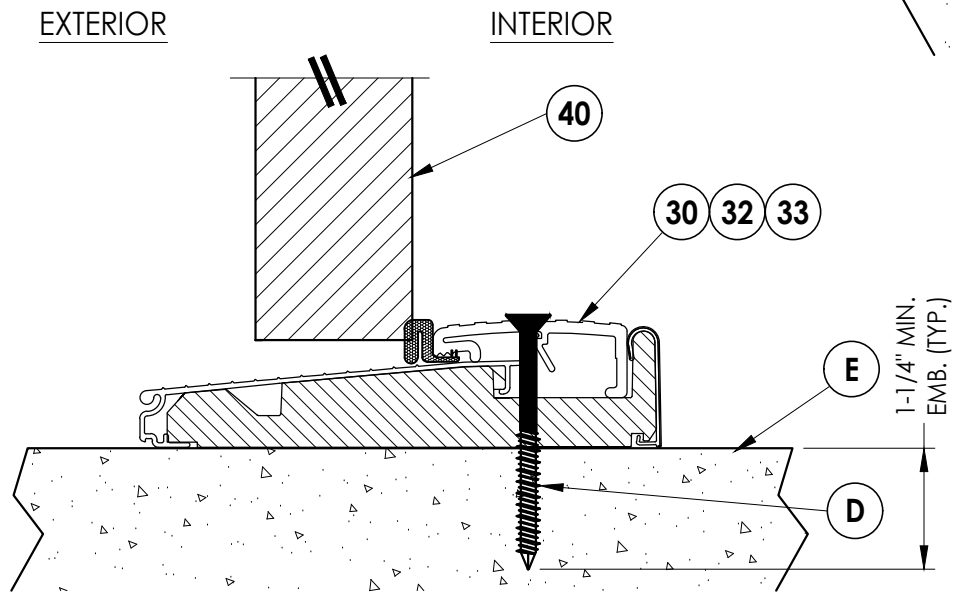
1 VERTICAL CROSS SECTION
6 Outswing shown - Inswing also approved



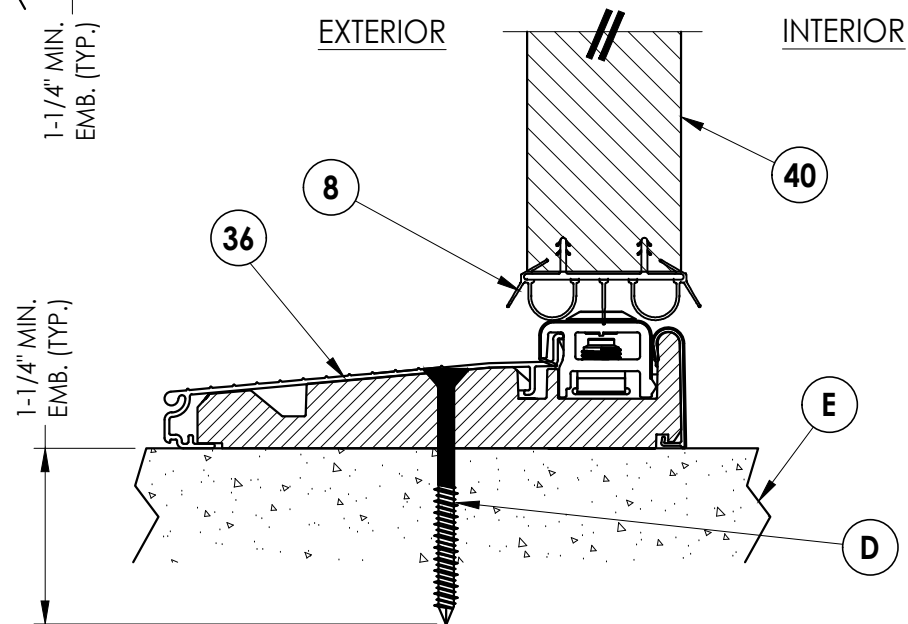
2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck



5 VERTICAL CROSS SECTION
6 Shown w/ ADA threshold



3 VERTICAL CROSS SECTION
6 Outswing configuration



4 VERTICAL CROSS SECTION
6 Inswing configuration

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 DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
		& REVISE LITE FRAME
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 05/10/12

SCALE: N.T.S.

DWG. BY: JK

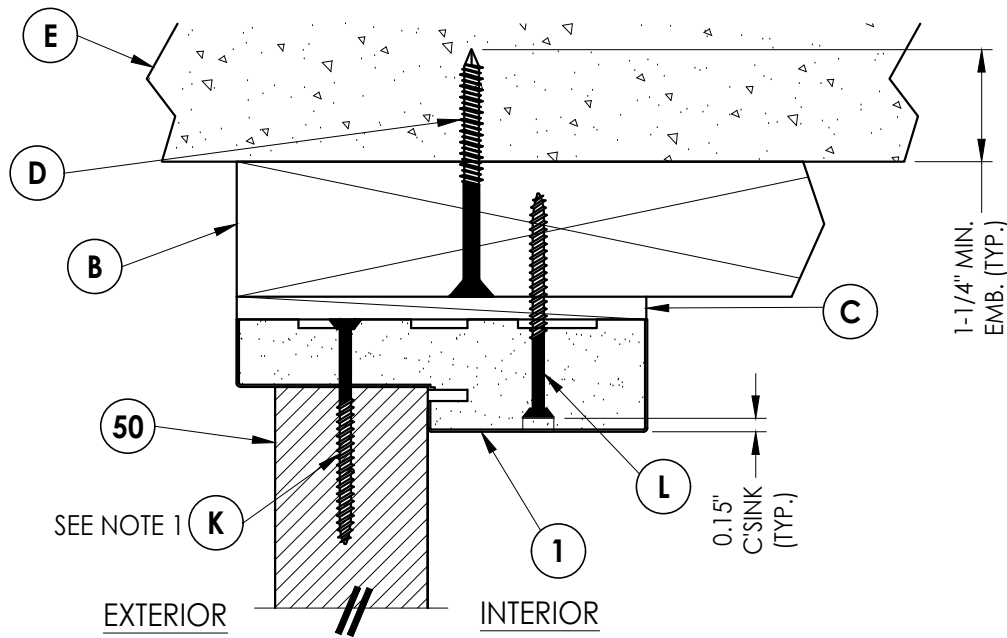
CHK. BY: LFS

DRAWING NO.:

