

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



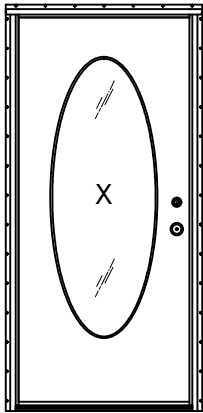
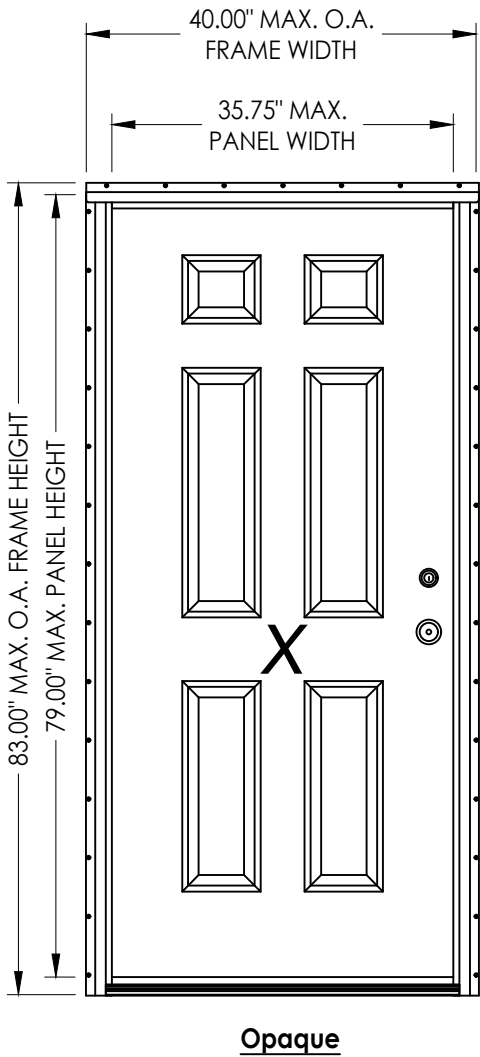
868 MURRAY ROAD, DOTHAN, AL 36303

ACHIEVER
STEEL FRAME SYSTEM
UTILIZING A FIBERGLASS DOOR PANEL
INSWING
"NON-IMPACT"

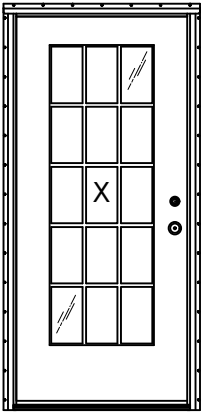
GENERAL NOTES

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.

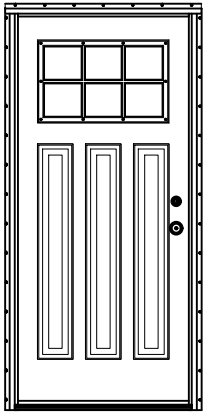
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Frame elevations
3	Door panel details
4	Door panel details
5	Door panel details
6	Horizontal cross section
7	Vertical cross sections
8	Buck and frame anchoring
9	Bill of materials and components



Oval Glazed

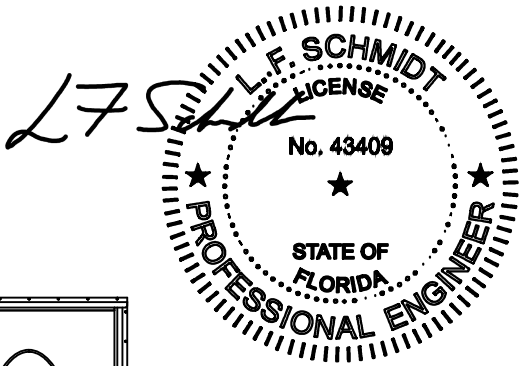


Rectangular Glazed



1/4 LITE Glazed

DOOR TYPE	OVERALL FRAME DIMENSION	OVERALL DOOR PANEL DIMENSION	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
Oval Glazed	40.00" X 83.00"	35.75" X 79.00"	+45.0	-50.0
Rectangular Glazed			+45.0	-50.0
1/4 LITE Glazed			+60.0	-65.0
Opaque			+65.0	-70.0



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

Digitally signed
by Lyndon F
Schmidt
Date:
2026.07.01
13:00:37 -04'00'

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 STEEL FRAME SYSTEM
PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		BY	CHK	DATE	DESCRIPTION
5	7/01/26	LFS	FBC		UPDATE TO 9TH ED.
4	7/06/23	LFS	FBC		UPDATE TO 8TH ED.
3	8/11/20	DAC	FBC		UPDATE TO 7TH ED.
2	9/29/17	LFS	FBC		UPDATE TO 6TH ED.
1	3/23/15	JK	FBC		UPDATE TO 5TH ED.

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

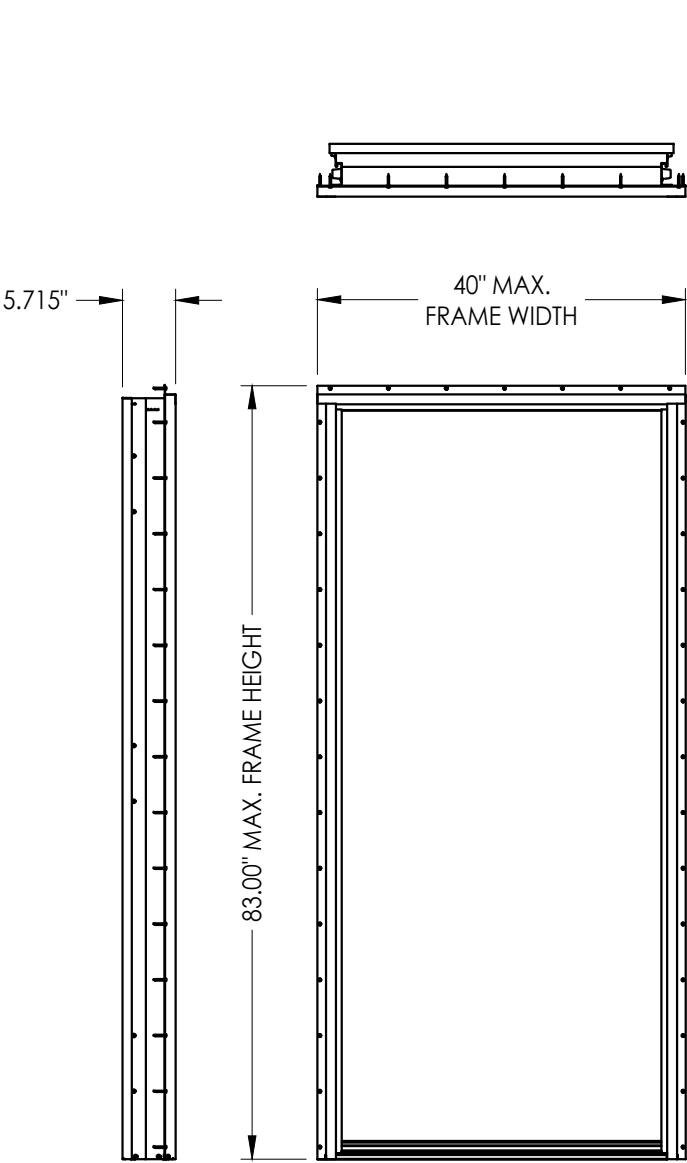
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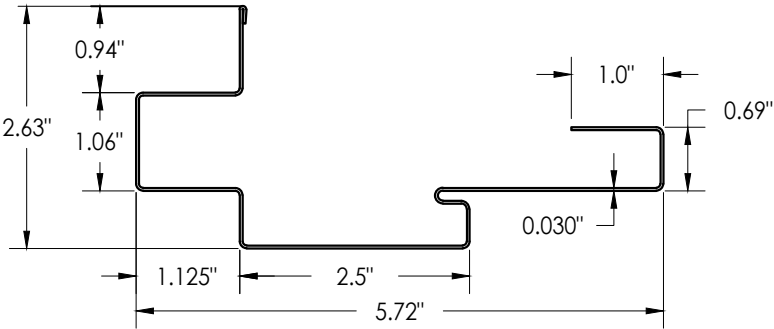
FL-15362.4

