



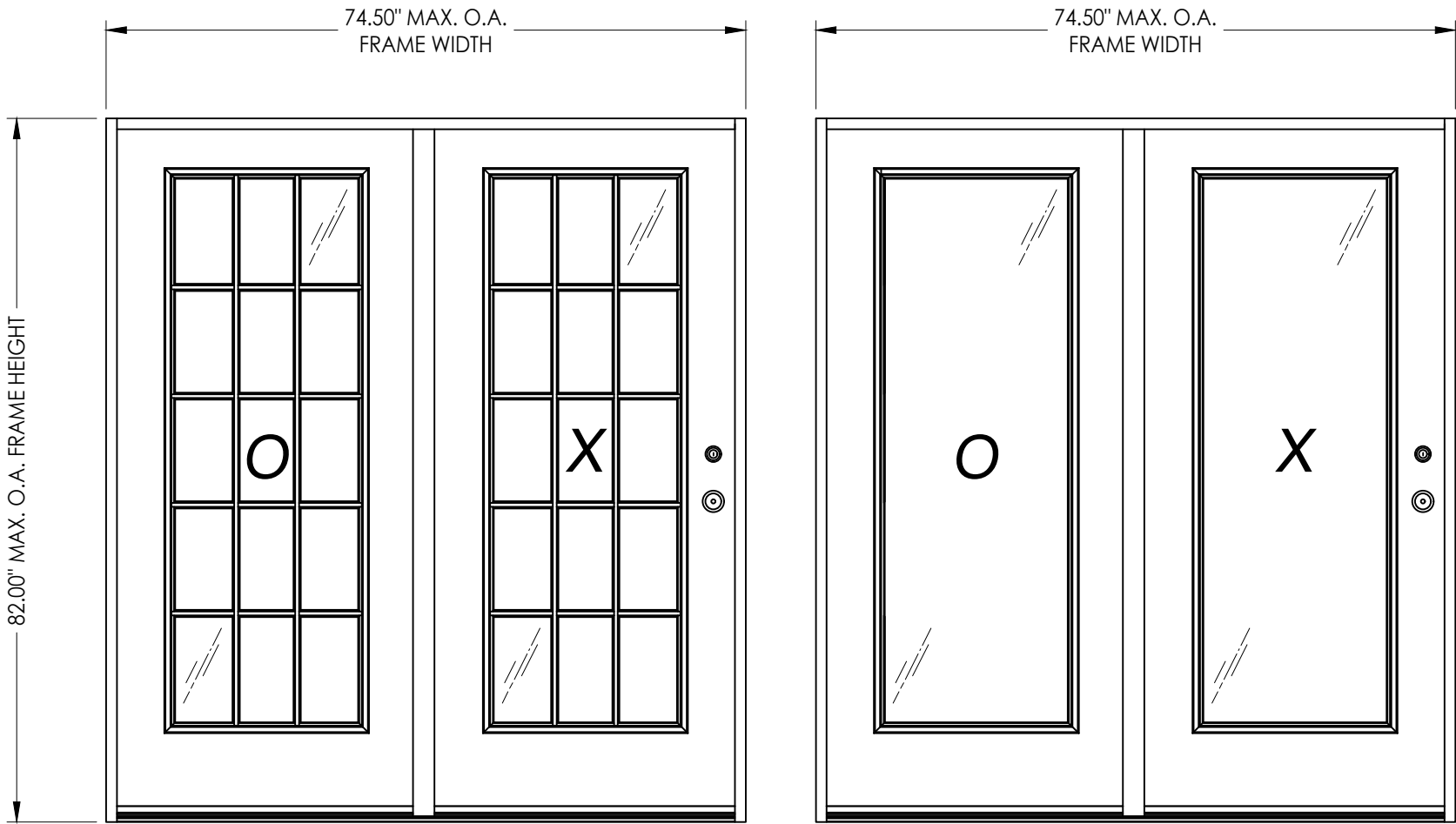
868 MURRAY ROAD, DOTHAN, AL 36303

ACHIEVER "ES"
Composite Frame System
Center Hinged Patio
Utilizing a Fiberglass Door Panel
INSWING
"NON-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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

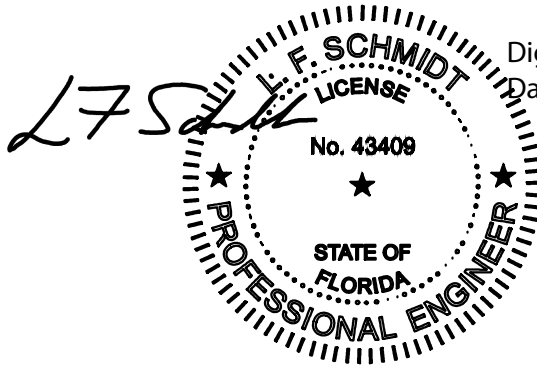
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal cross section
4	Vertical cross sections
5	Vertical cross sections
6	Buck & frame anchoring
7	Bill of materials, glazing details and components



Retangular Glazed
w/ Decorative Inserts

Retangular Glazed

DOOR TYPE	MAX. FRAME DIMENSION	MAX. O.A. PANEL DIMENSION	OVERALL D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
FIBERGLASS	74.50" X 82.00"	35.75" X 79.00"	21.00" X 63.00"	+50.0	-55.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.01 13:02:55 -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

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:
DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

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

NO.	DATE	REVISIONS				
		DATE	BY	JK	LFS	DAC
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS		
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS		
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK		