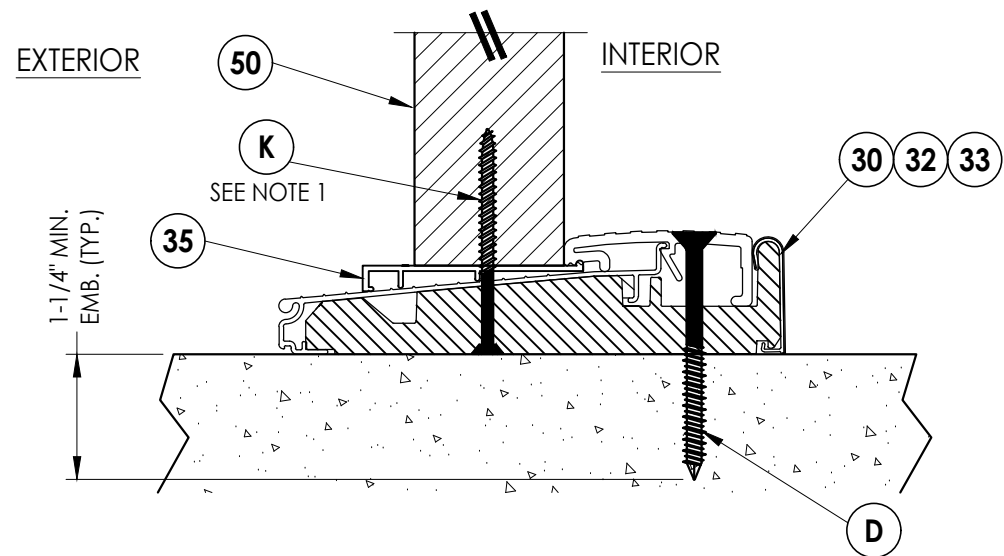
FL-15631.2

SHEET 6 OF 12

Z:\2023 FBC Drawings\Wincore Window Company\FL-15631 R6\FL-15631.2.5.dwg



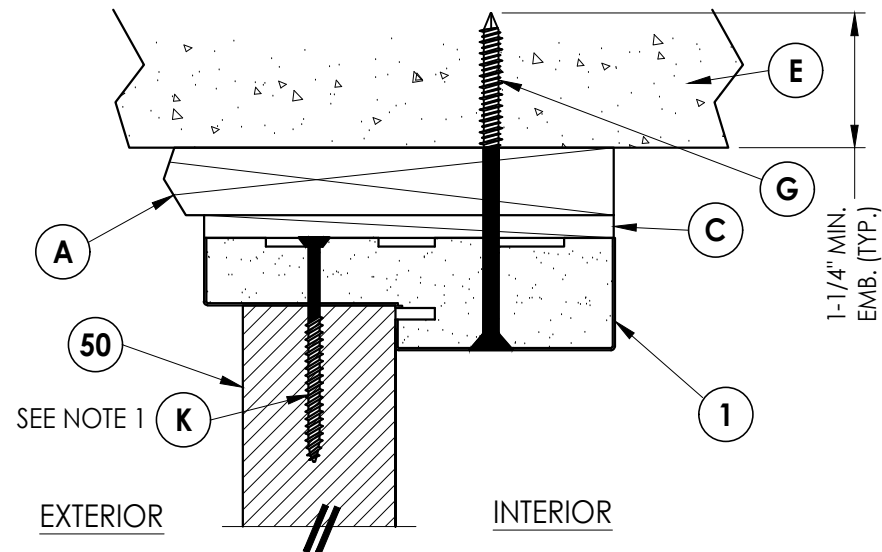
1
7 **VERTICAL CROSS SECTION**
Outswing shown - Inswing also approved



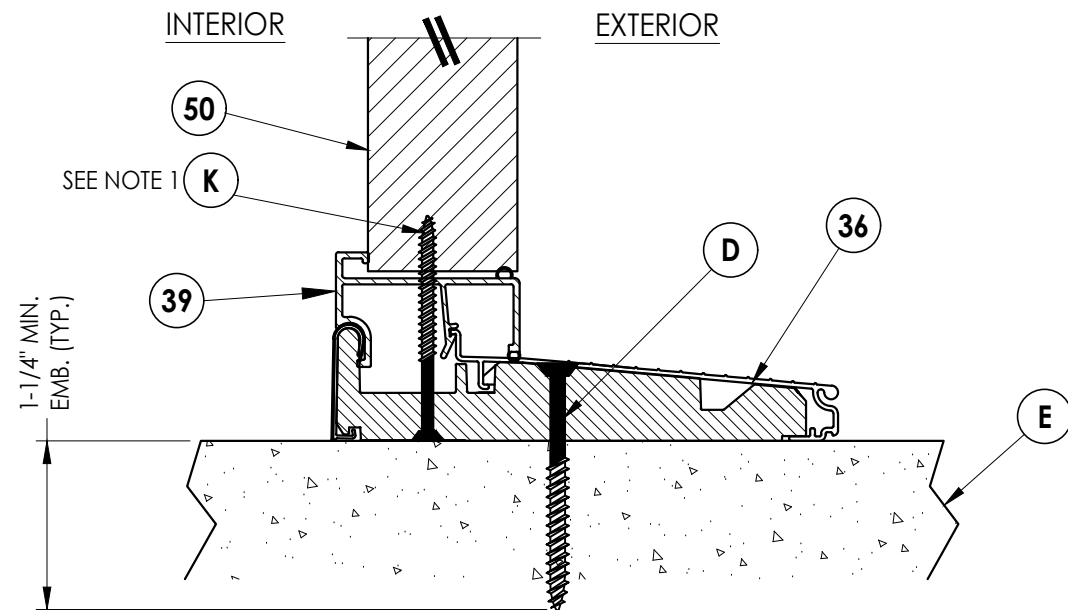
3
7 **VERTICAL CROSS SECTION**
Outswing shown

