



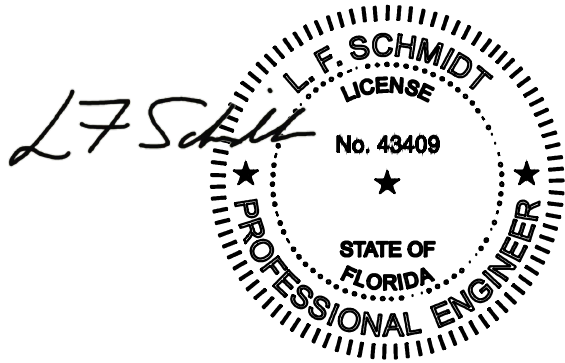
250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS DOORS
SINGLES
w/ or w/o SIDELITES
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

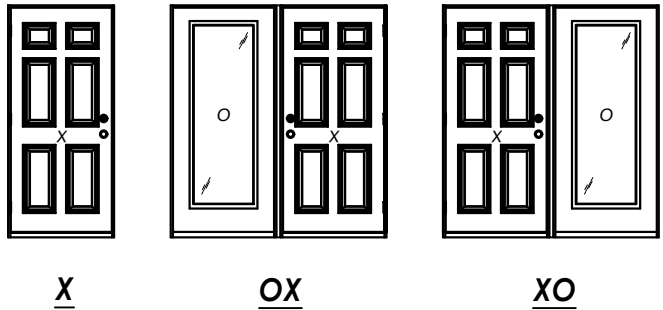
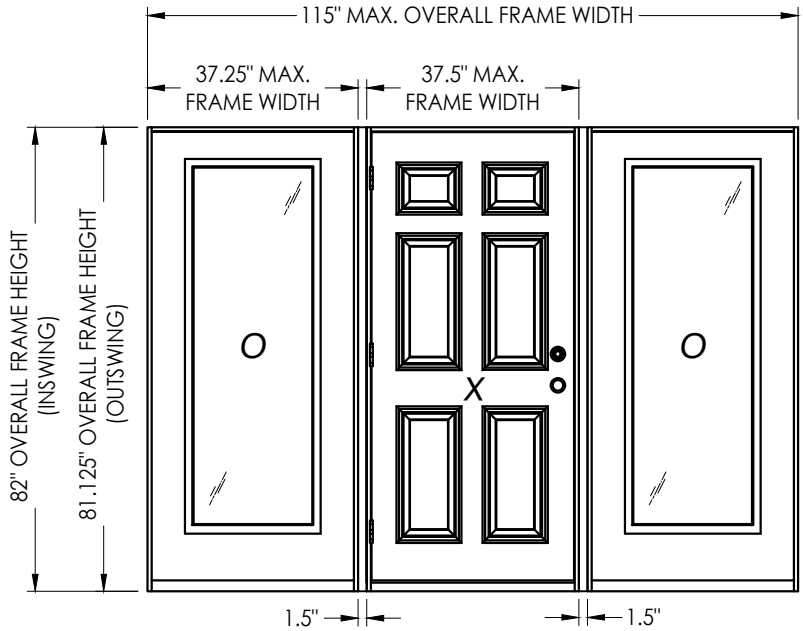
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2	Door panel details
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4	Elevations
5	Horizontal cross sections
6	Horizontal & Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Vertical Cross Sections (Thresholds)
10	Horizontal & Vertical Cross Sections (Direct to Masonry)
11	Buck anchoring
12	Frame anchoring & hardware details
13	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.30 08:13:22 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	MAX. FRAME DIMENSION	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 82"	N/A	+50.0	-50.0	+50.0	-50.0
OX/XO	76.25" x 82"	2X	+50.0	-50.0	+50.0	-50.0
OXO	115" x 82"	2X	+50.0	-50.0	+50.0	-50.0

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

WINCORE
FIBERGLASS ENTRY DOOR
"Impact"

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

37/01/26
UPDATE TO 9TH ED. (2026) FBC LFS

27/06/23
UPDATE TO 8TH ED. (2023) FBC LFS

110/14/20
UPDATE TO 7TH ED. (2020) FBC LFS

NO. DATE

REVISIONS

DATE: 8/08/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

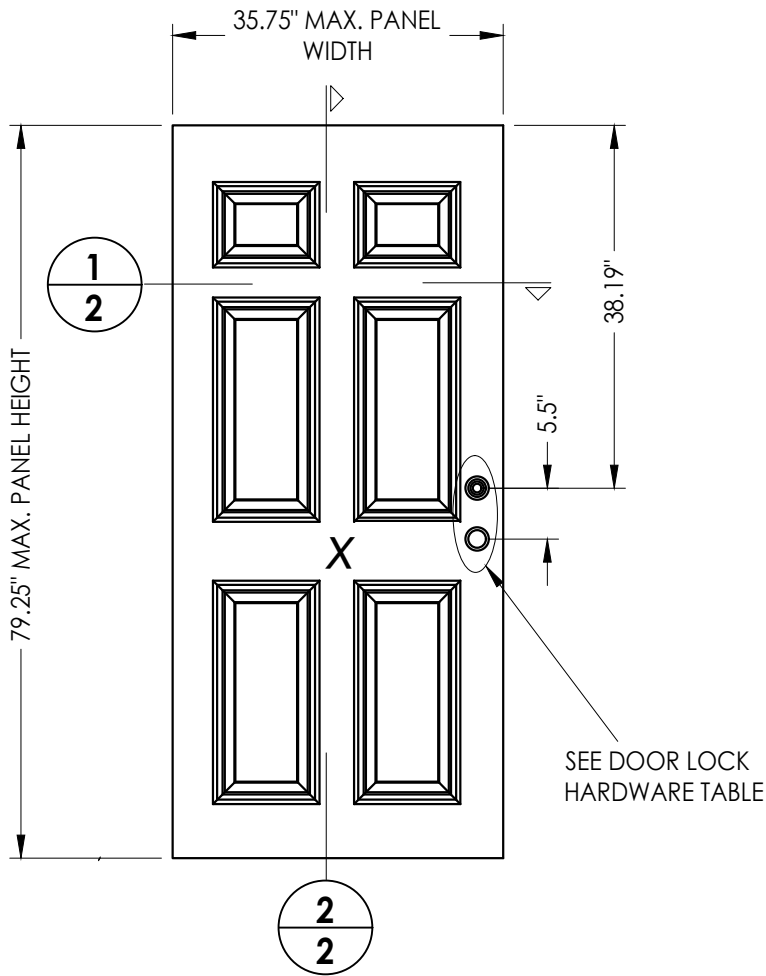
DRAWING NO.: FL-30037.1

SHEET 1 OF 13

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

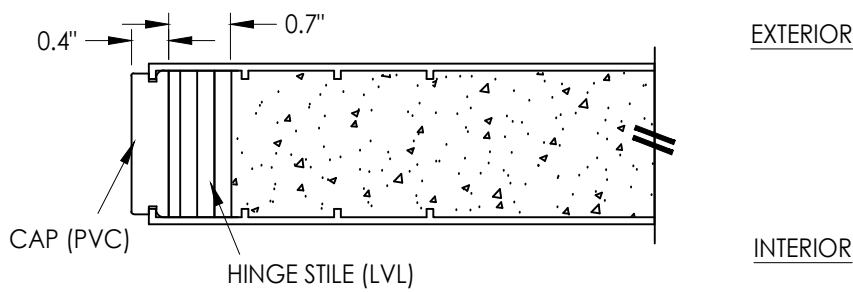
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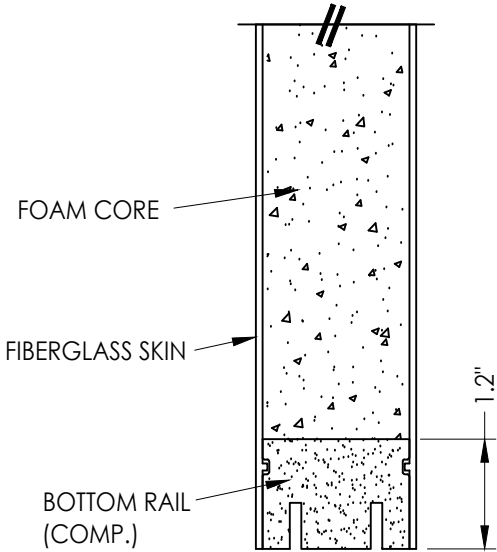
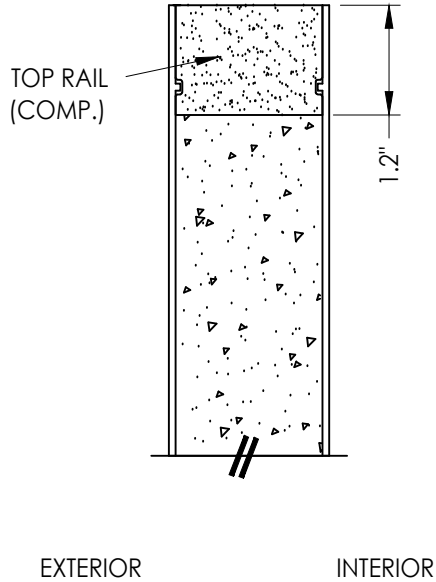
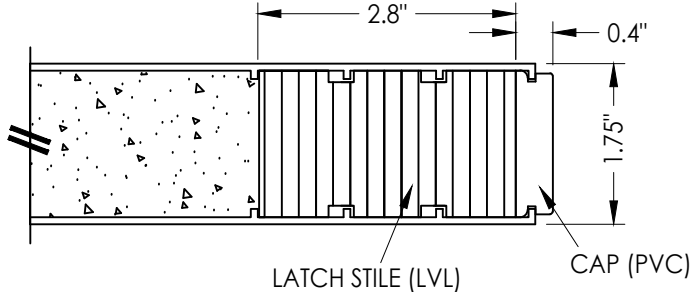