SHEET 1 OF 9

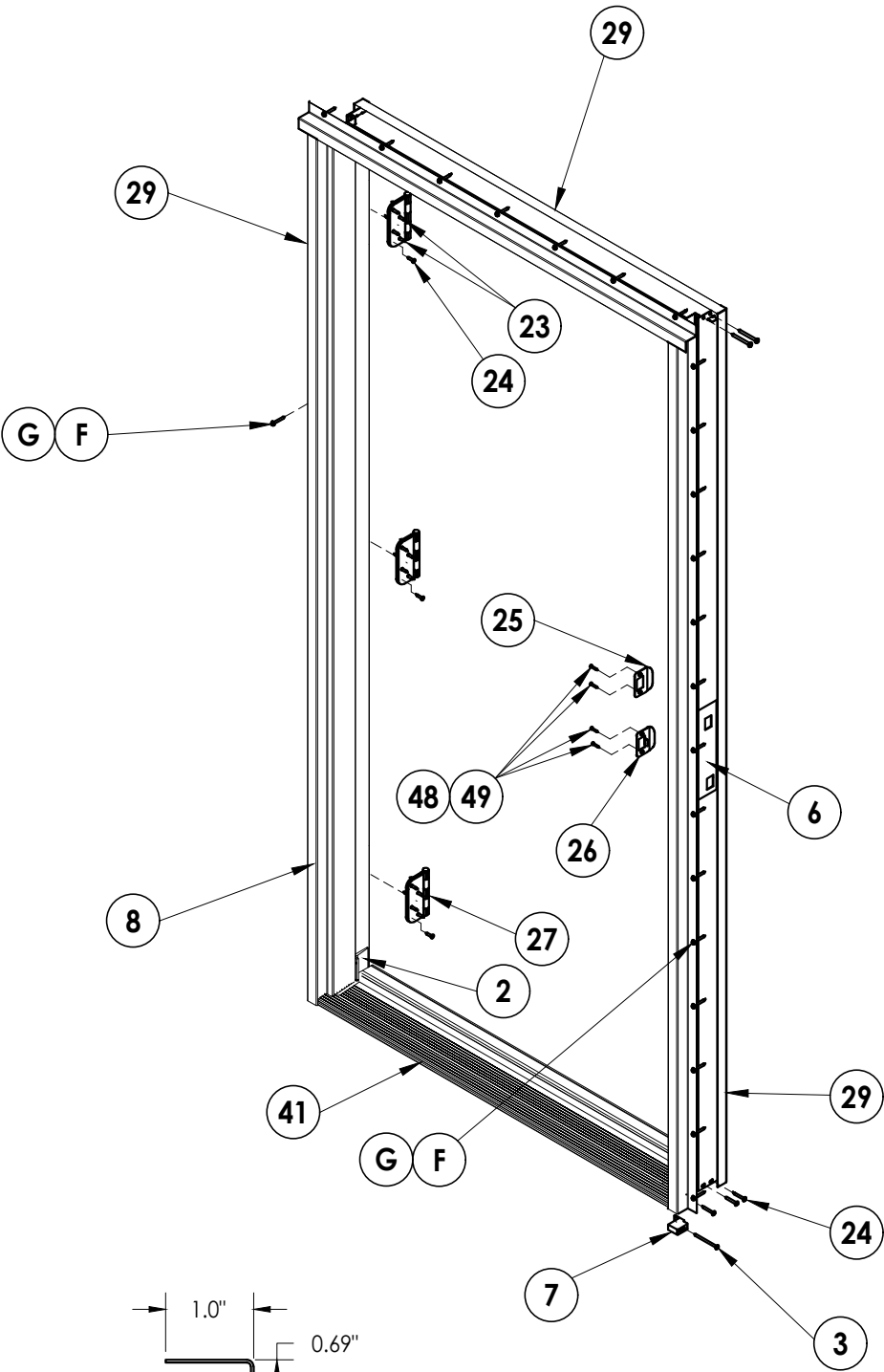
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FRAME ELEVATION



29 FRAME



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-15362.4

SHEET 2 OF 9

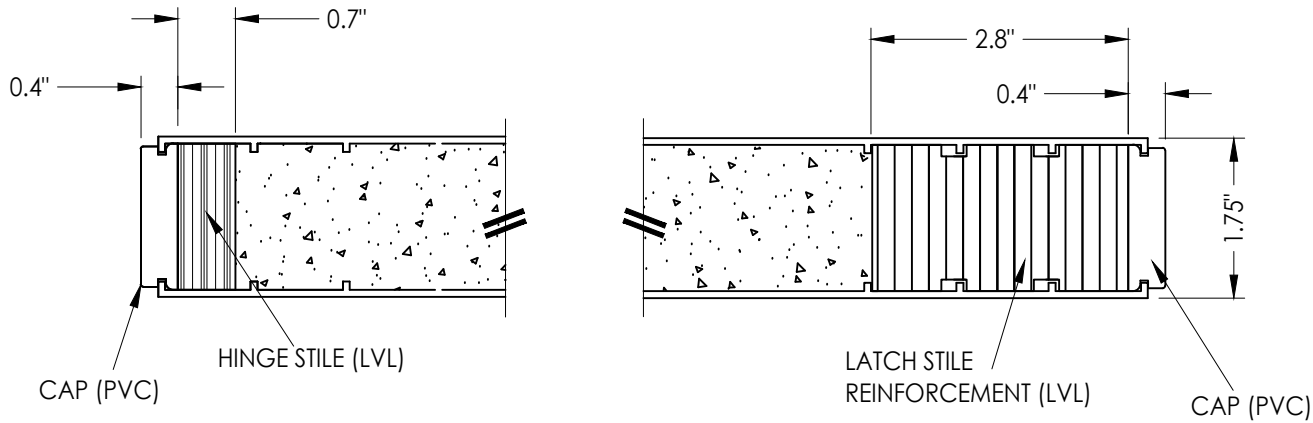
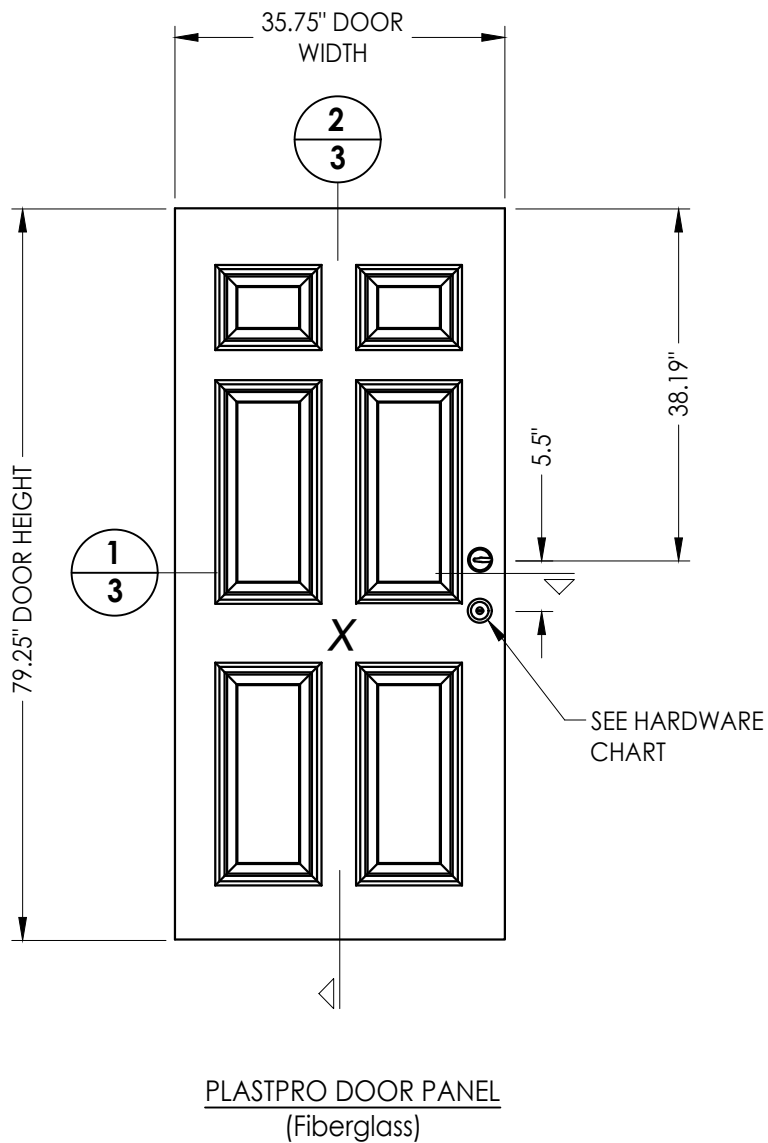
PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
FRAME ELEVATIONS

