



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 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.

67.00" MAX. FRAME WIDTH

83.00" MAX. FRAME HEIGHT

O

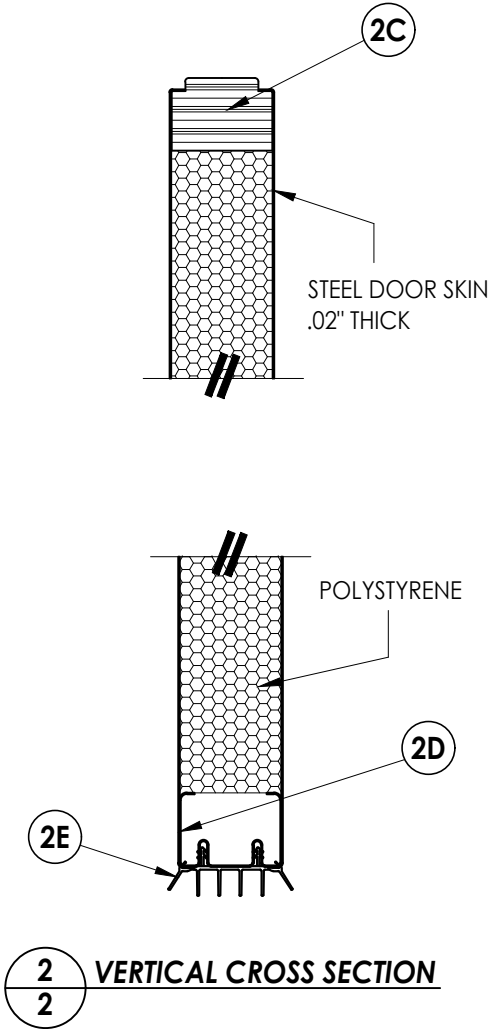
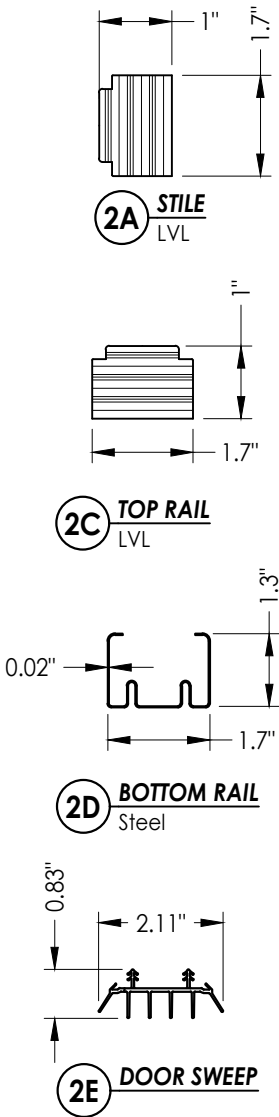
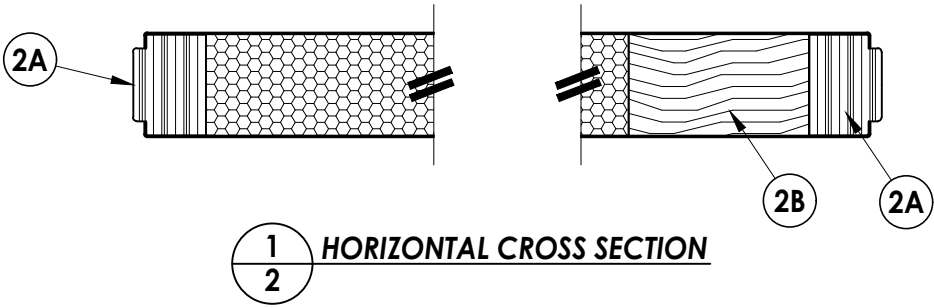
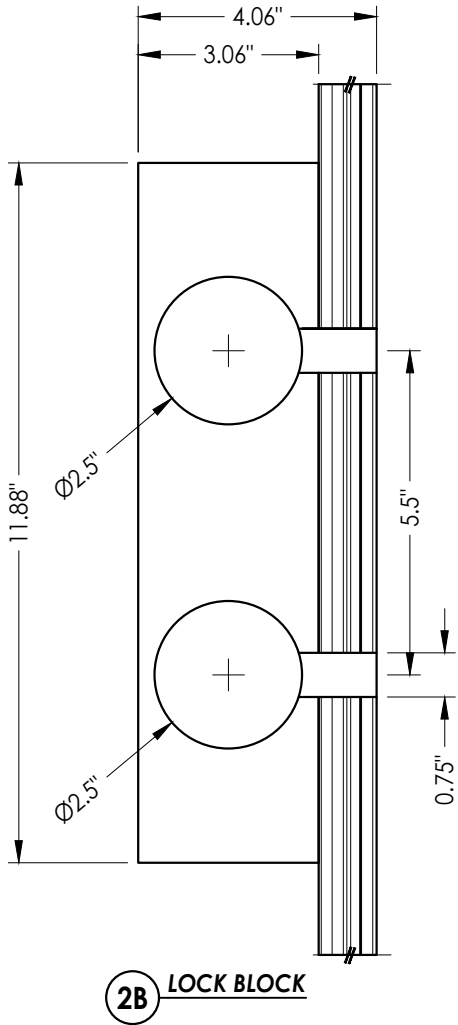
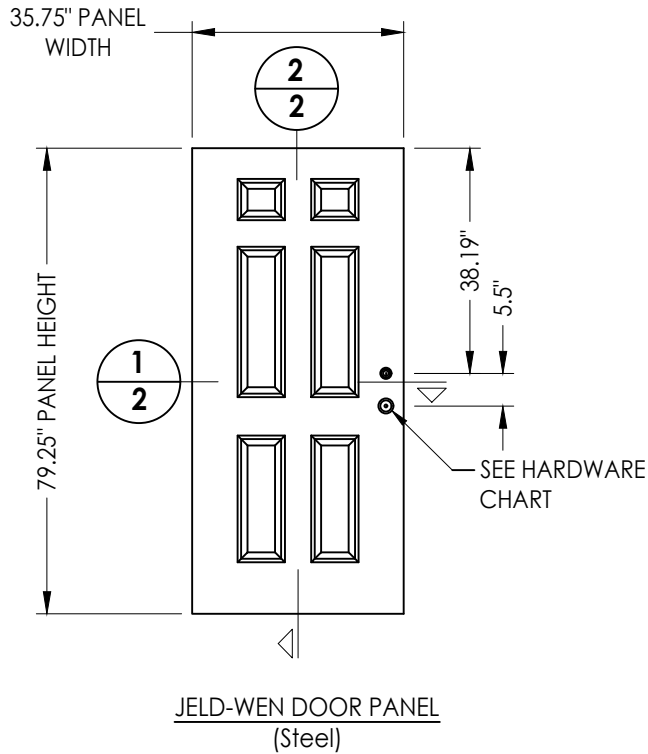
X

O

Oval Glazed

PRODUCT: DUNBARTON ACHIEVER STEEL FRAME SYSTEM			
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES			
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 1 OF 12			

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

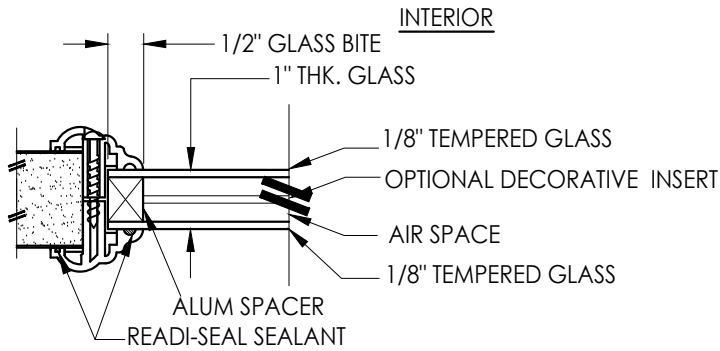
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