40 PLASTPRO DOOR PANEL

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



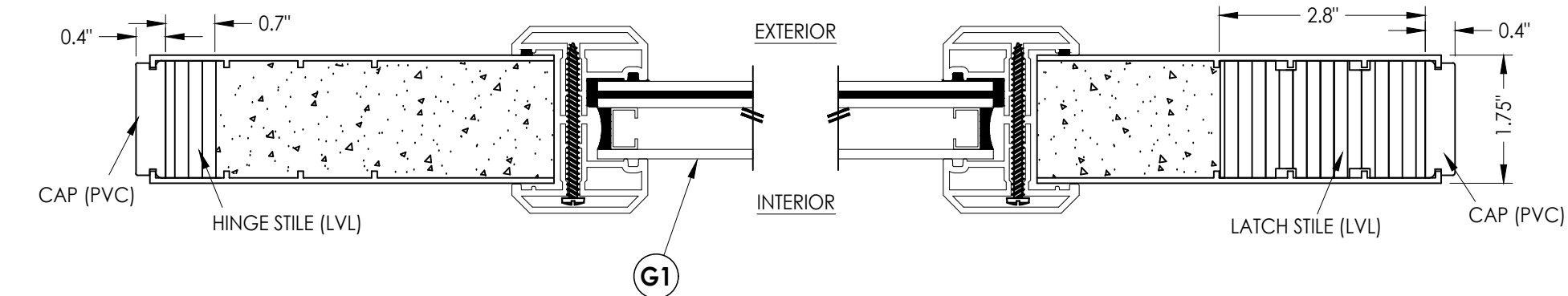
1 HORIZONTAL CROSS SECTION
2



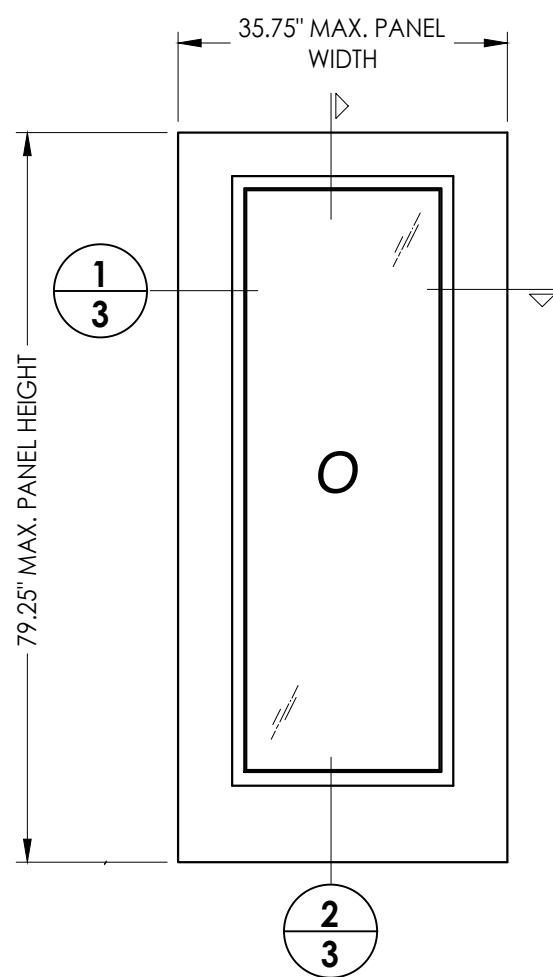
2 VERTICAL CROSS SECTION
2

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

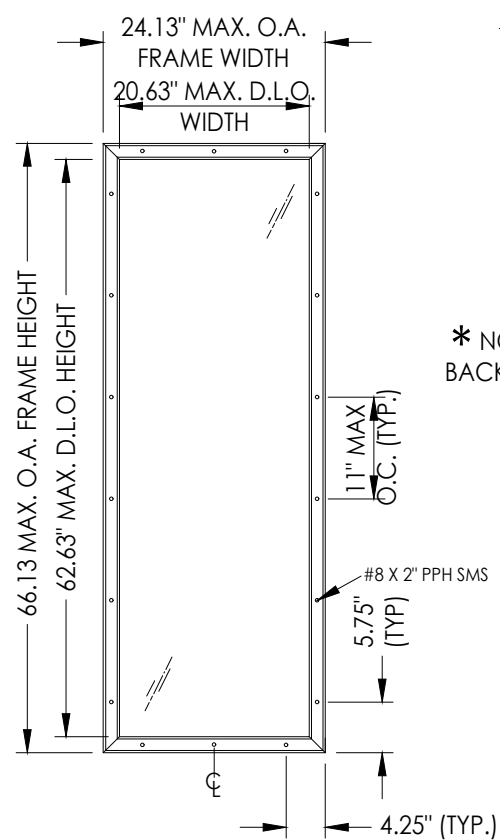
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		WINCORE		FIBERGLASS ENTRY DOOR "Impact"			
PART OR ASSEMBLY:							
		DOOR		PANEL DETAILS			
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
1	10/14/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
NO.	DATE			BY			
				REVISIONS			
DATE: 8/08/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-30037.1							
SHEET 2 OF 13							



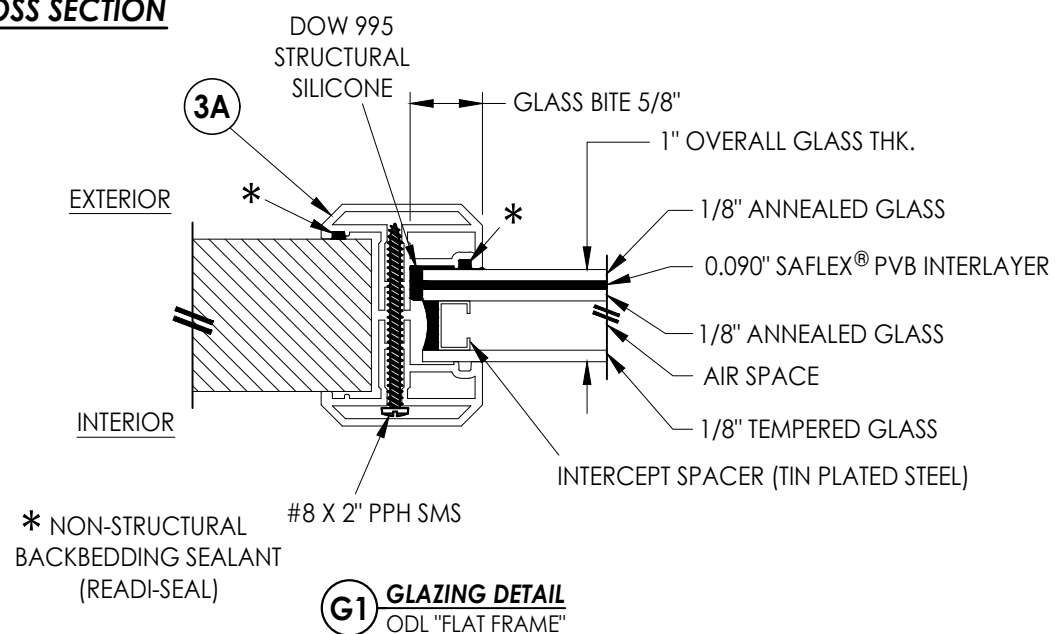
1 **HORIZONTAL CROSS SECTION**
3



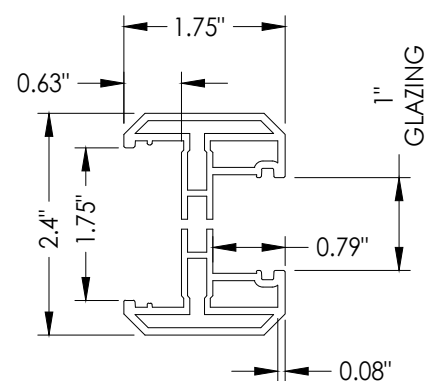
50 PLASTPRO SIDELITE PANEL



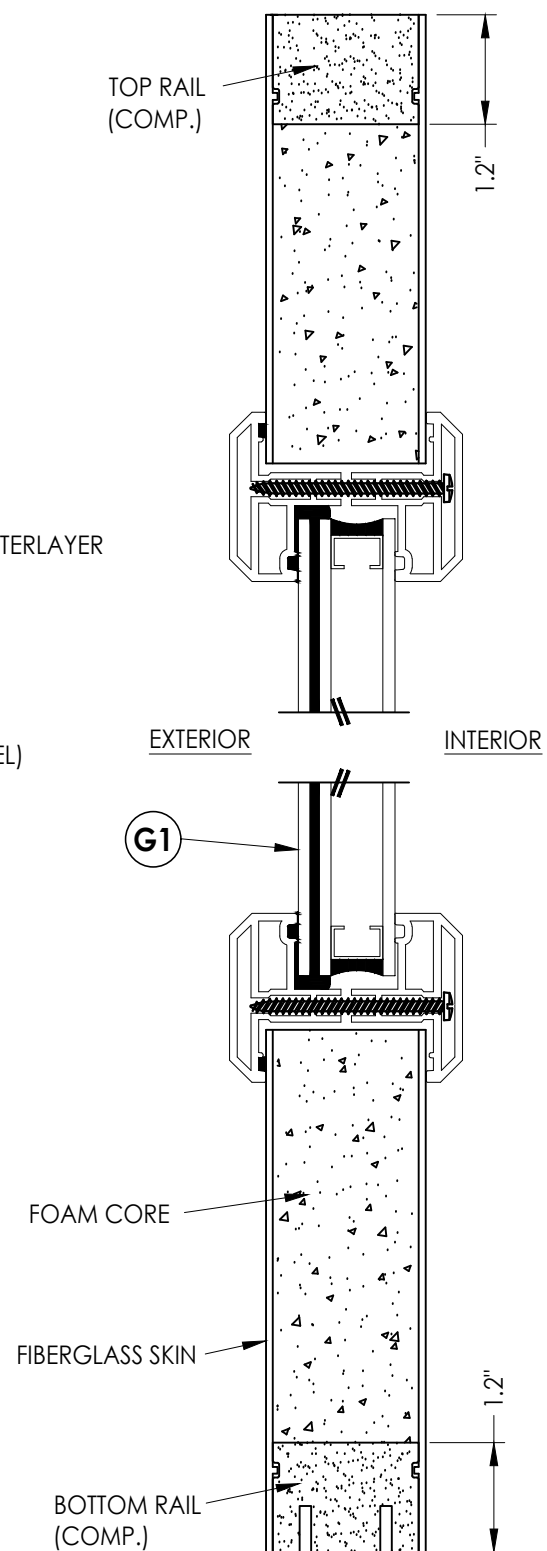
ODL LITE FRAME DETAIL "FLAT FRAME" PROFILE