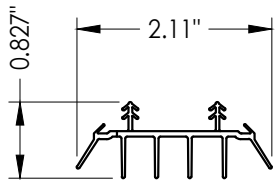
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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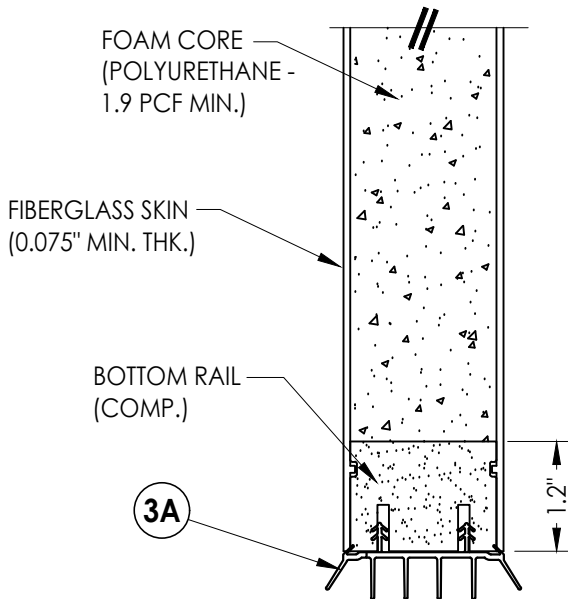
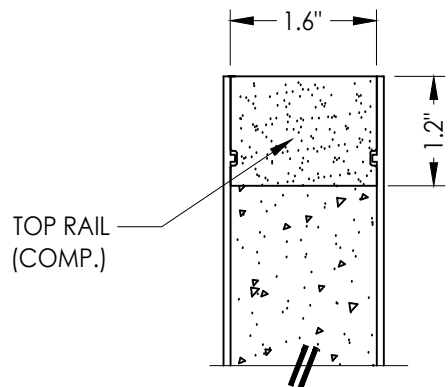


1
3 HORIZONTAL CROSS SECTION



3A DOOR SWEEP

HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	Knob:	FT3 SERIES
	Deadbolt:	FD2 SERIES



2
3 VERTICAL CROSS SECTION

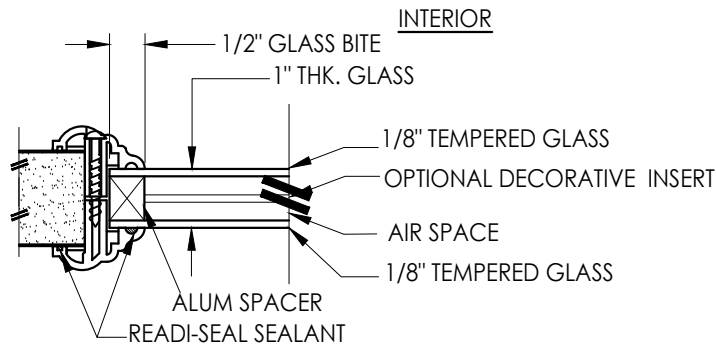
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SHEET 3 OF 9		REVISIONS		NO.		DATE		BY		LFS	
1		3/23/15		UPDATE TO 5TH ED. (2014)		FBC		JK		LFS	
2		9/29/17		UPDATE TO 6TH ED. (2017)		FBC		LFS		DAC	
3		8/11/20		UPDATE TO 7TH ED. (2020)		FBC		LFS		LFS	
4		7/06/23		UPDATE TO 8TH ED. (2023)		FBC		LFS		LFS	
5		7/01/26		UPDATE TO 9TH ED. (2026)		FBC		LFS		LFS	
PRODUCT:		DUNBARTON		ACHEIVER STEEL FRAME		SYSTEM		PART OR ASSEMBLY:		DOOR PANEL DETAILS	
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	

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

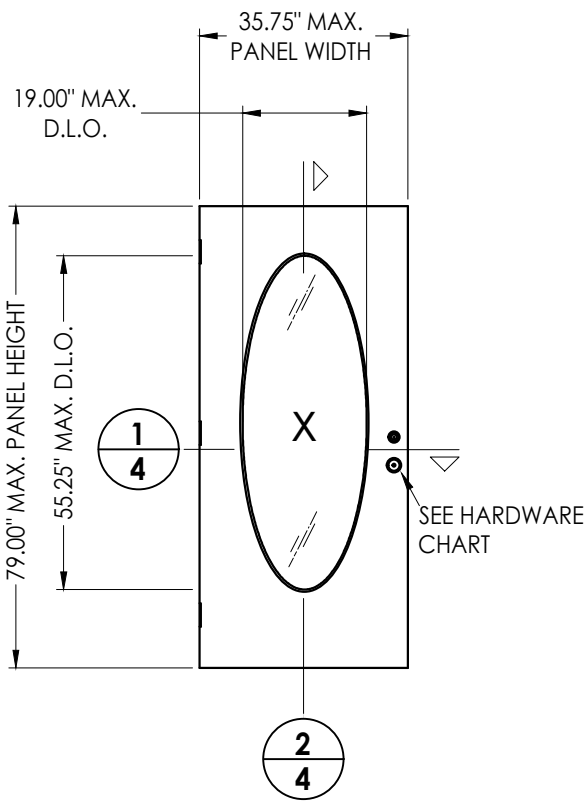
RWBUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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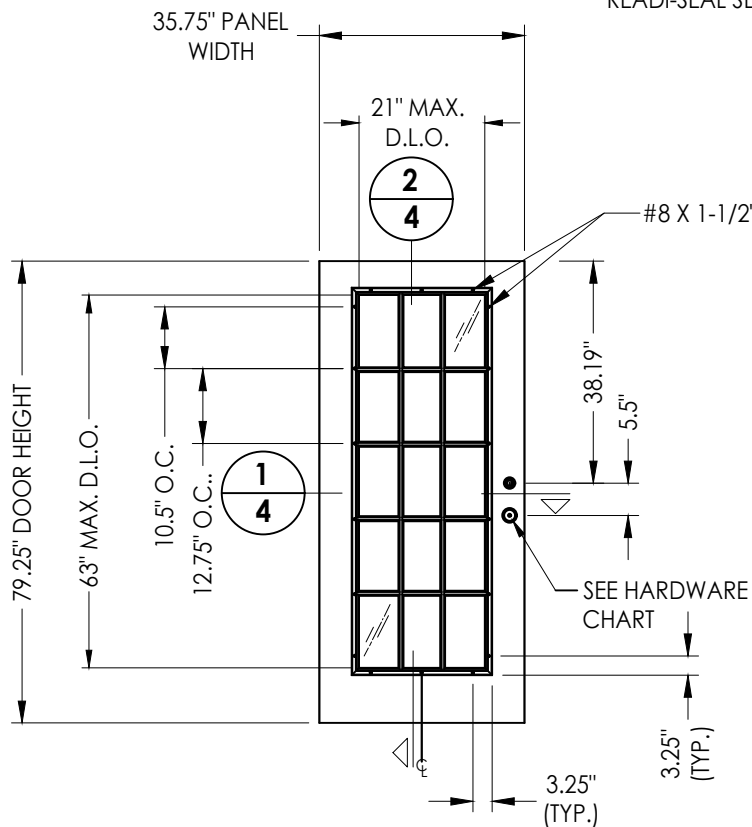
HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	Knob:	FT3 SERIES
	Deadbolt:	FD2 SERIES



