



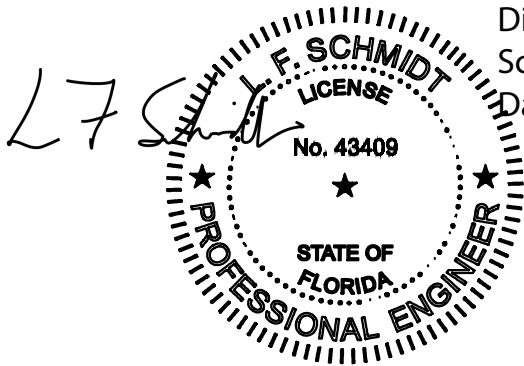
868 MURRAY ROAD, DOTHAN, AL 36303

ACHIEVER "ES"
Composite Frame System
Center Hinged Patio
Utilizing a Steel Door Panel
INSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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.

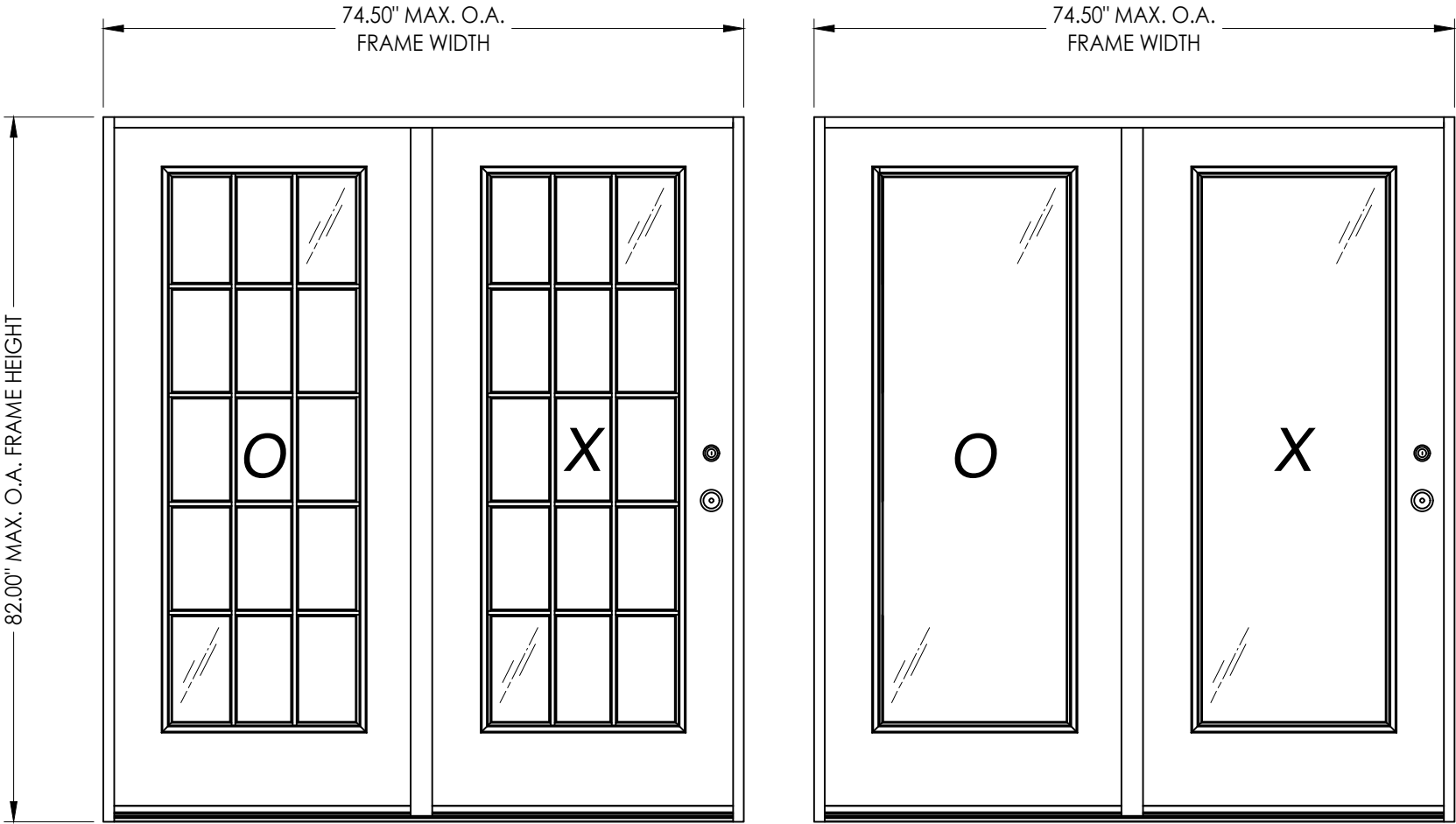
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal cross section
4	Vertical cross sections
5	Vertical cross sections
6	Buck & frame anchoring
7	Bill of materials, glazing details and components



Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 18:17:33 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
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THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



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
STEEL	74.50" X 82.00"	35.75" X 79.00"	21.00" X 63.00"	+50.0	-55.0

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

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

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15362.9

SHEET 1 OF 7

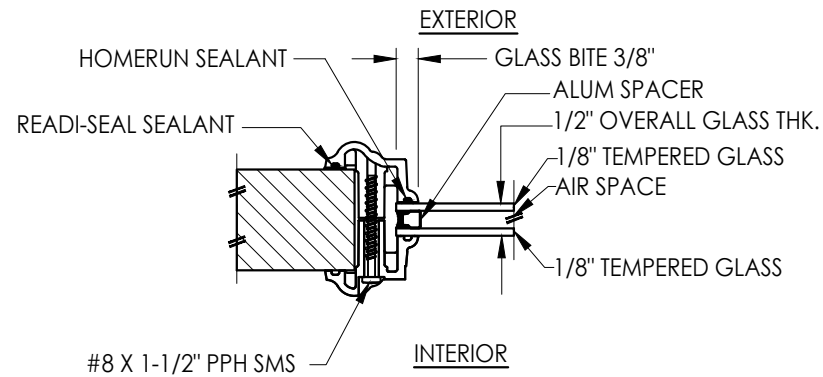
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