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



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



2 VERTICAL CROSS SECTION

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

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

DATE: 8/08/19

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CHK. BY: *LFS*

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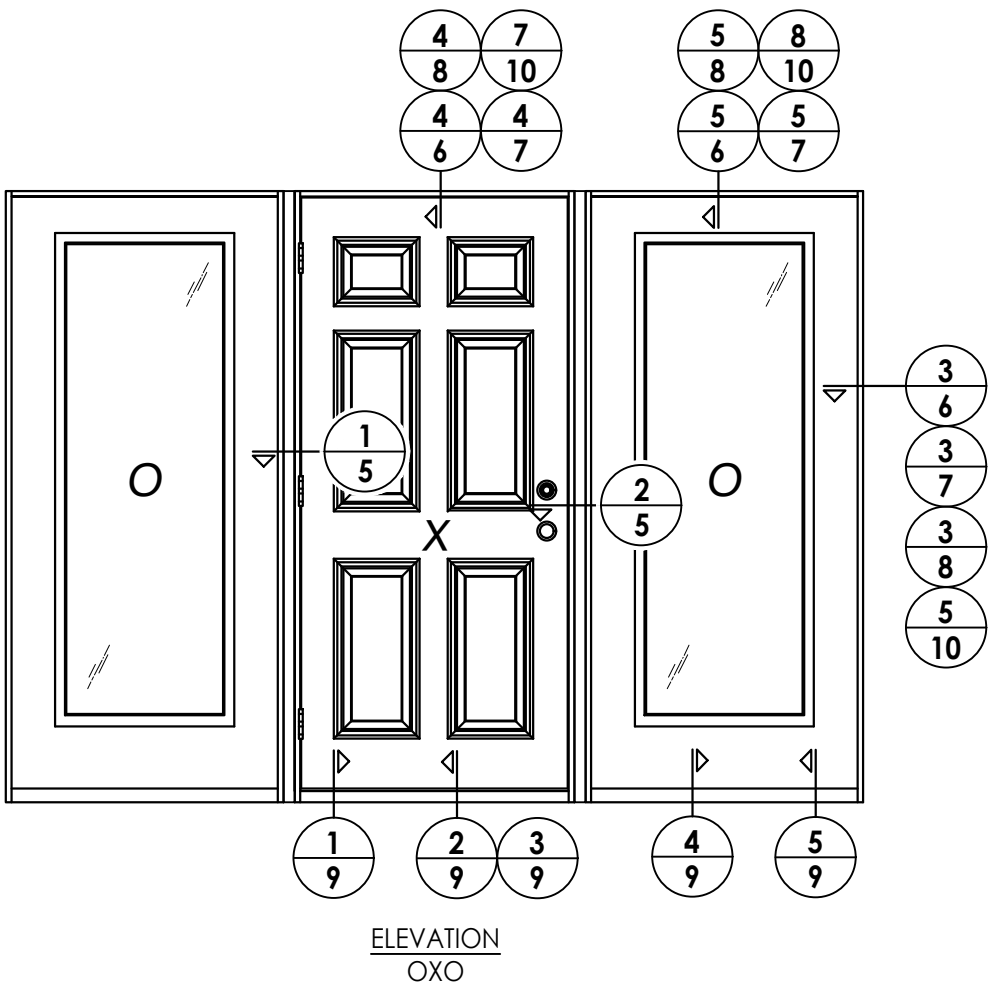
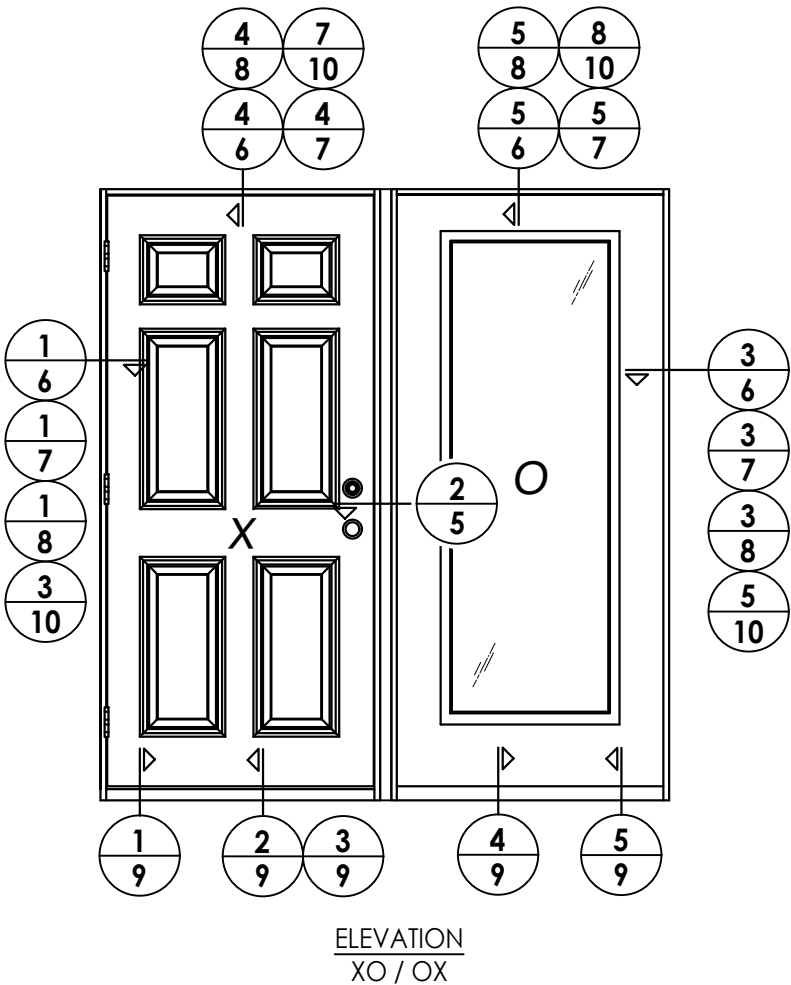
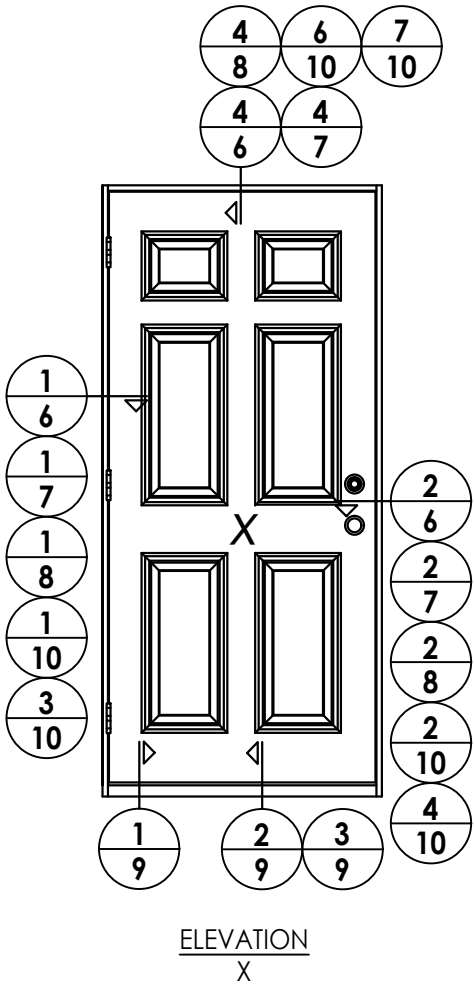
FL-30037.1

SHEET 3 OF 13

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

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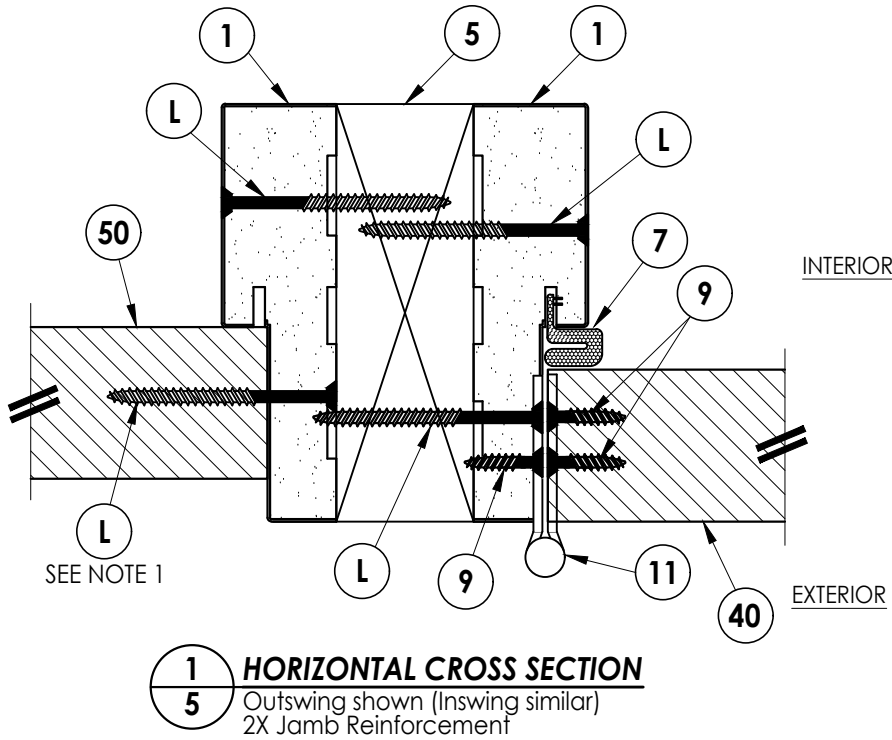
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CHK. BY: LFS
DRAWING NO.: FL-30037.1
SHEET 4 OF 13

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

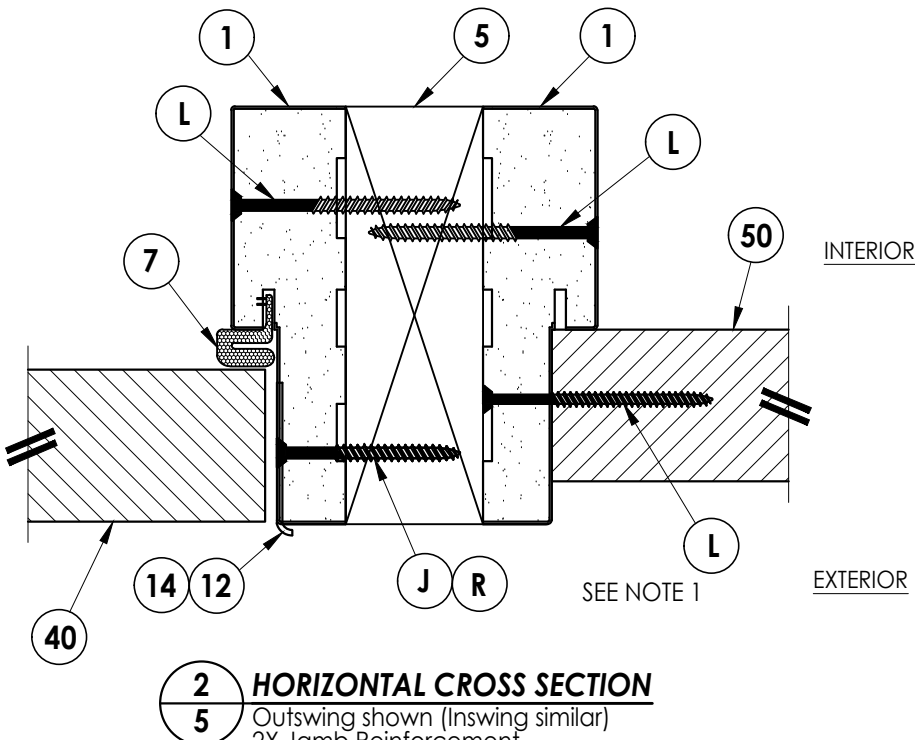
PRODUCT: WINCORE
FIBERGLASS ENTRY DOOR
"Impact"
PART OR ASSEMBLY:
ELEVATIONS