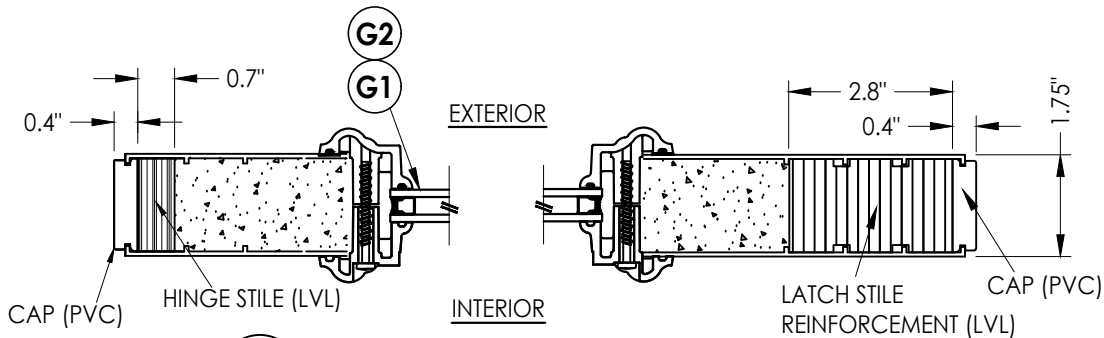
G2 GLAZING DETAIL
ODL HP Lite Frame



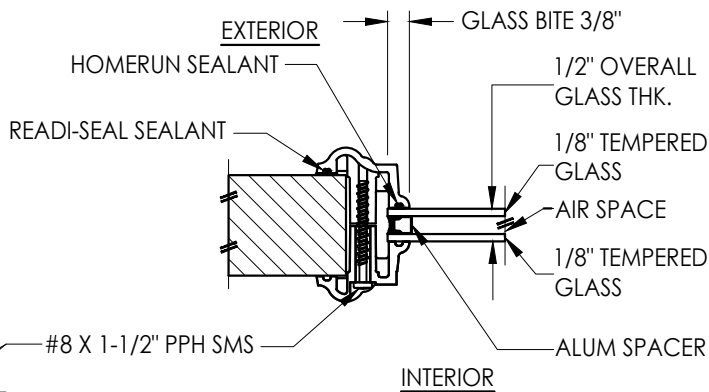
PLASTPRO FIBERGLASS DOOR PANEL
(Oval Glazed)



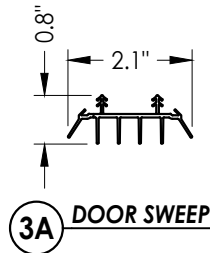
PLASTPRO FIBERGLASS DOOR PANEL
(Rectangular Glazed)



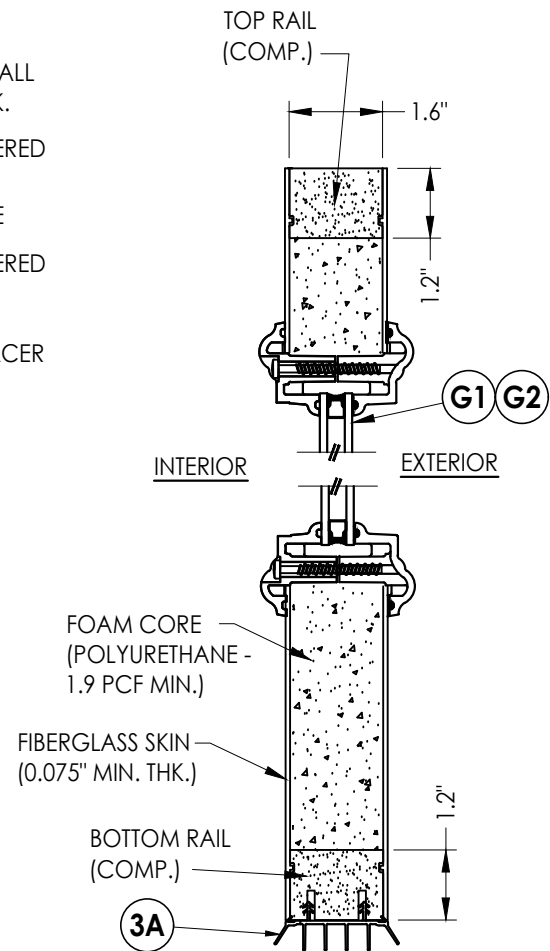
1/4 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL
ODL HP Lite Frame



3A DOOR SWEEP



2/4 VERTICAL CROSS SECTION

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

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

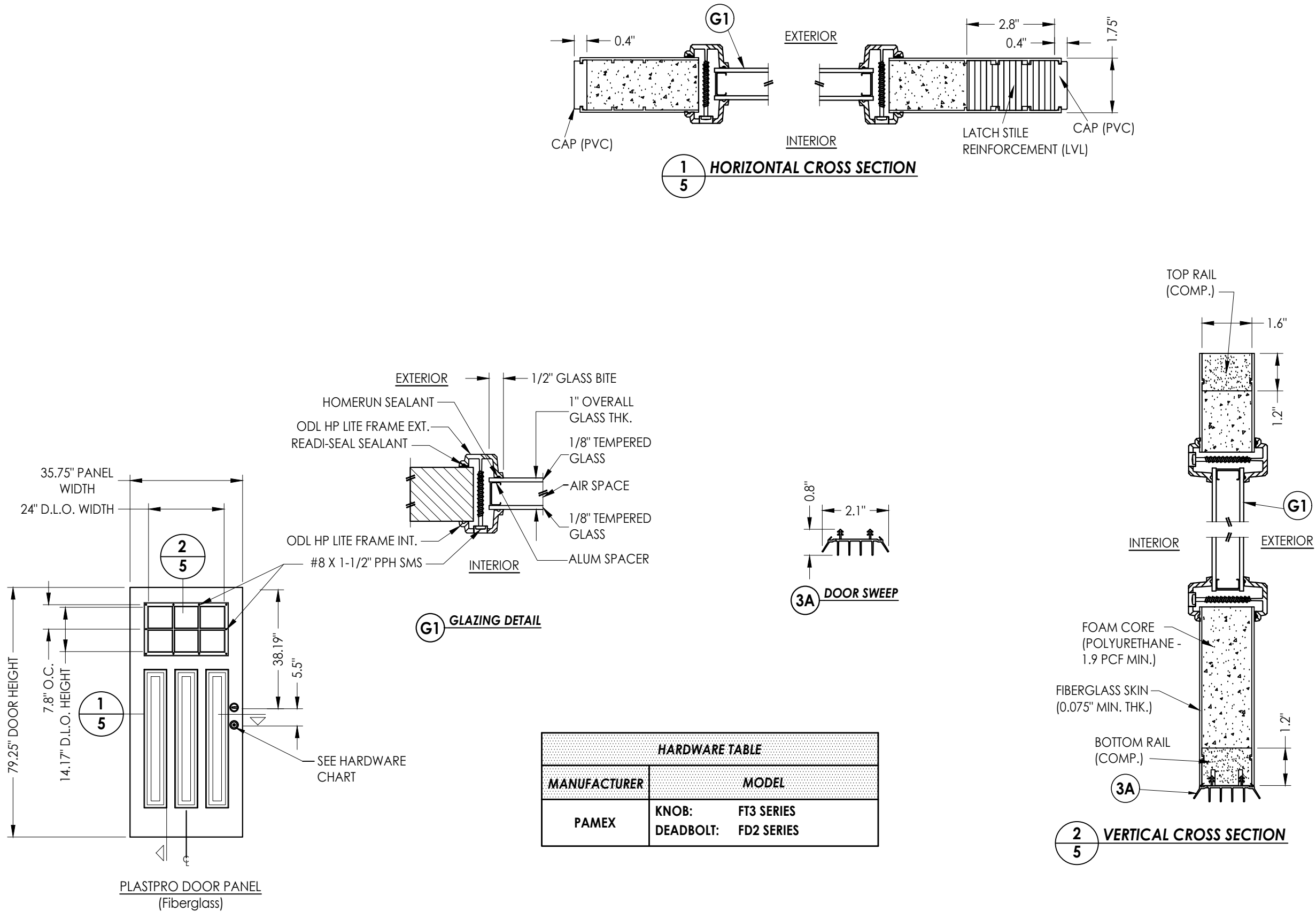
PRODUCT:
DUNBARTON
ACHEVER STEEL FRAME
SYSTEM