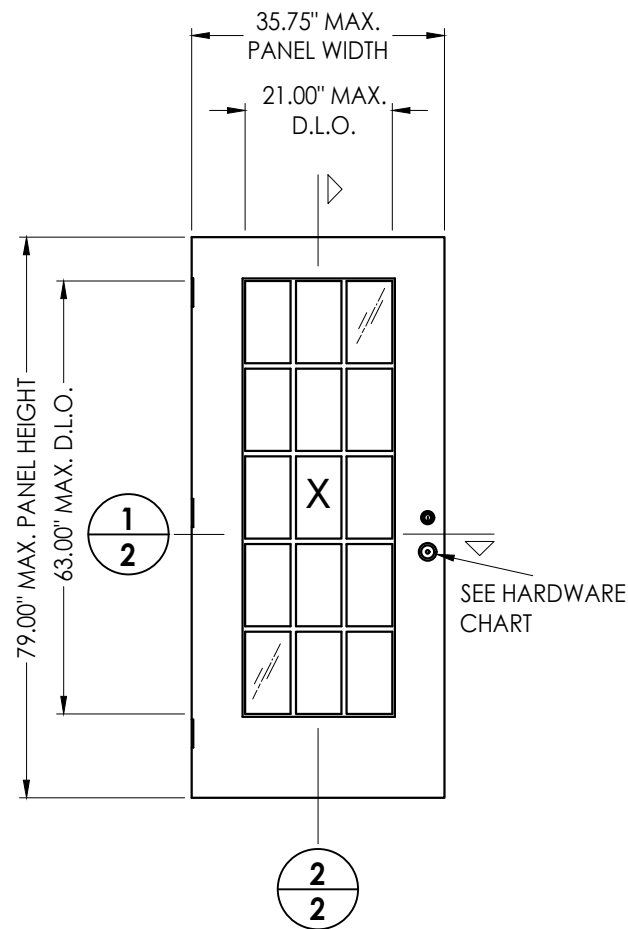
REVISIONS

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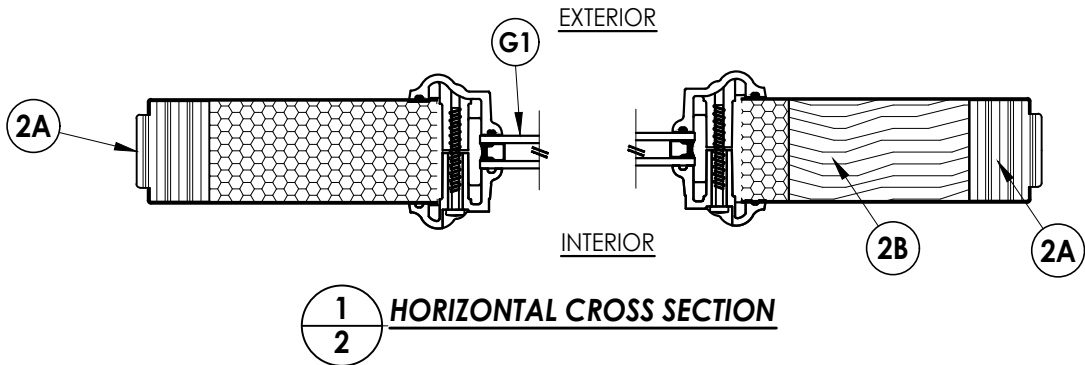
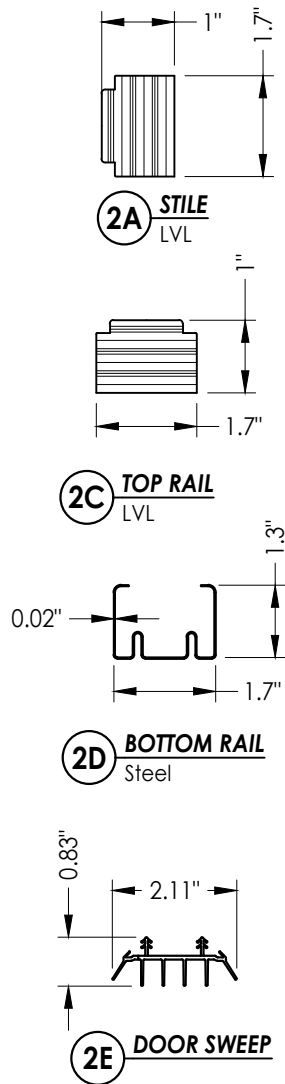
HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	KNOB:	FT3 SERIES
	DEADBOLT:	FD2 SERIES



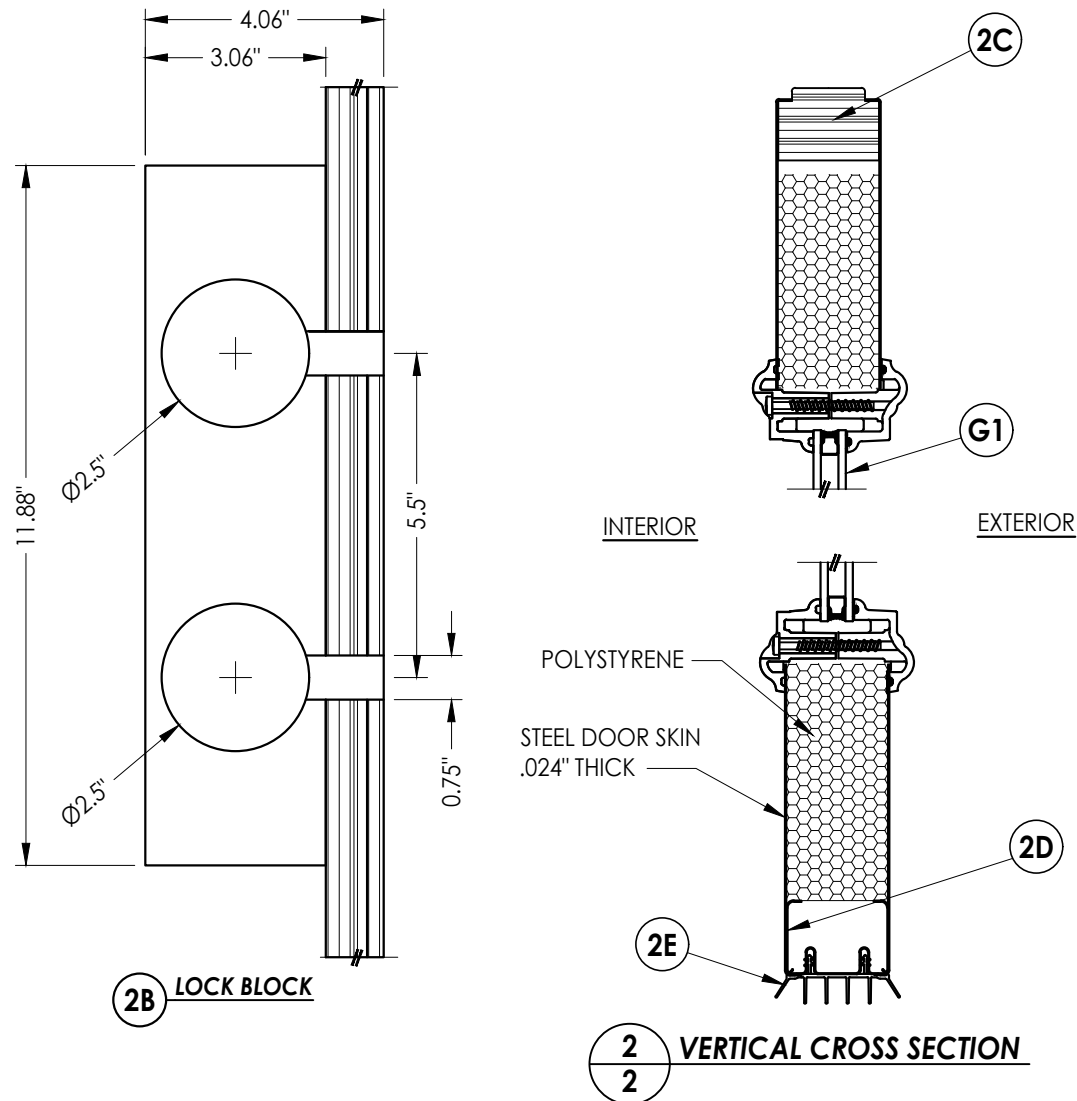
G1 GLAZING DETAIL
ODL HP Lite Frame



JELD-WEN STEEL DOOR PANEL
(Rectangular Glazed)



