



ACHIEVER
STEEL FRAME SYSTEM
with Sidelite(s)
Utilizing a Steel Door Panel
INSWING
"NON-IMPACT"

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.

67.00" MAX. FRAME WIDTH

83.00" MAX. FRAME HEIGHT

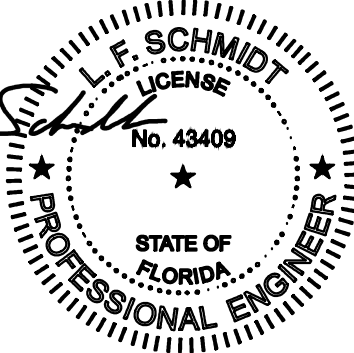
O

X

O

Oval Glazed

L F Schmidt



Digitally signed
by Lyndon F
Schmidt
Date:
2026.07.01
13:00:21 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

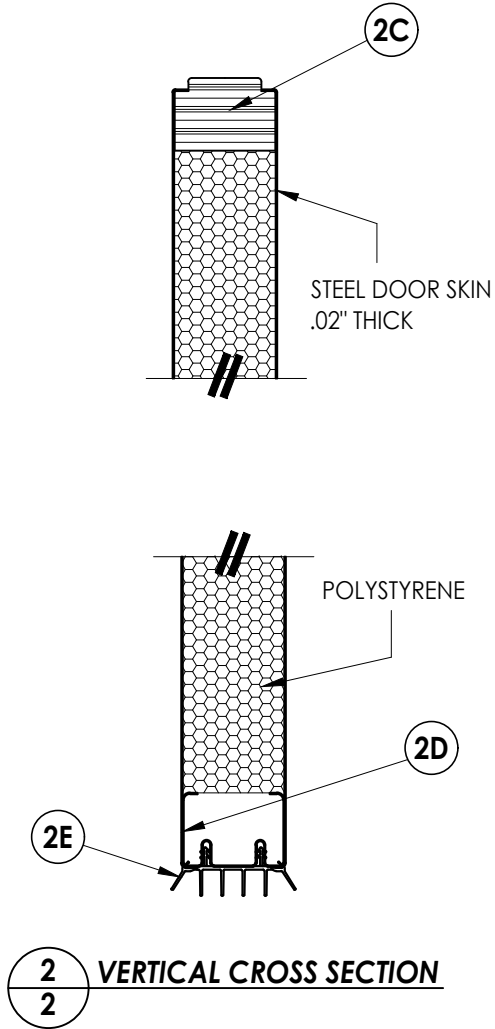
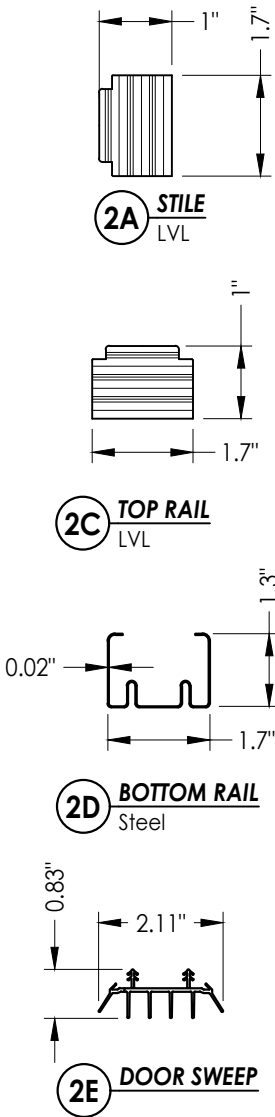
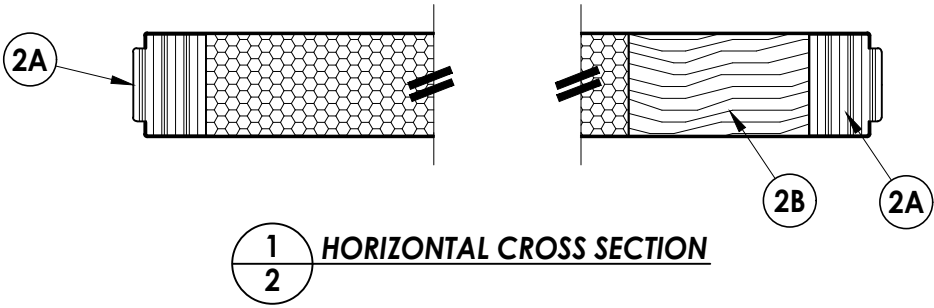
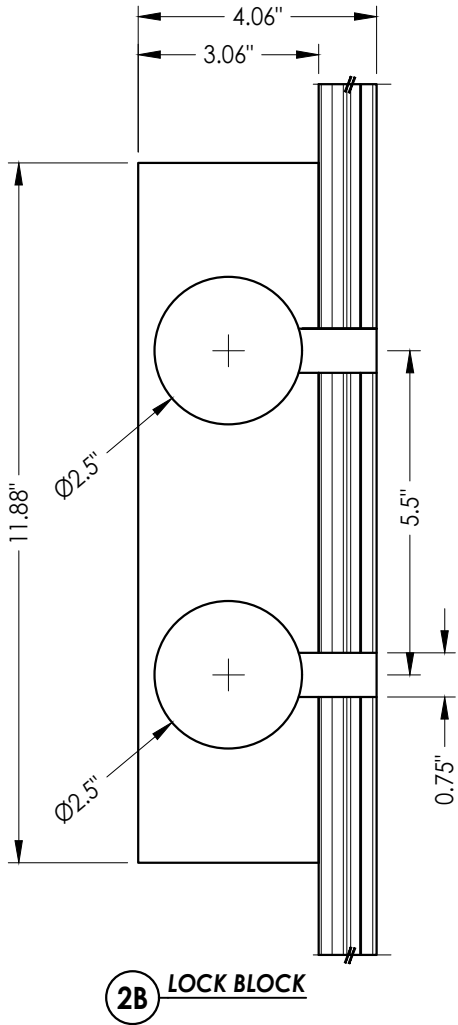
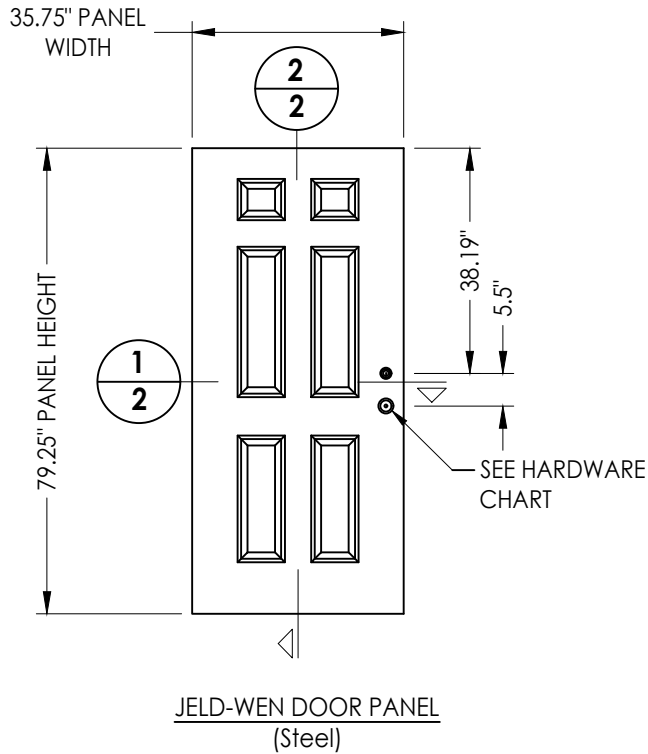
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

DATE: 03/14/12					PRODUCT: DUNBARTON ACHIEVER STEEL FRAME SYSTEM	
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15362.2						
SHEET 1 OF 12					PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
	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

© 2012 R.W. BUILDING CONSULTANTS INC.

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



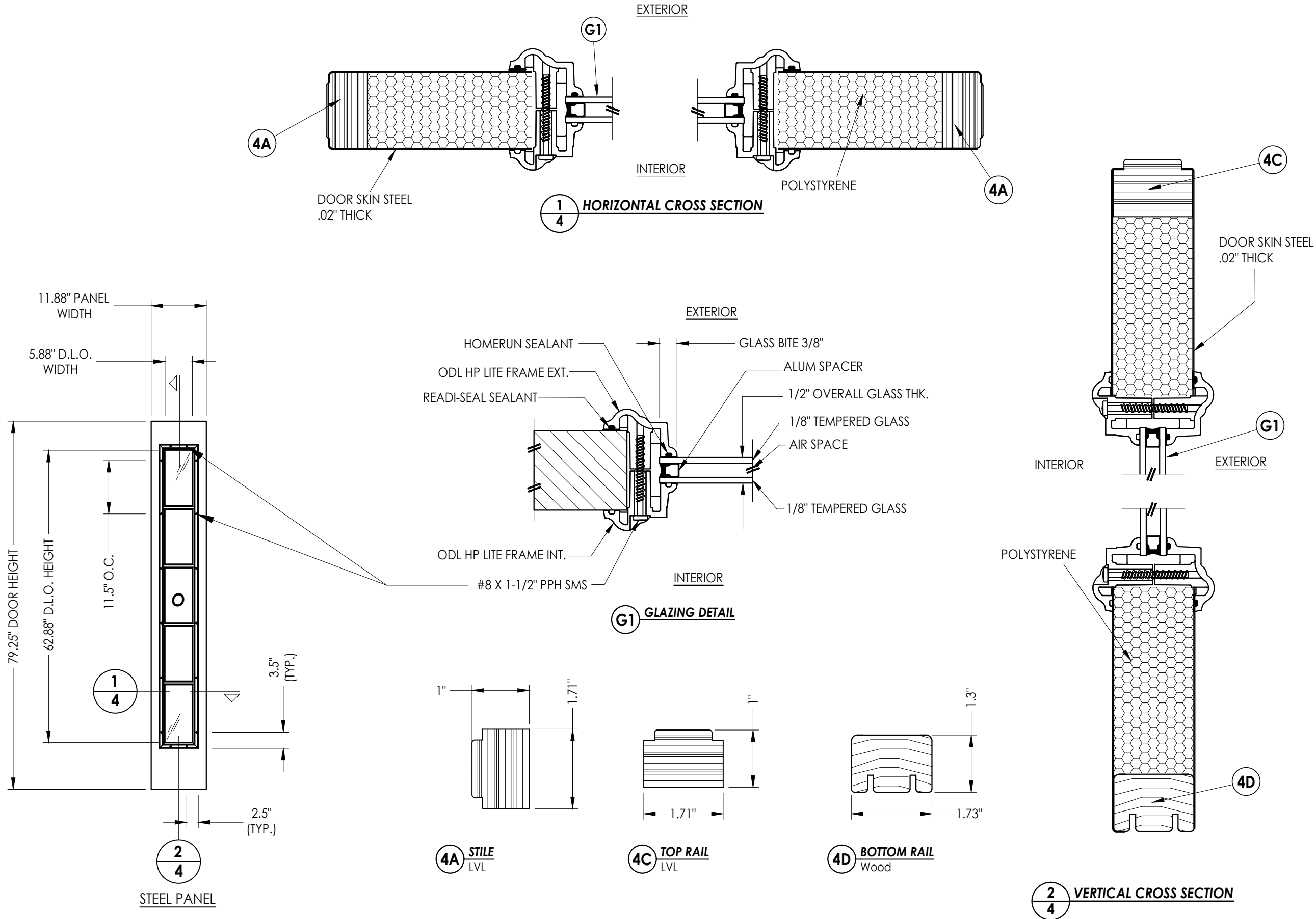
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE	REVISIONS		

DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.2
SHEET	2 OF 12

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

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



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:
SIDELITE PANEL DETAILS

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.