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

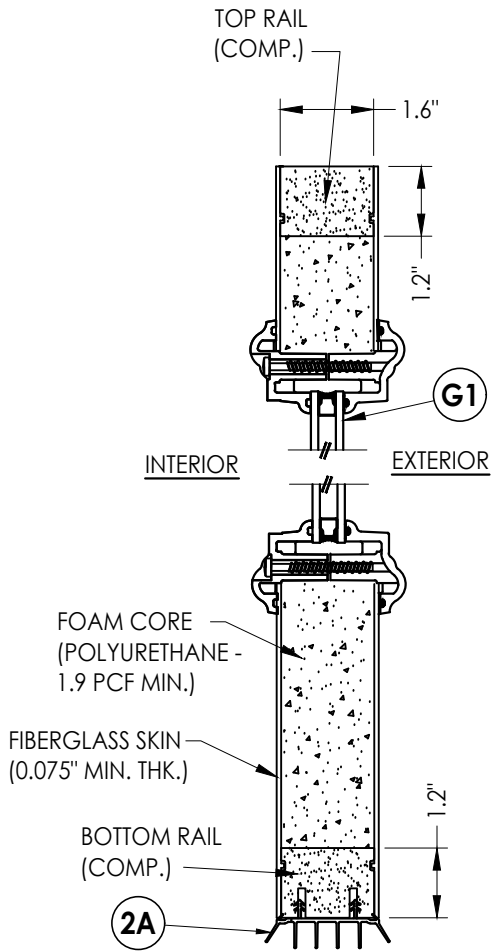
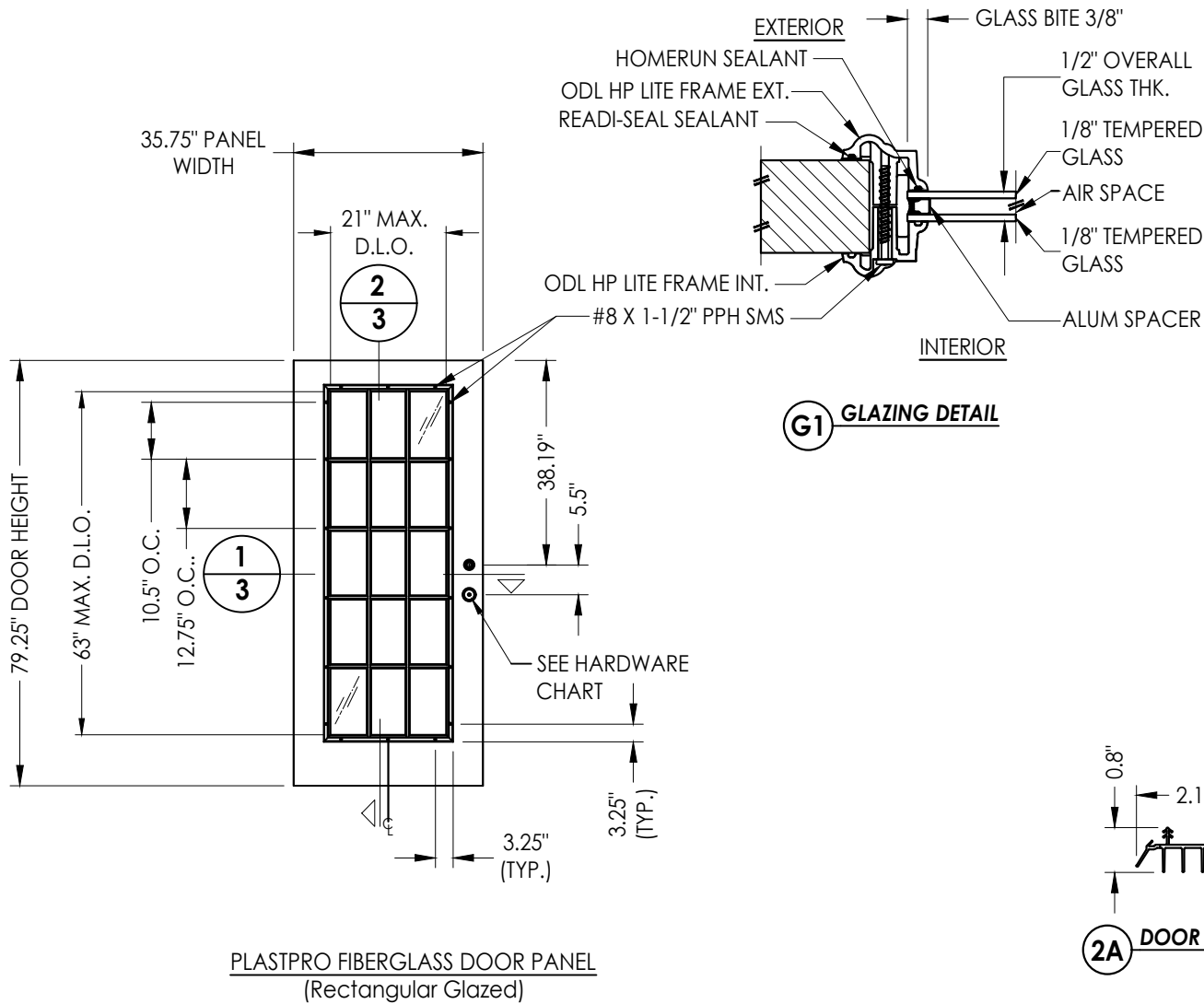
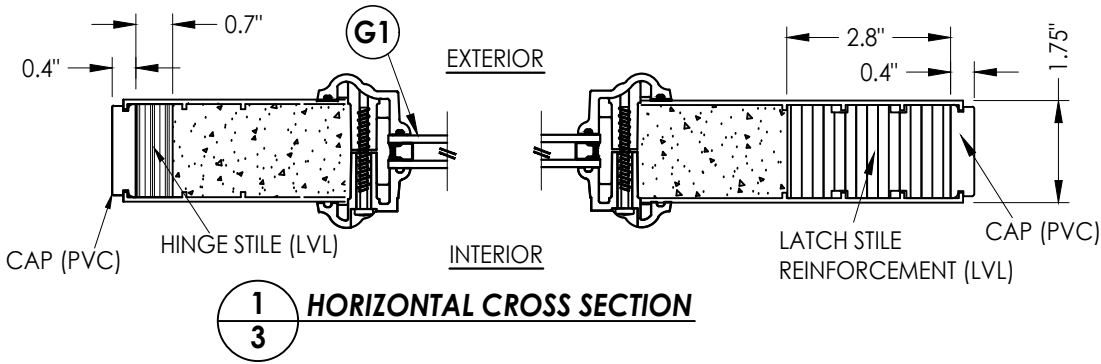
CHK. BY: LFS