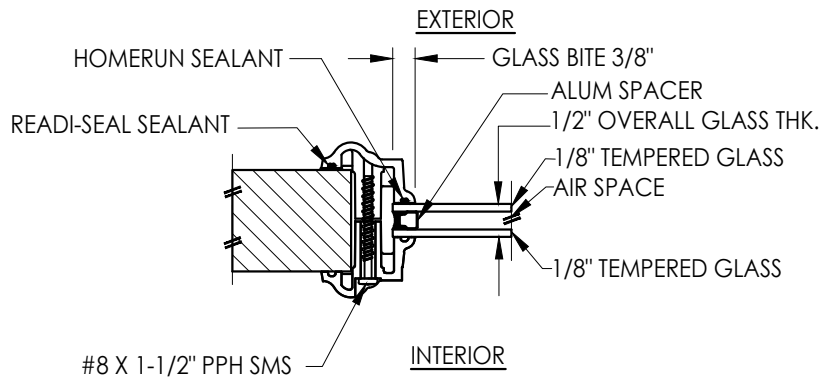
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
* FBPE Registry No. 9813

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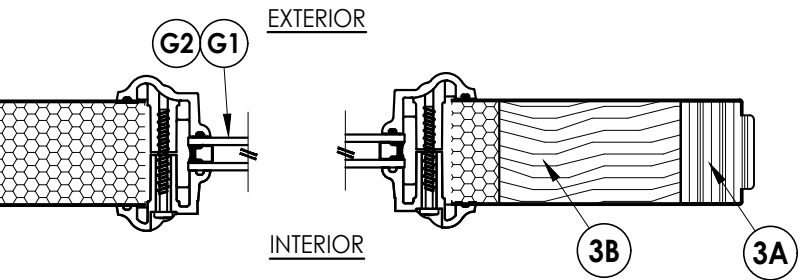
HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	KNOB:	FT3 SERIES
	DEADBOLT:	FD2 SERIES



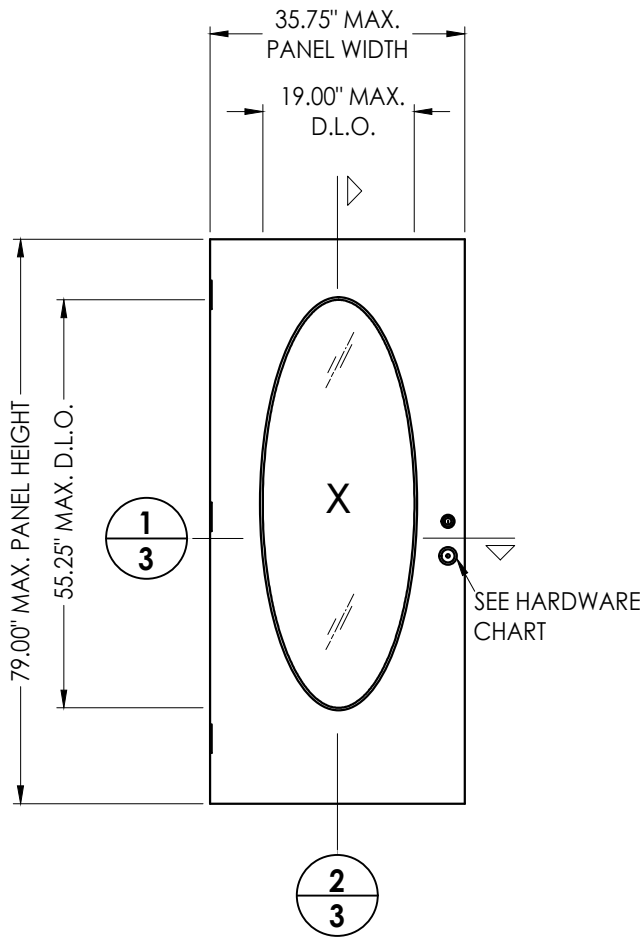
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ODL HP Lite Frame