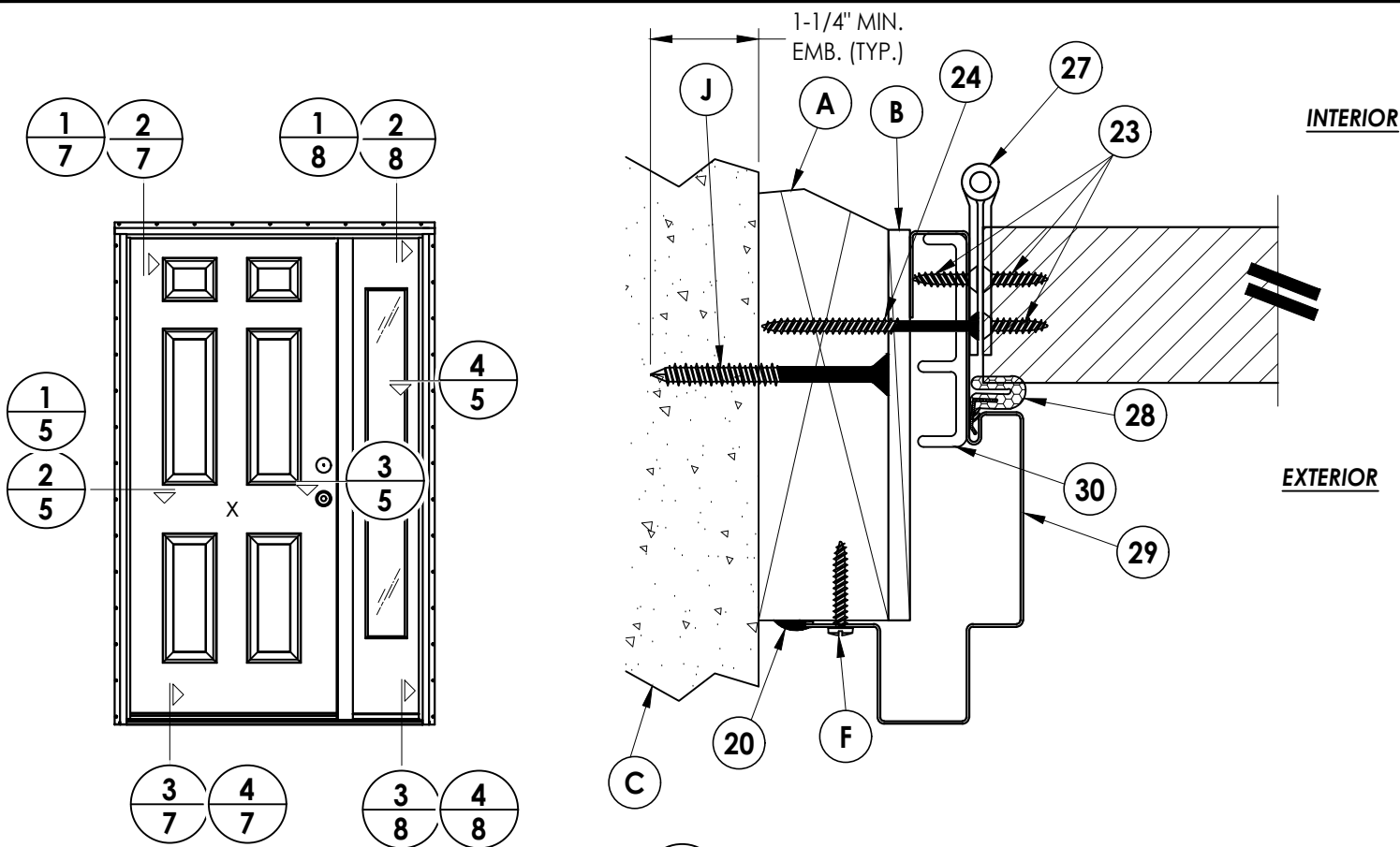
DWG. BY: JK

CHK. BY: LFS

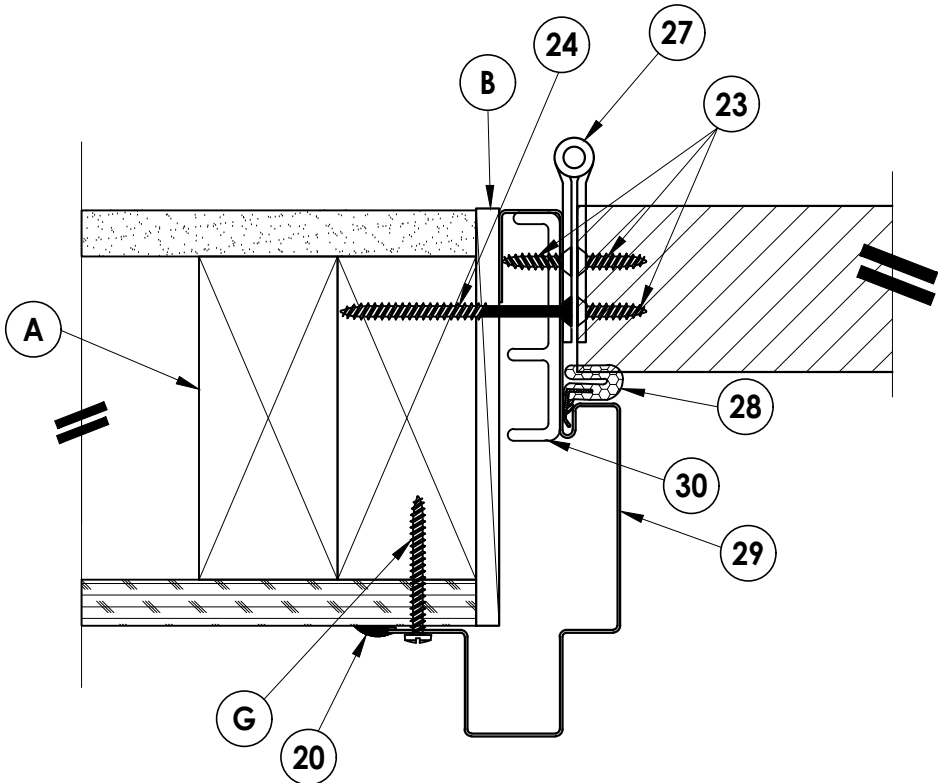
DRAWING NO.:
FL-15362.2

SHEET 4 OF 12

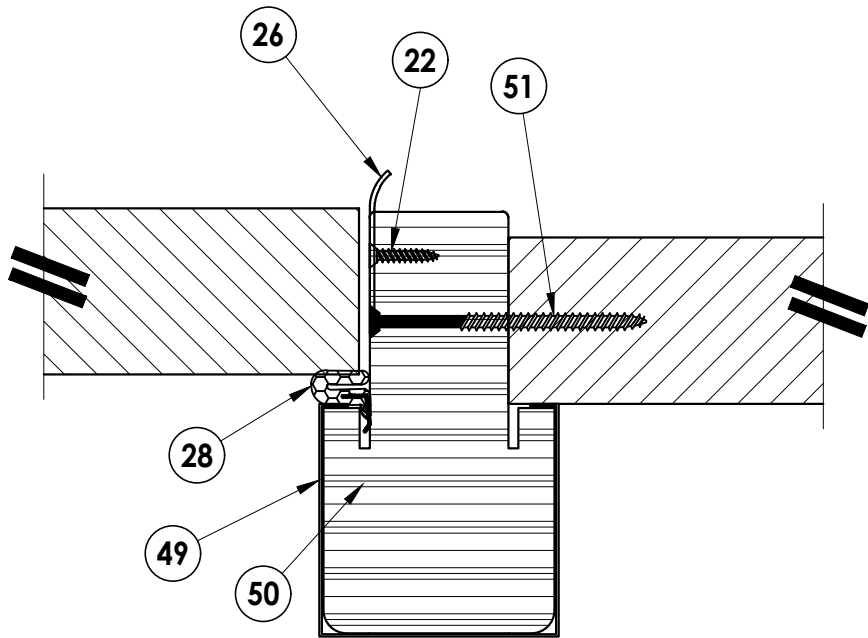
G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



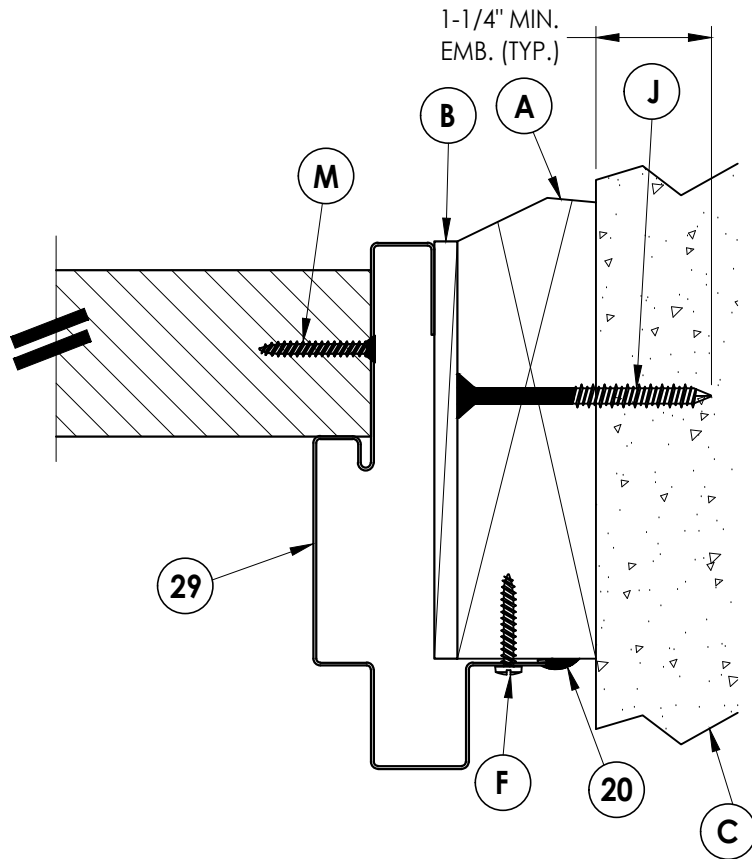
1
5 **HORIZONTAL CROSS SECTION**
2X Masonry construction