NOTE

1. Spacing for item K:
6" from each end
and at centerline.



2
7 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck



4
7 **VERTICAL CROSS SECTION**
Inswing shown

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

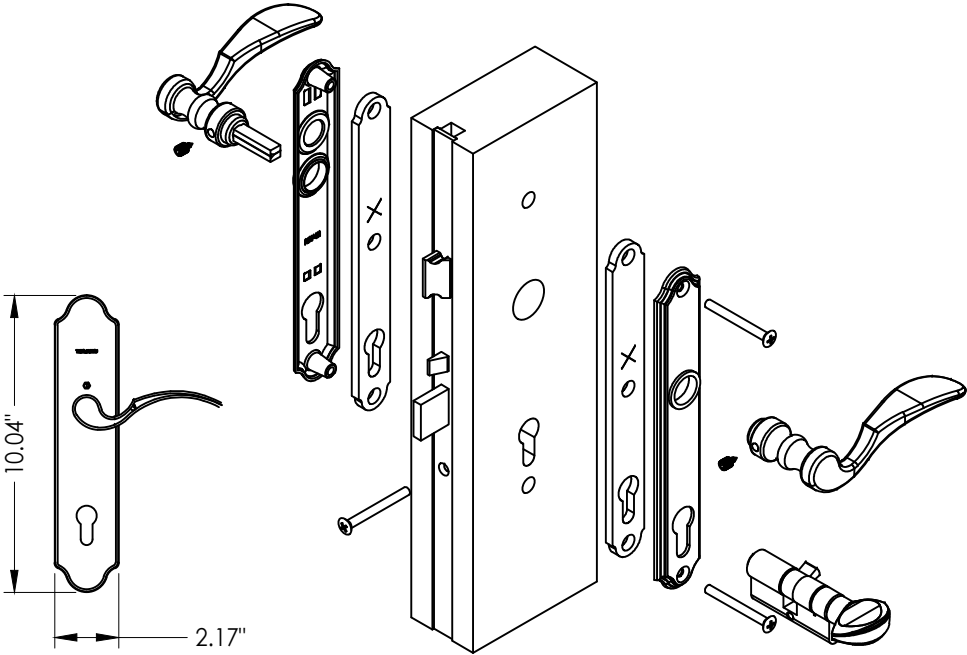
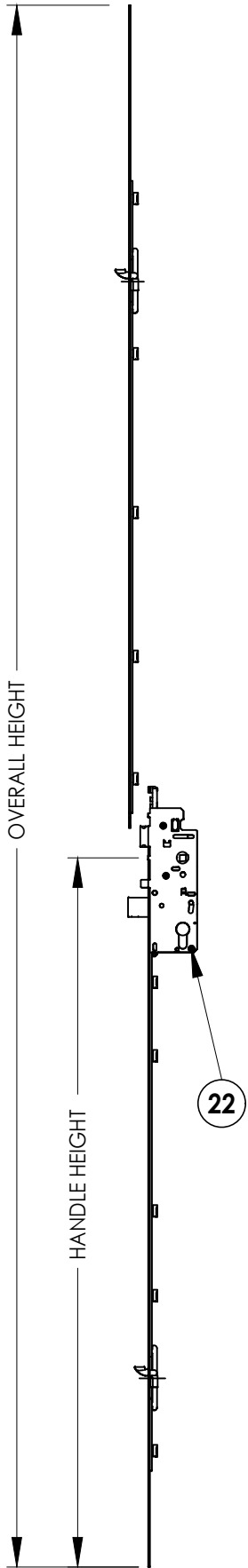
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

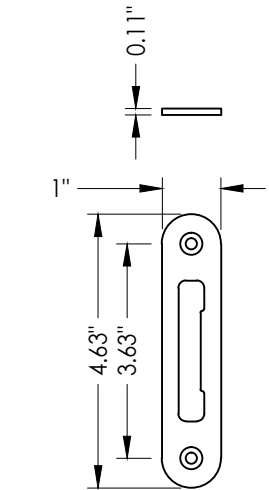
NO.	DATE	REVISIONS
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4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/06/20	UPDATE TO 6TH ED. (2020) FBC LFS
1	7/06/20	UPDATE TO 5TH ED. (2020) FBC LFS

DATE: 05/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15631.2
SHEET 7 OF 12