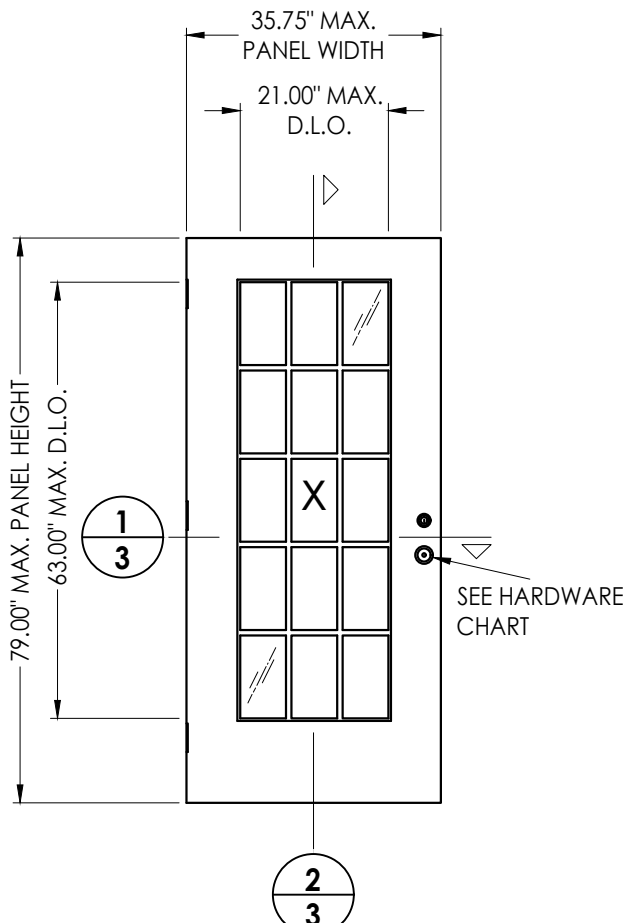
G1 GLAZING DETAIL
ODL HP Lite Frame



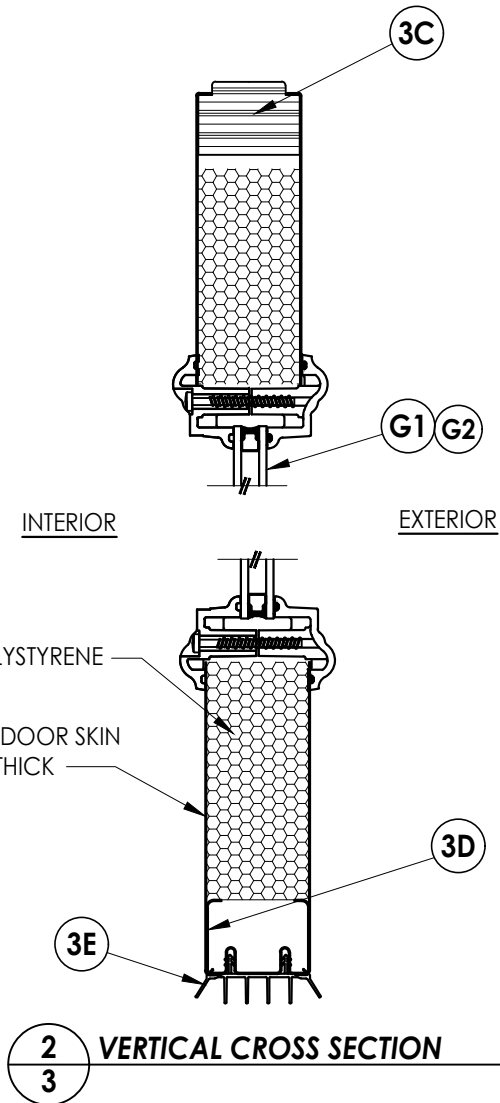
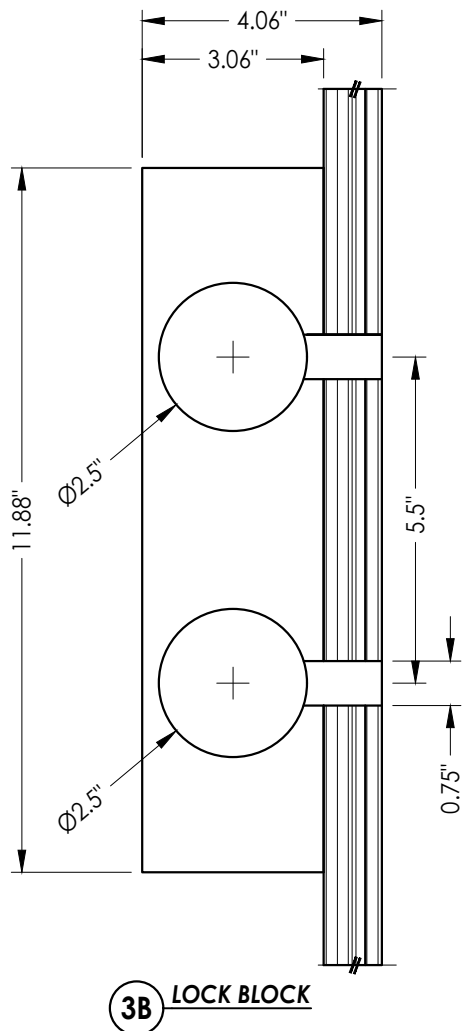
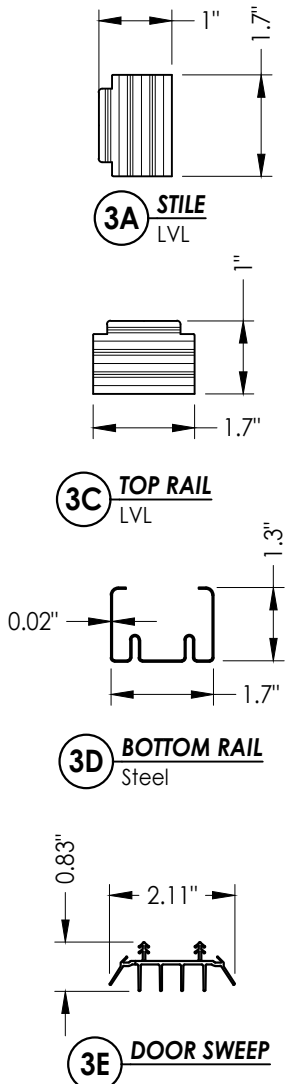
1/3 HORIZONTAL CROSS SECTION



JELD-WEN STEEL DOOR PANEL
(Oval Glazed)



JELD-WEN STEEL DOOR PANEL
(Rectangular Glazed)



2/3 VERTICAL CROSS SECTION

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PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
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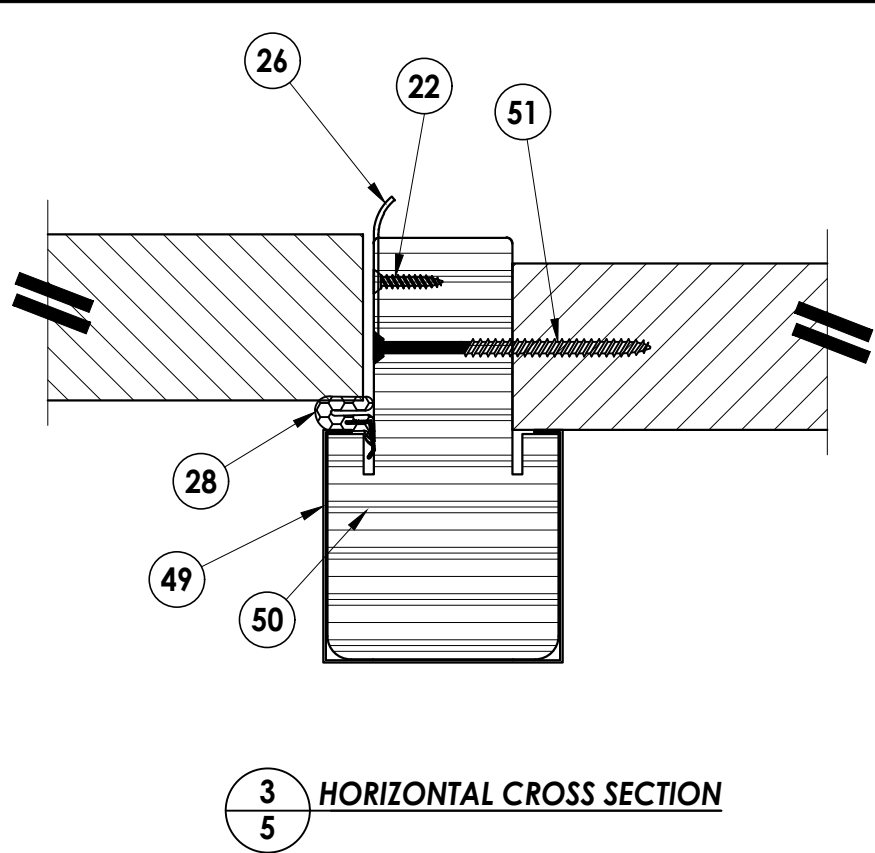
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CHK. BY: LFS

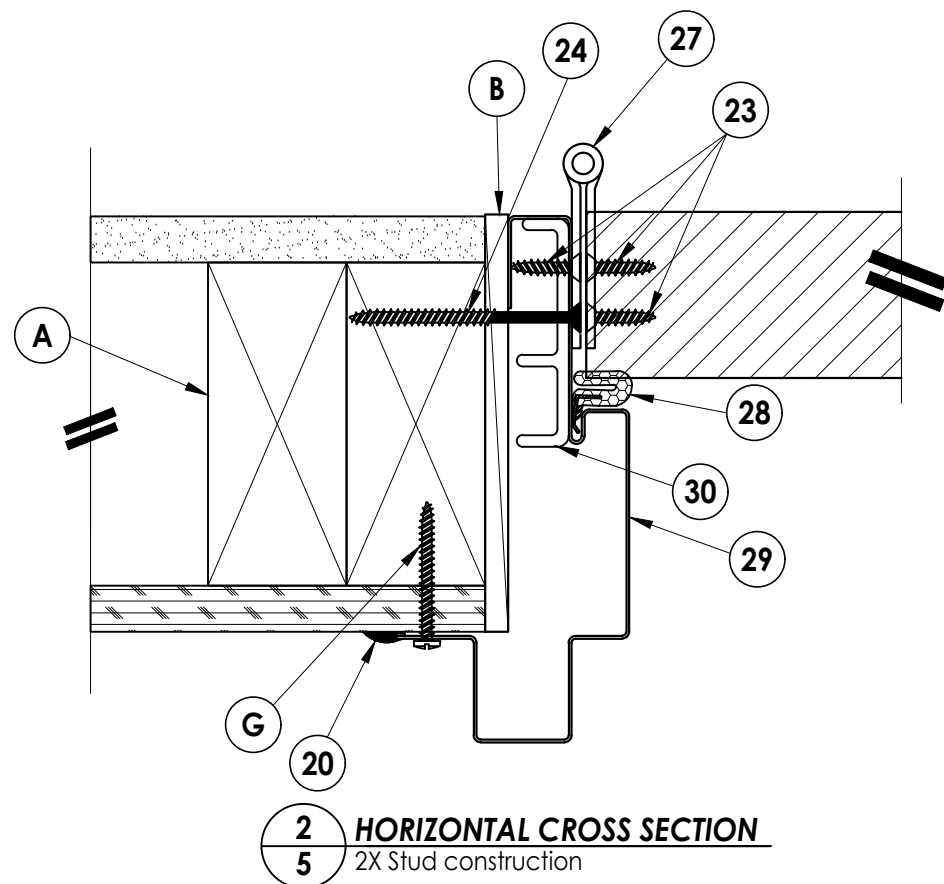
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FL-15362.2