2
5 **HORIZONTAL CROSS SECTION**
2X Stud construction



3
5 **HORIZONTAL CROSS SECTION**



4
5 **HORIZONTAL CROSS SECTION**
2X Masonry 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

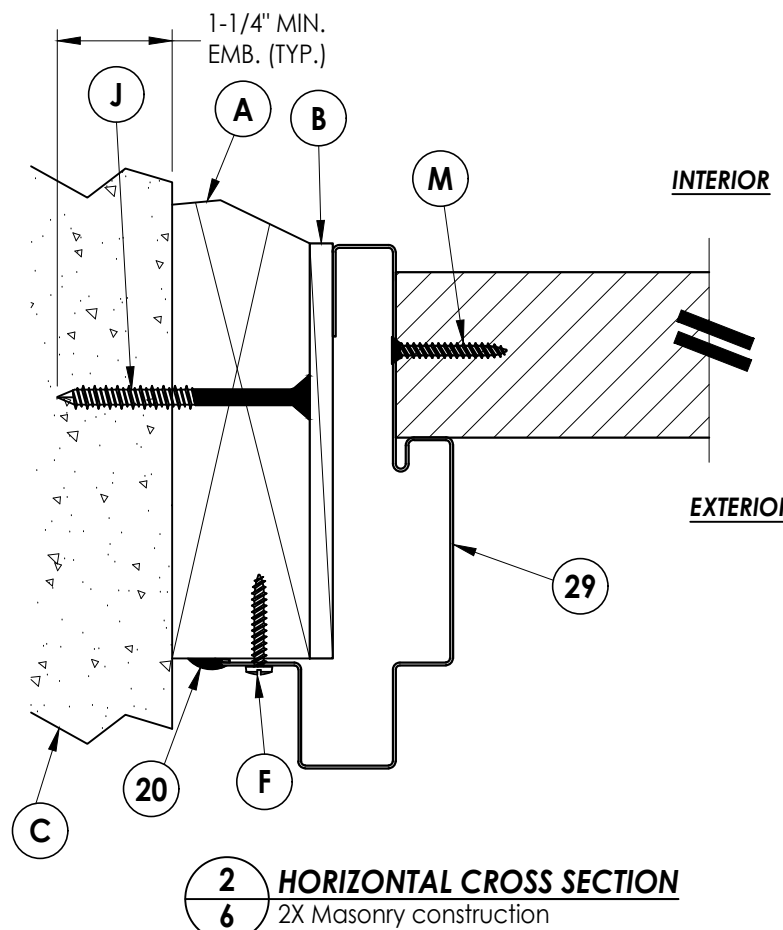
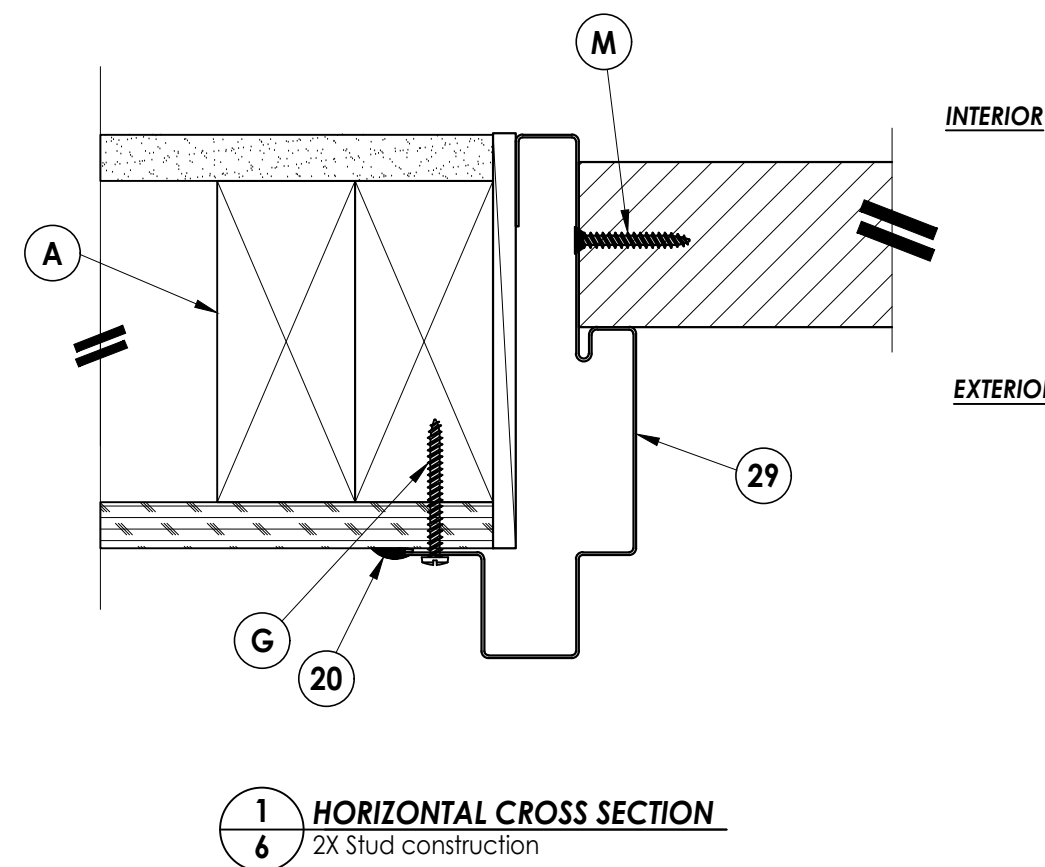
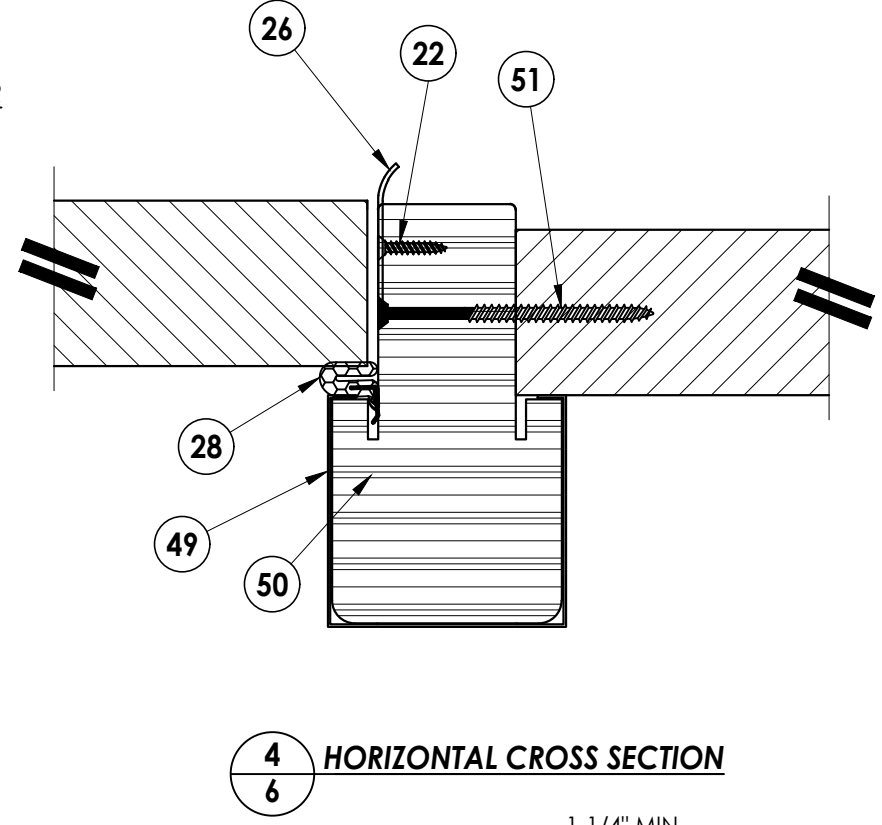
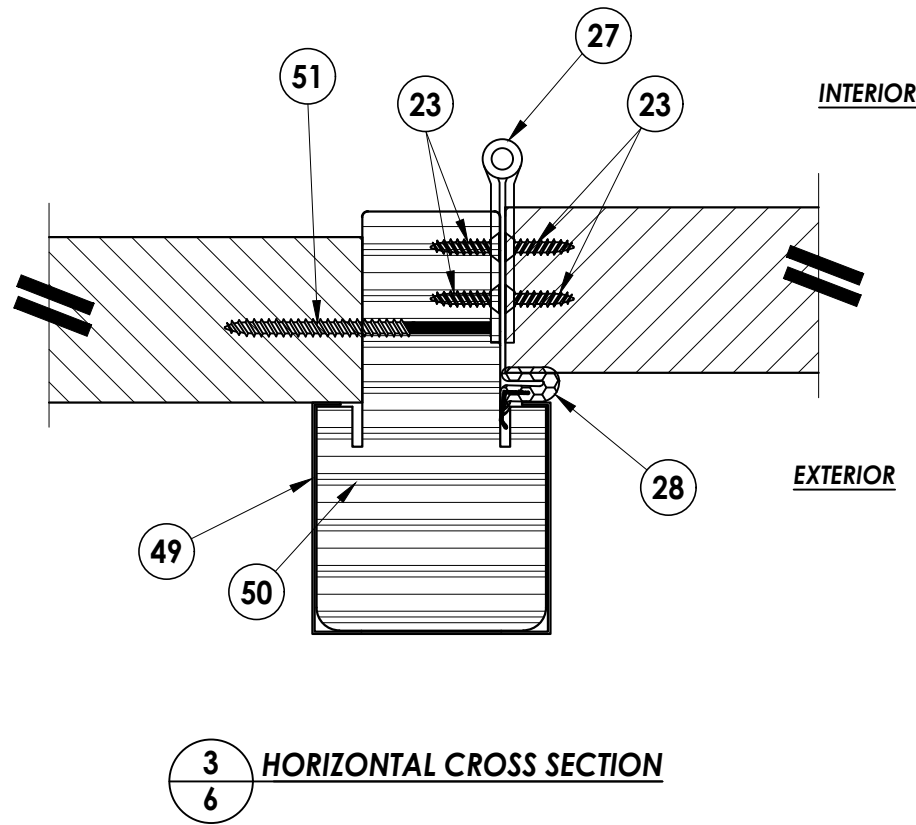
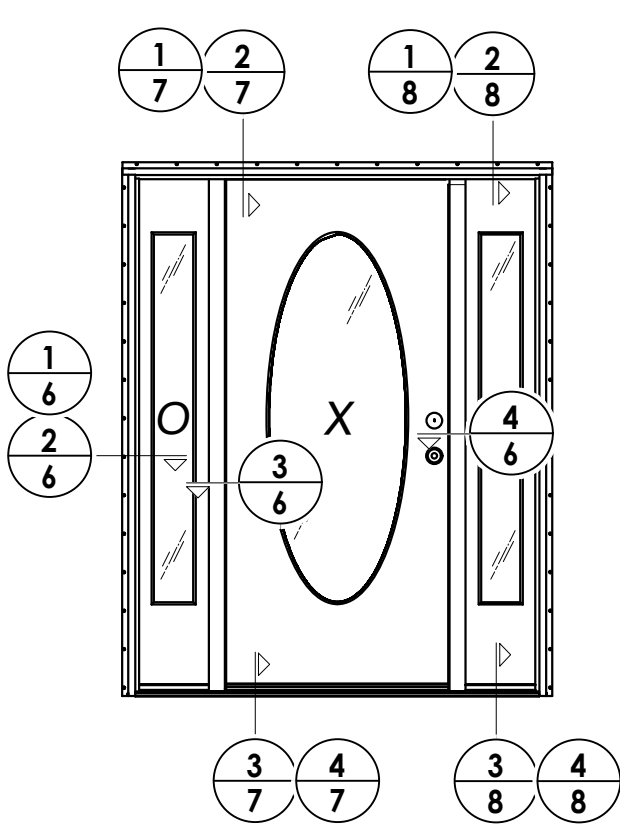
CHK. BY: LFS