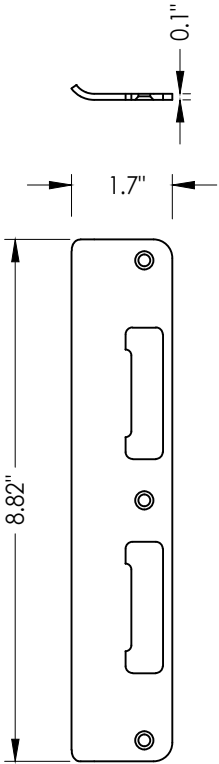
MANUAL RAISED TONGUE GEAR SYSTEM



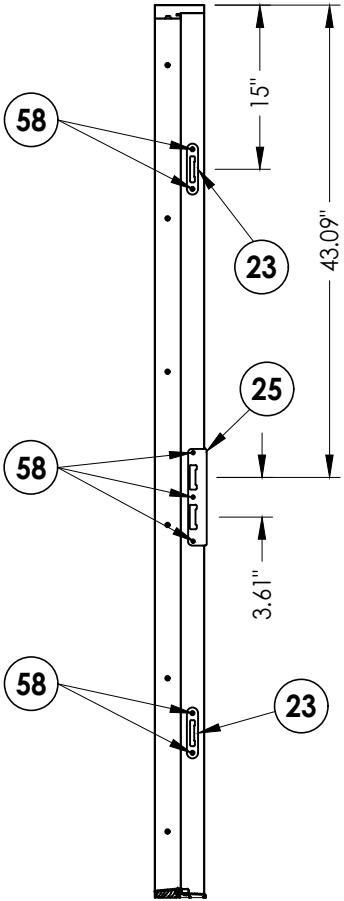
22 HOPPE MULTI-POINT LOCKSET
HLS9000 (3-Point "Tongue")



23 MULTI-POINT STRIKE PLATE



25 LATCH AND DEADBOLT STRIKE PLATE
Tongue system



STRIKE JAMB

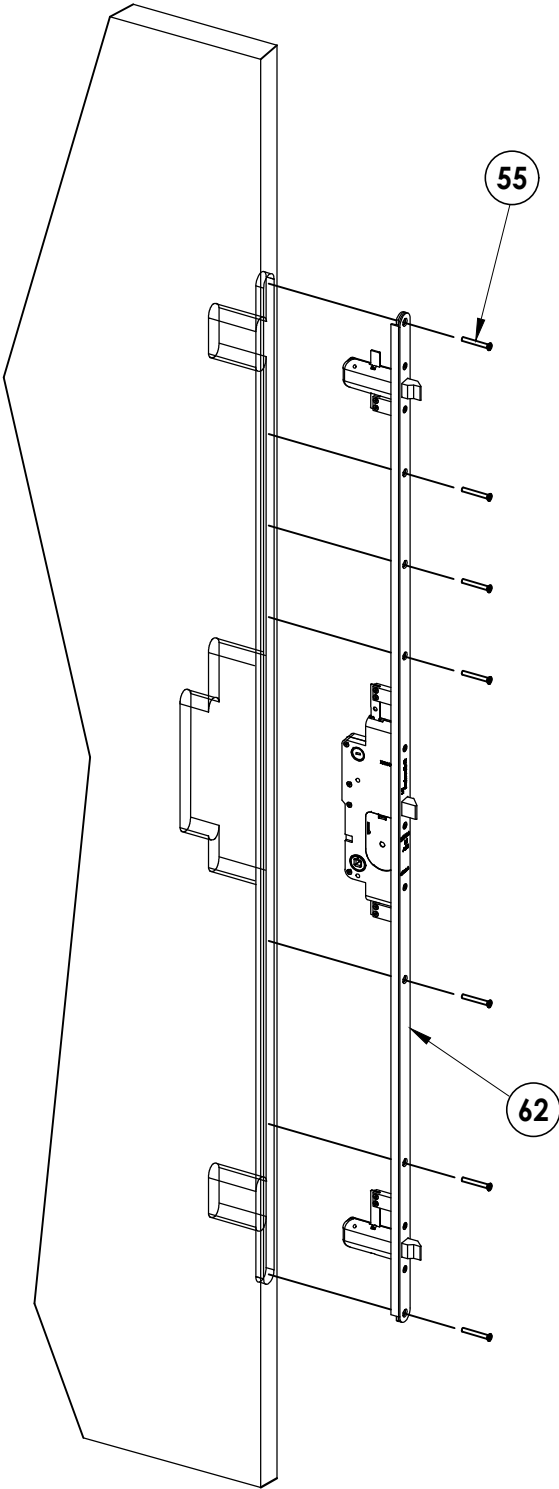
DATE:	05/10/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15631.2
SHEET	8 OF 12

NO.	DATE	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
		& REVISE LITE FRAME
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