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

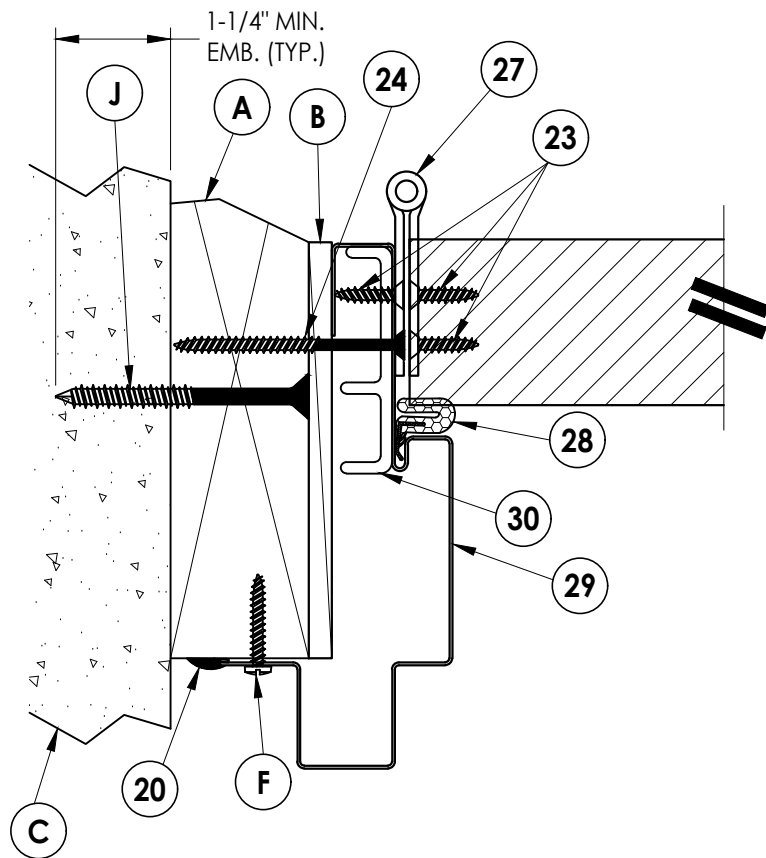
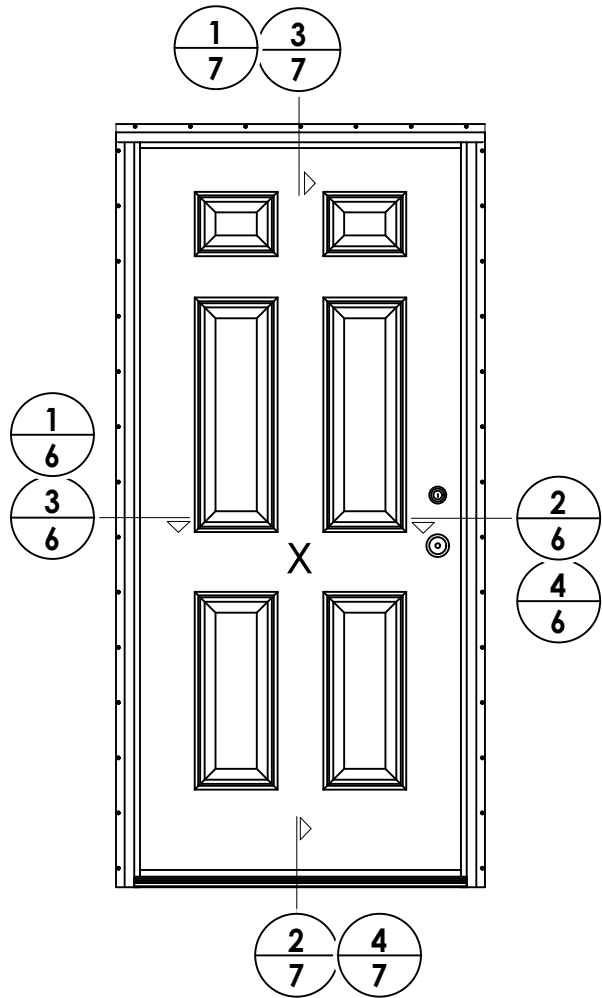
DATE: 03/14/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15362.4
SHEET 4 OF 9

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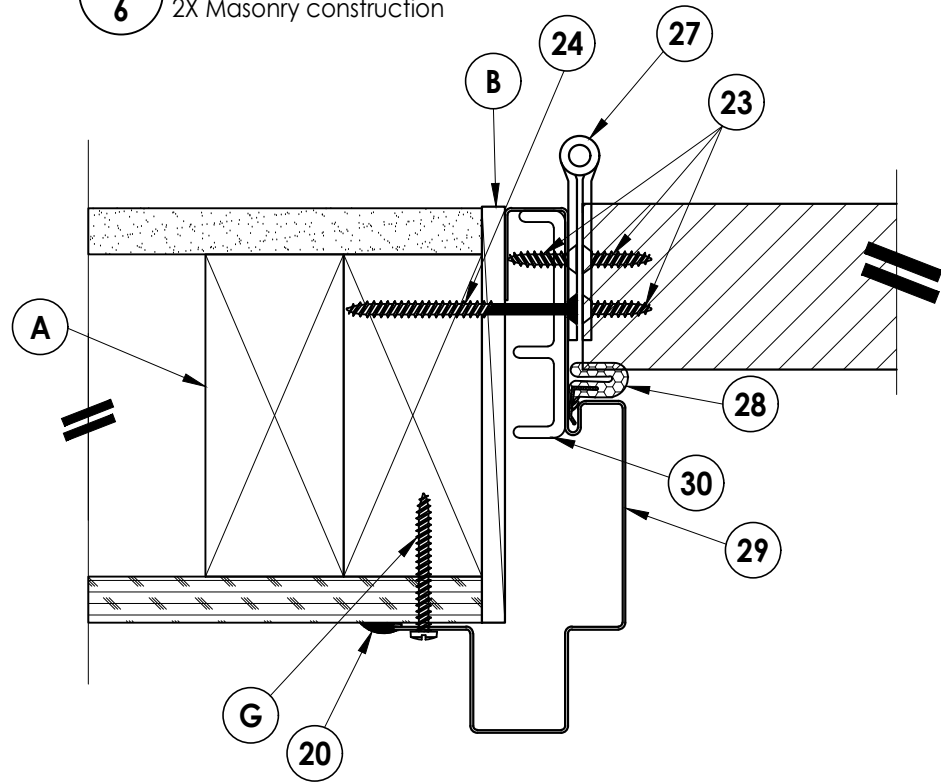


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: DUNBARTON REDITUFF ACHIEVER STEEL FRAME SYSTEM				PART OR ASSEMBLY: DOOR PANEL DETAILS			
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS	NO.	DATE
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		1	3/23/15
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC		2	9/29/17
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS		3	8/11/20
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK		4	7/06/23
DATE: 03/14/12				SCALE: N.T.S.			
DWG. BY: JK				CHK. BY: LFS			
DRAWING NO.: FL-15362.4							
SHEET	5	OF	9				

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1
6
HORIZONTAL CROSS SECTION
2X Masonry construction



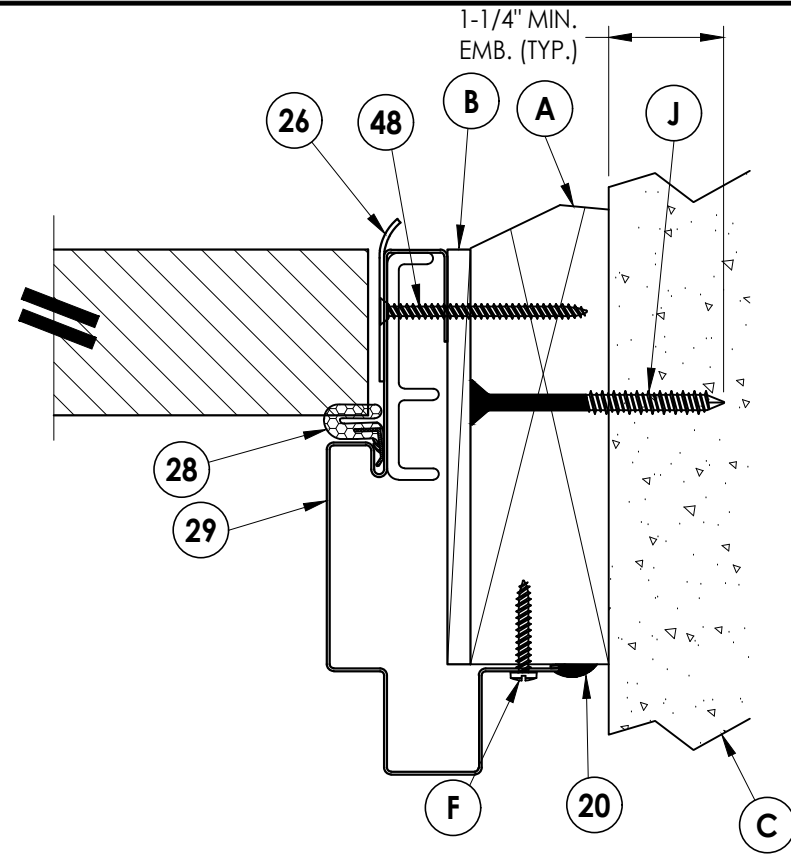
3
6
HORIZONTAL CROSS SECTION
2X Stud construction