DRAWING NO.:

FL-15362.2

SHEET 5 OF 12

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



1/6 HORIZONTAL CROSS SECTION
2X Stud construction

2/6 HORIZONTAL CROSS SECTION
2X Masonry construction

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

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

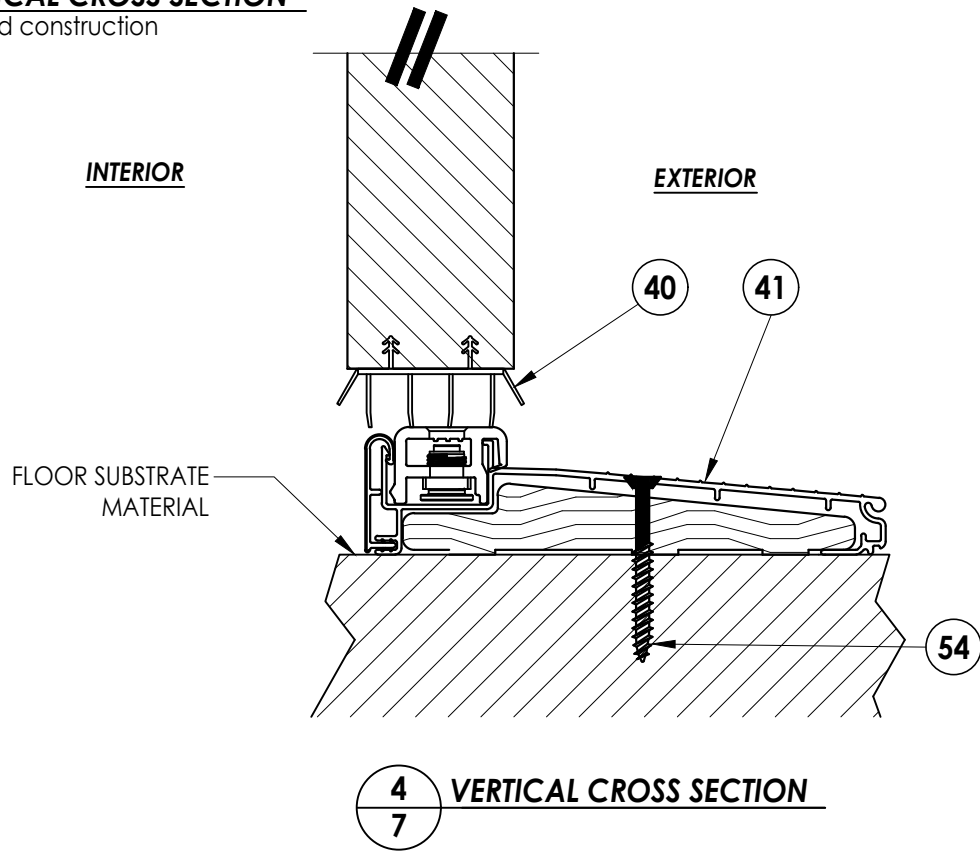
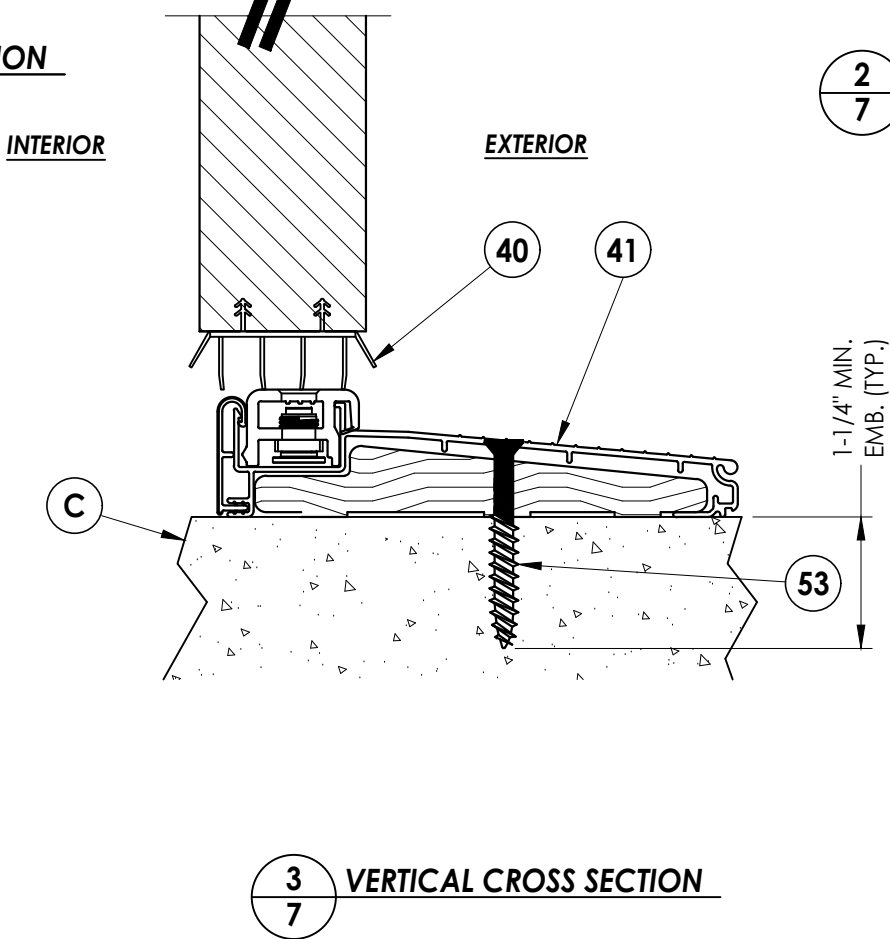
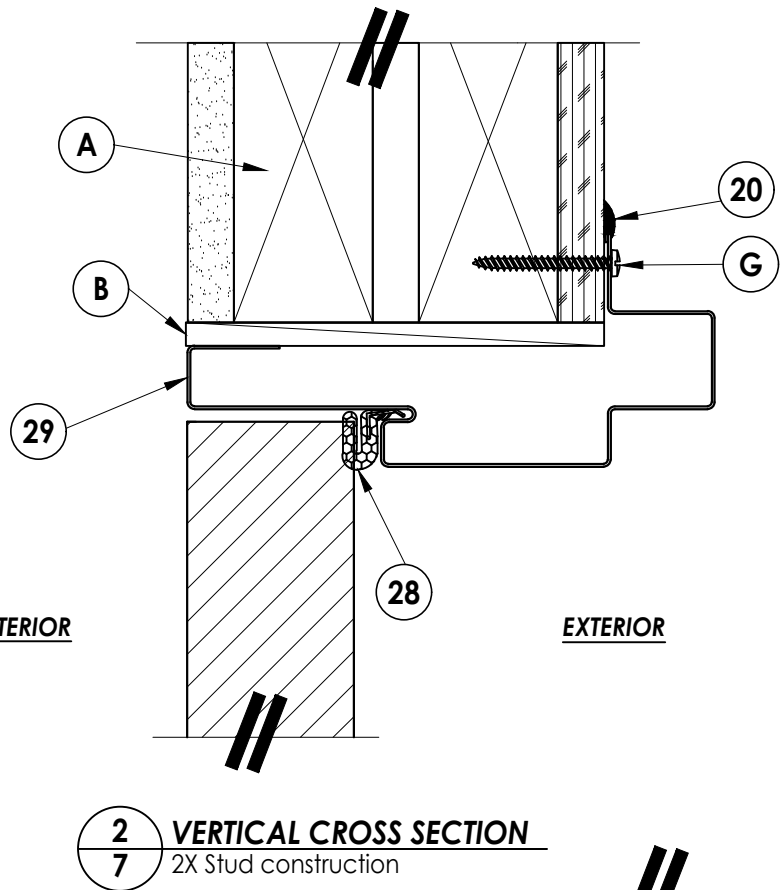
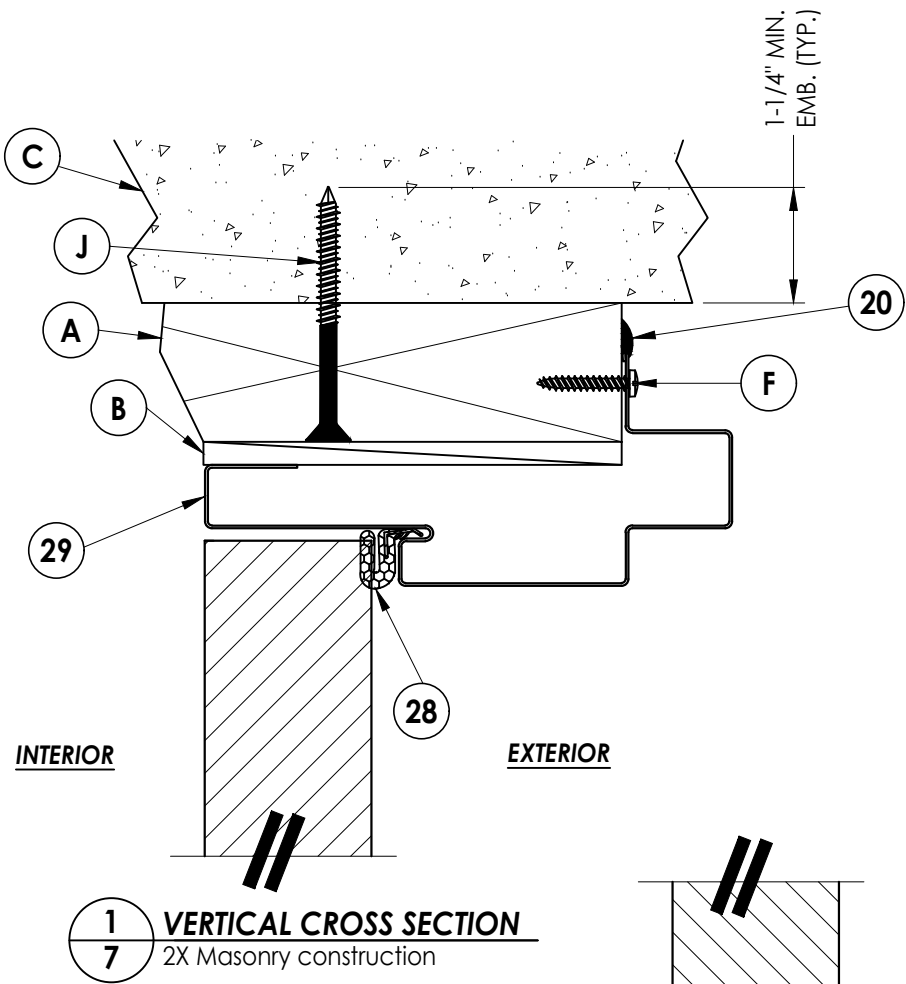
DRAWING NO.: FL-15362.2