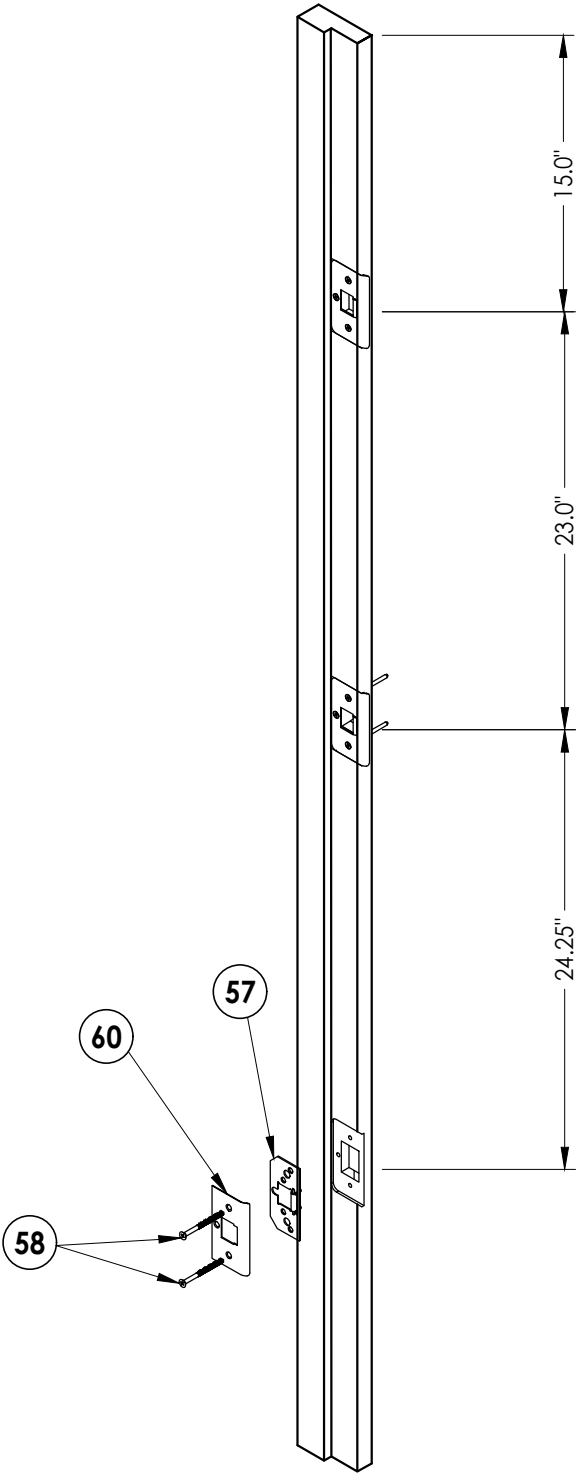
PRODUCT:	WINCORE FIBERGLASS DOOR
PART OR ASSEMBLY:	3-POINT LOCK DETAILS

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

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



59 **ENDURA TRILENNIUM 3000 SERIES**
3-Point Lock



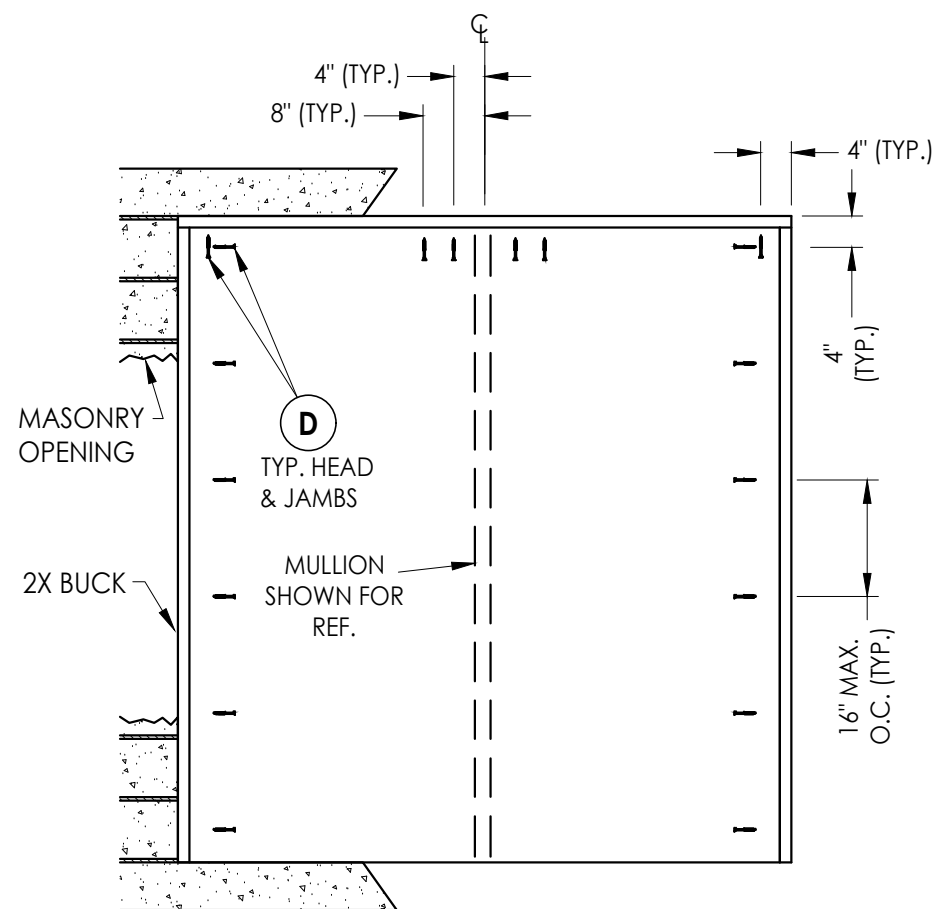
STRIKE JAMB DETAIL

DATE: 05/10/12	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15631.2	
SHEET	9 OF 12