1/2 HORIZONTAL CROSS SECTION



2/2 VERTICAL CROSS SECTION

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

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

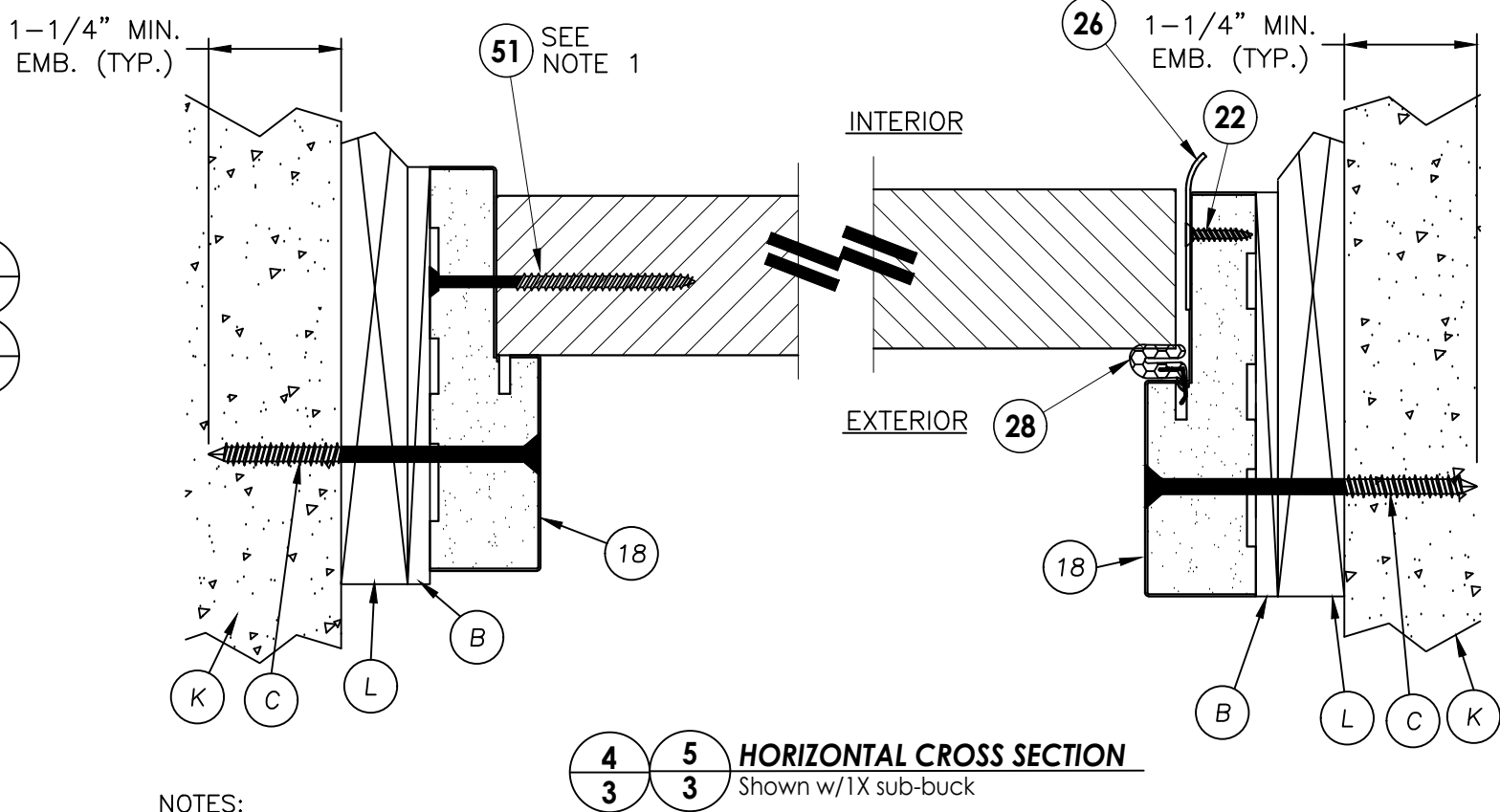
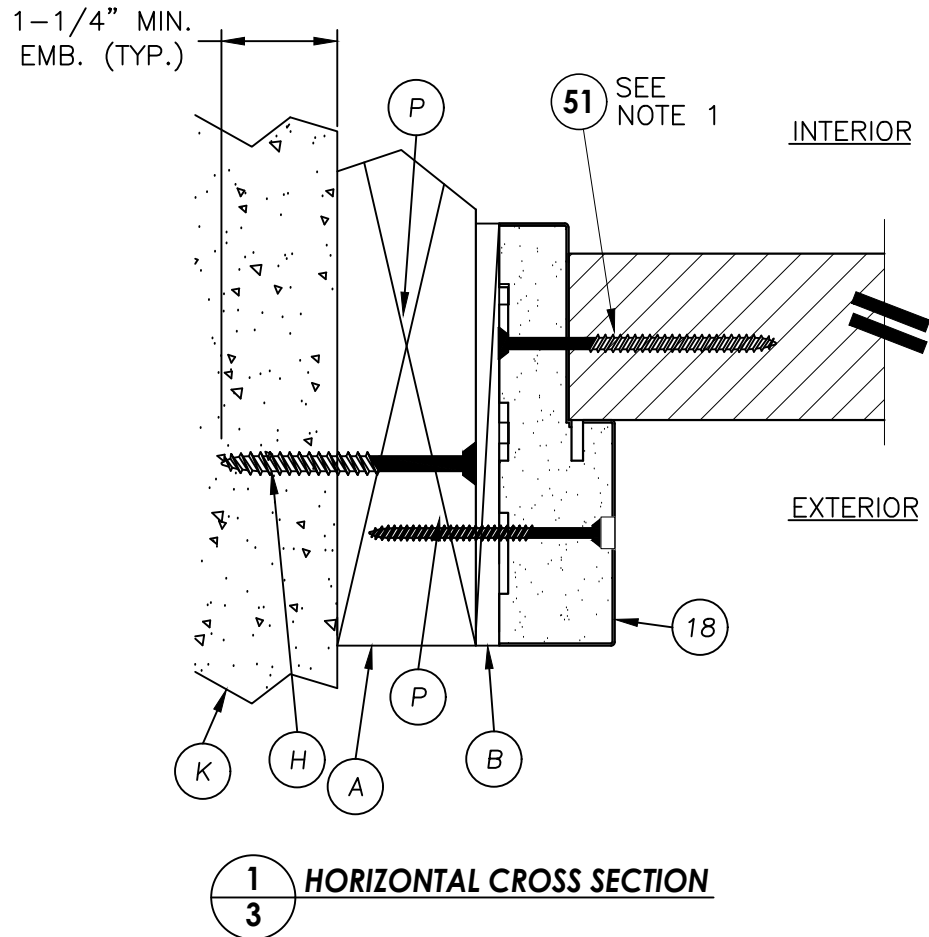
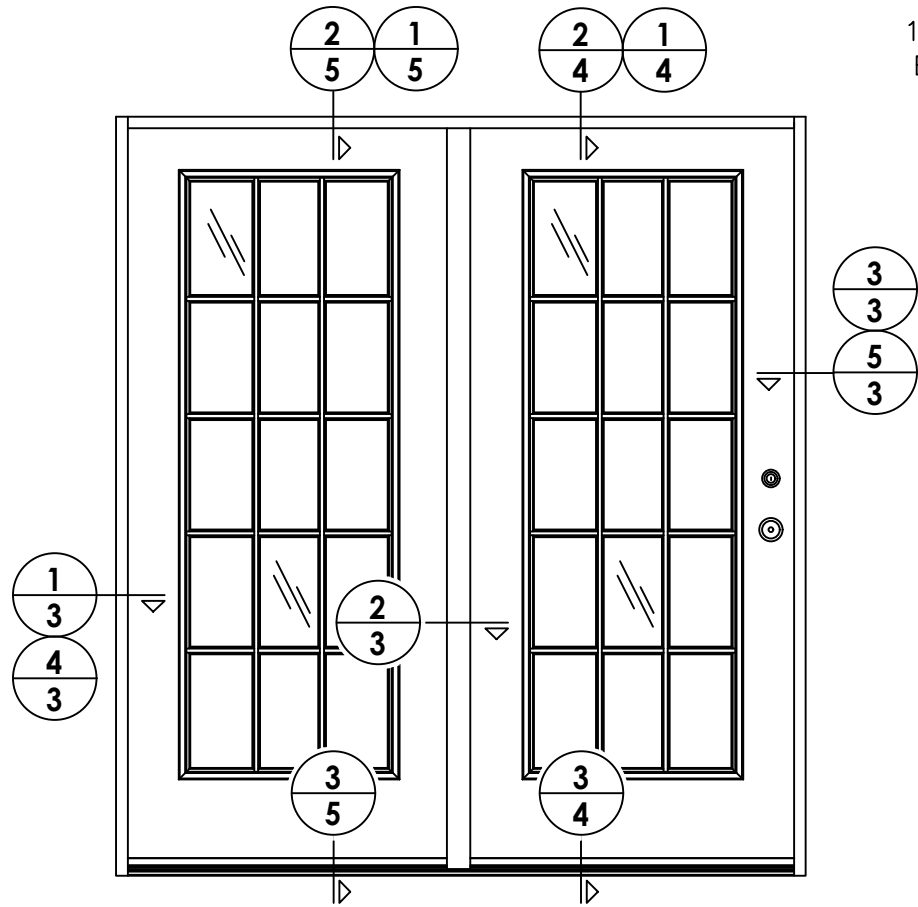
CHK. BY: LFS