DRAWING NO.:
FL-15362.12

SHEET 1 OF 7

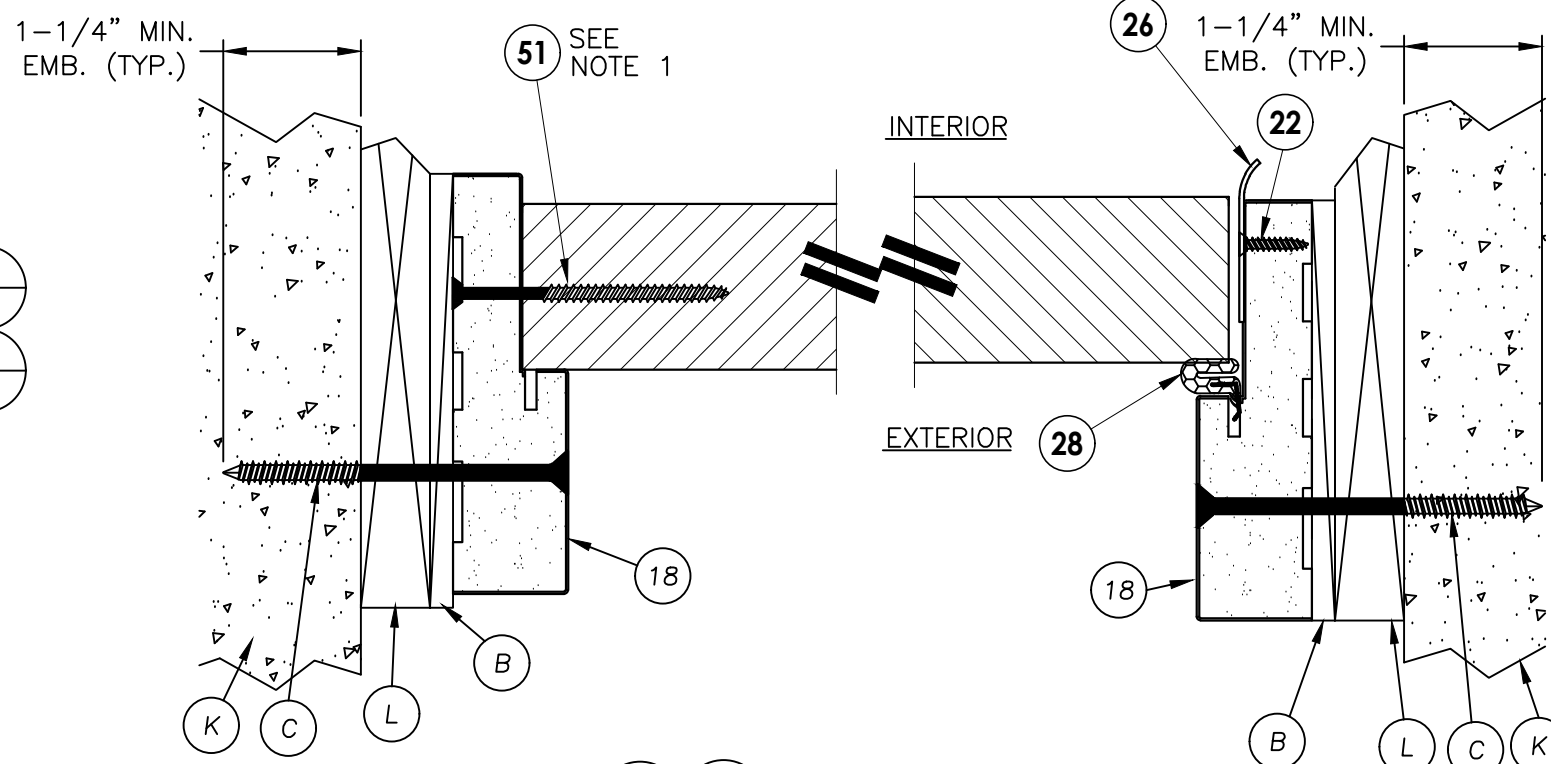
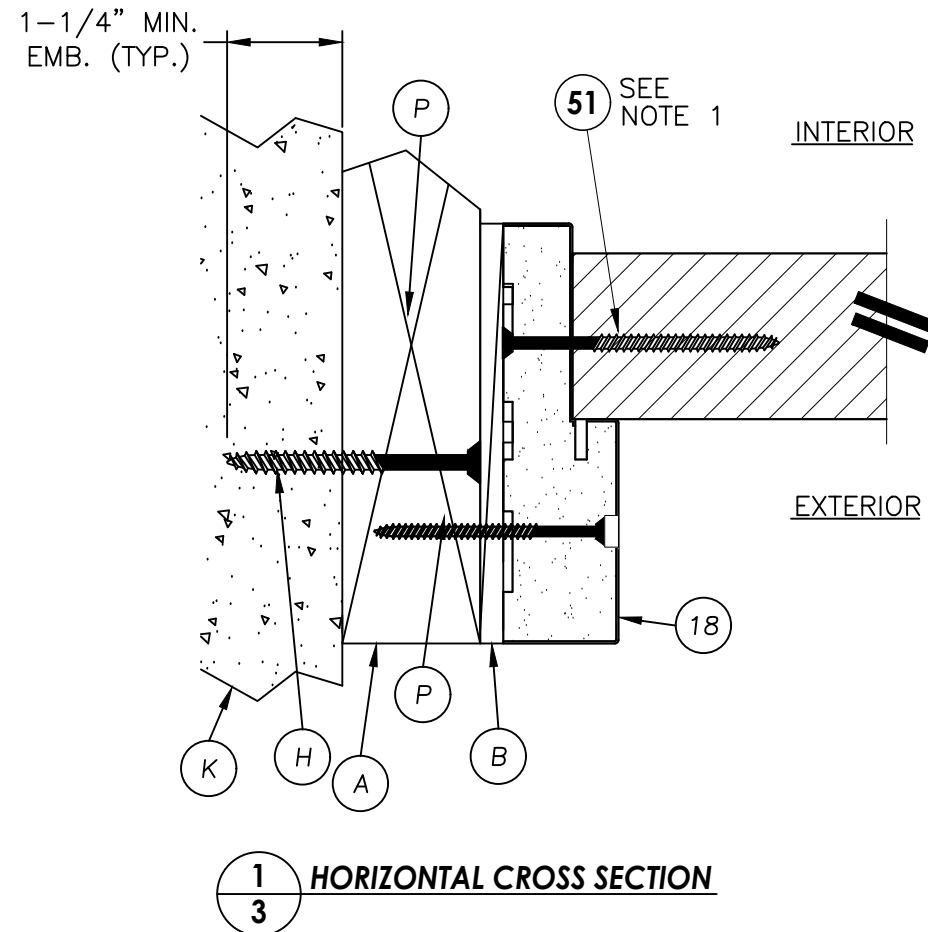
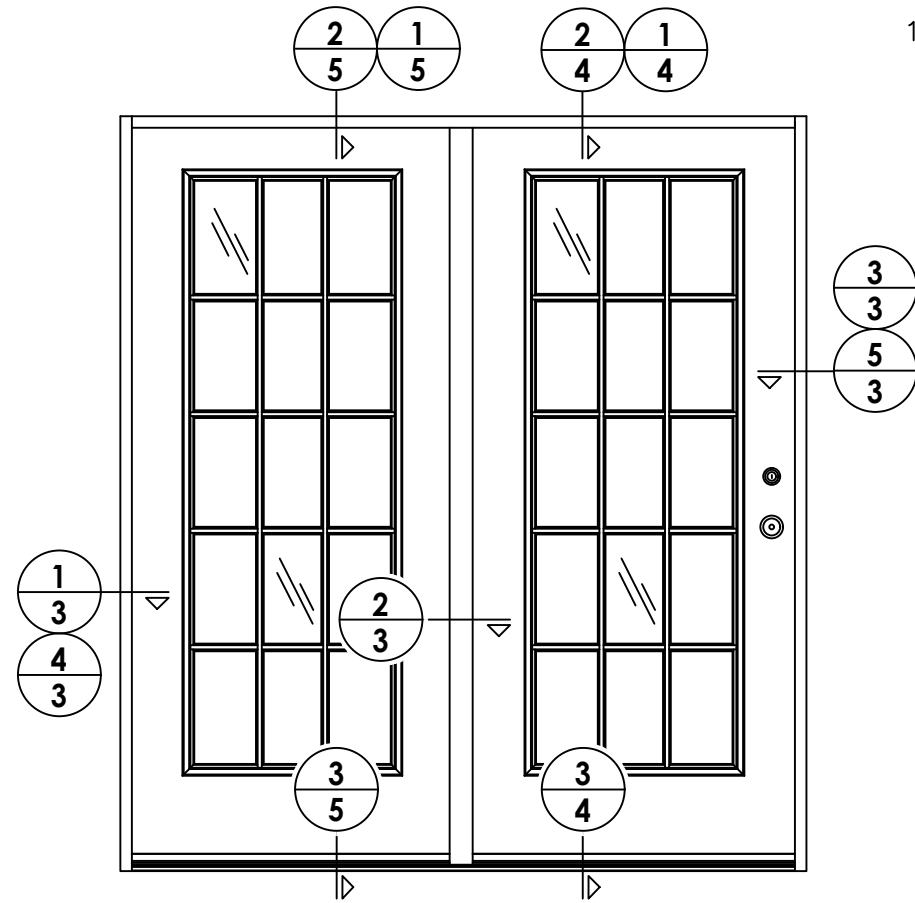
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HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	KNOB:	FT3 SERIES
	DEADBOLT:	FD2 SERIES