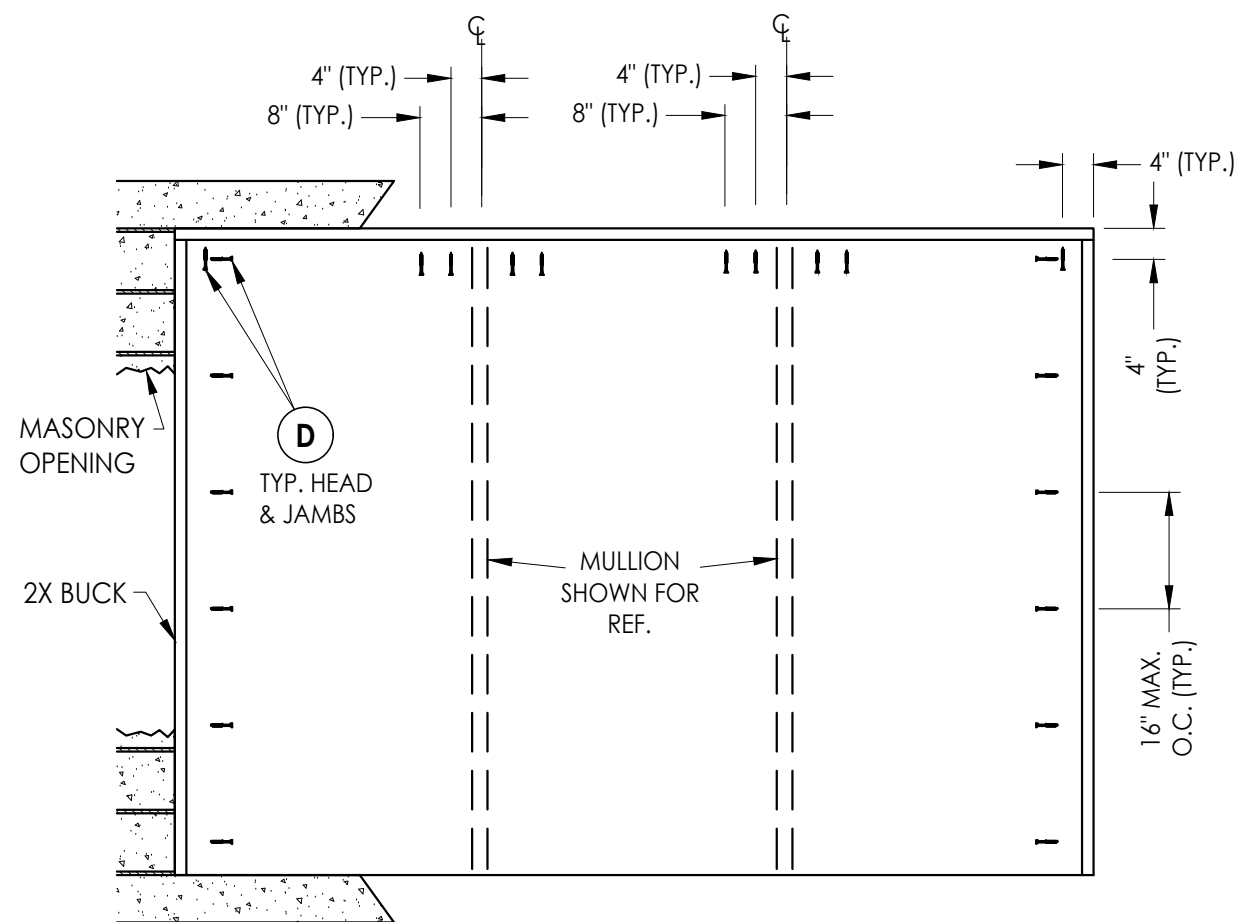
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4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
		& REVISE LITE FRAME			
3	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE				BY
REVISIONS					

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

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i>	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813



BUCK ANCHORING
OX



BUCK ANCHORING
OXO

CONCRETE ANCHOR NOTES:

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" dimensions 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"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"

WOOD SCREW INSTALLATION NOTES:

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

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

5	10/14/26	UPDATE TO 9TH ED. (2026)	FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
		& REVISE LITE FRAME	
3	7/06/20	UPDATE TO 7TH ED. (2020)	FBC LFS
NO.	DATE		BY
		REVISIONS	

DATE: 05/10/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15631.2

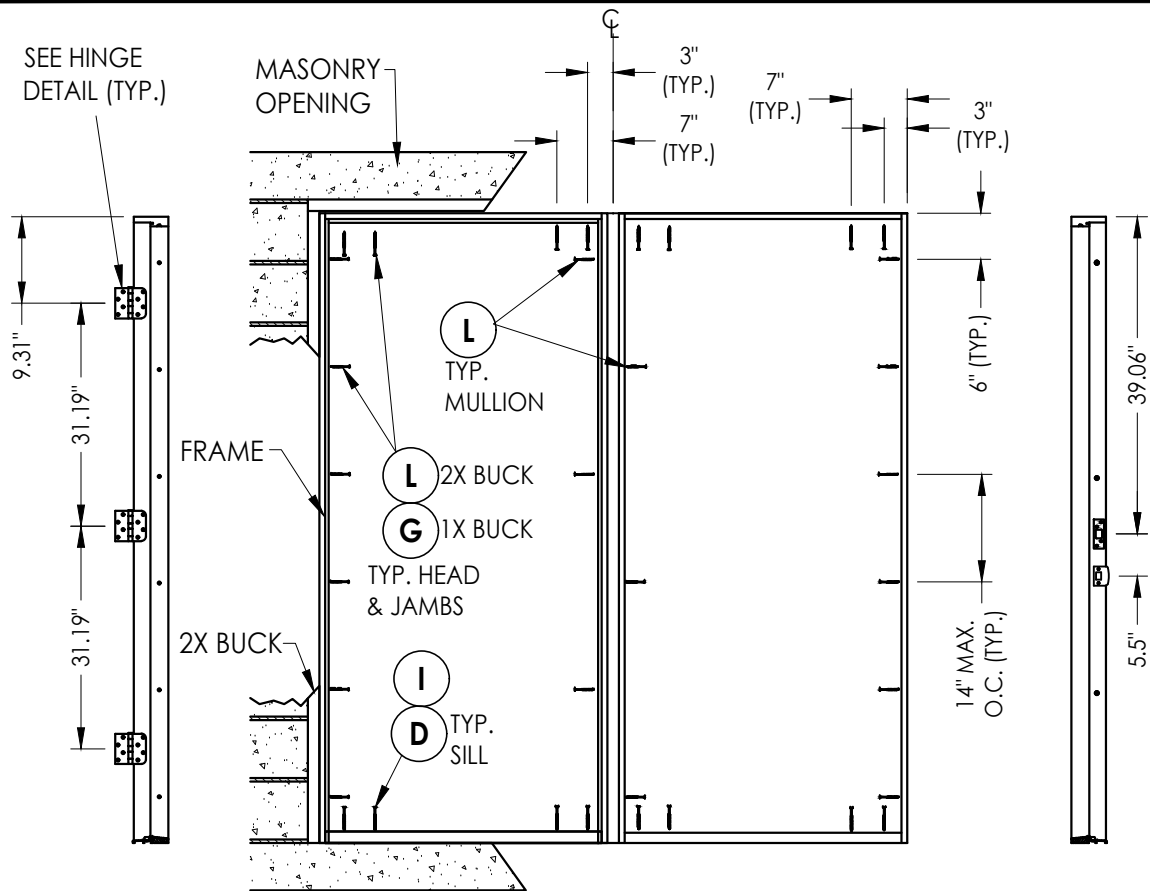
SHEET 10 OF 12

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

R^W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33
Phone No.: 813.659.9197
FBPE Registry No. 9813