SHEET 6 OF 12

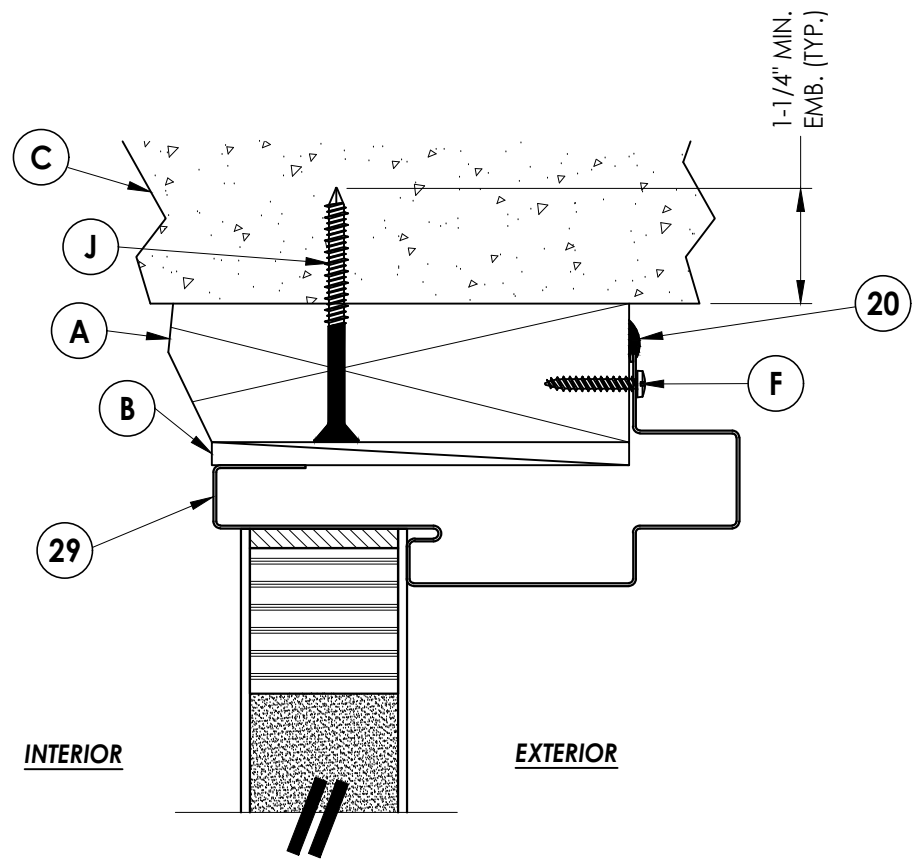
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2012 R.W. BUILDING CONSULTANTS INC.

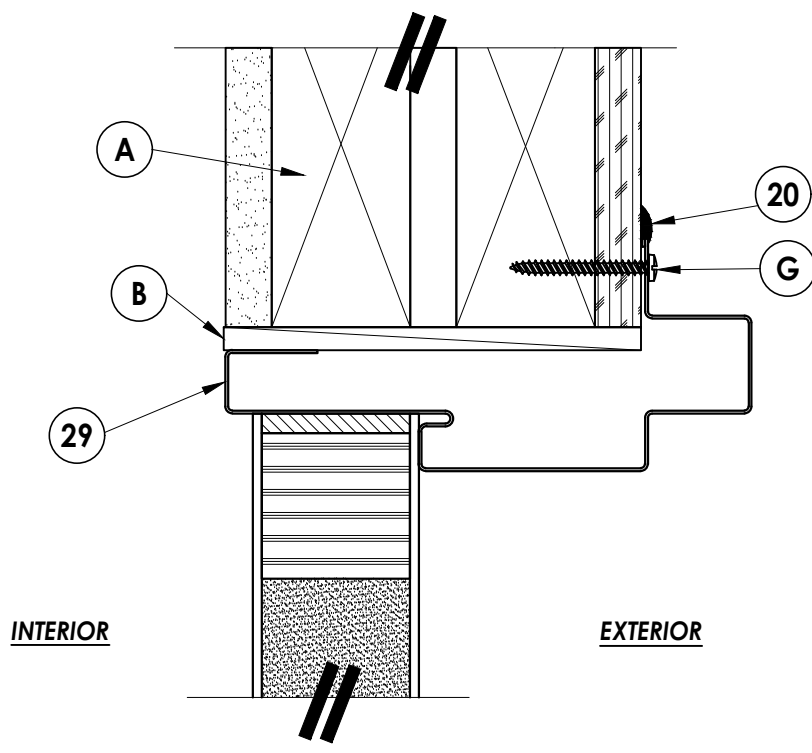
G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



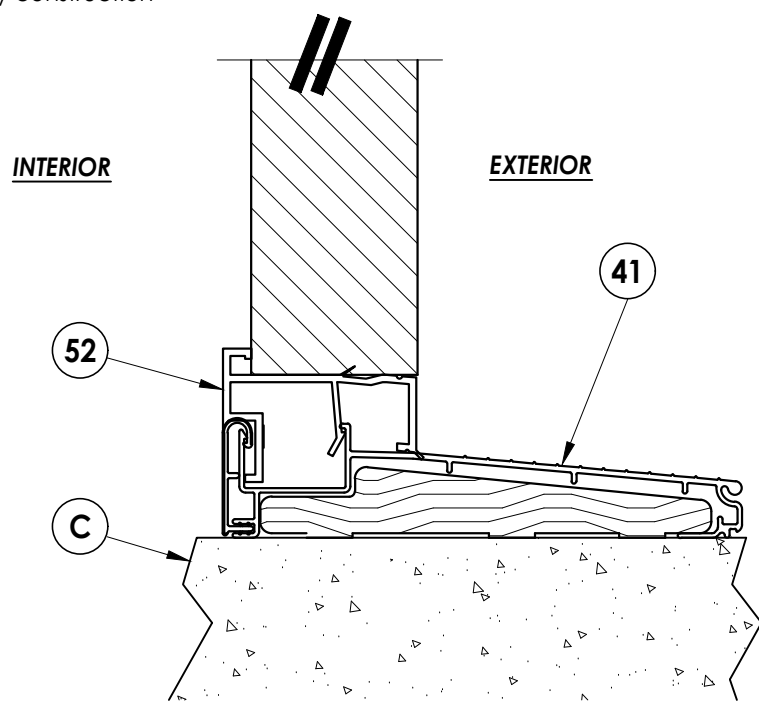
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: DUNBARTON ACHIEVER STEEL FRAME SYSTEM		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY	REVISIONS	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	DAC		
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC	JK		
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	JK		
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK	BY		
NO.	DATE						
DATE: 03/14/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15362.2							
SHEET 7 OF 12							