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PRODUCT: DUNBARTON ACHEIVER STEEL FRAME SYSTEM					PART OR ASSEMBLY: DOOR PANEL DETAILS				
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS					
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS					
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC					
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS					
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK					
NO	DATE			BY					
					REVISIONS				
DATE: 03/14/12									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15362.12									
SHEET 2 OF 7									

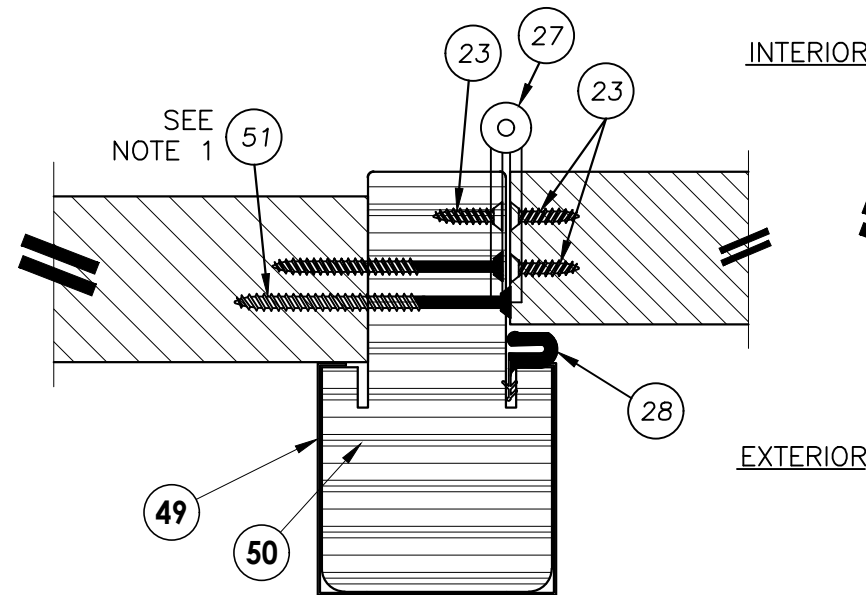
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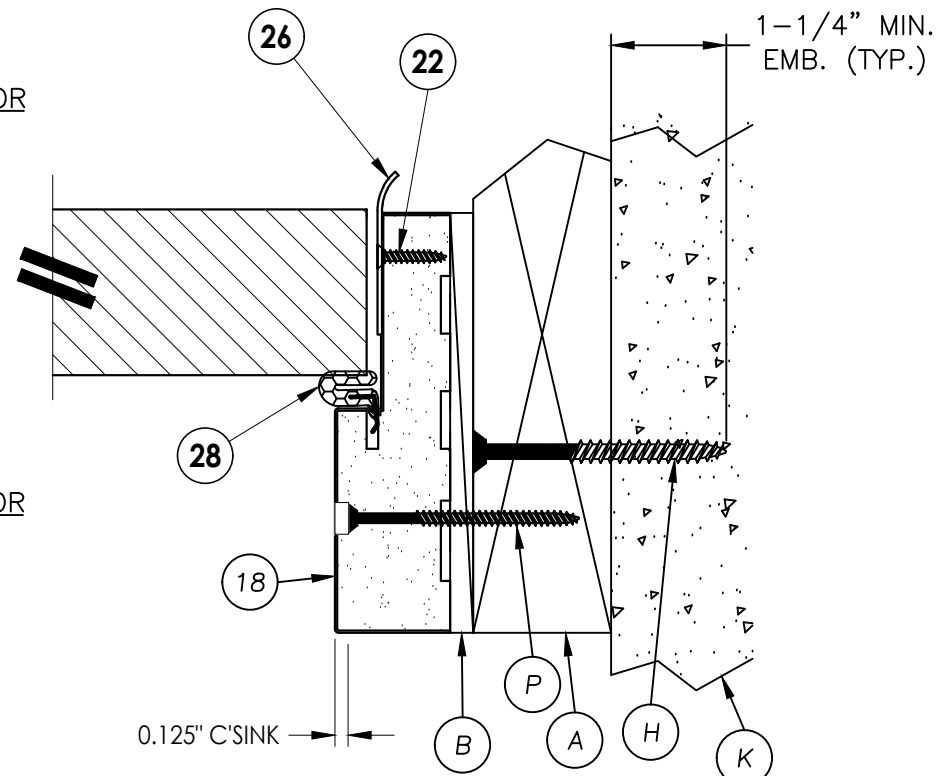
4 5 HORIZONTAL CROSS SECTION
3 3 Shown w/1X sub-buck