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



1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
2X Jamb Reinforcement

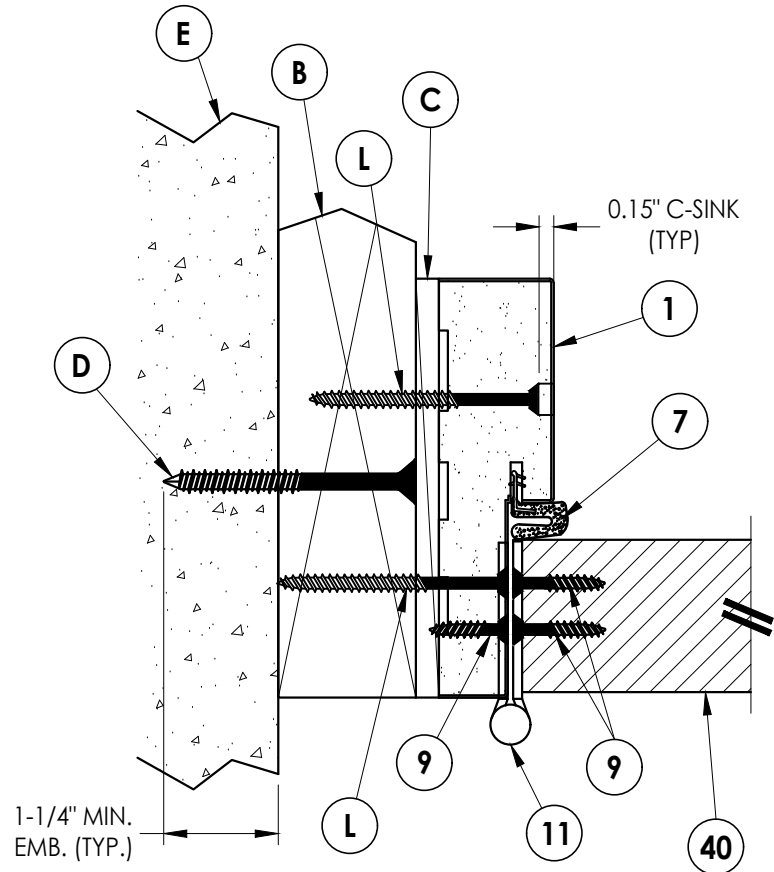


2
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)
2X Jamb Reinforcement

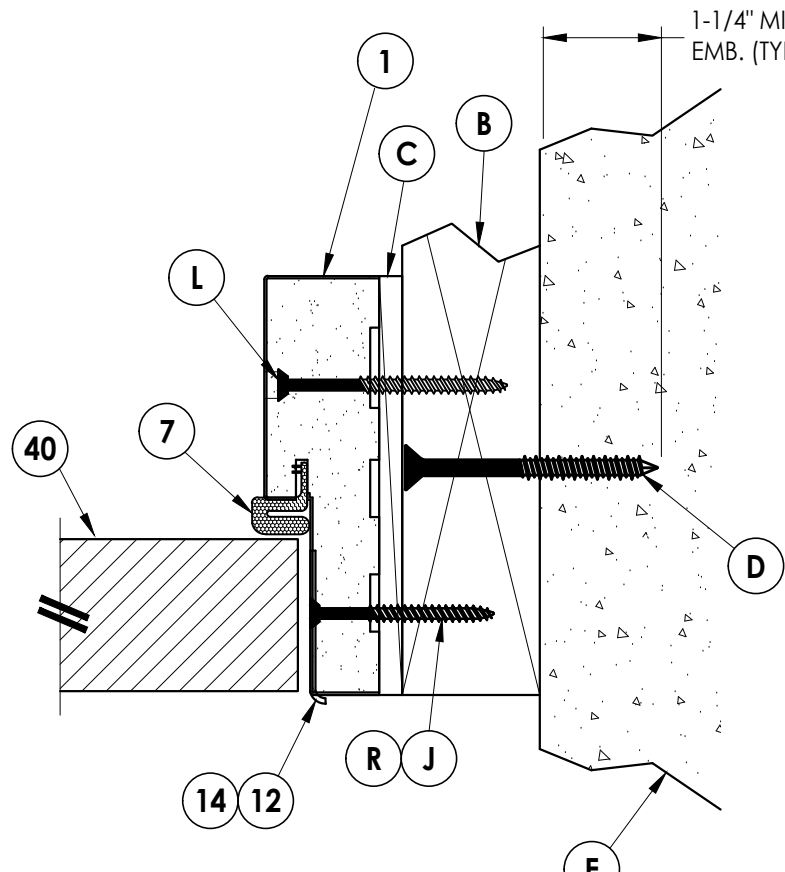
NOTE:
1. Spacing for item L: 6" from each end and 3 more
equally spaced along sidelite jamb (5 total).

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: HORIZONTAL CROSS SECTIONS	
		3	7/01/26
		2	7/06/23
		1	10/14/20
		NO.	DATE
		REVISIONS	
DATE: 8/08/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30037.1			
SHEET 5 OF 13			

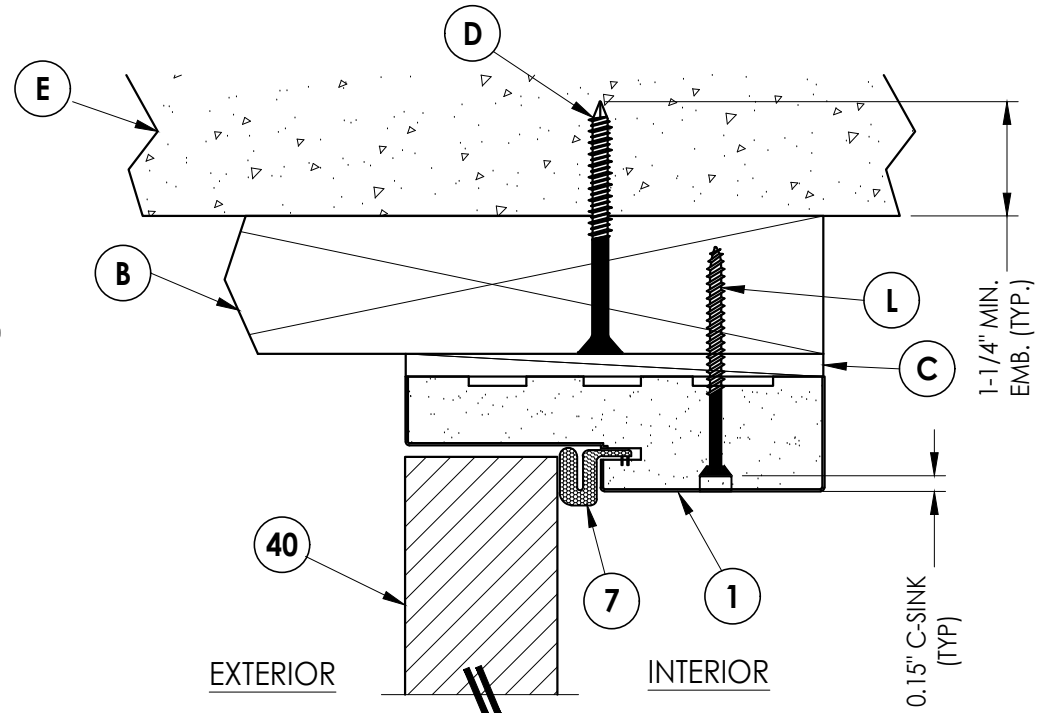
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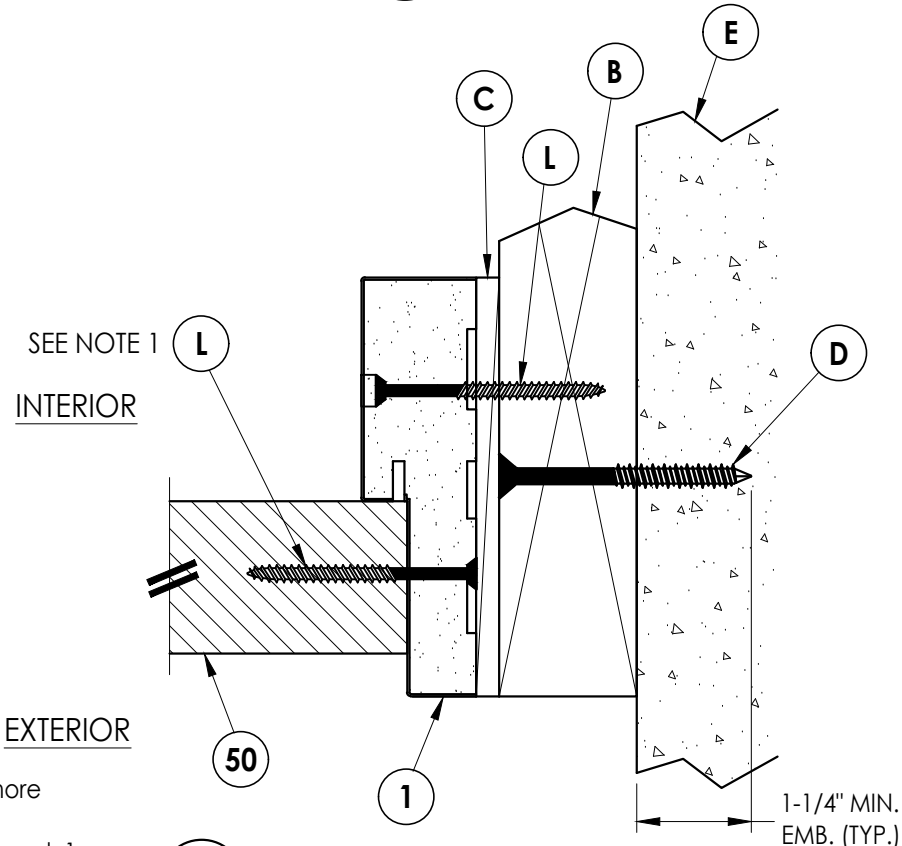
1
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



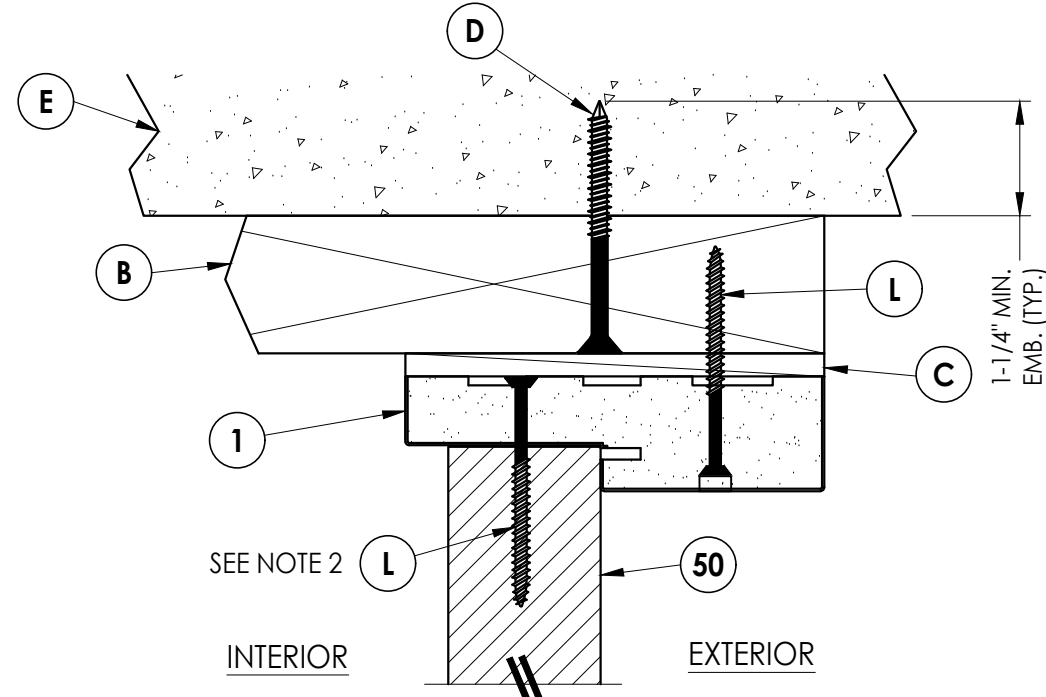
2
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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



3
6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



5
6 **VERTICAL CROSS SECTION**
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 (2X BUCK)

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

DATE: 8/08/19

SCALE: N.T.S.

DWG. BY: RW

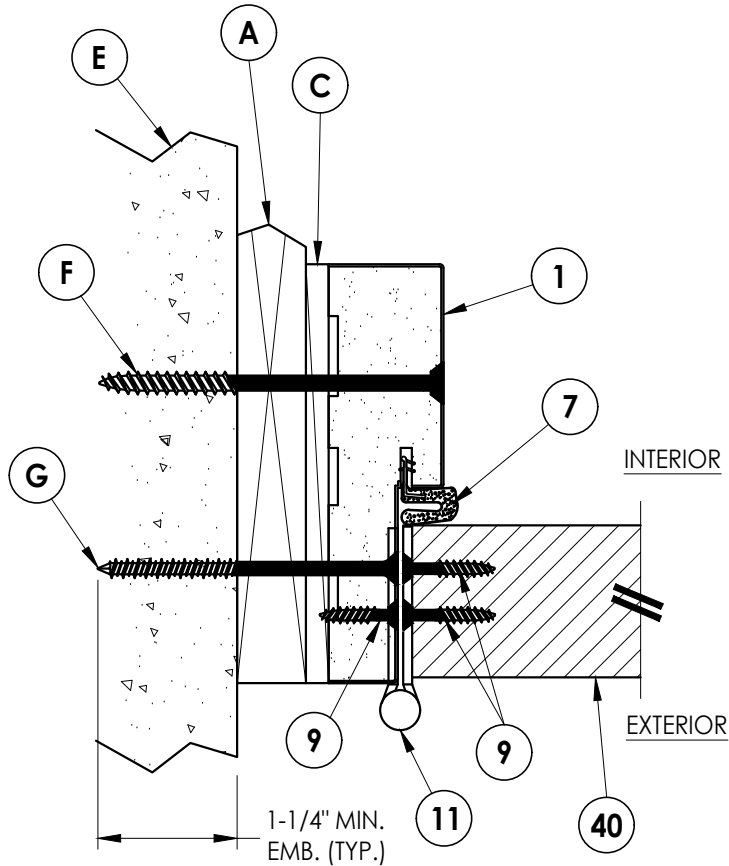
CHK. BY: LFS

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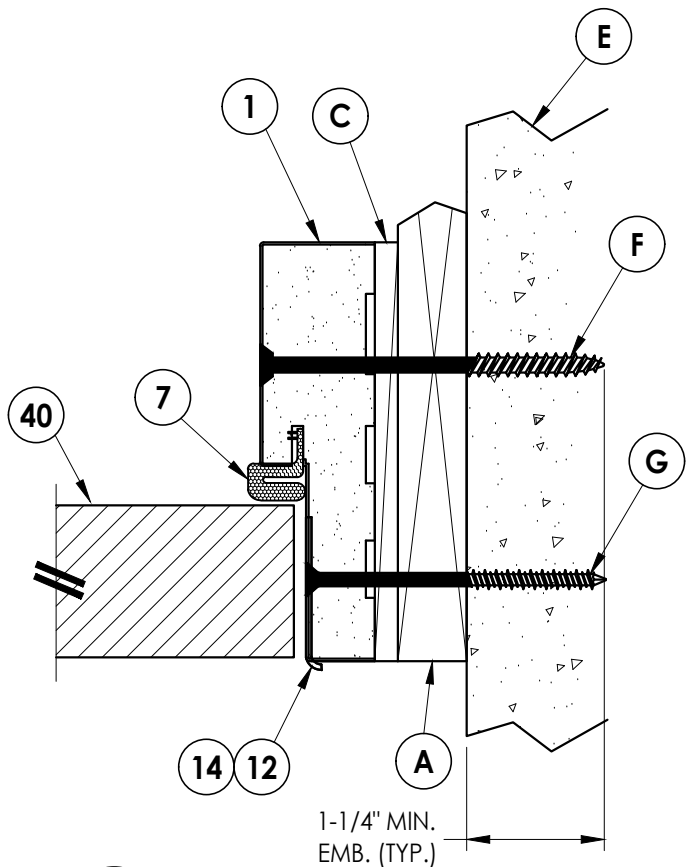
FL-30037.1