DRAWING NO.:

FL-15362.9

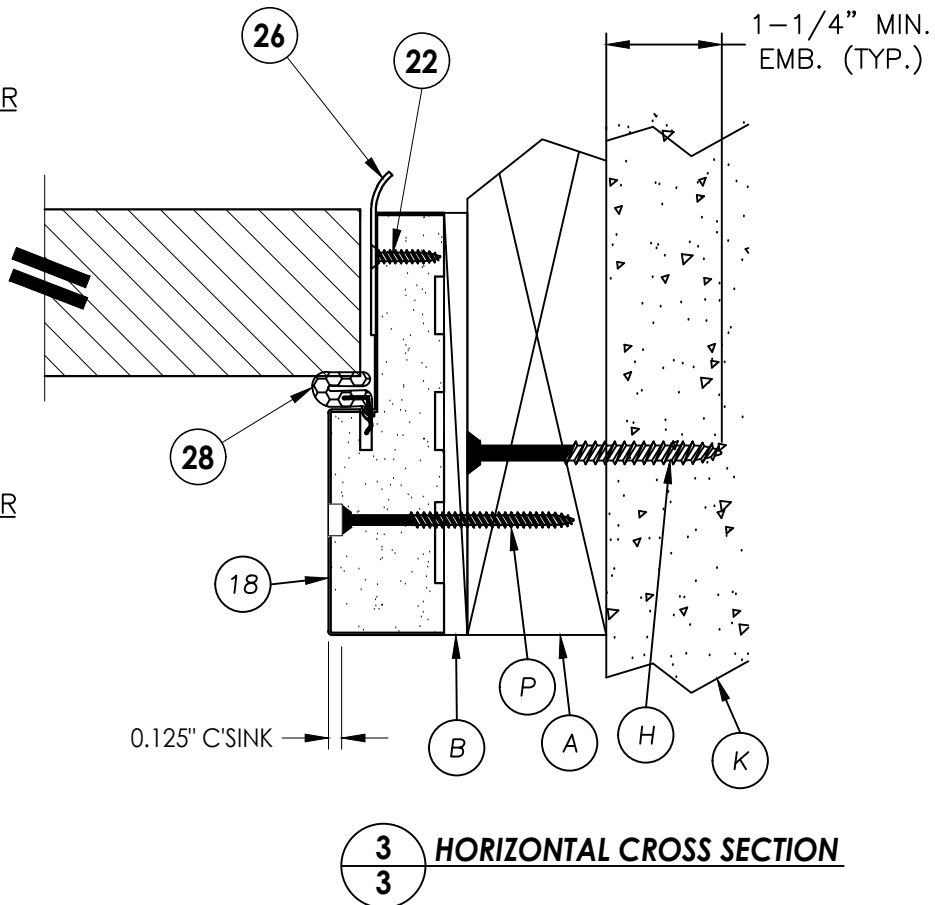
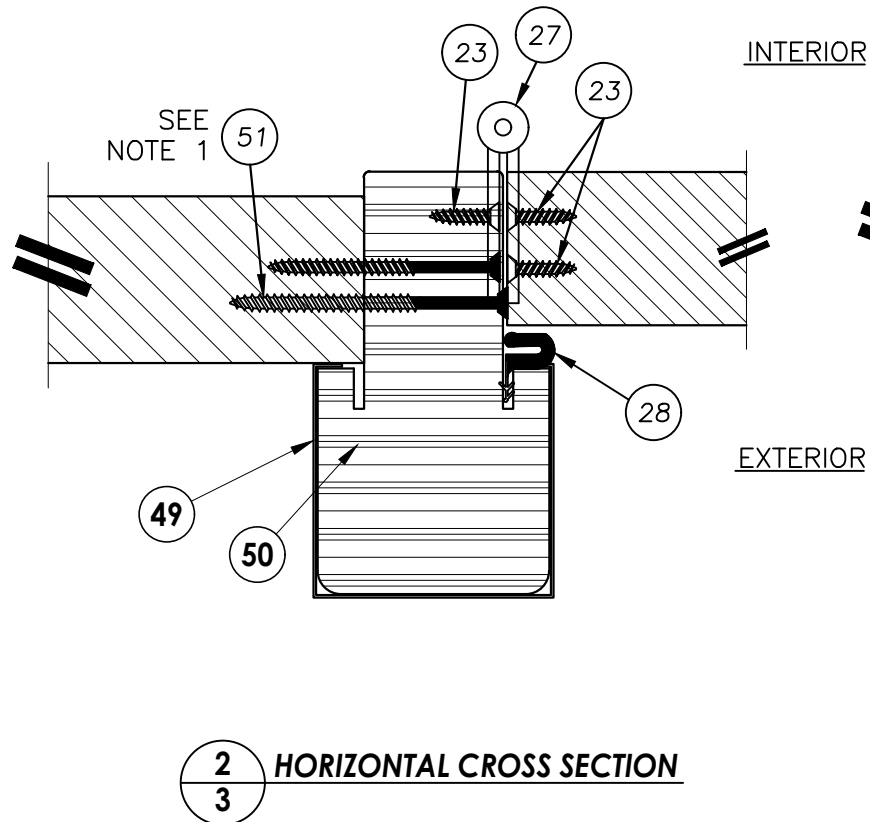
SHEET 2 OF 7

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NOTES:

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



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FBPE Registry No. 9813

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

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

NO.	DATE	REVISIONS
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.