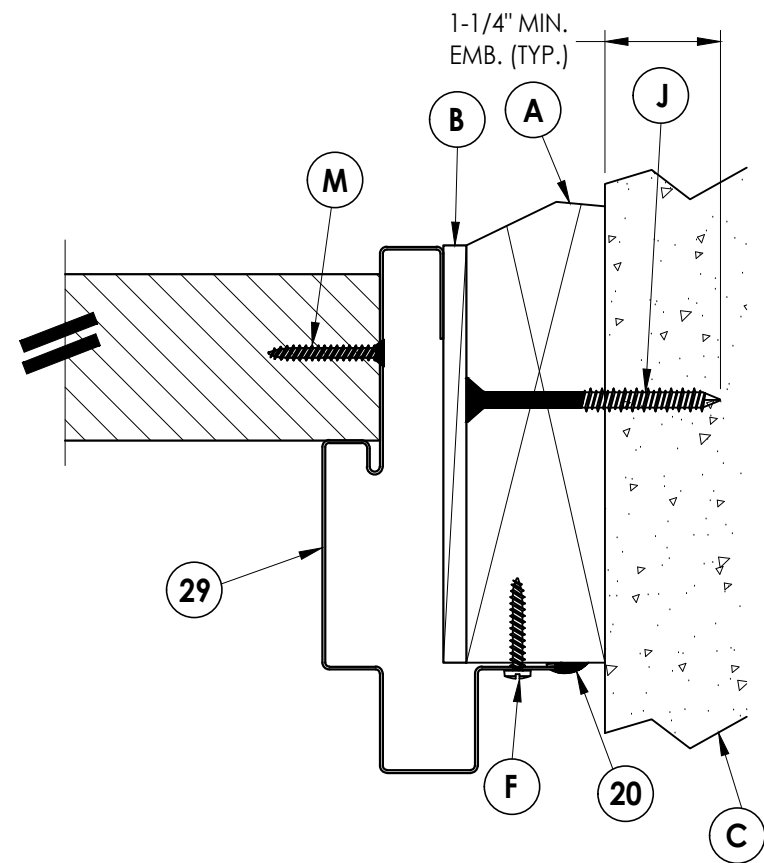
SHEET 3 OF 12



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

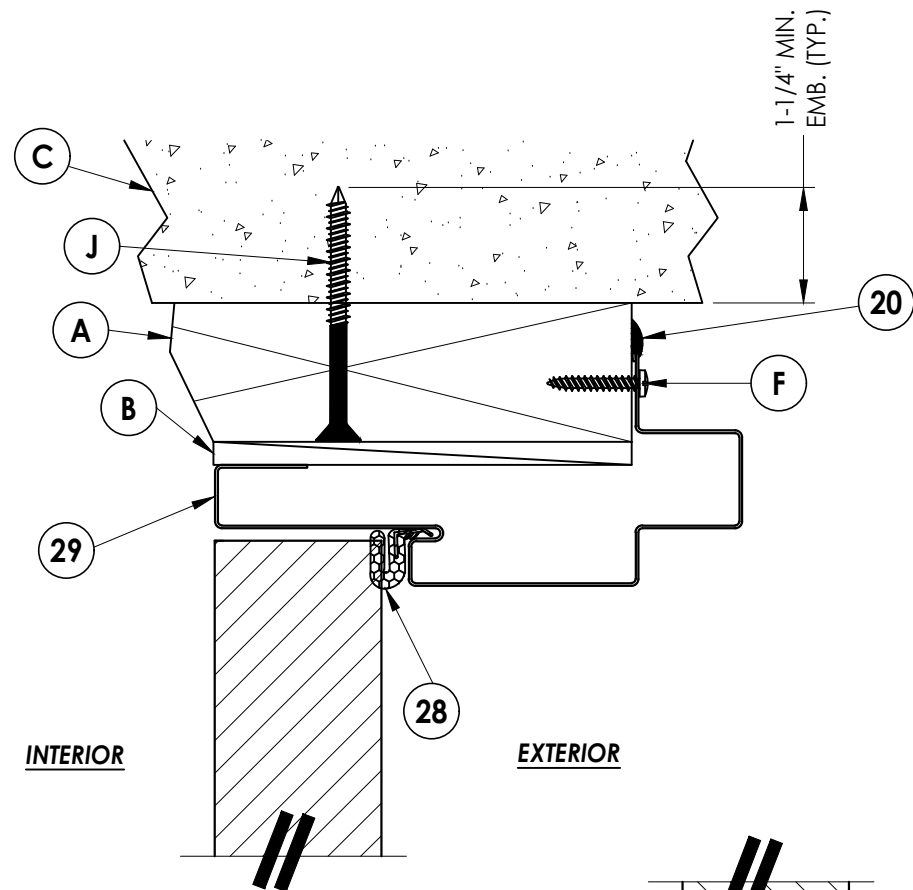


2 **HORIZONTAL CROSS SECTION**
5 2X Stud construction

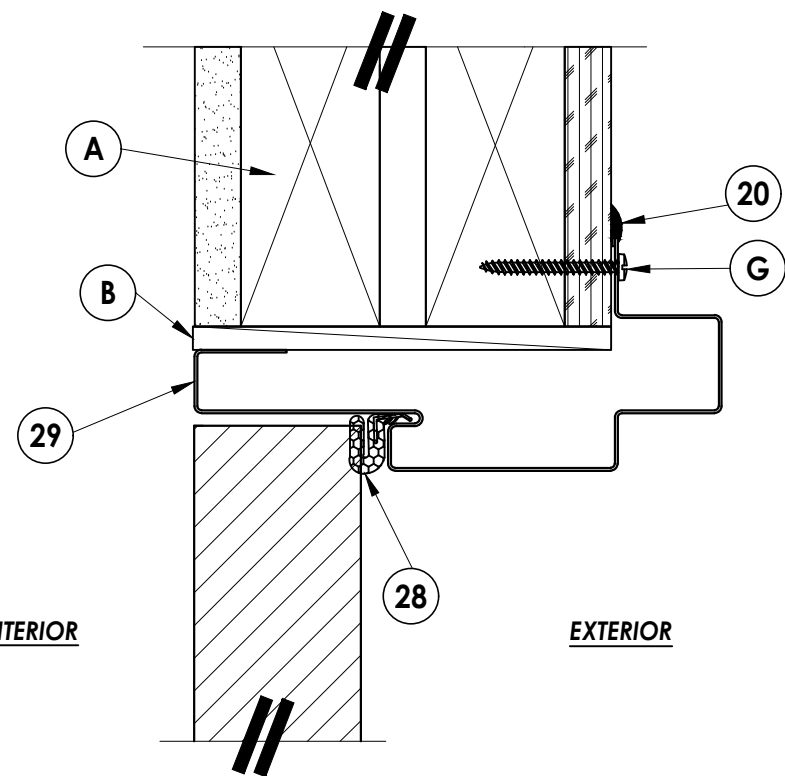


4 HORIZONTAL CROSS SECTION
5 2X Masonry construction

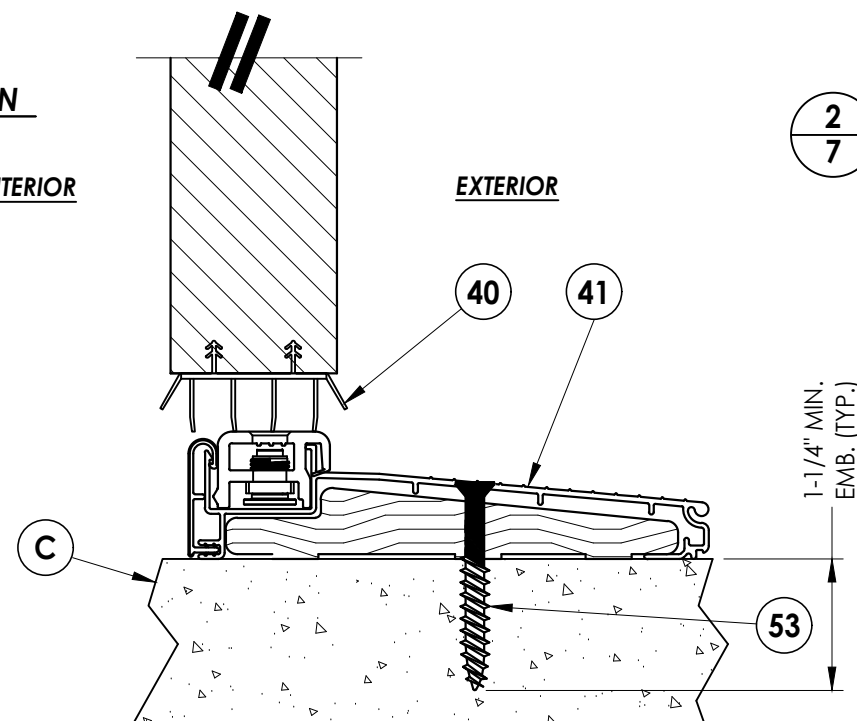
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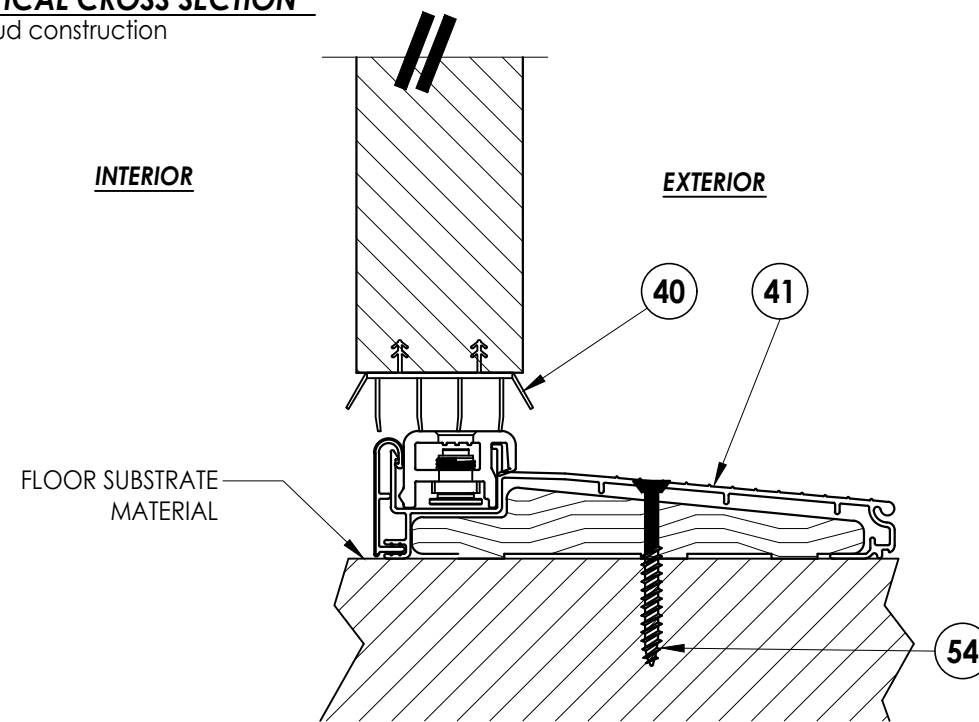
1
7 **VERTICAL CROSS SECTION**
2X Masonry construction



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



3
7 **VERTICAL CROSS SECTION**



4
7 **VERTICAL CROSS SECTION**

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P.E. No. 43409

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PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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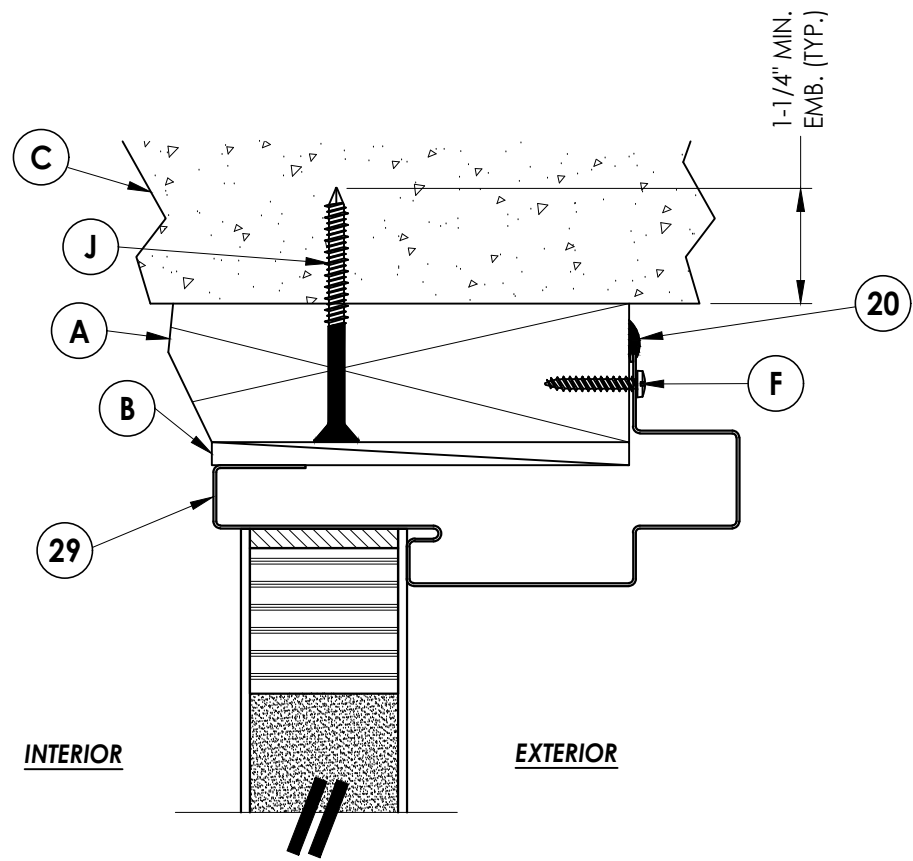
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CHK. BY: LFS