SHEET 6 OF 13

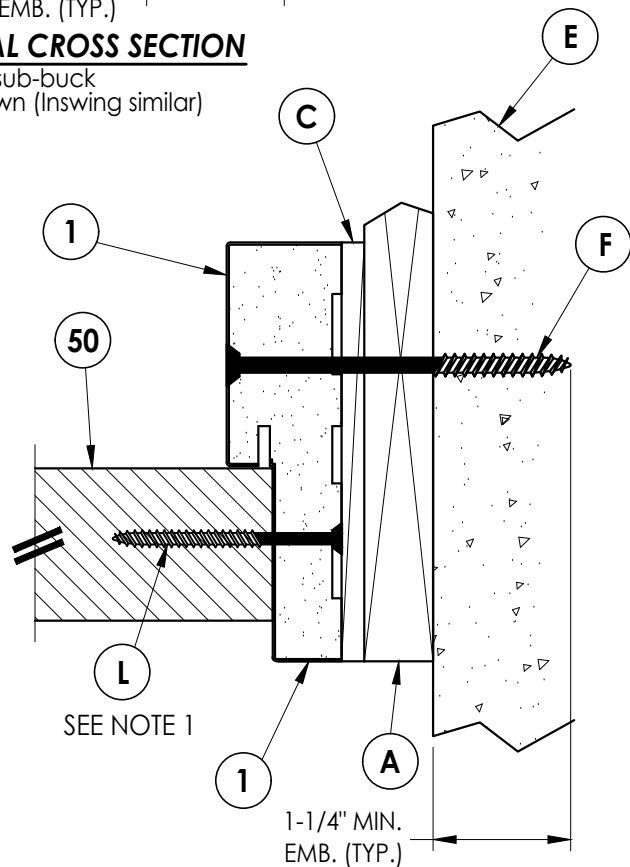
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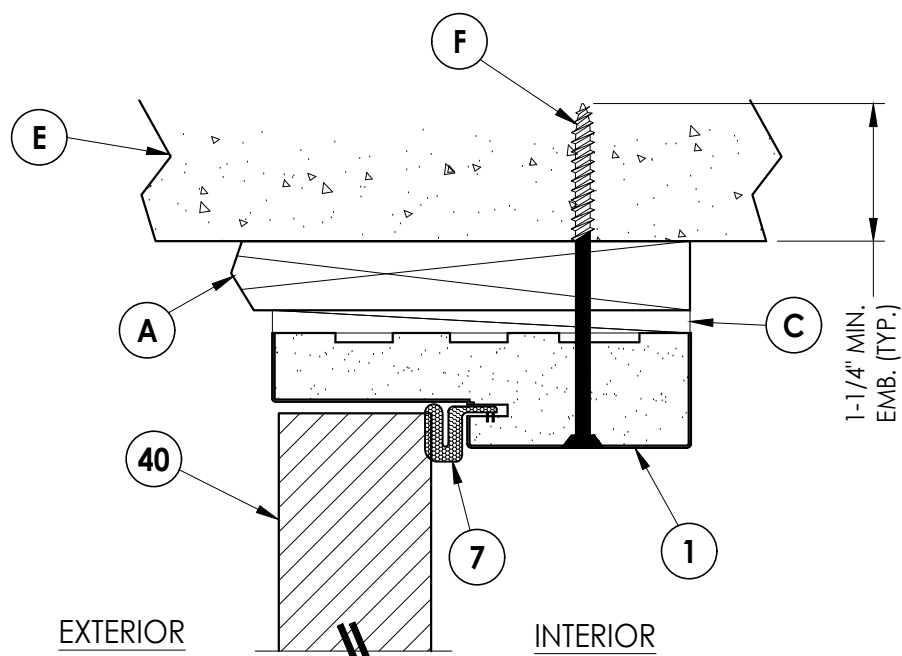
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



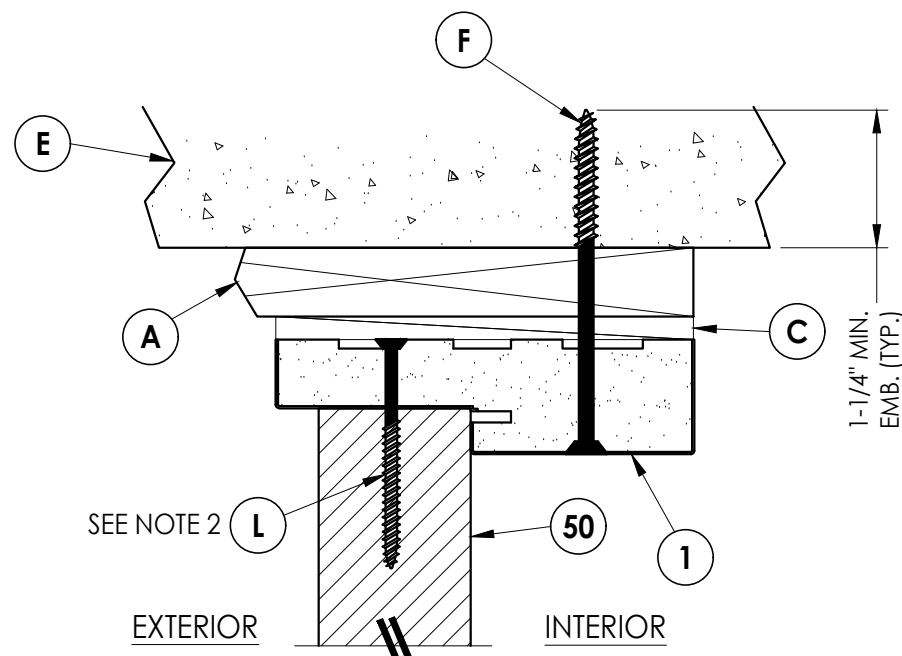
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



5
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

NOTES:

- Spacing for item L: 6" from each end and 3 more equally spaced along sidelite jamb (5 total).
- 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:
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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
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	10/14/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 8/08/19

SCALE: N.T.S.

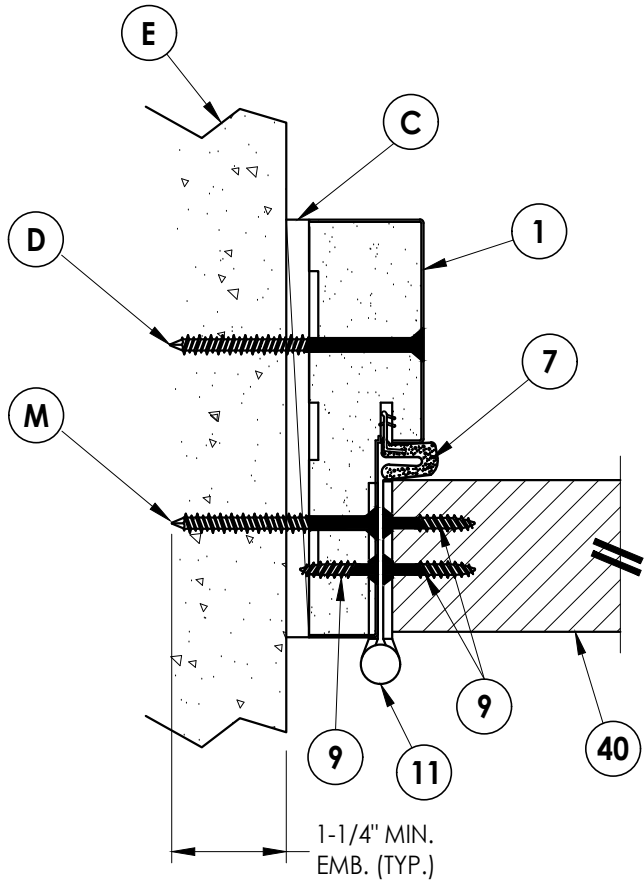
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CHK. BY: LFS

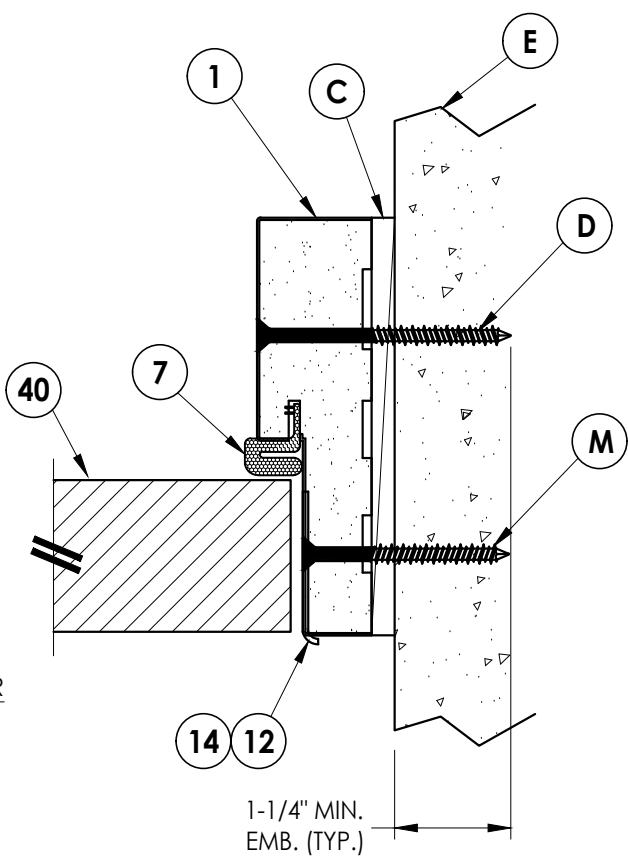
DRAWING NO.:

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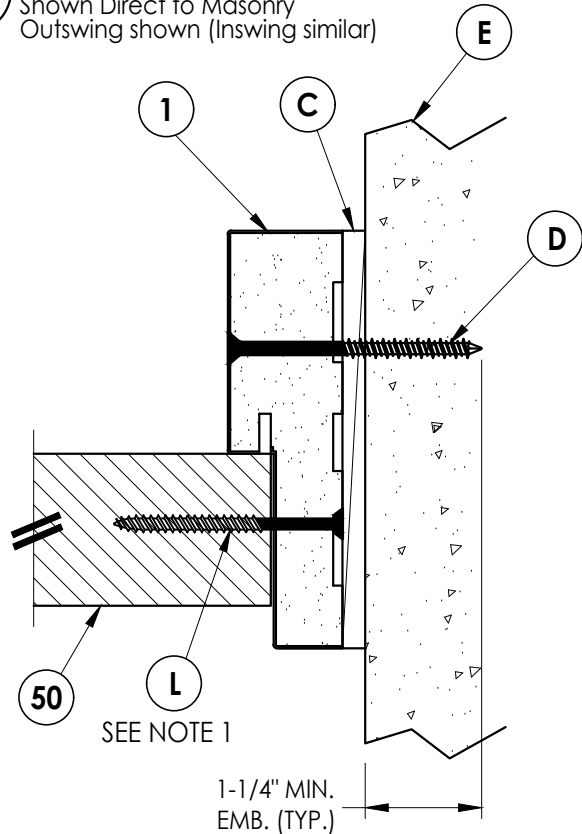
SHEET 7 OF 13



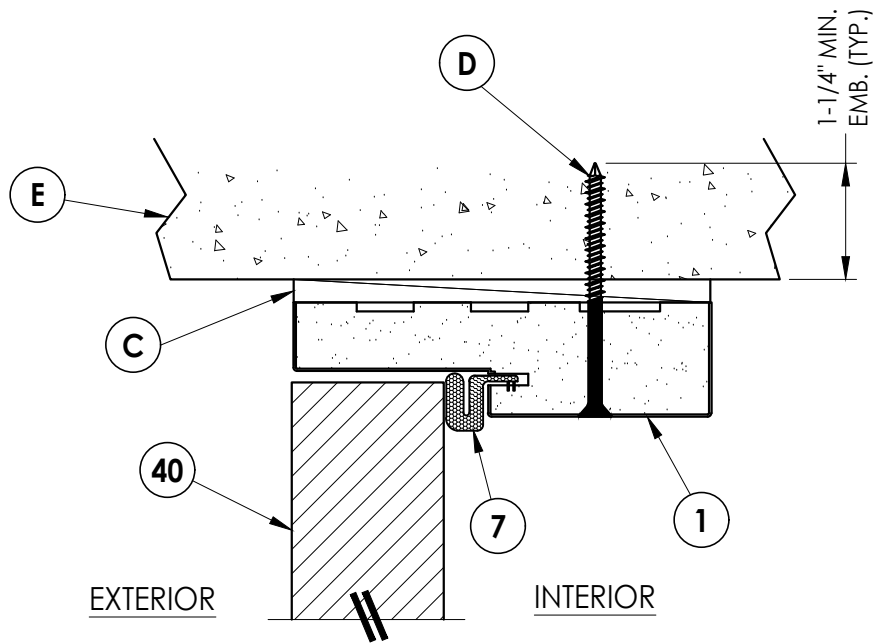
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8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



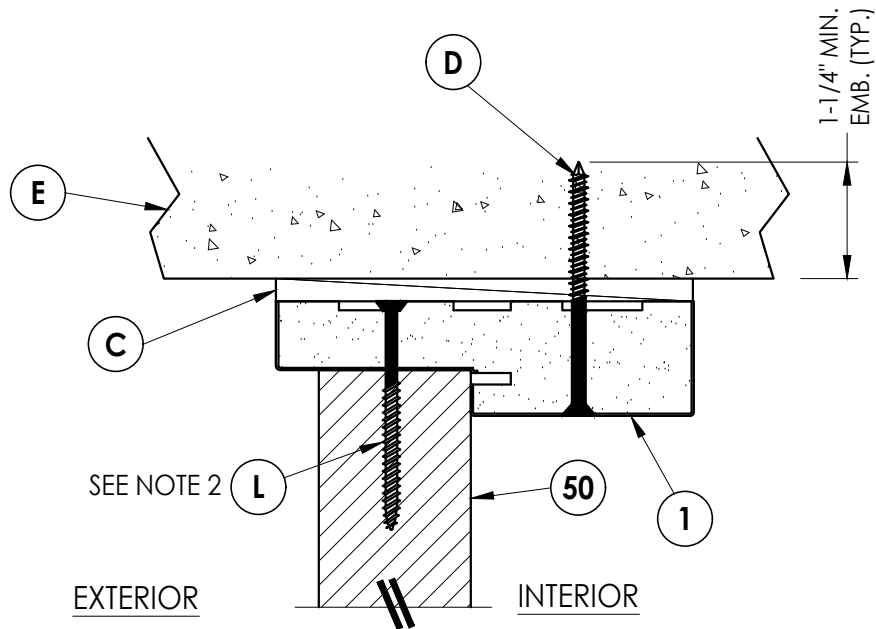
2
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
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:		PART OR ASSEMBLY:	
WINCORE FIBERGLASS ENTRY DOOR "Impact"		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	

REVISIONS	
NO.	DATE
3	7/01/26
2	7/06/23
1	10/14/20

DATE: 8/08/19

SCALE: N.T.S.

DWG. BY: RW

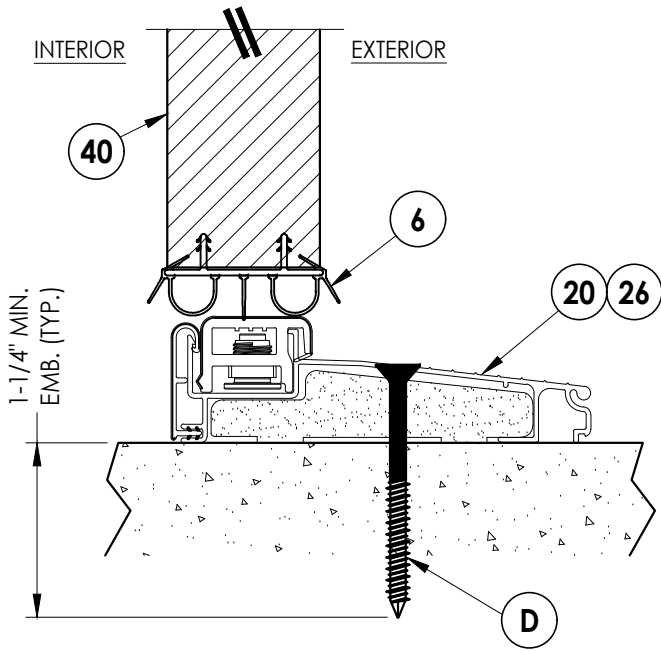
CHK. BY: LFS

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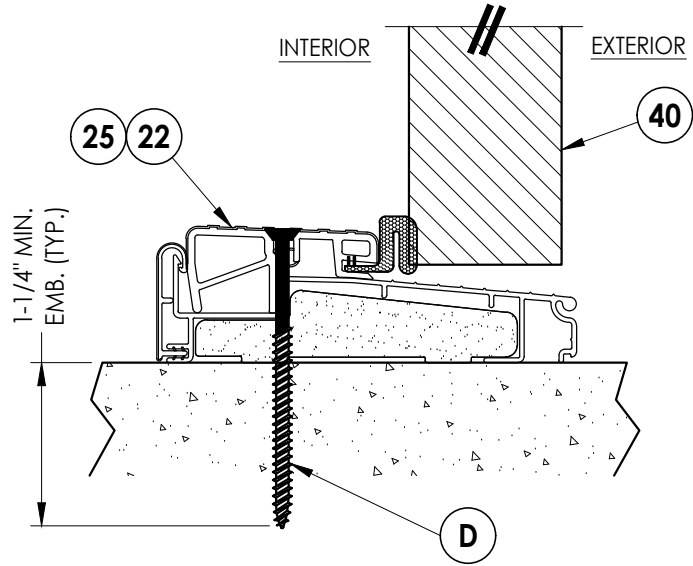
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SHEET 8 OF 13

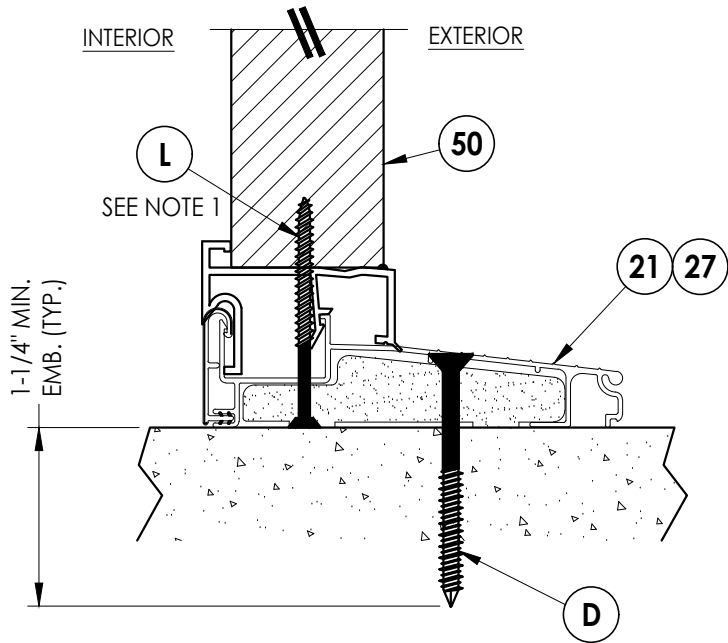
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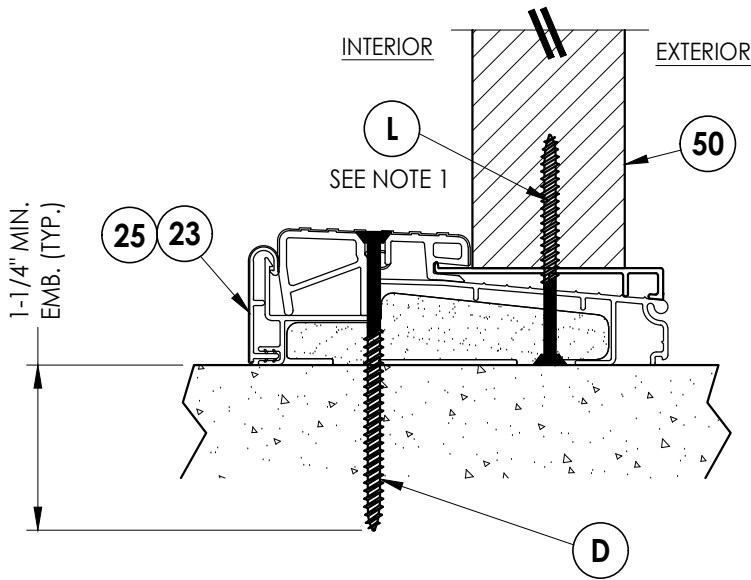
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9 **VERTICAL CROSS SECTION**
Inswing sill



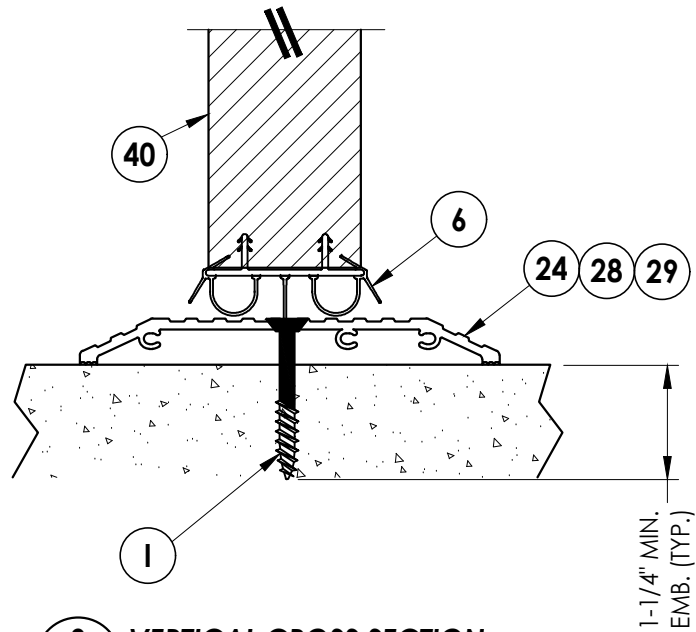
2
9 **VERTICAL CROSS SECTION**
Outswing sill



4
9 **VERTICAL CROSS SECTION**
Inswing sill



5
9 **VERTICAL CROSS SECTION**
Inswing sill



3
9 **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

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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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

DATE: 8/08/19

SCALE: N.T.S.