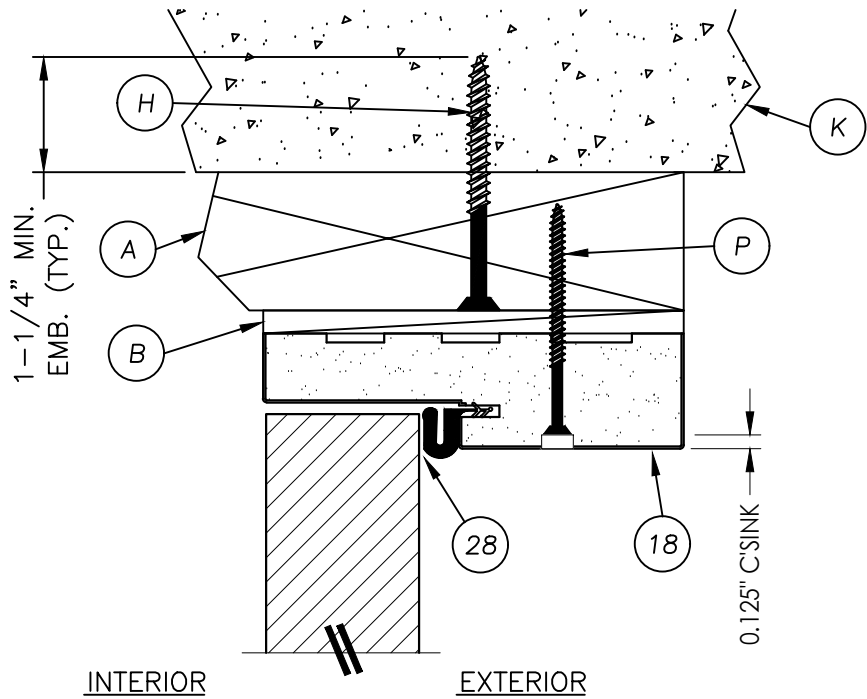
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CHK. BY: LFS

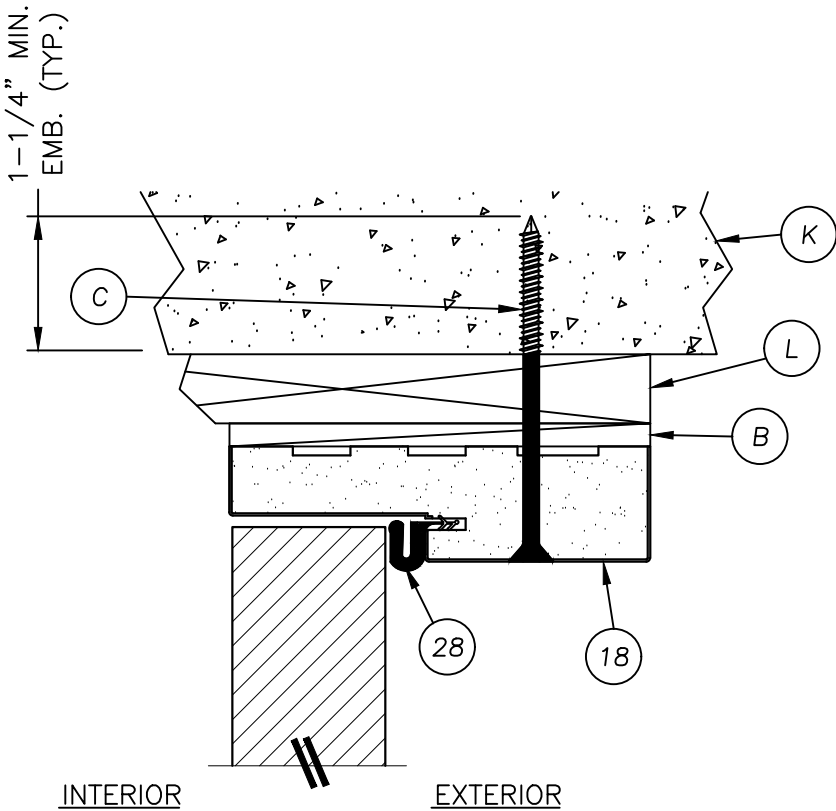
DRAWING NO.: FL-15362.9

SHEET 3 OF 7

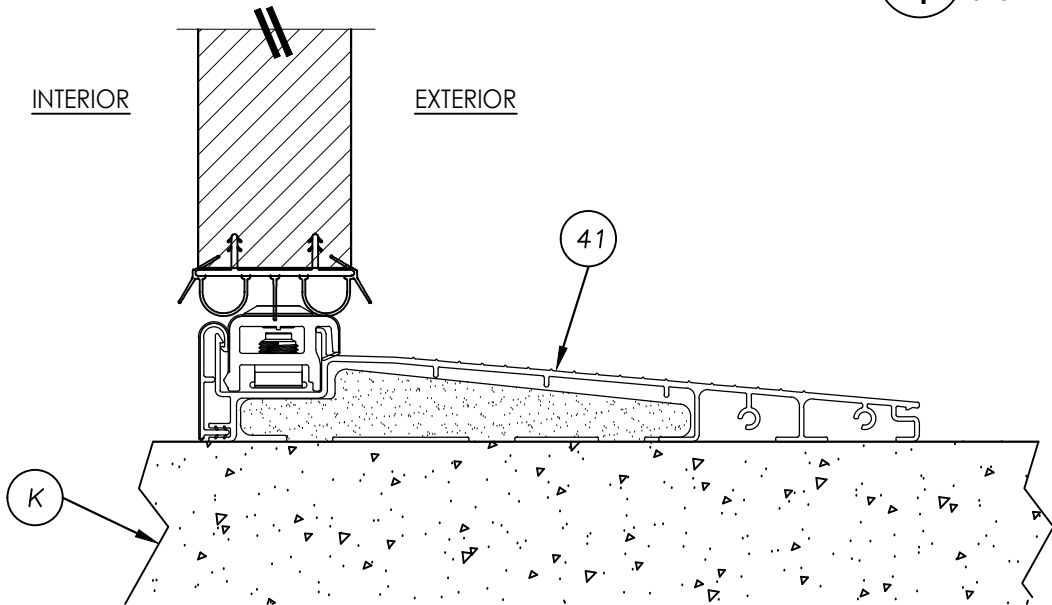
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1
4 VERTICAL CROSS SECTION