NOTES:

1. SCREWS ANCHORING SIDELITE TO JAMB ITEM #51 ARE LOCATED AT 17", 30.5", 44.75" & 69" FROM THE BOTTOM OF FRAME.



2 3 HORIZONTAL CROSS SECTION



3 3 HORIZONTAL CROSS SECTION

PRODUCT: DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/11/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

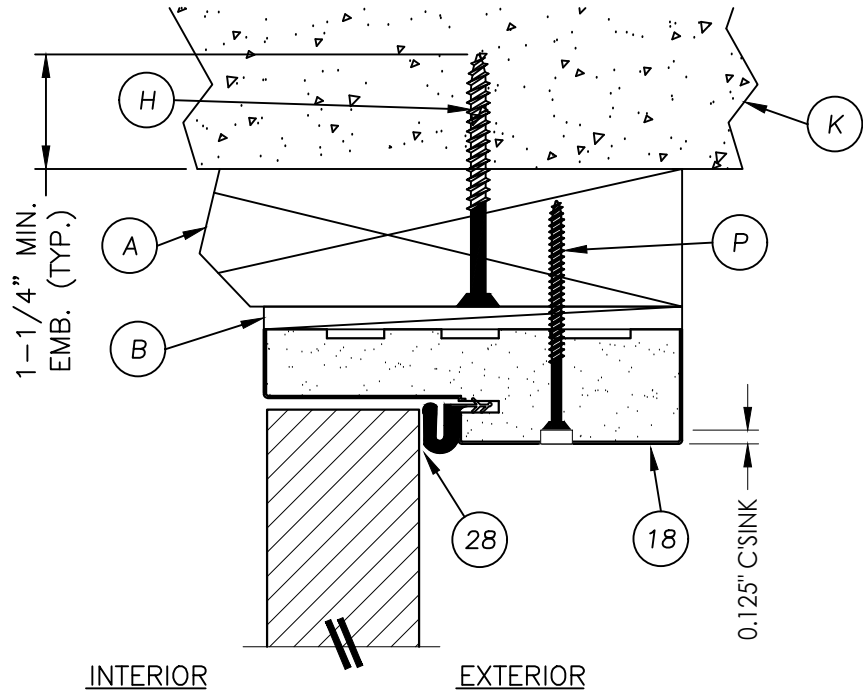
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SHEET 3 OF 7

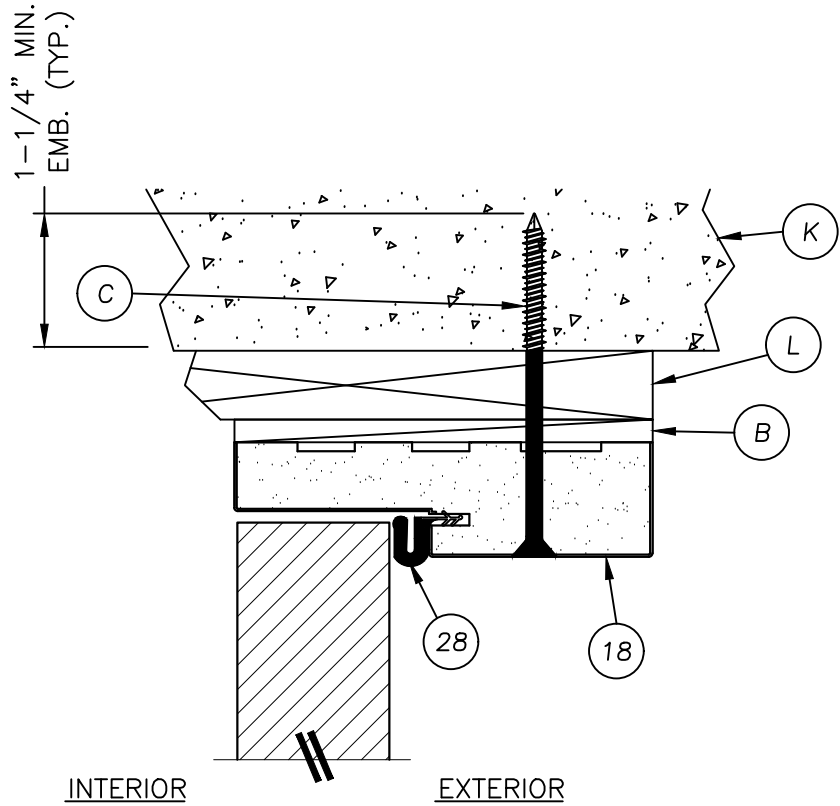
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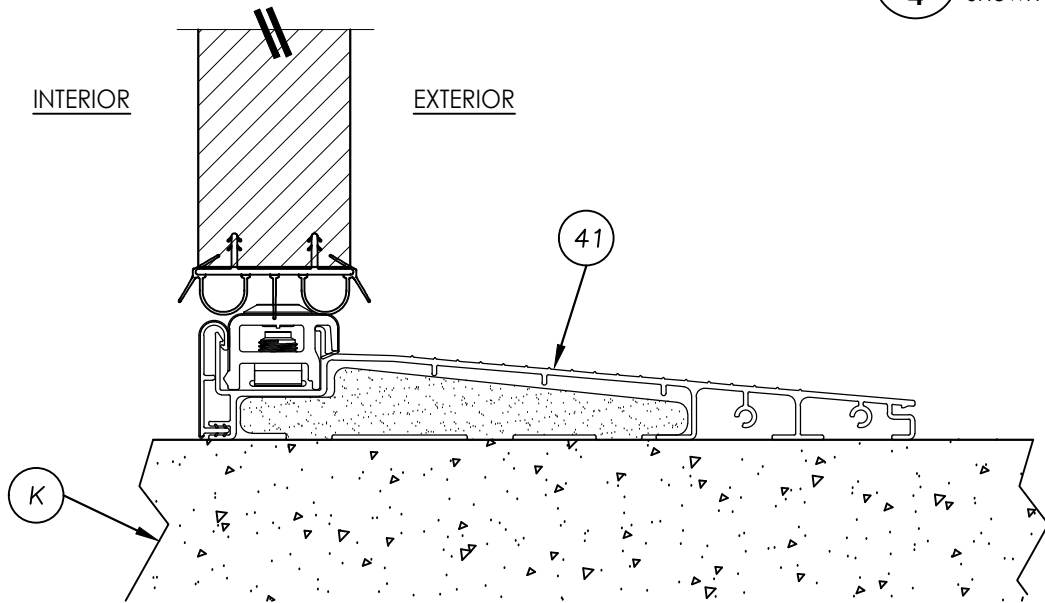
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1
4 VERTICAL CROSS SECTION