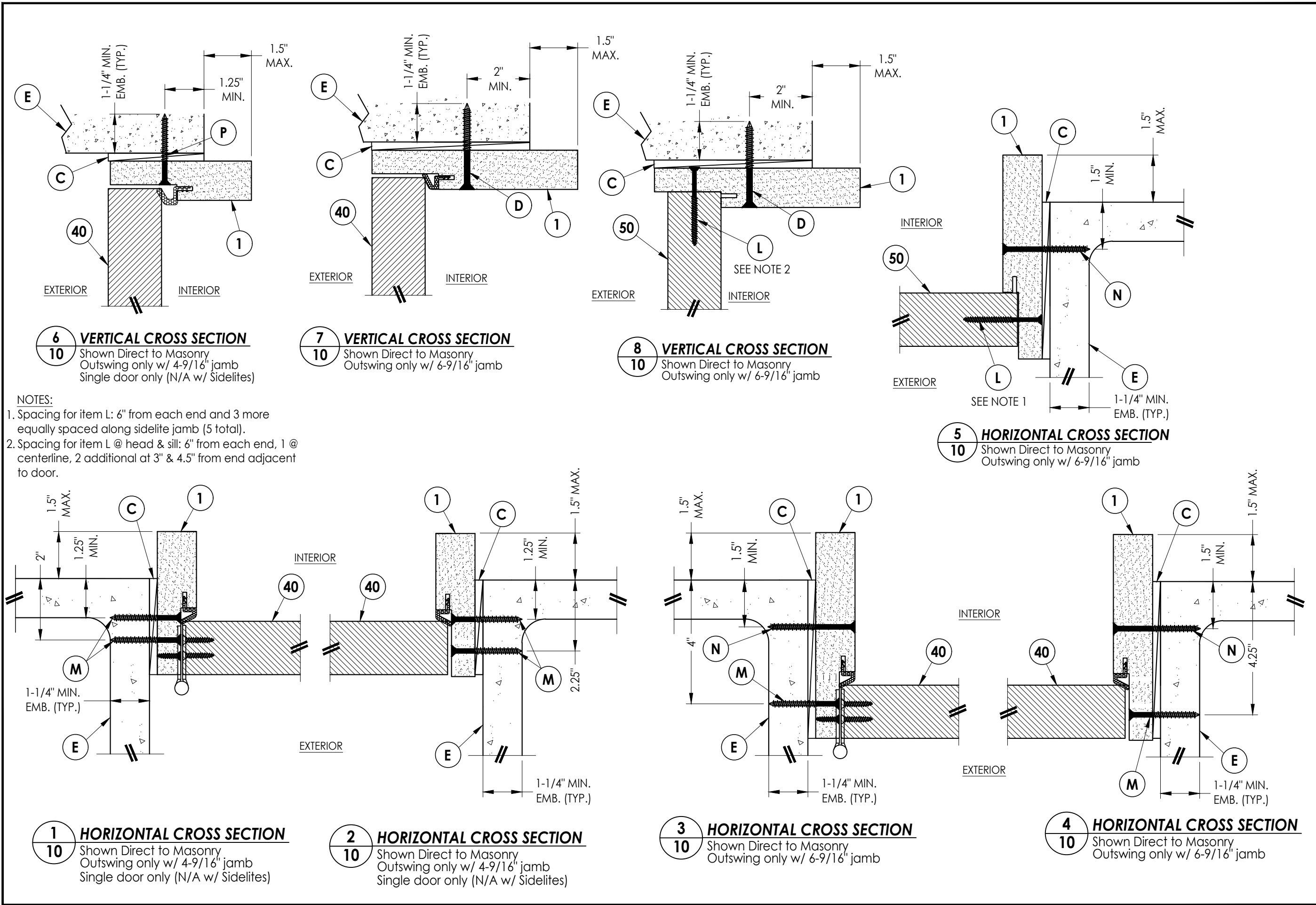
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CHK. BY: LFS

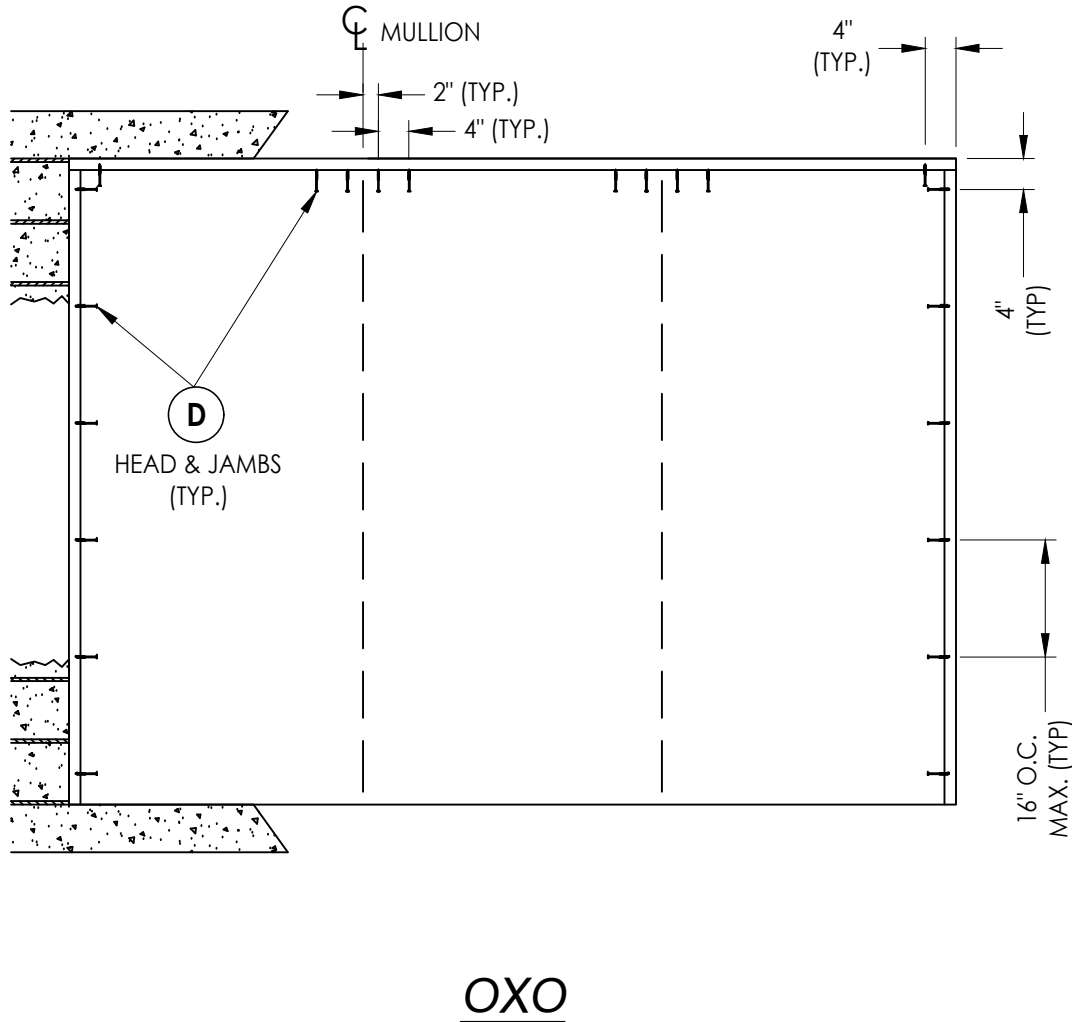
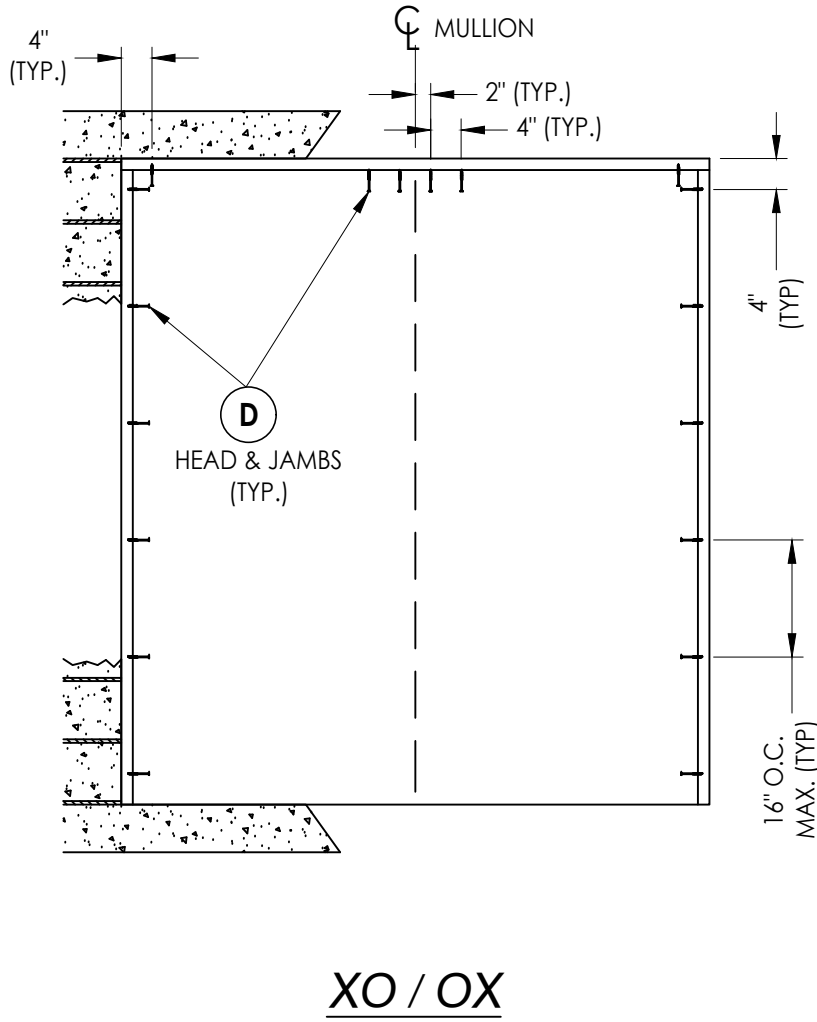
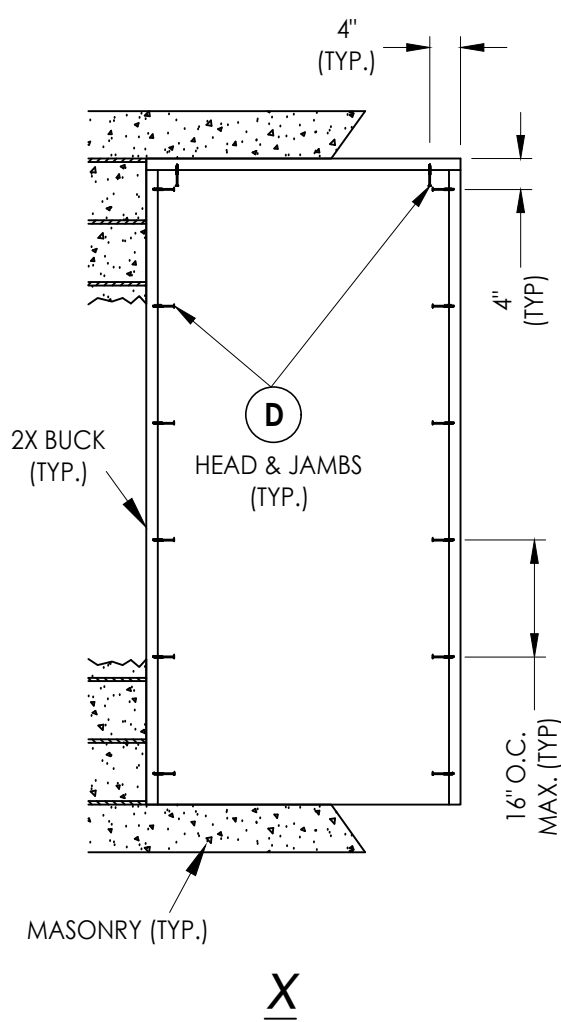
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SHEET 9 OF 13