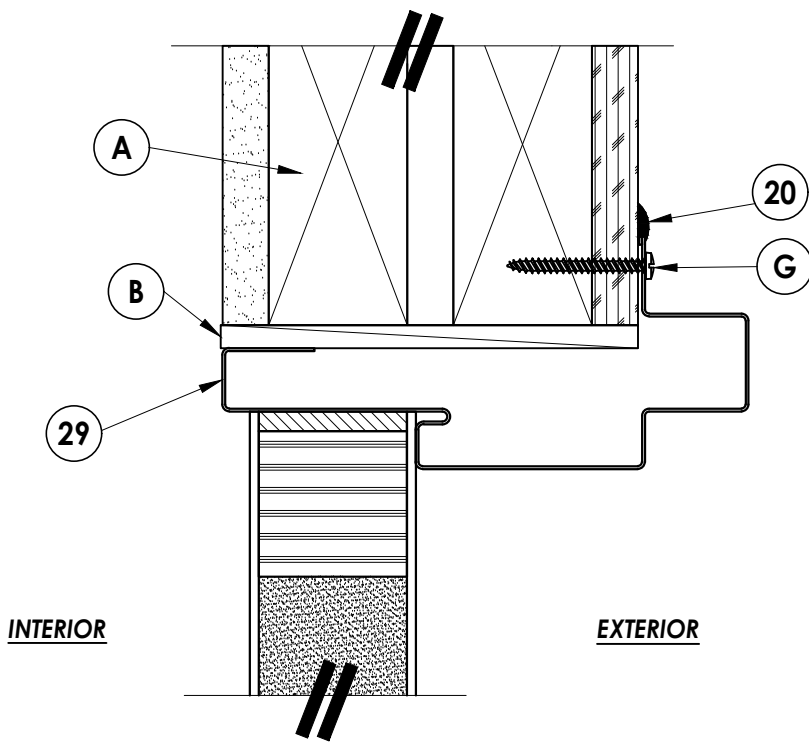
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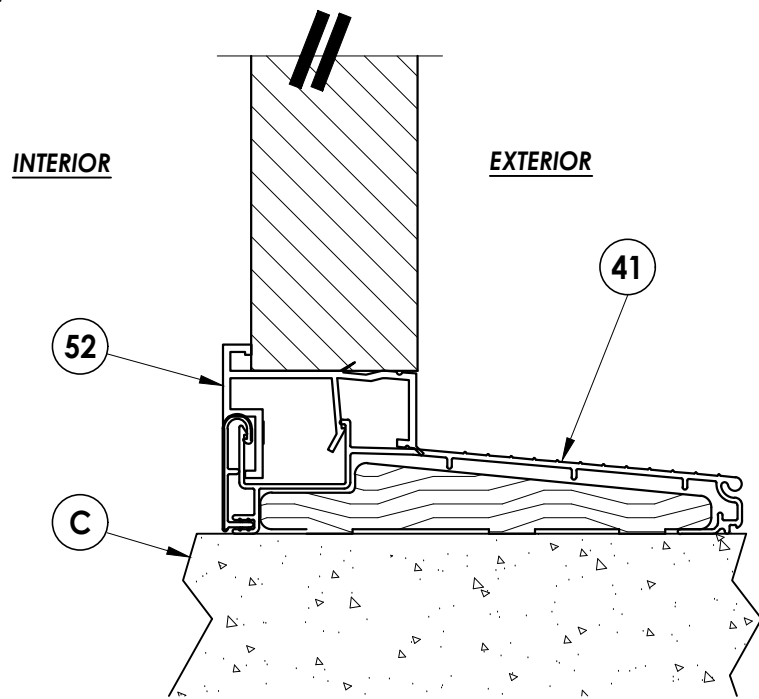
SHEET 7 OF 12



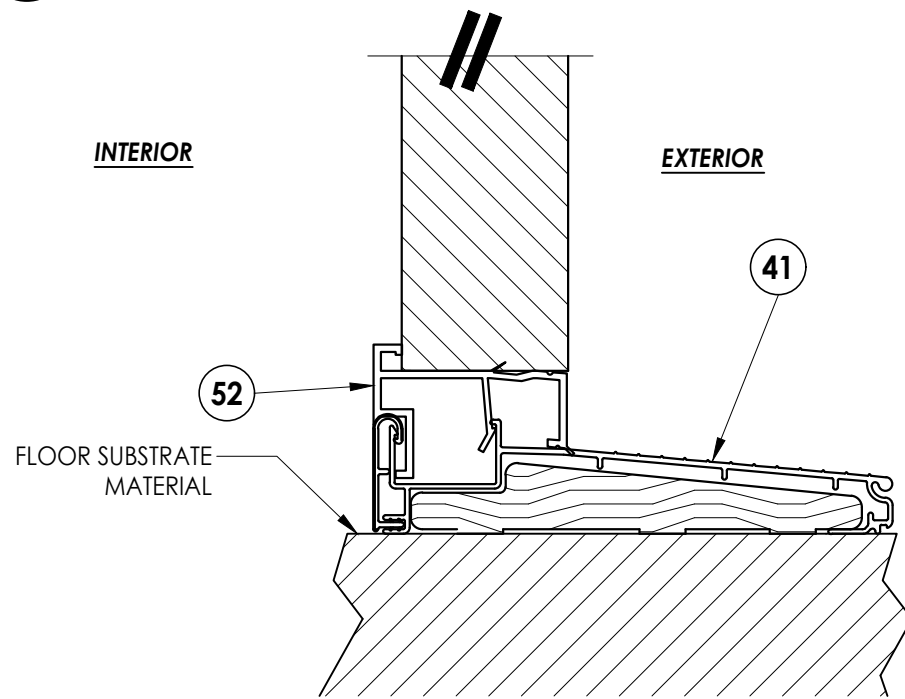
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8 **VERTICAL CROSS SECTION**
2X Masonry construction



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



3
8 **VERTICAL CROSS SECTION**



4
8 **VERTICAL CROSS SECTION**

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P.E. No. 43409

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ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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		BY