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



3
4 VERTICAL CROSS SECTION

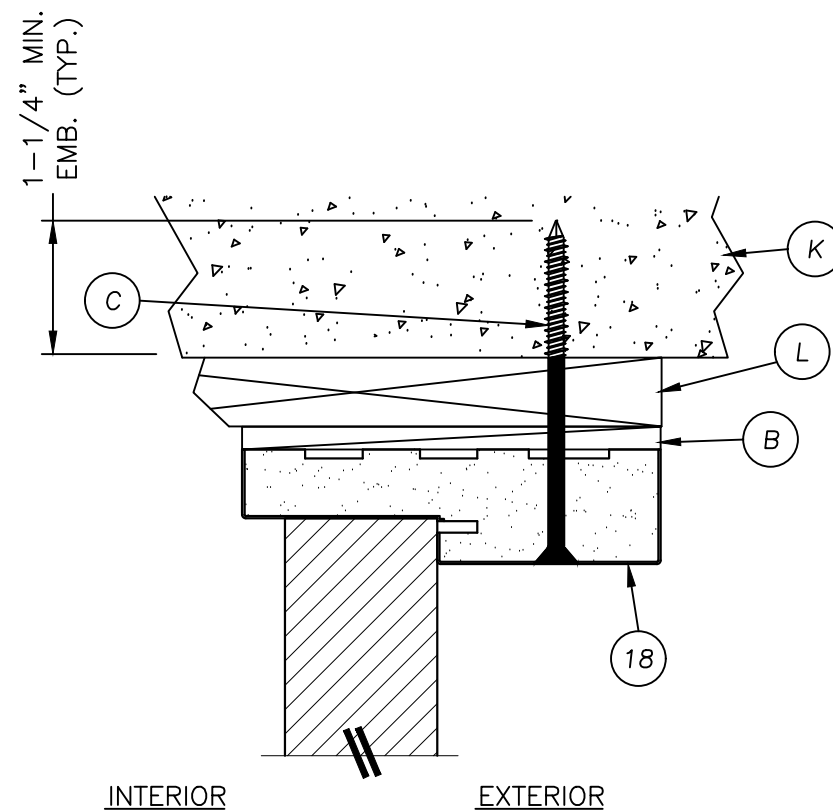
NO	DATE	REVISIONS			
		NO	DATE	BY	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC	
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.12
SHEET	4 OF 7

PRODUCT:	DUNBARTON ACHIEVER "ES" INSWING "NON-IMPACT"
	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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

3 5 VERTICAL CROSS SECTION



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

5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY
REVISIONS				

DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.12
SHEET	5 OF 7

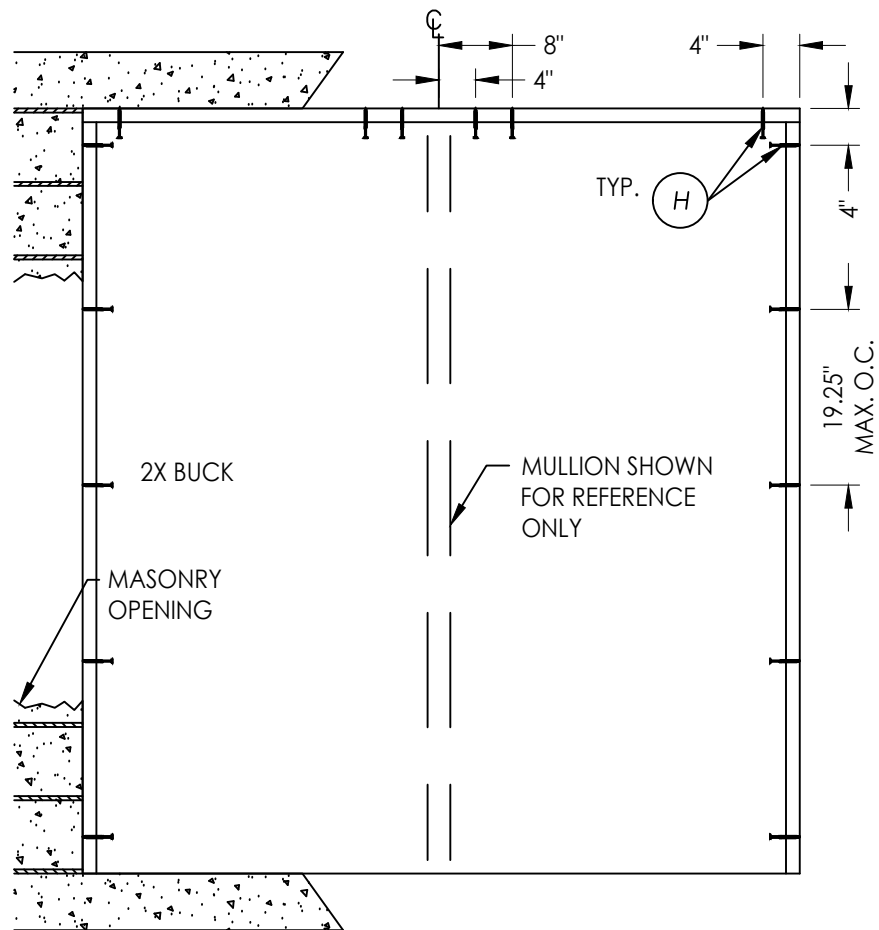
PRODUCT: DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (SIDELITE)