INTERIOR

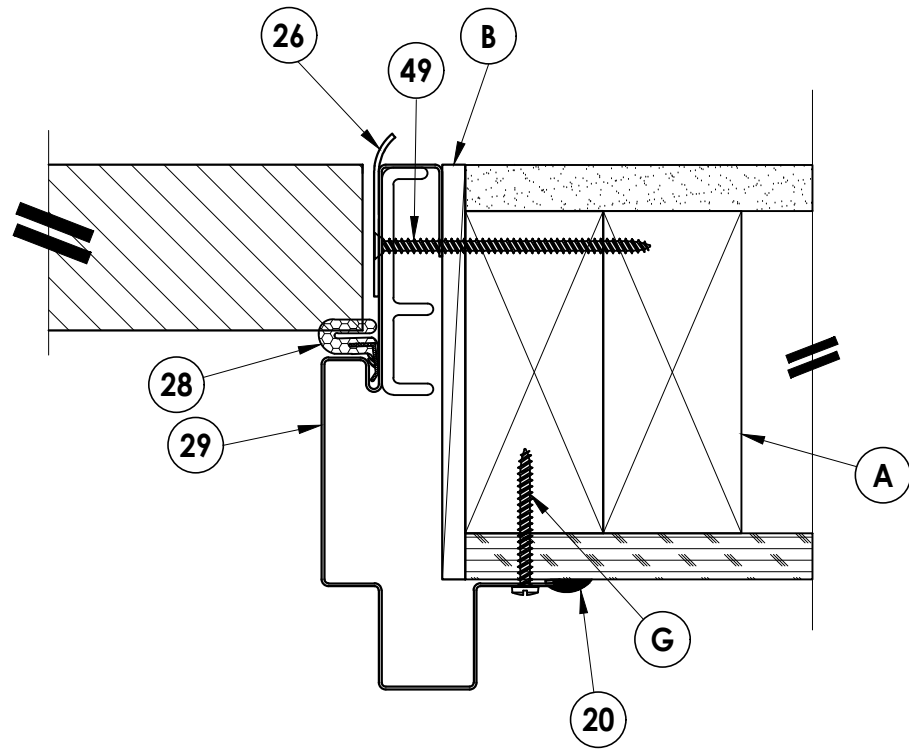
EXTERIOR

INTERIOR

EXTERIOR



2
6
HORIZONTAL CROSS SECTION
2X Masonry construction



4
6
HORIZONTAL CROSS SECTION
2X Stud construction

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 STEEL FRAME SYSTEM

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

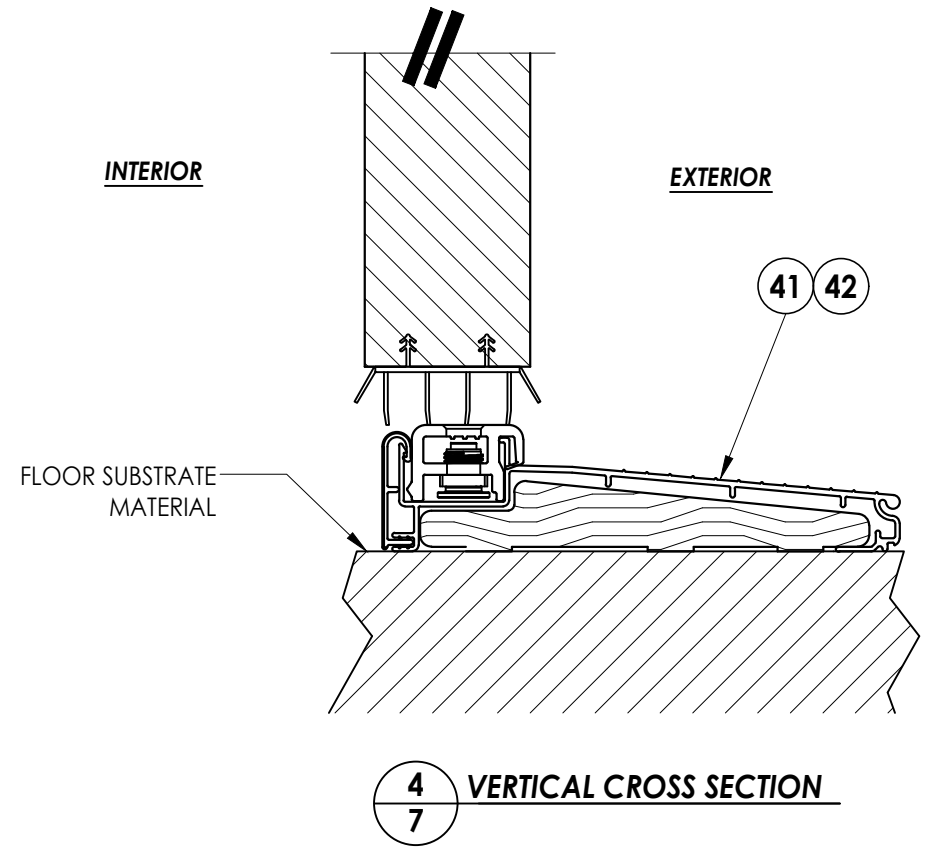
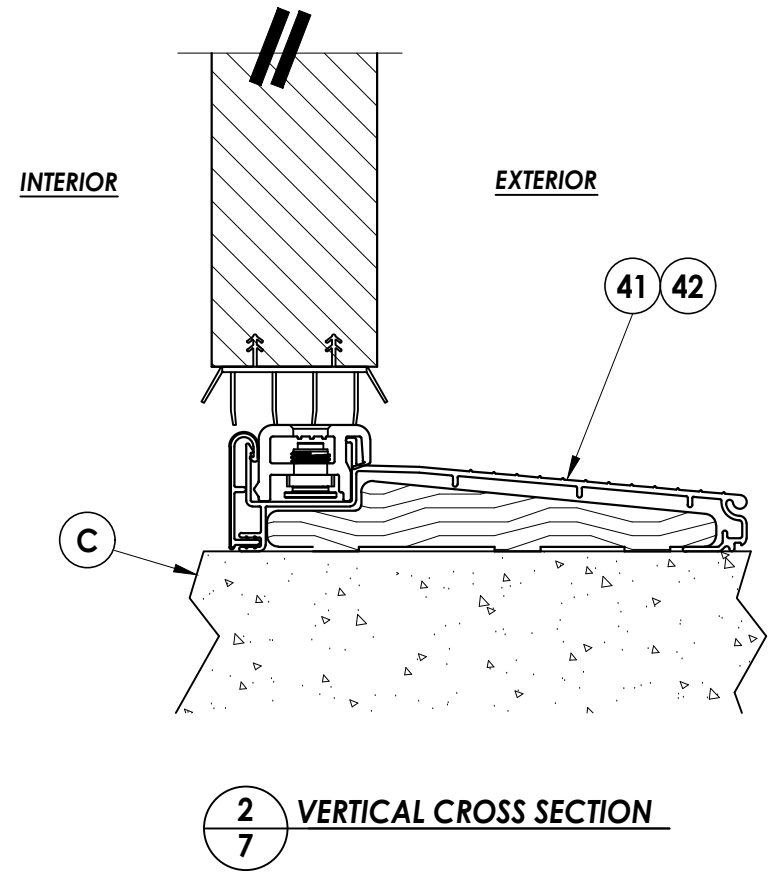
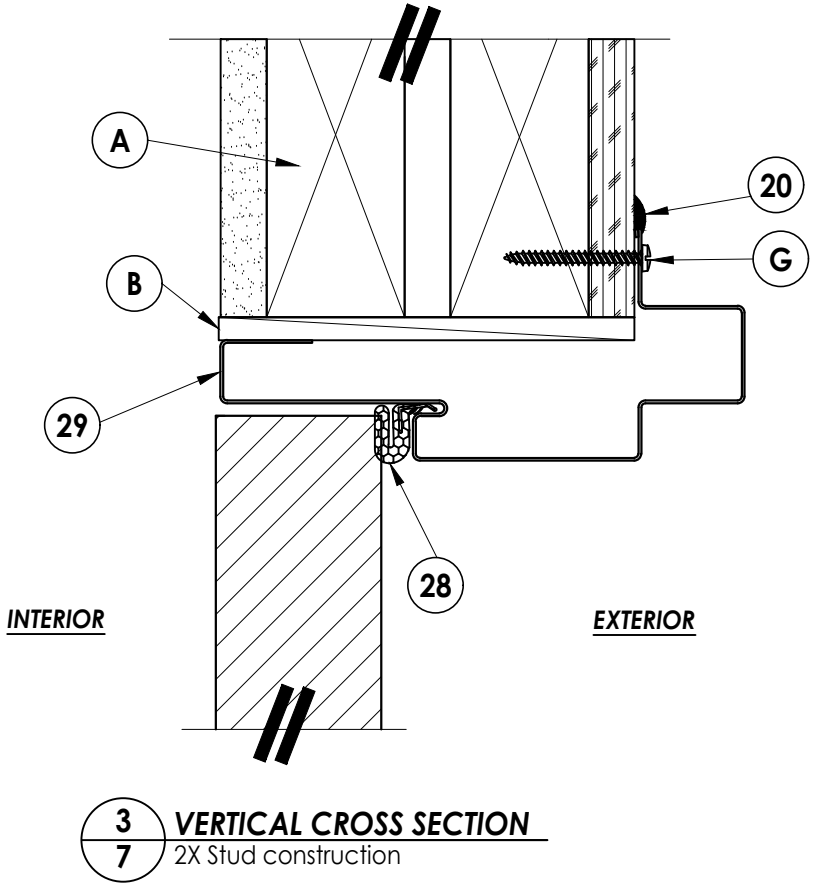
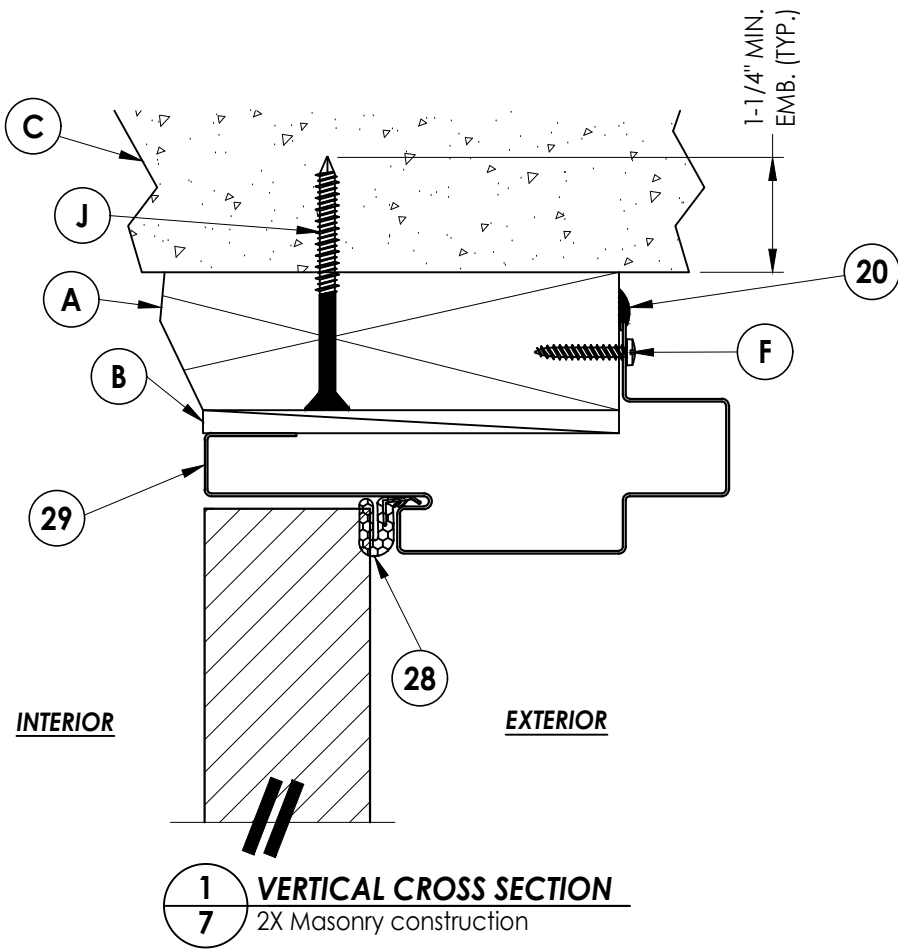