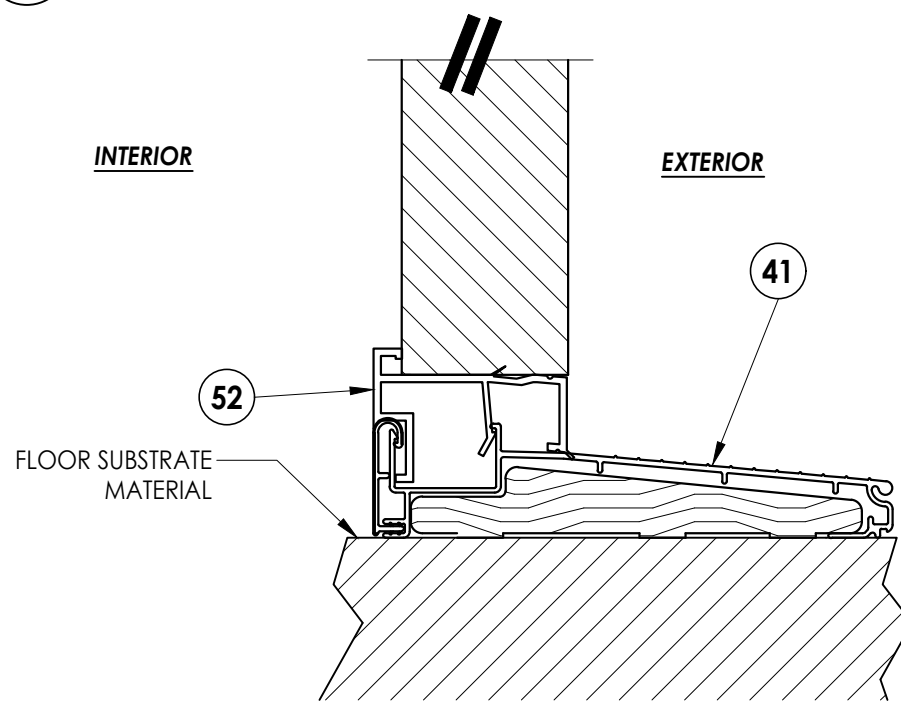
1 **VERTICAL CROSS SECTION**
8 2X Masonry construction



2 **VERTICAL CROSS SECTION**
8 2X Stud construction



3 VERTICAL CROSS SECTION
8



4 8 VERTICAL CROSS SECTION

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-15362.2

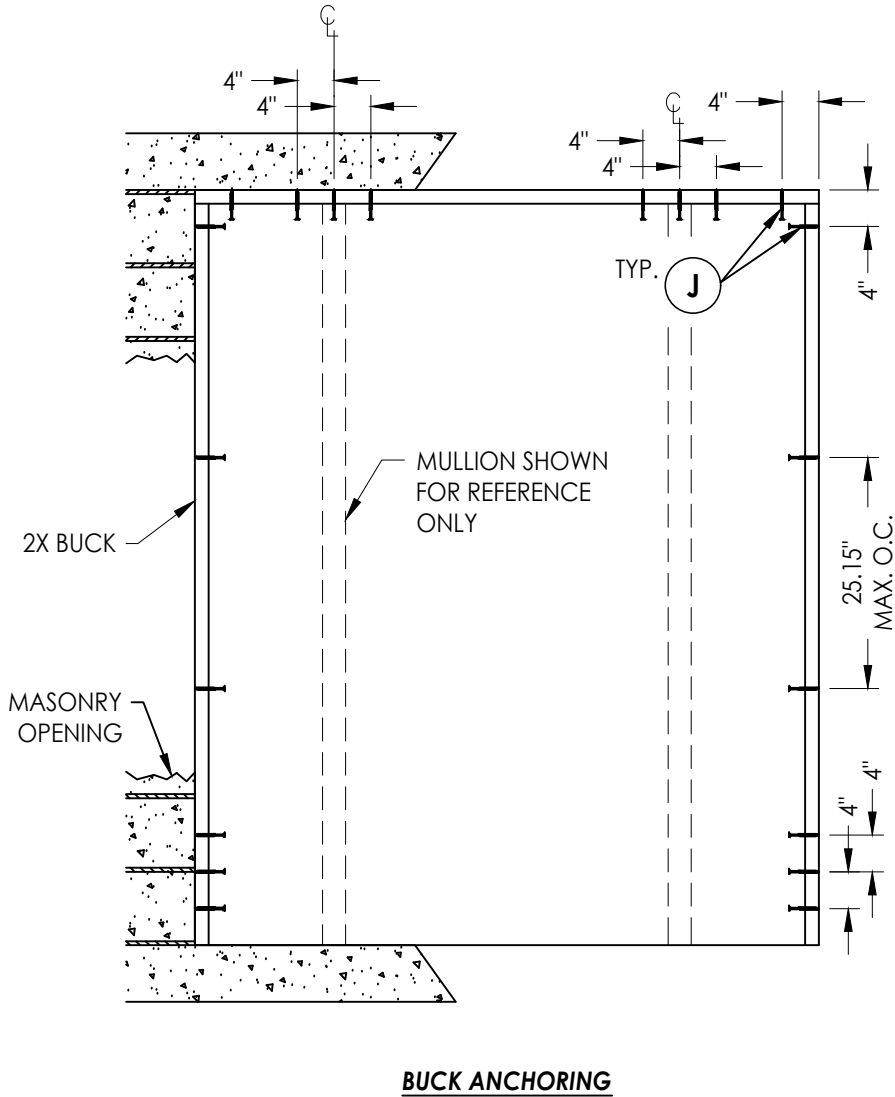
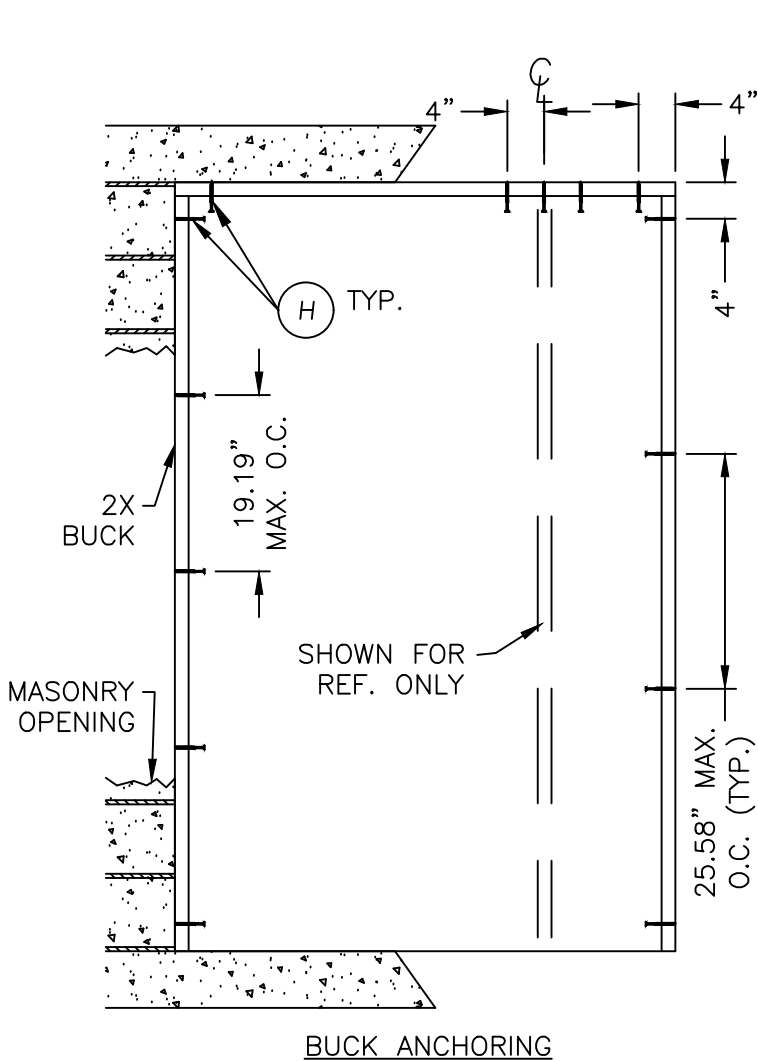
SHEET 8 OF 12

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

RAI BUILDING CONSULTANTS, INC.

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

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



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"