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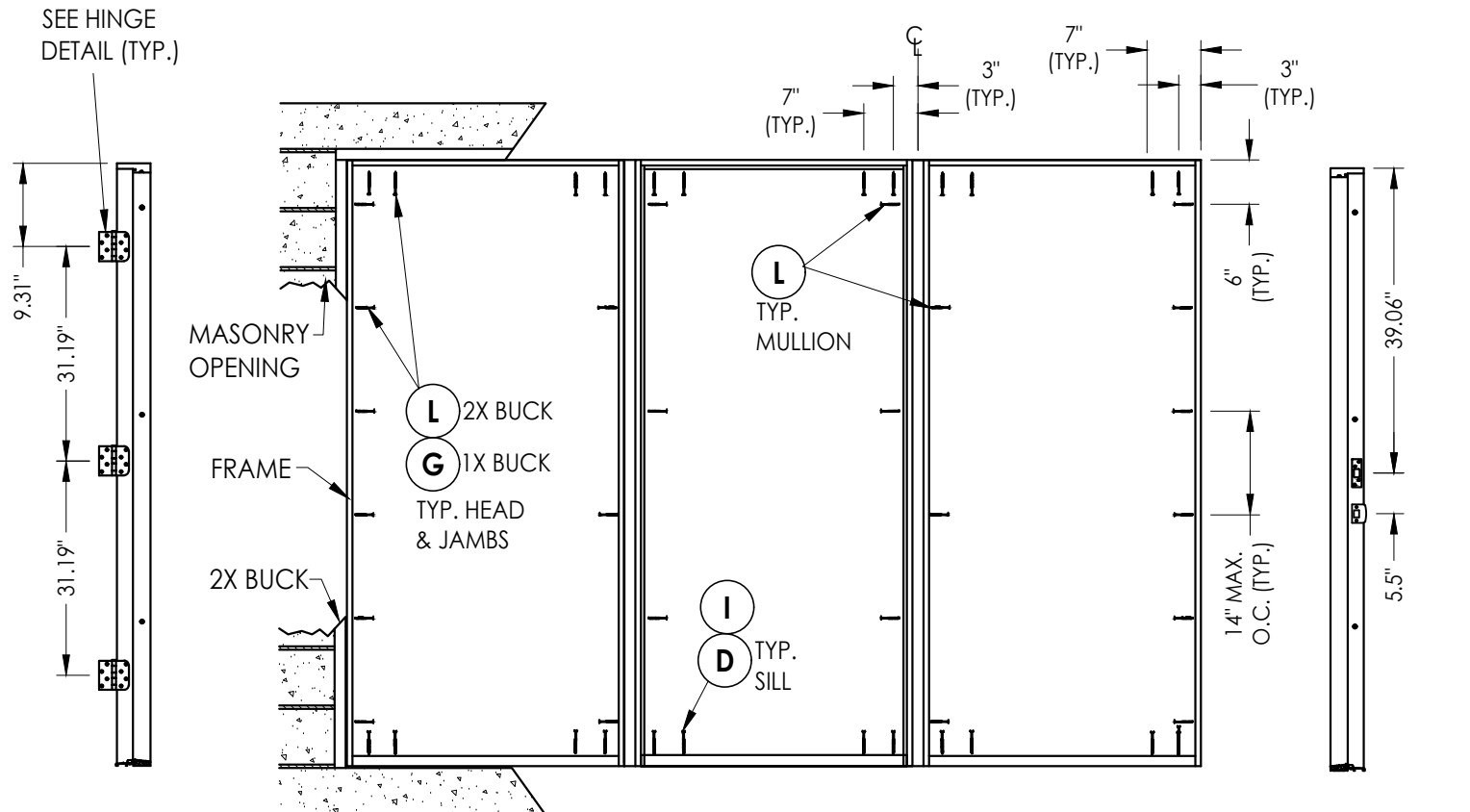


HINGE JAMB

FRAME ANCHORING
OX

STRIKE MULLION
Latch & Deadbolt

HINGE MULLION



FRAME ANCHORING
OXO

STRIKE MULLION
Latch & Deadbolt

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

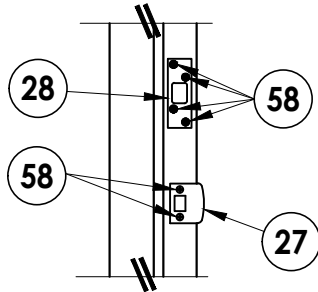
CONCRETE ANCHOR NOTES:

- 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" dimensions are not exceeded.
- Concrete anchor table:

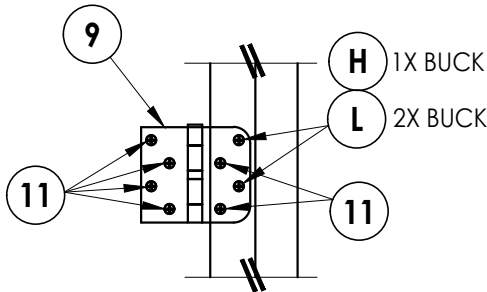
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"