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DRAWING NO.:

FL-15362.4

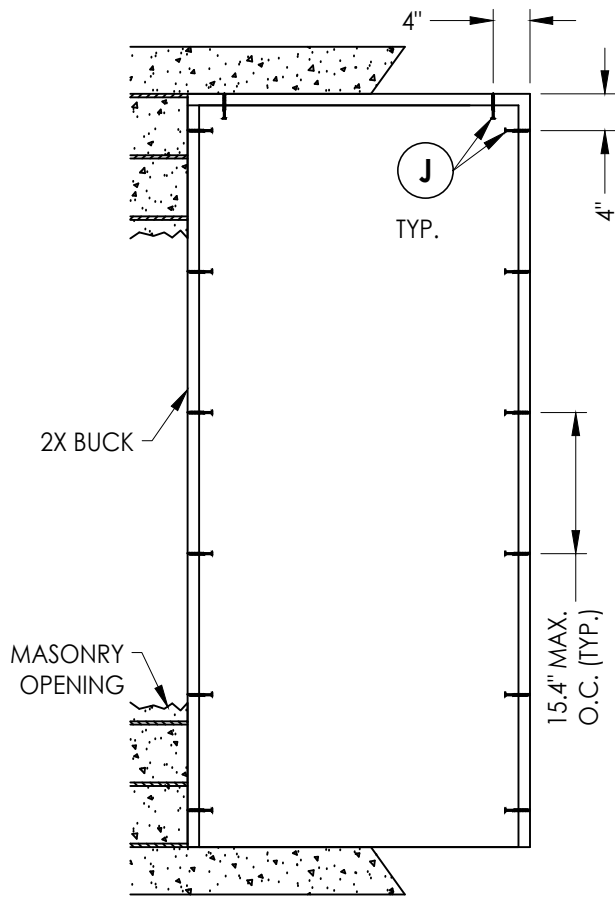
SHEET 6 OF 9

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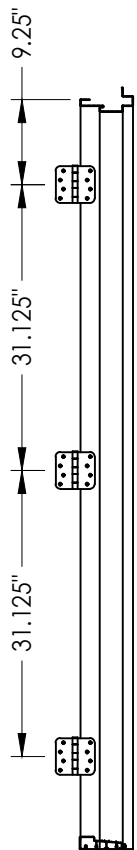


PRODUCT: DUNBARTON ACHIEVER STEEL FRAME SYSTEM		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
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	REVISIONS	
DATE: 03/14/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15362.4			
SHEET 7 OF 9			