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

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
BUCK ANCHORING

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15362.2

SHEET 9 OF 12

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

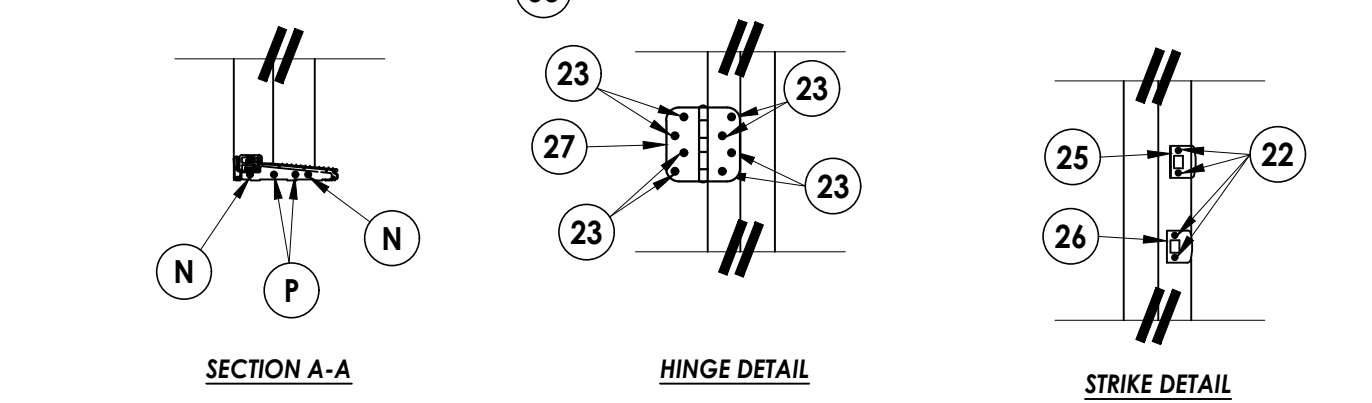
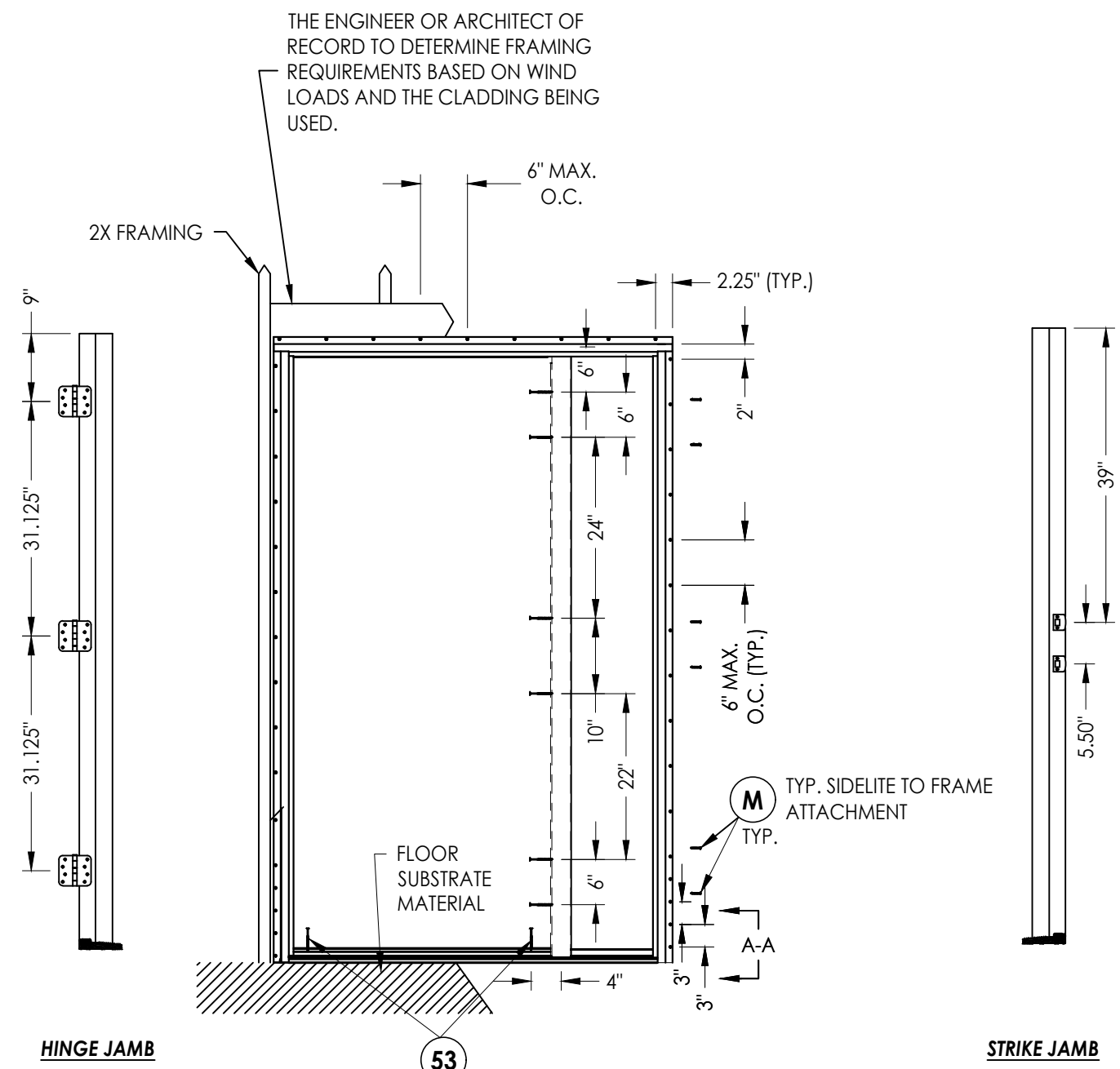
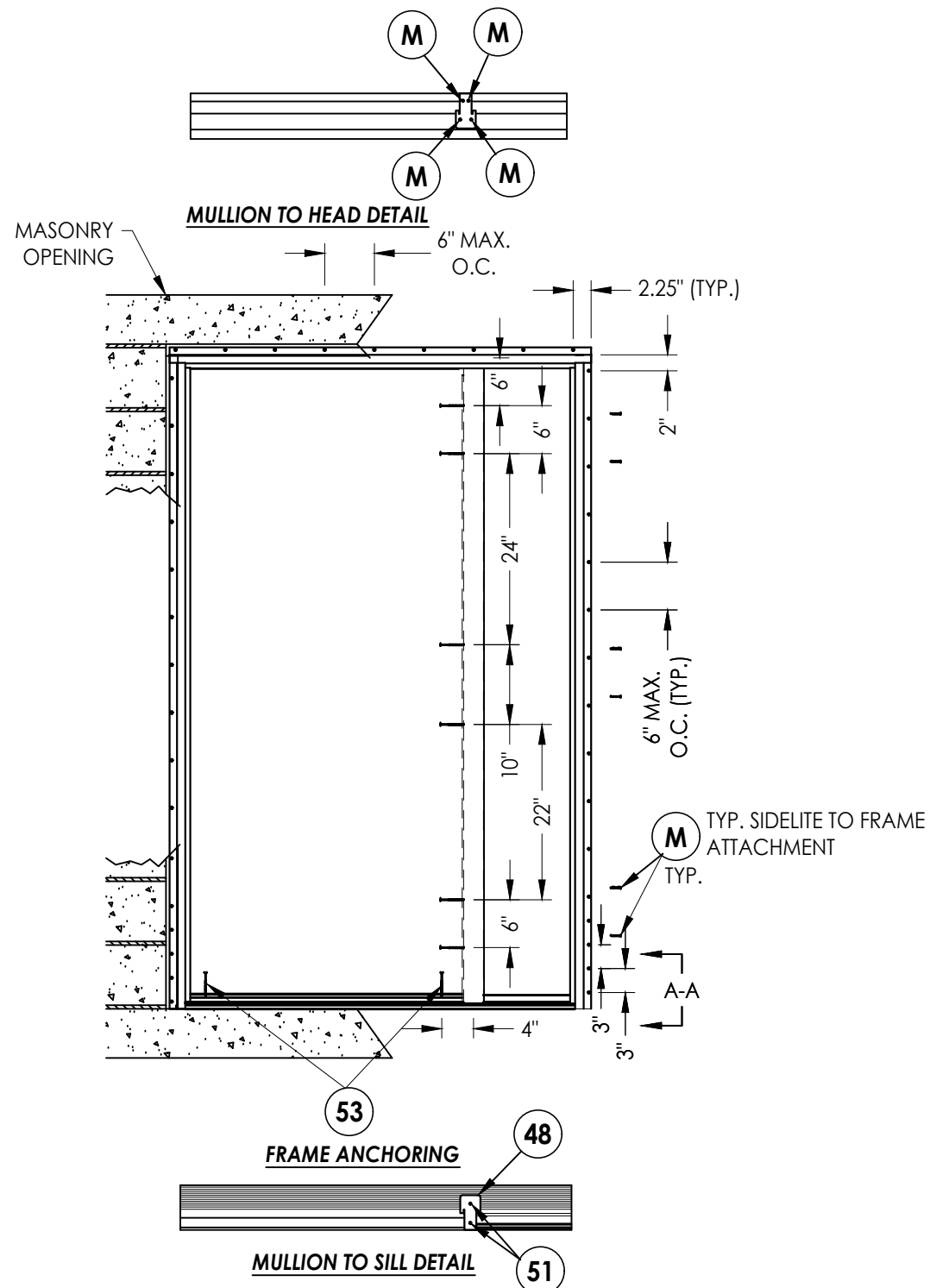
NO. DATE BY

REVISIONS

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

© 2012 R.W. BUILDING CONSULTANTS INC.

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



CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If 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
DeWALT ULTRACON®	5/16"	1-1/4"	3-1/8"	5"

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.

THE ENGINEER OR ARCHITECT OF RECORD TO DETERMINE FRAMING REQUIREMENTS BASED ON WIND LOADS AND THE CLADDING BEING USED.

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

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

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

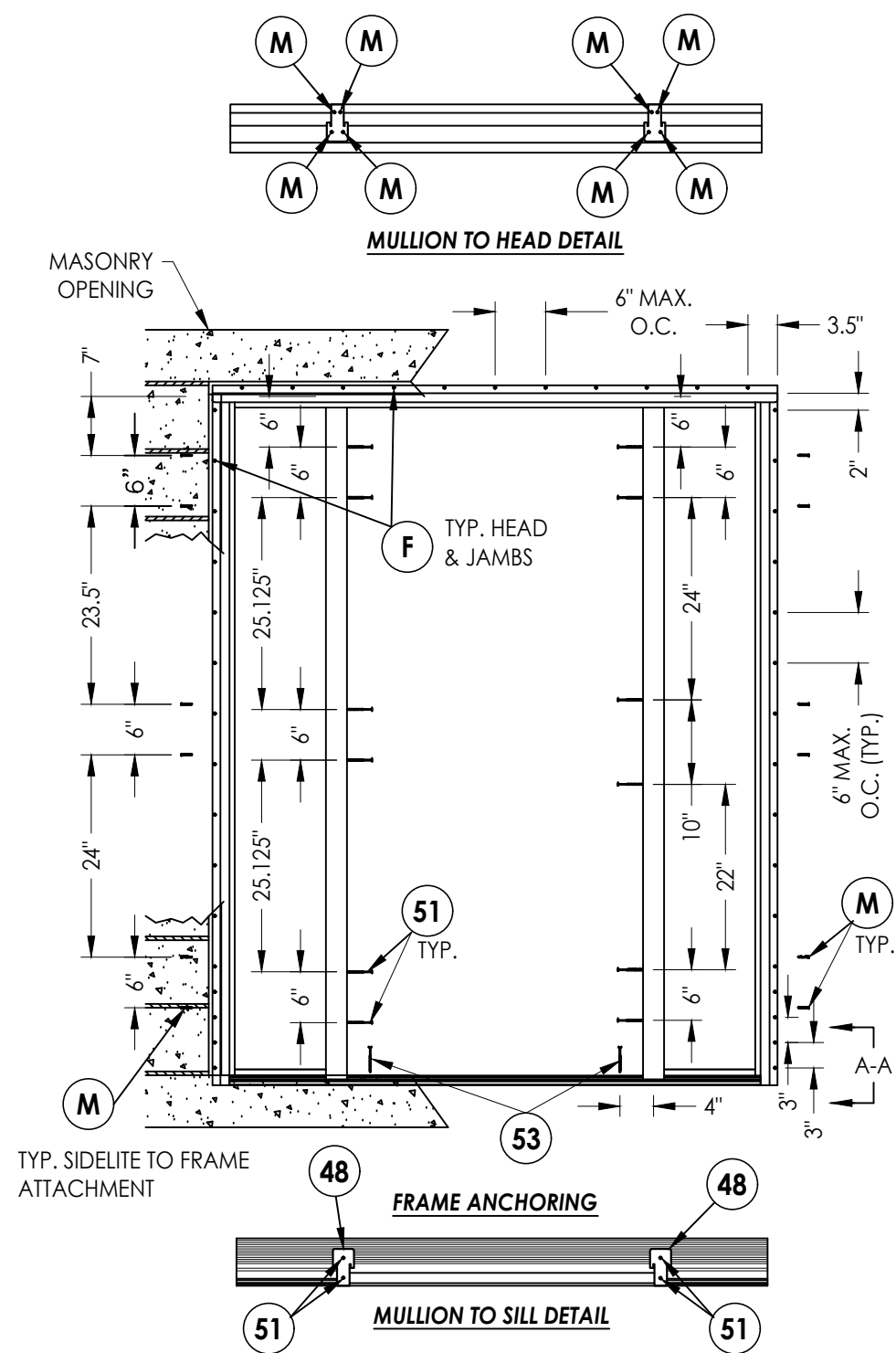
CHK. BY: LFS

DRAWING NO.:

FL-15362.2

SHEET 10 OF 12

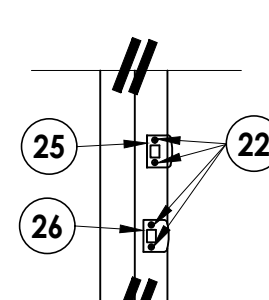
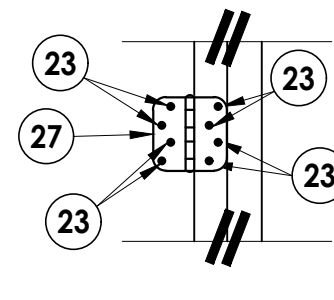
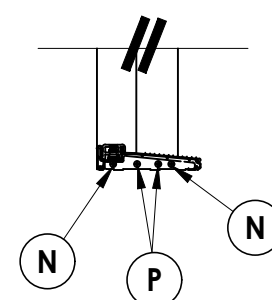
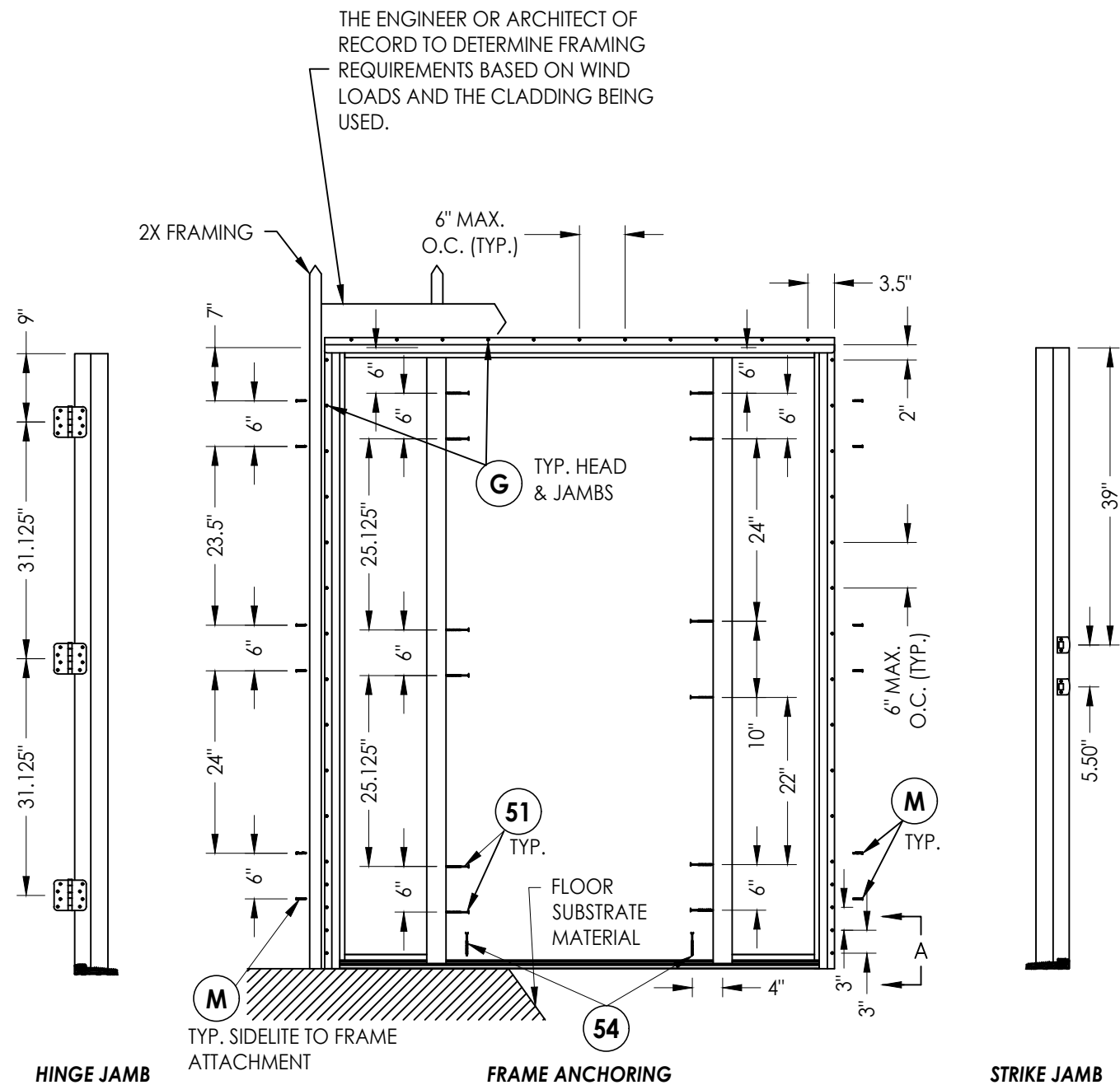
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



CONCRETE ANCHOR NOTES:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
DeWALT ULTRAACON®	5/16"	1-1/4"	3-1/8"	5"

WOOD SCREW INSTALLATION NOTES:



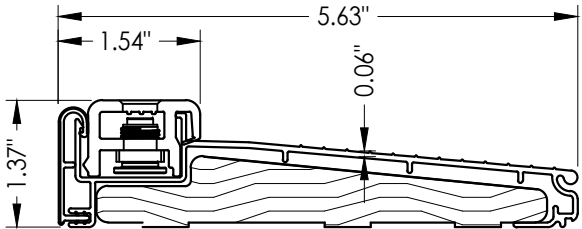
DATE: 03/14/12		PRODUCT: DUNBARTON	
SCALE: N.T.S.		ACHIEVER STEEL FRAME SYSTEM	
DWG. BY: JK		PART OR ASSEMBLY:	
CHK. BY: LFS		FRAME ANCHORING	
DRAWING NO.: FL-15362.2			
SHEET 11 OF 12			

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

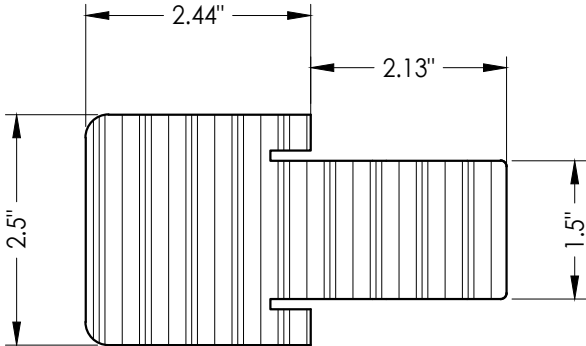
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

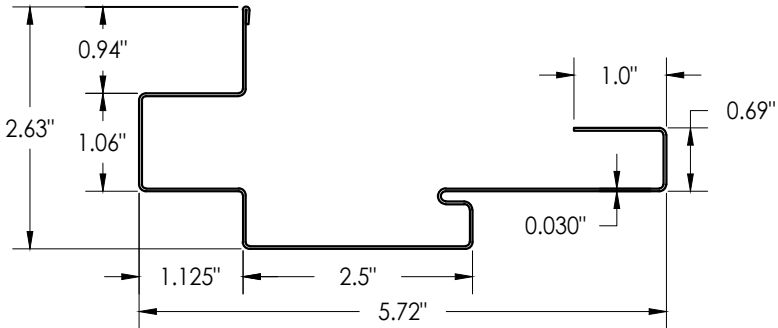
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X BUCK SG >= 0.55	WOOD
B	1/4" MAX. SHIM SPACE	-
C	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
M	#8 X 1-1/4" PPH SCREW	STEEL
N	#10 X 2-1/2" PPH WOOD SCREW	STEEL
P	#8 X 1-1/4" PPH SCREW	STEEL
20	SEALANT	SILICONE
22	#7 X 3/4" PFH SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
29	FRAME	STEEL
41	INSWING THRESHOLD	ALUM./WOOD
48	MULLION PAD SPACER	PVC
49	MULLION CAP	STEEL
50	MULLION	LVL
51	#10 X 3" PFH WS	STEEL
52	INSWING SIDELITE SPACER	PVC
53	5/16" X 2-1/4" DeWALT CONCRETE SCREW	STEEL
54	#12 X 2" PFH WOOD SCREW	STEEL



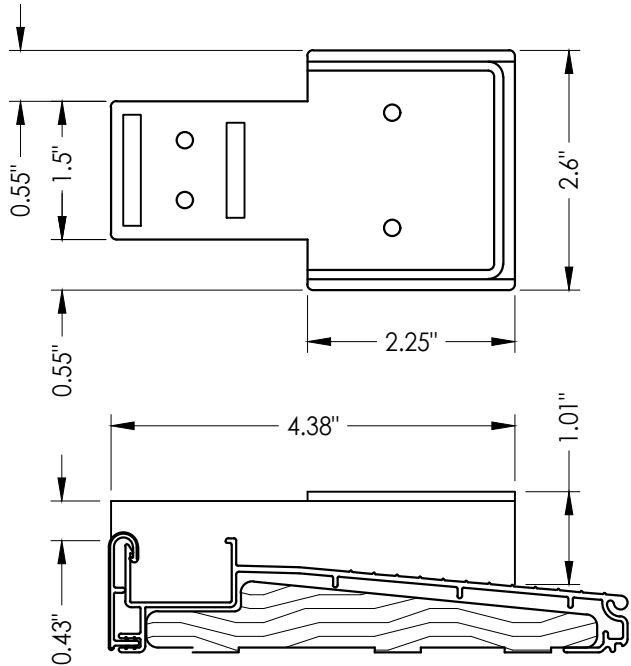
41 INSWING THRESHOLD
ENDURA



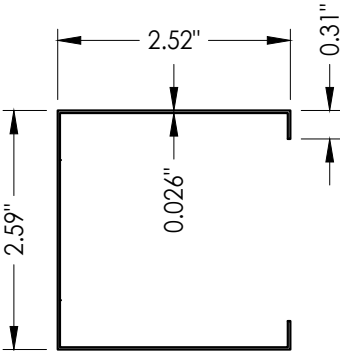
50 MULLION



29 FRAME



48 MULLION PAD SPACER



49 MULLION CAP

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
NO.	DATE	BY

DATE:	03/14/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15362.2
SHEET	12 OF 12

PRODUCT:	DUNBARTON ACHIEVER STEEL FRAME SYSTEM
PART OR ASSEMBLY:	BILL OF MATERIALS AND COMPONENTS

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