Documents Prepared By:
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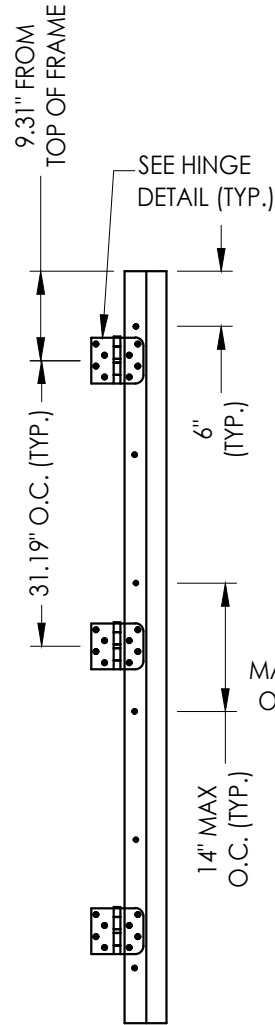
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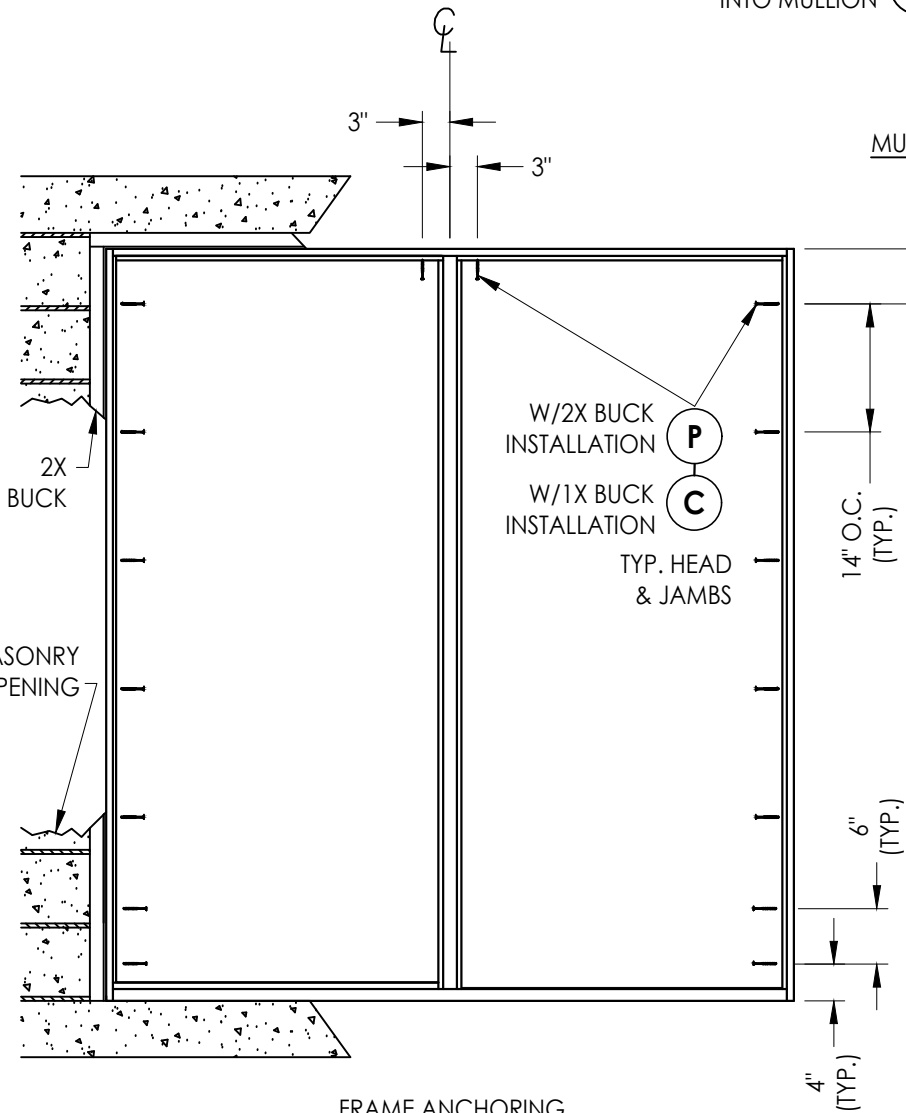
BUCK ANCHORING



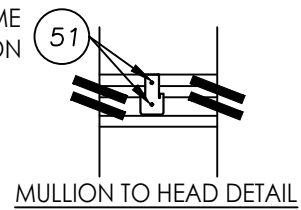
SIDELITE JAMB



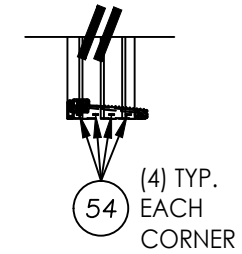
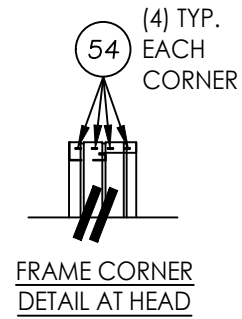
HINGE MULLION



FRAME ANCHORING



STRIKE JAMB



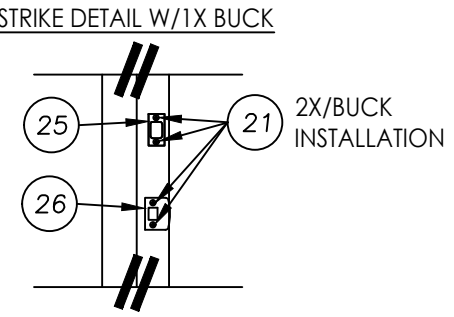
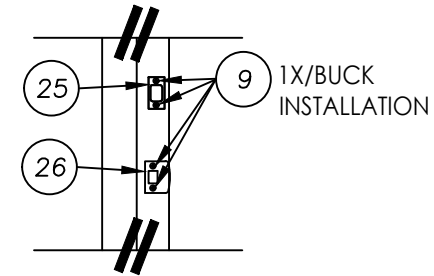
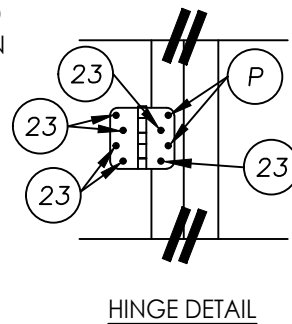
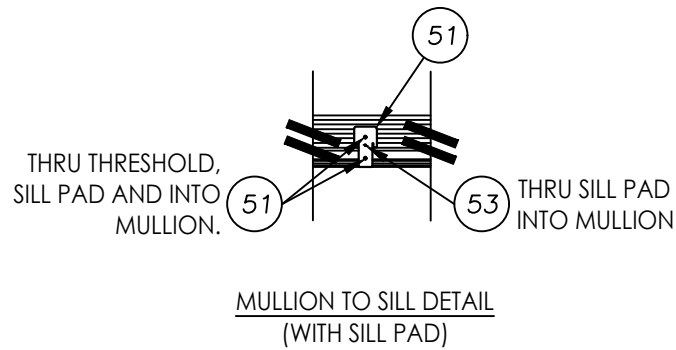
CONCRETE ANCHOR NOTES:

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" 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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



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DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

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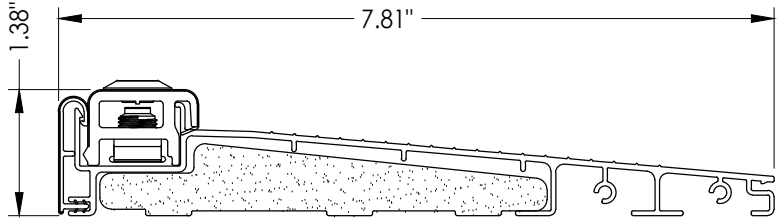
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

DATE	NO.	DATE	BY
7/01/26	5	7/01/26	JK
7/06/23	4	7/06/23	LFS
8/11/20	3	8/11/20	DAC
9/29/17	2	9/29/17	FBC
3/23/15	1	3/23/15	FBC

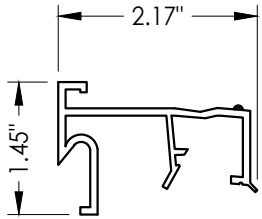
DATE: 03/14/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15362.12
SHEET 6 OF 7

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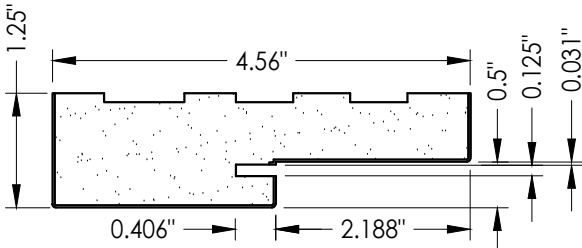
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X BUCK SG >= 0.55	WOOD
B	1/4" MAX. SHIM SPACE	WOOD
C	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREWS	STEEL
H	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREWS	STEEL
K	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
L	1X BUCK SG >= .55	WOOD
P	#10 x 2-1/2" PFH WOOD SCREWS (1-1/8" MIN. EMBEDMENT)	STEEL
8	MULL PAD 4-9/16 BB ENDURA	PVC
9	3/16" X 3-1/4" ITW PFH CONCRETE SCREWS	STEEL
18	POLY FIBER JAMB (World Wide Door Comp.)	COMP
22	#7 X 3/4" PFH SCREWS	STEEL
23	#9 X 3/4" PFH SCREWS	STEEL
24	1/4" X 3-1/4" ITW PFH CONCRETE SCREWS	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
41	INSWING THRESHOLD (ENDURA)	ALUM./COMP
49	MULLION CAP	STEEL
50	MULLION	LVL
51	#10 X 3" PFH WS	STEEL
52	INSWING SIDELITE SPACER	PVC
53	#9 X 1 1-1/2" PFH WS	STEEL
54	3/8" X 2" X .055" STAPLE	STEEL
83	1/4" x 2-1/4" ITW CONCRETE SCREWS	STEEL



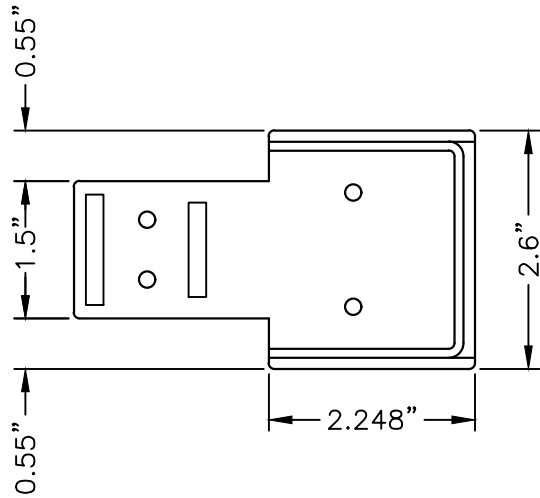
41 **INSWING THRESHOLD**
Endura



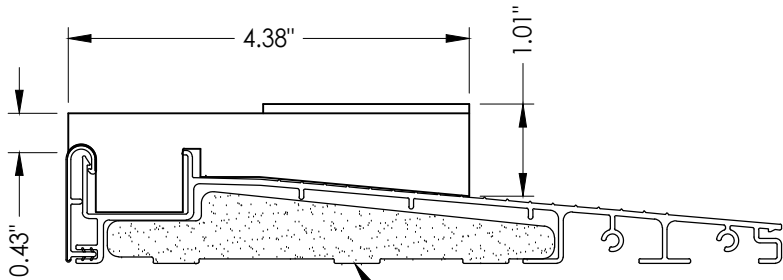
52 **INSWING SIDELITE SPACER**



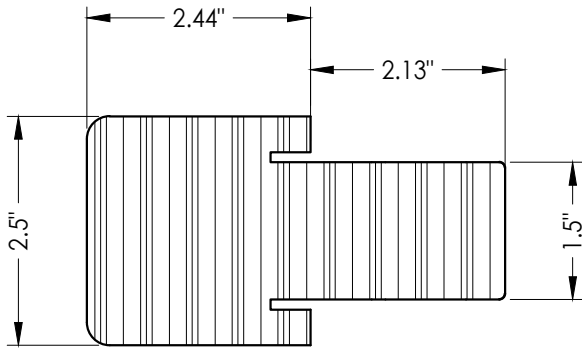
18 **POLY FIBER JAMB**
(World Wide Door Comp.)



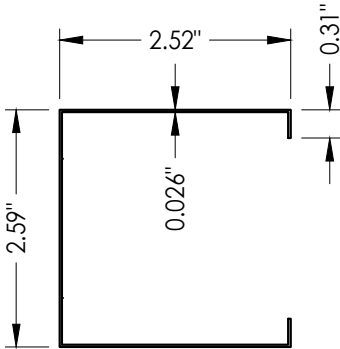
8 **MULL PAD**
Spacer



THRESHOLD
SHOWN FOR
REF. ONLY



50 **MULLION**



49 **MULLION CAP**

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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:
DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/11/20	UPDATE TO 7th ED. (2020) FBC DAC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15362.12

SHEET 7 OF 7