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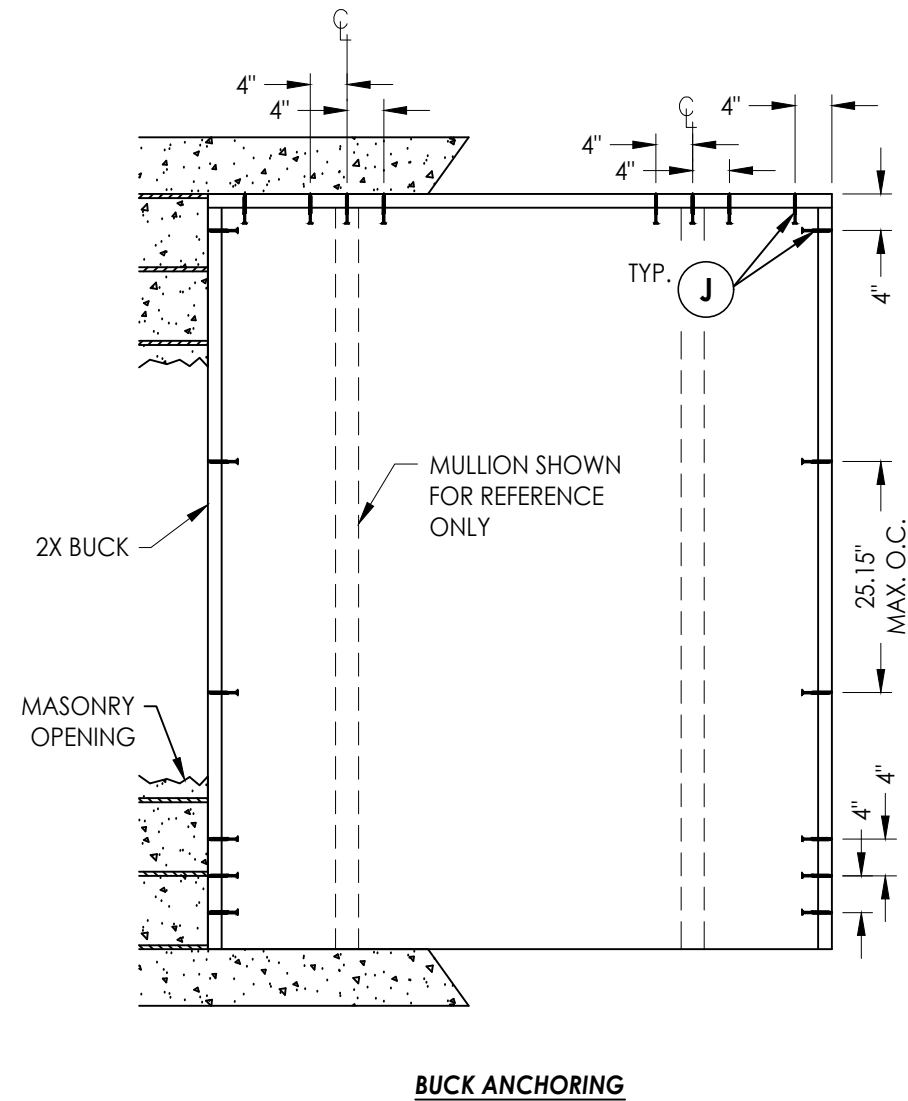
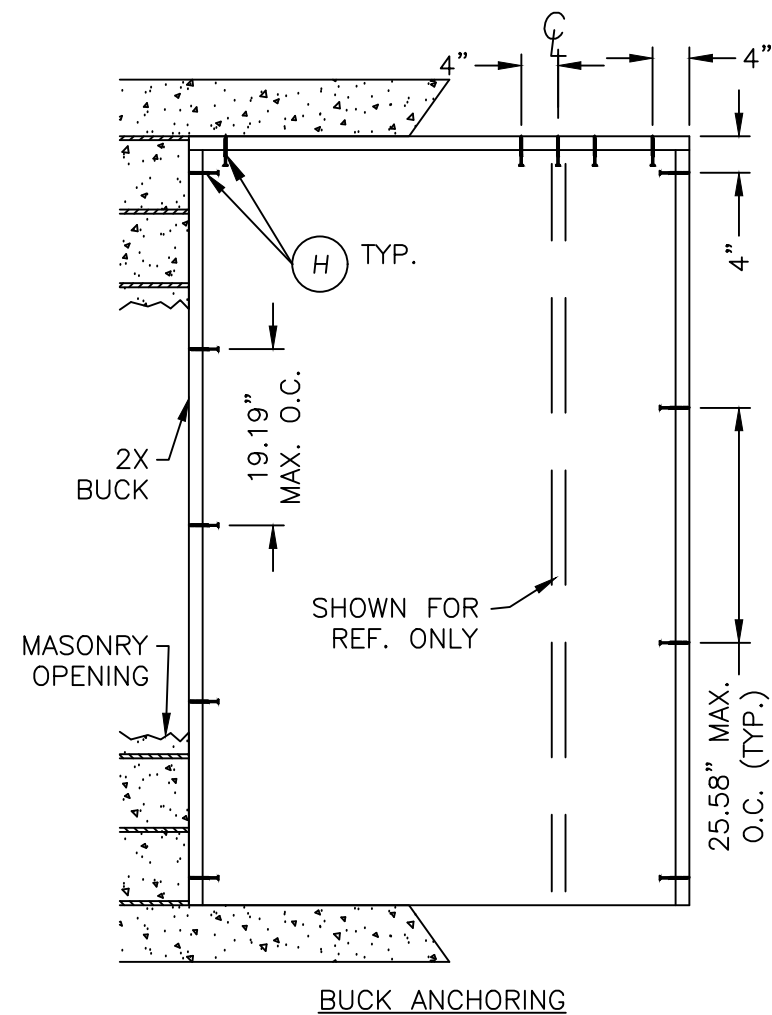
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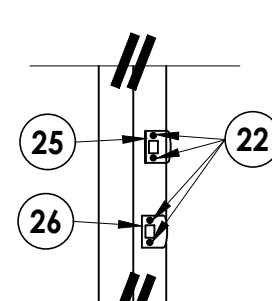