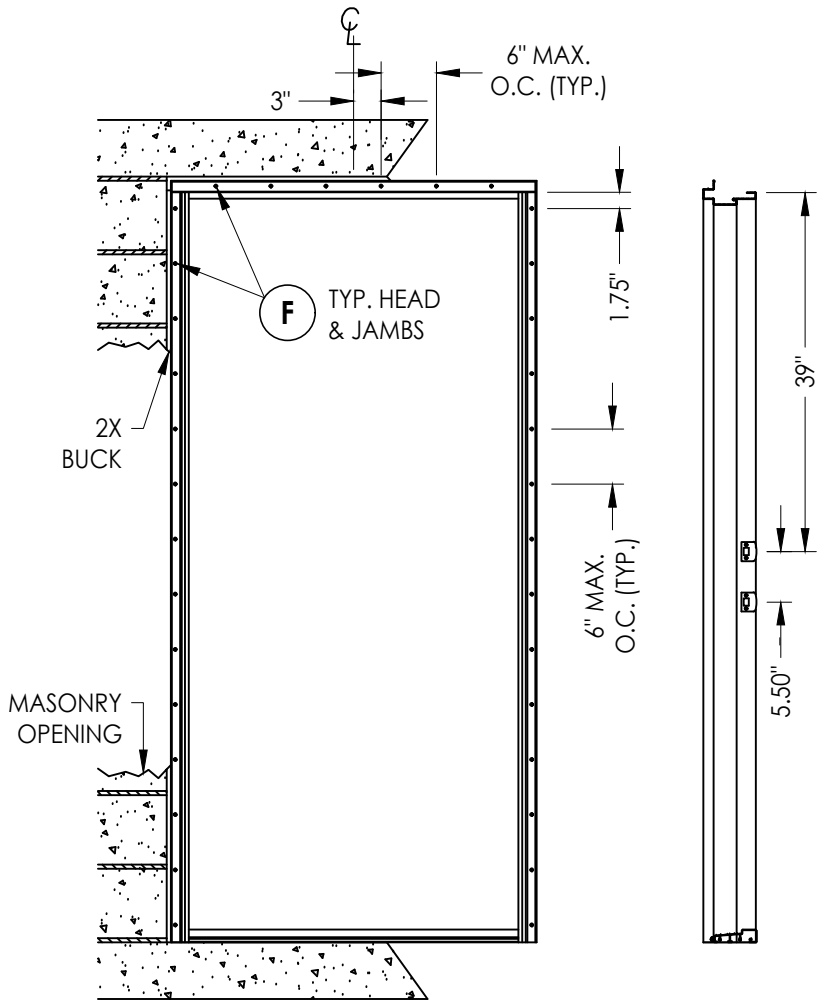
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BUCK ANCHORING

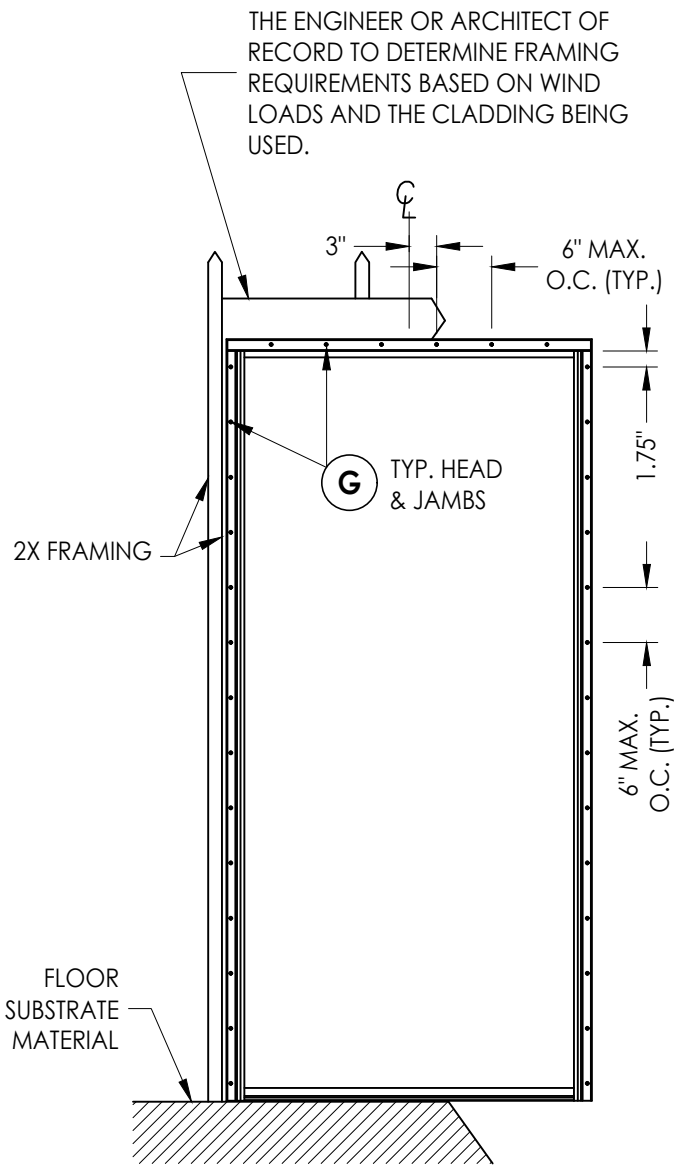


HINGE JAMB



FRAME ANCHORING
2X MASONRY

STRIKE JAMB



FRAME ANCHORING
STUD CONSTRUCTION

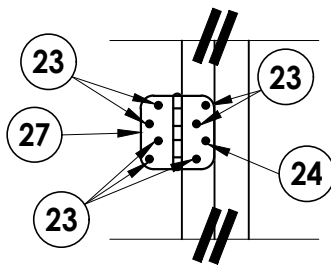
CONCRETE ANCHOR NOTES:

- 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:

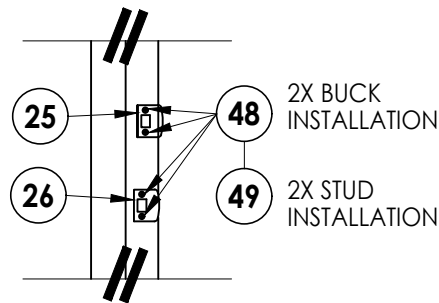
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.



HINGE DETAIL



STRIKE DETAIL

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

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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

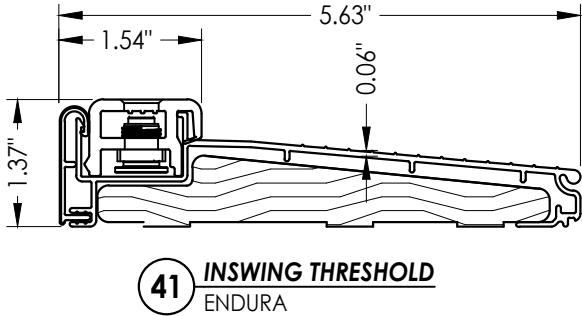
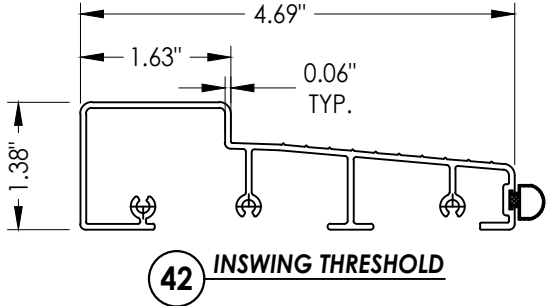
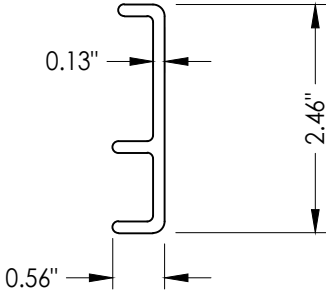
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SCALE: N.T.S.
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DRAWING NO.: FL-15362.4
SHEET 8 OF 9

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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	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
2	SIMPLE SOLUTION CORNER PAD #FR00325	STEEL
3	#8 X 2 1/2" PHILLIPS WASHER HEAD W.S.	STEEL
6	STRIKE FILLER #FR01804	STEEL
8	STORM DOOR FILLER #FR01801	STEEL
20	SEALANT	SILICONE
23	#9 X 3/4" PFH SCREWS	STEEL
24	#9 X 2-1/2" PFH WS SCREW	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
29	FRAME	STEEL
30	JAMB REINFORCEMENT	STEEL
41	INSWING THRESHOLD	ALUM./COMP
42	INSWING THRESHOLD	ALUM.
48	#8 X 2-1/4" PFH SCREW	STEEL
49	#8 X 3" PFH SCREW	STEEL

30 JAMB REINFORCEMENT



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: DUNBARTON ACHIEVER STEEL FRAME SYSTEM		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
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1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC
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REVISIONS			
DATE: 03/14/12			
SCALE: N.T.S.			
DWG. BY: JK			
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