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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 "Impact"										PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



XO / OX

OXO

2X BUCK ANCHORING

DATE: 8/08/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30037.1

SHEET 11 OF 13

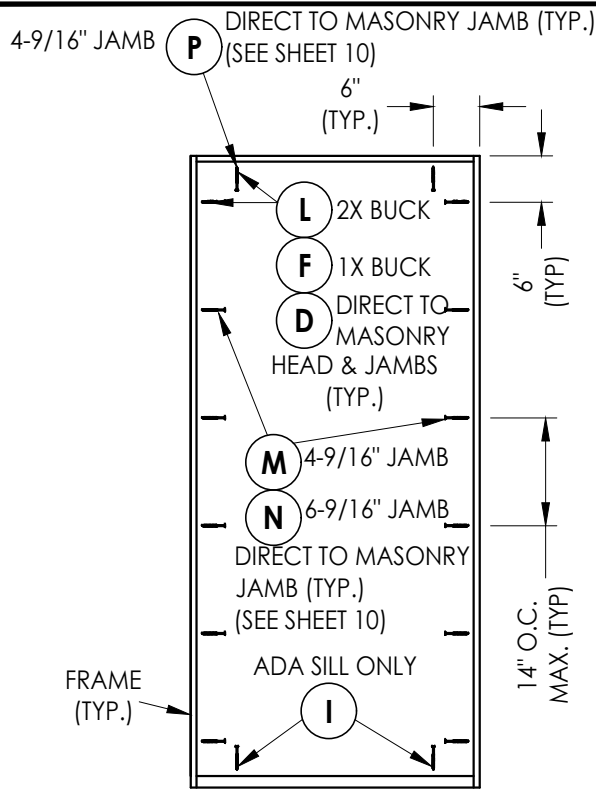
NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	10/14/20	UPDATE TO 7TH ED. (2020) FBC LFS

PRODUCT:	WINCORE FIBERGLASS ENTRY DOOR "Impact"
PART OR ASSEMBLY:	BUCK ANCHORING

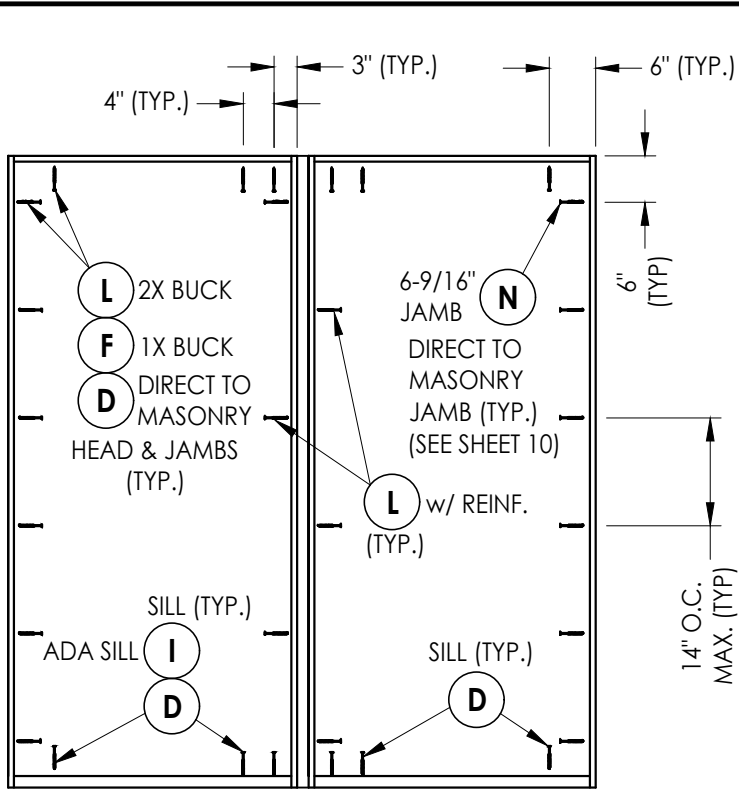
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409


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

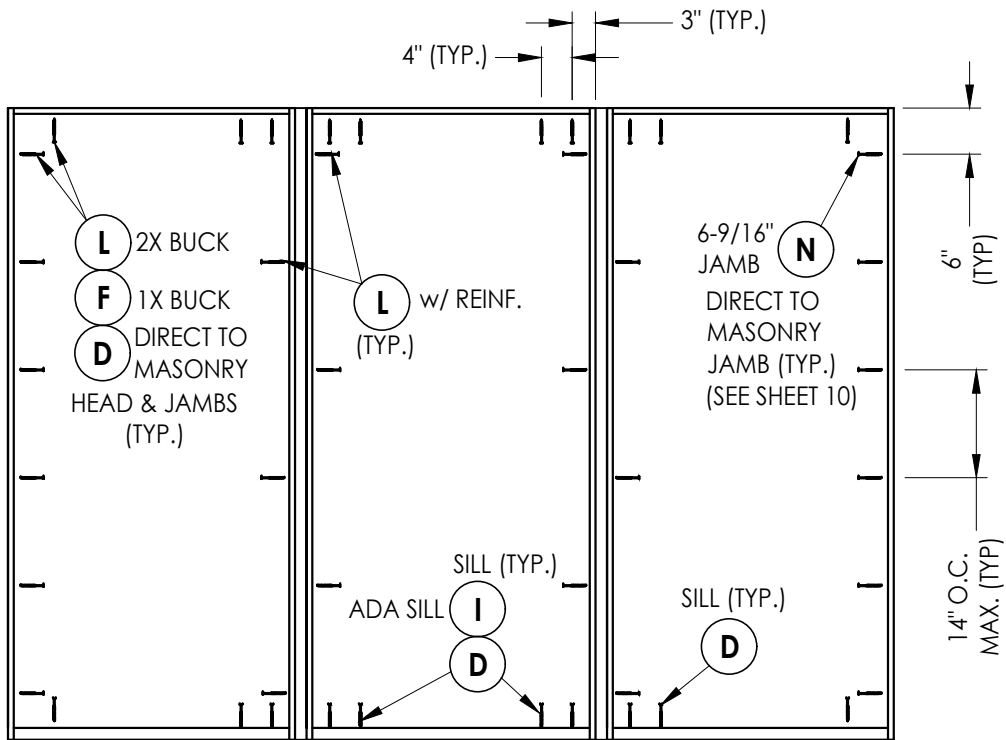
Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.1.dwg



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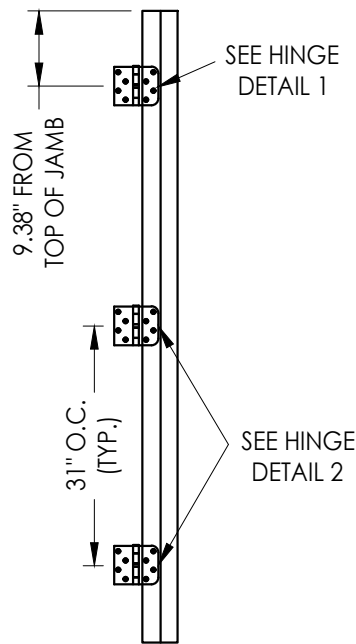


XO / OX

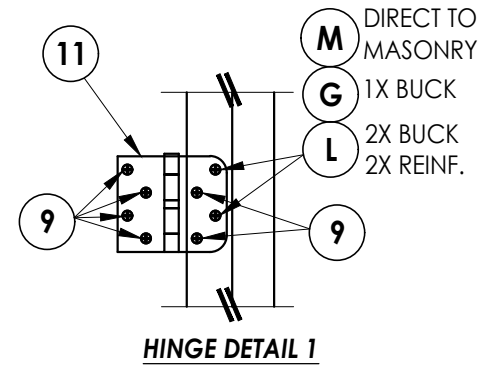


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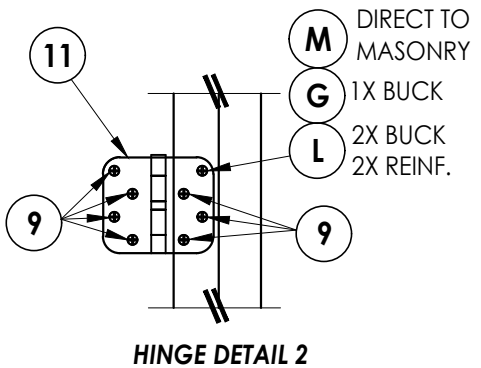
FRAME ANCHORING



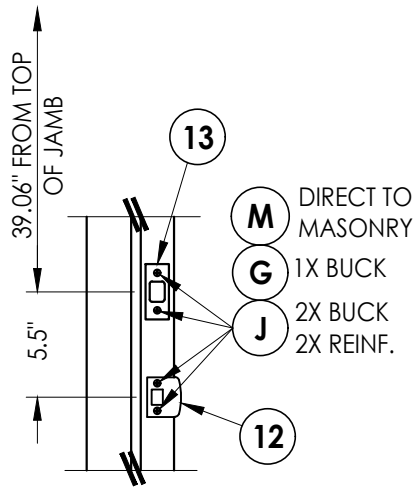
HINGE JAMB



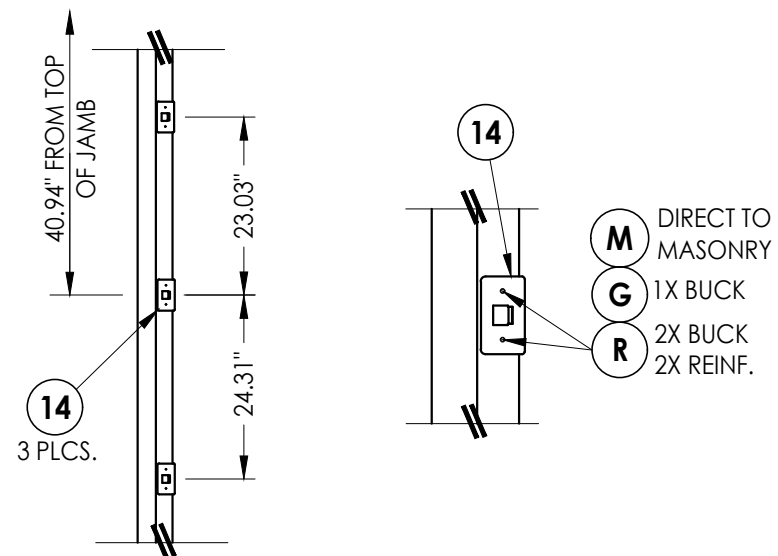
HINGE DETAIL 1



HINGE DETAIL 2



LATCH & DEADBOLT DETAILS



MULTI-POINT STRIKE DETAILS

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

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:	FRAME ANCHORING & HARDWARE DETAILS

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

DATE: 8/08/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30037.1

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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" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	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
J	#10 X 2" PFH WOOD 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
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
40	DOOR PANEL	-
50	SIDELITE PANEL	-

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" dimension are not exceeded.
3. 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"

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