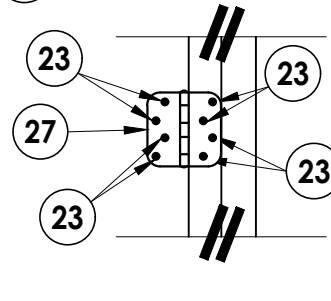
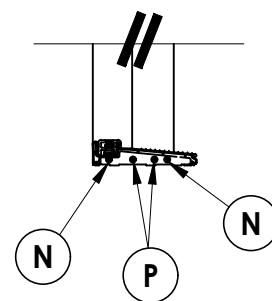
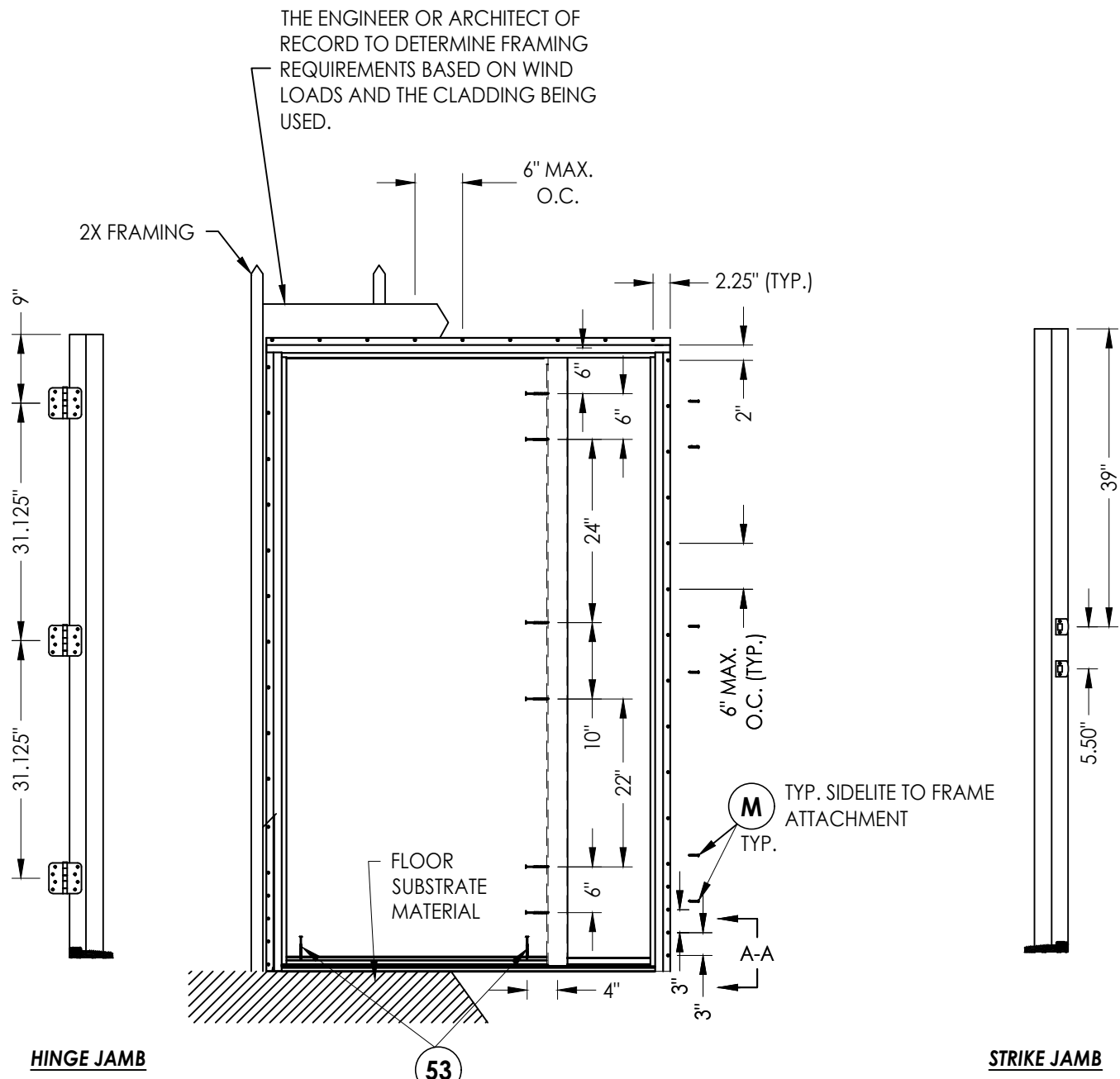
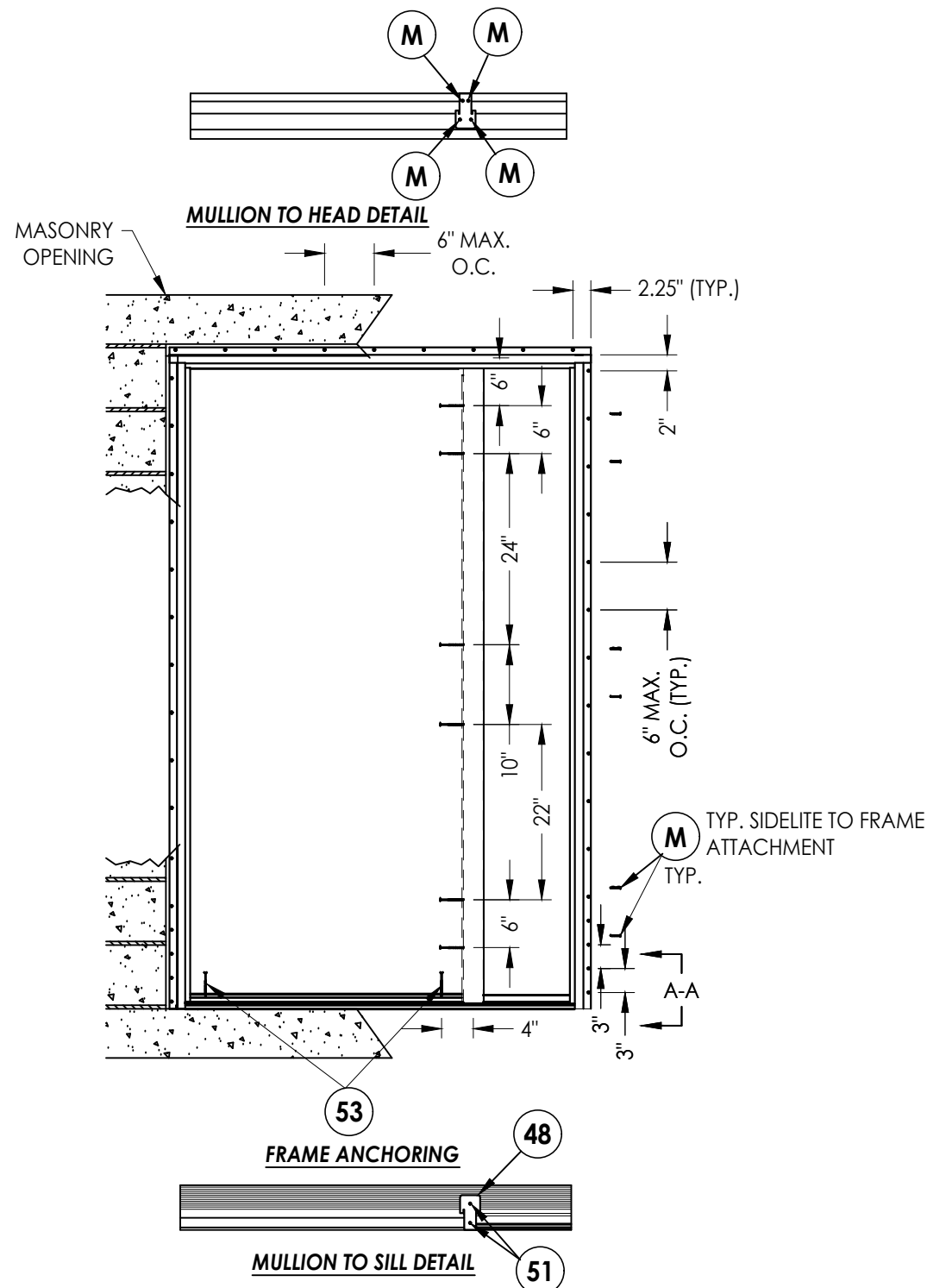
CHK. BY: LFS