WOOD SCREW INSTALLATION NOTES:

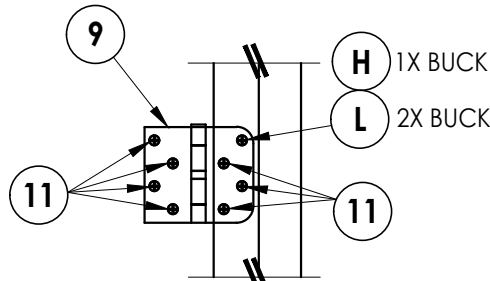
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Details



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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 DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
5	10/14/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC
2	7/06/20	UPDATE TO 6TH ED. (2020) FBC
1	7/06/20	UPDATE TO 5TH ED. (2020) FBC

DATE: 05/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

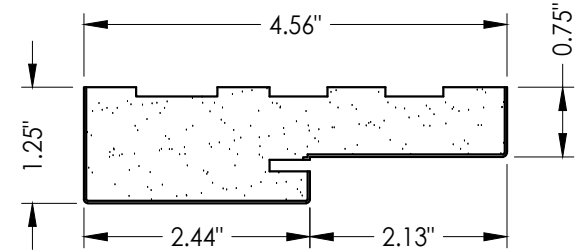
DRAWING NO.:

FL-15631.2

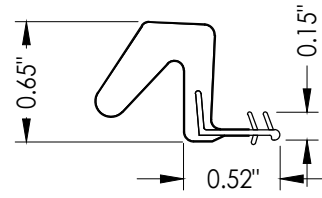
SHEET 11 OF 12

Z:\2023 FBC Drawings\Wincore Window Company\FL-15631 R6\FL-15631.2.5.dwg

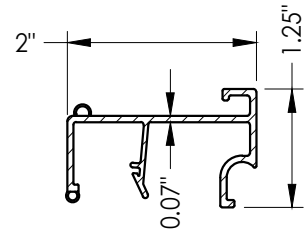
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
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 - HLS9000 (3-PT. 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
35	OUTSWING SIDELITE ADAPTER	VINYL
36	INSWING THRESHOLD	ALUM/COMP
39	INSWING SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-
55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
59	EJNDURA TRILENNIUM SERIES 3000 - 3 POINT LOCK	-
60	MULTI-POINT STRIKE PLATE	STEEL
62	LOCK ASSEMBLY	STEEL
88	2X REINFORCEMENT SG >= 0.55	WOOD



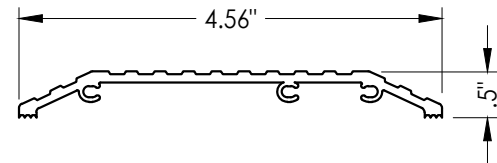
1 **POLY FIBER JAMB**
Plastpro



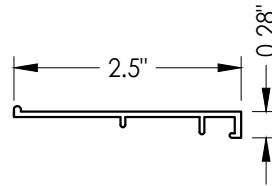
7 **WEATHERSTRIP**
Endura Force 5



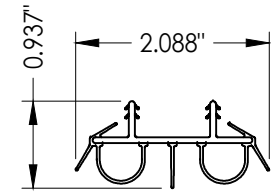
39 **INSWING SIDELITE ADAPTER**



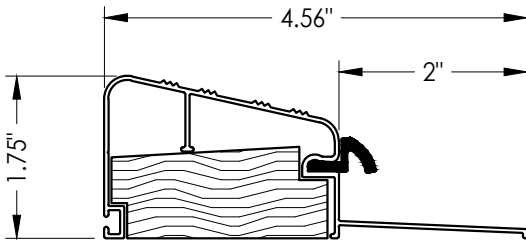
29 **ADA THRESHOLD**
DLP



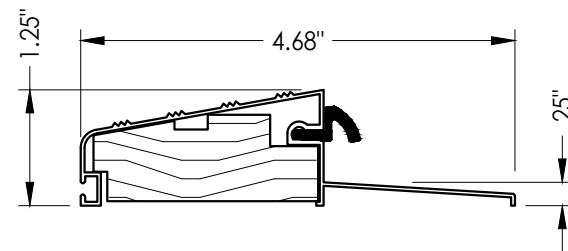
35 **OUTSWING SIDELITE ADAPTER**



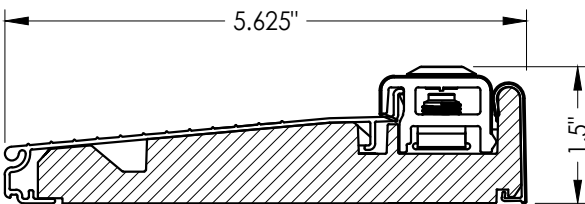
8 **DOOR BOTTOM SWEEP**



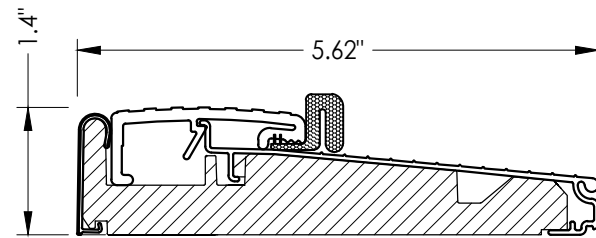
30 **OUTSWING THRESHOLD**
DLP (QOSR)



32 **OUTSWING THRESHOLD**
DLP (QOSH)



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



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

Documents Prepared By:
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P.O. Box 230, Vairico, FL 33595
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FBPE Registry No. 9813

PRODUCT:

WINCORE

FIBERGLASS DOOR

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

DATE: 05/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15631.2

SHEET 12 OF 12