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



3
4 VERTICAL CROSS SECTION

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					

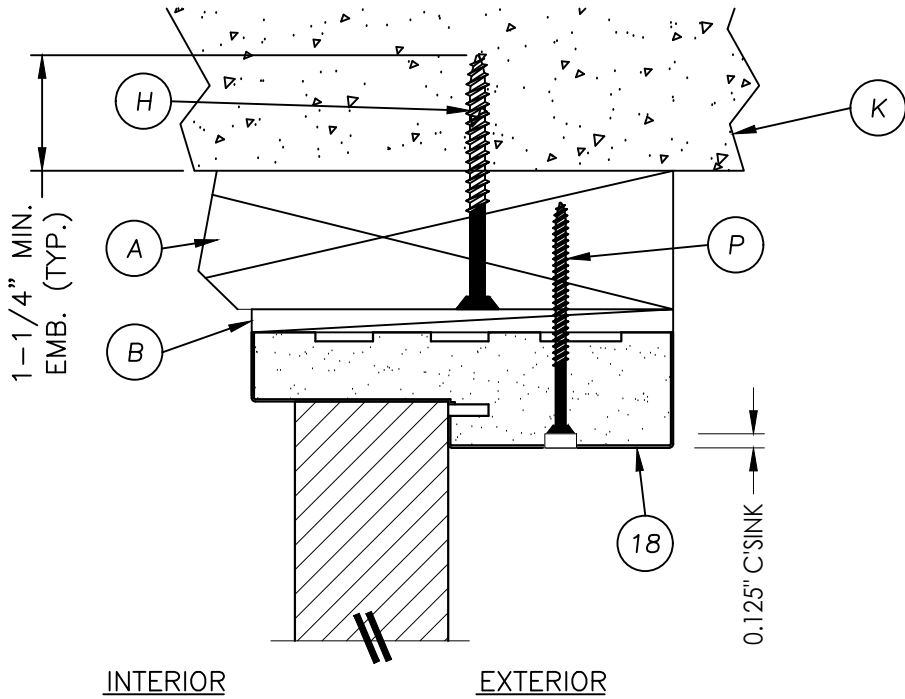
DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.9
SHEET	4 OF 7

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

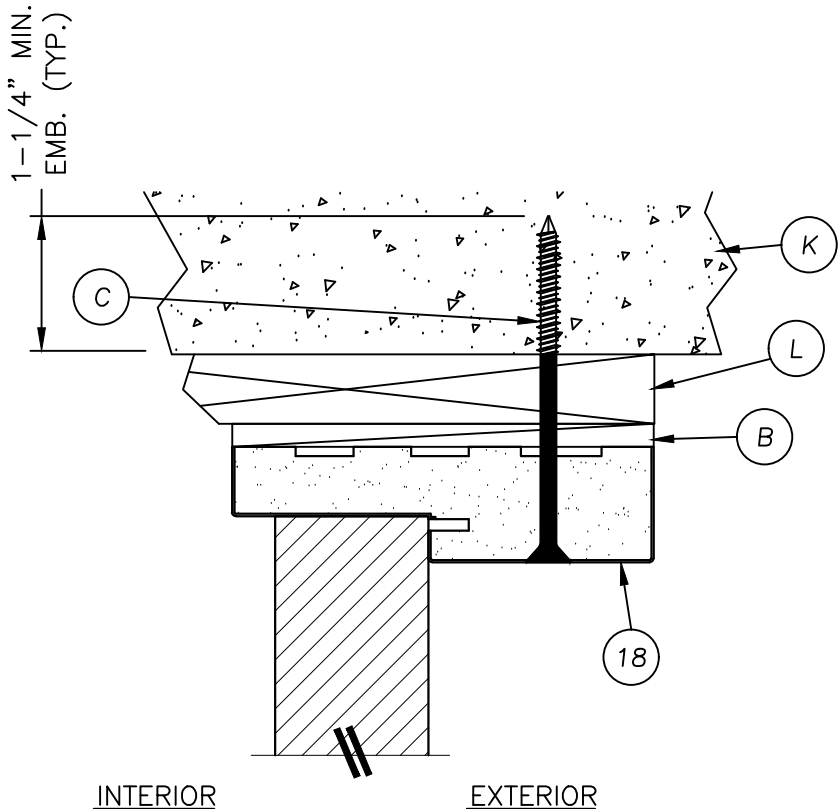
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
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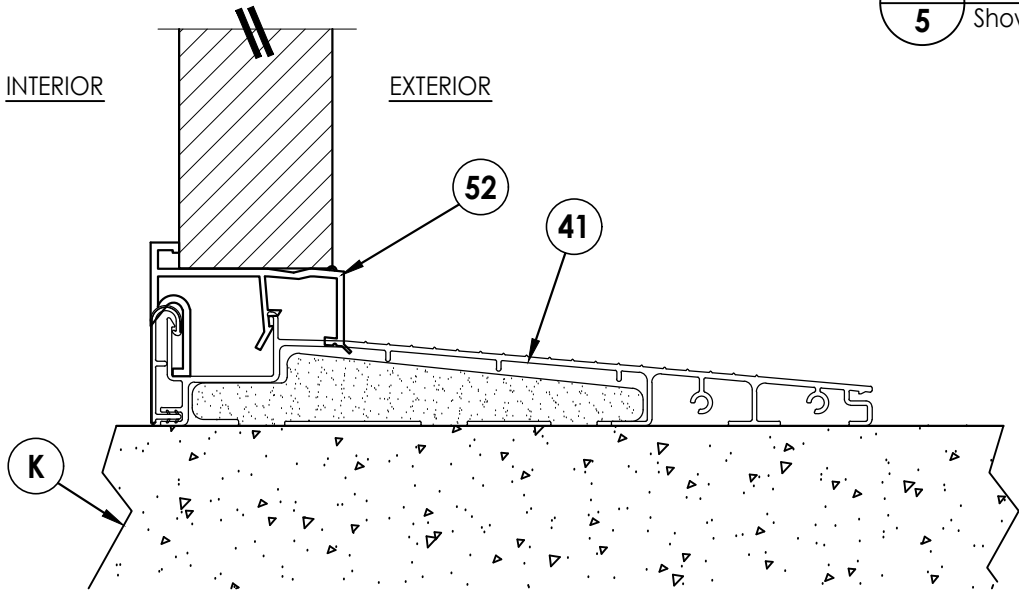
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1
5 VERTICAL CROSS SECTION