DRAWING NO.:

FL-15362.2

SHEET 8 OF 12





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.

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PRODUCT: DUNBARTON
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PART OR ASSEMBLY:
FRAME ANCHORING

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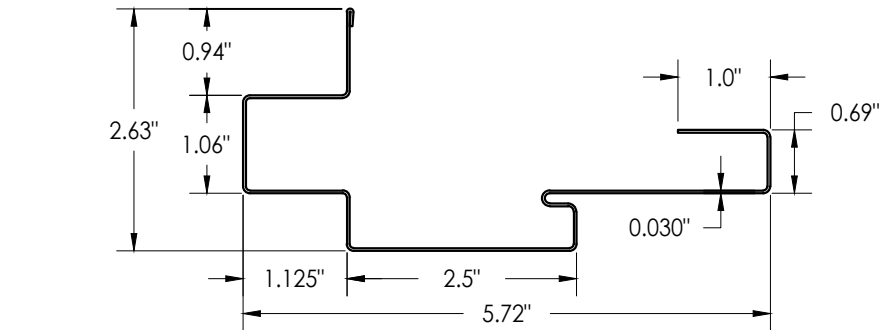
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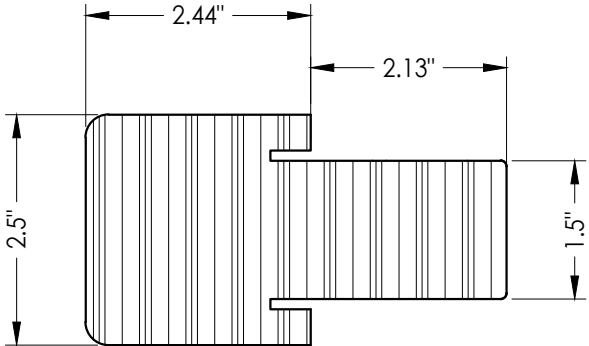
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SHEET 10 OF 12

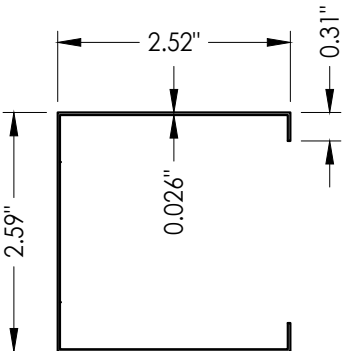
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X BUCK SG >= 0.55	WOOD
B	1/4" MAX. SHIM SPACE	-
C	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
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



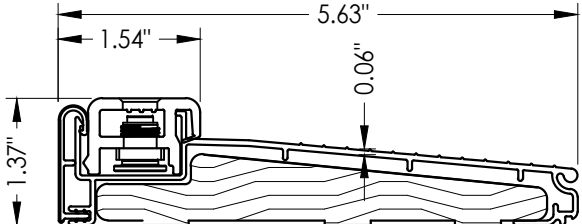
29 FRAME



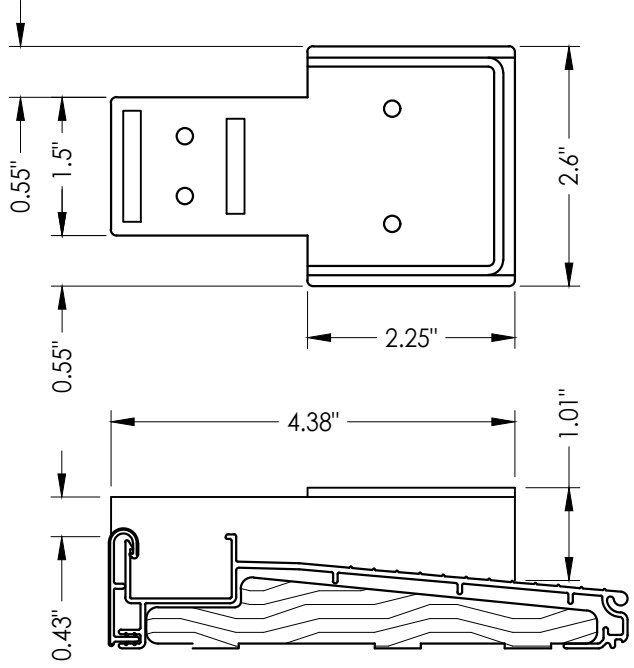
50 MULLION



49 MULLION CAP



41 INSWING THRESHOLD
ENDURA



48 MULLION PAD SPACER

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 AND COMPONENTS	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
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SHEET 12 OF 12			