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



3
5 VERTICAL CROSS SECTION

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15362.9

SHEET 5 OF 7

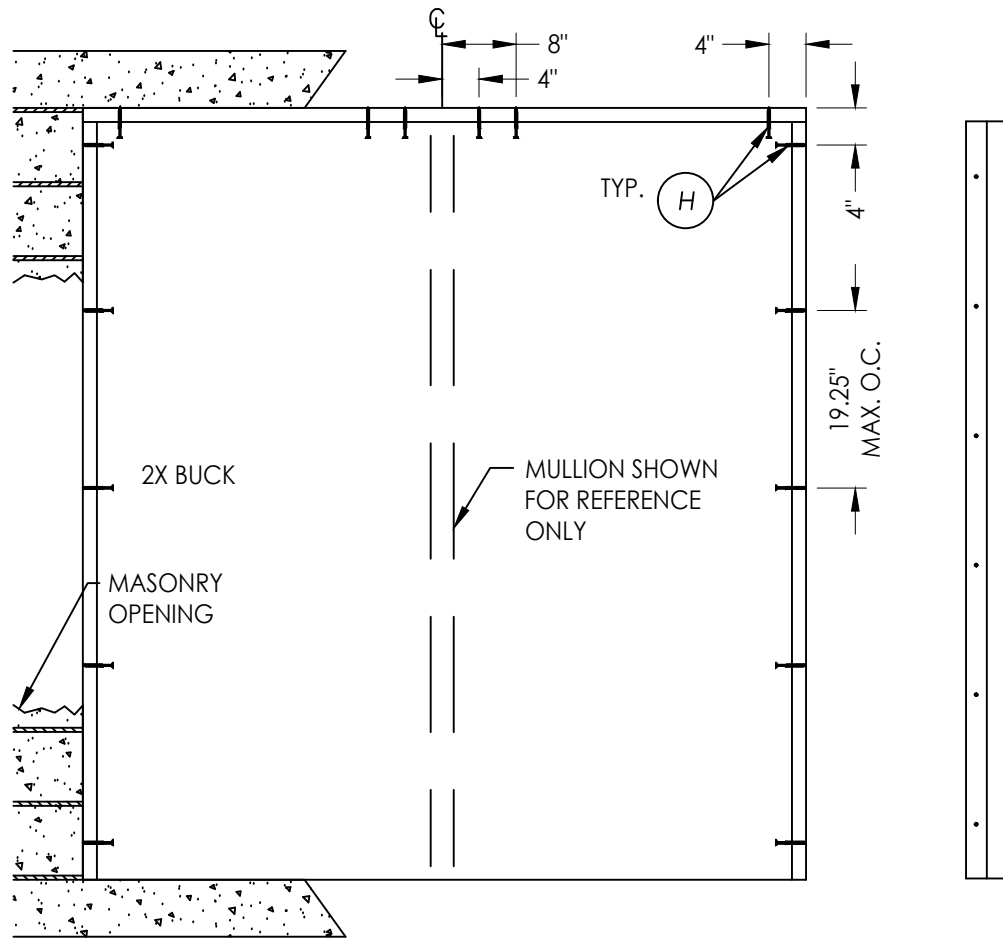
PRODUCT:
DUNBARTON ACHIEVER "ES"
INSWING "NON-IMPACT"

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (SIDELITE)

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

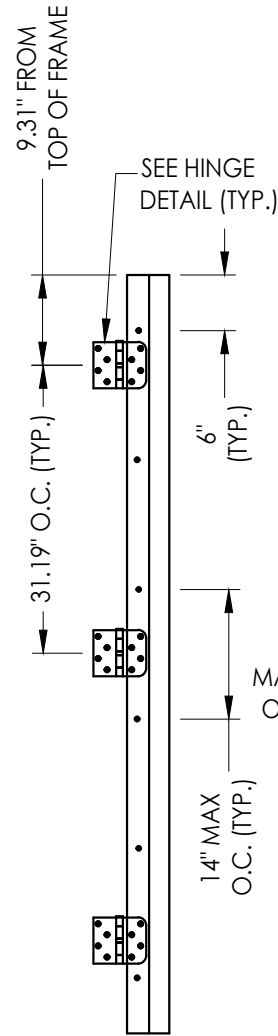
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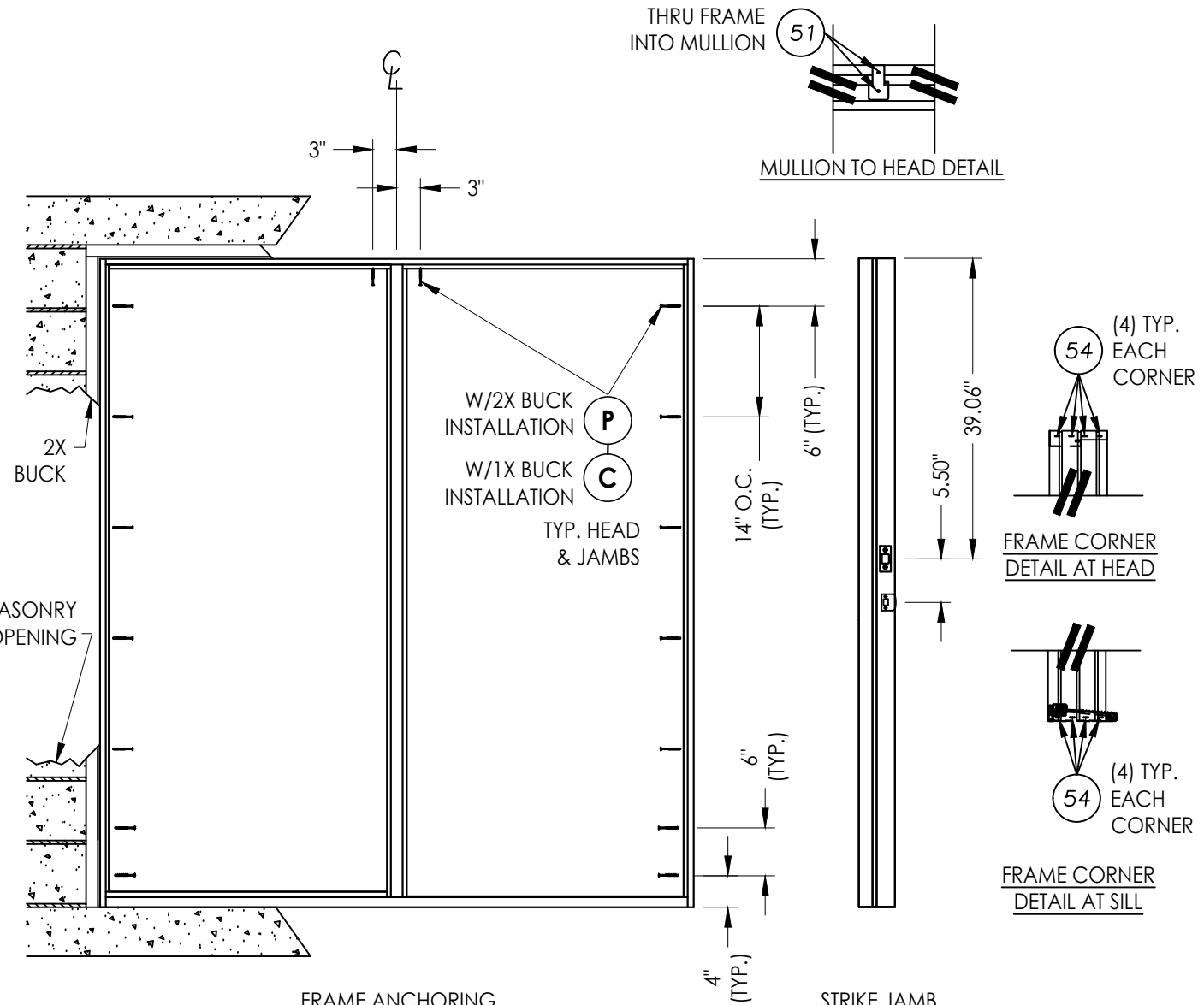


BUCK ANCHORING

SIDELITE JAMB

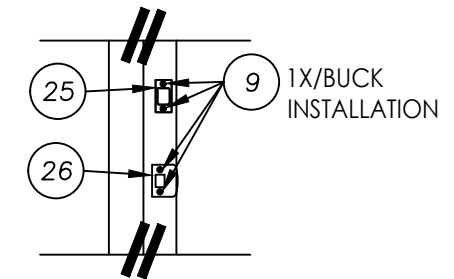


HINGE MULLION

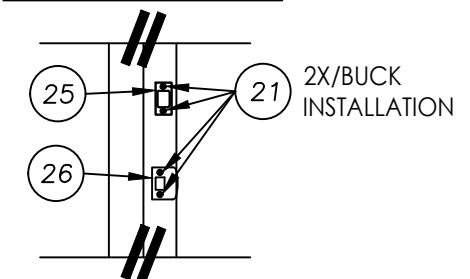


FRAME ANCHORING

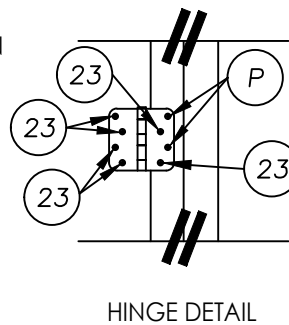
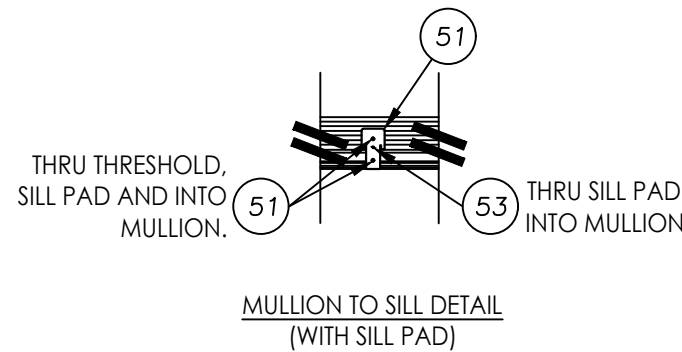
STRIKE JAMB



STRIKE DETAIL W/1X BUCK



STRIKE DETAIL W/2X BUCK



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 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:

- 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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PRODUCT:
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INSWING "NON-IMPACT"

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

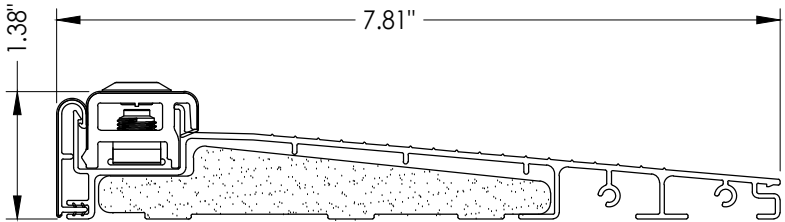
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1	3/23/15	UPDATE TO 5TH ED. (2014) FBC

DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.9
SHEET	6 OF 7

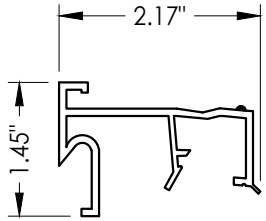
BUILDING CONSULTANTS, INC.
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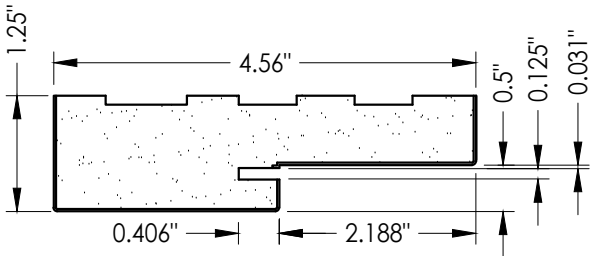
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X BUCK SG >= 0.55	WOOD
B	1/4" MAX. SHIM SPACE	WOOD
C	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREWS	STEEL
H	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREWS	STEEL
K	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM 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



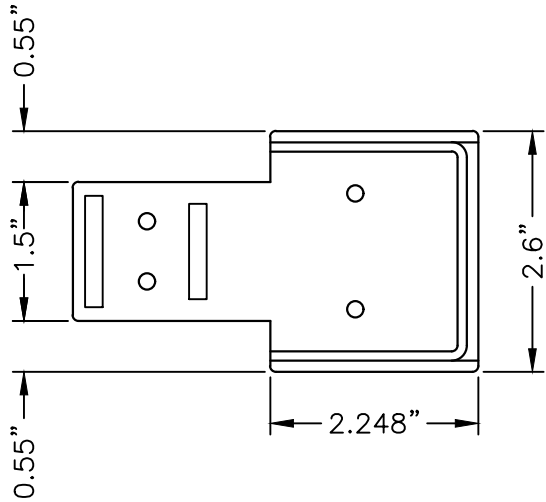
41 INSWING THRESHOLD
Endura



52 INSWING SIDELITE
SPACER

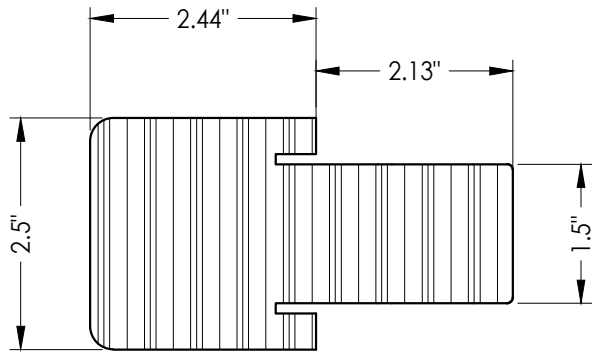
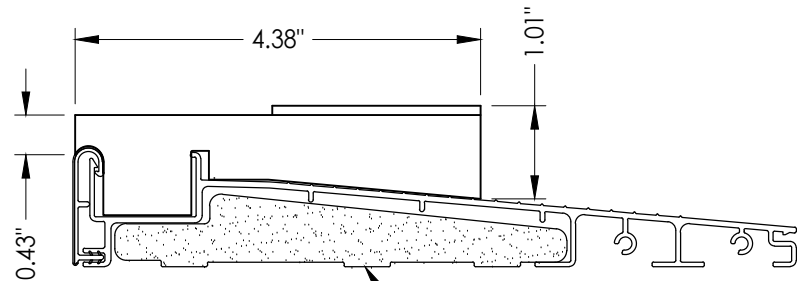


18 POLY FIBER JAMB
(World Wide Door Comp.)

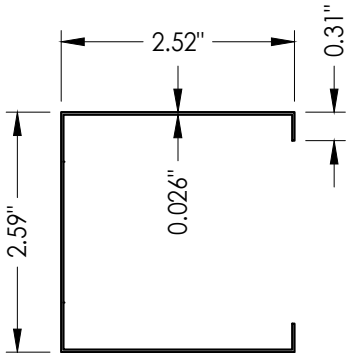


8 MULL PAD
Spacer

THRESHOLD
SHOWN FOR
REF. ONLY



50 MULLION



49 MULLION CAP

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INSWING "NON-IMPACT"

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
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DRAWING NO.:

FL-15362.9

SHEET 7 OF 7