

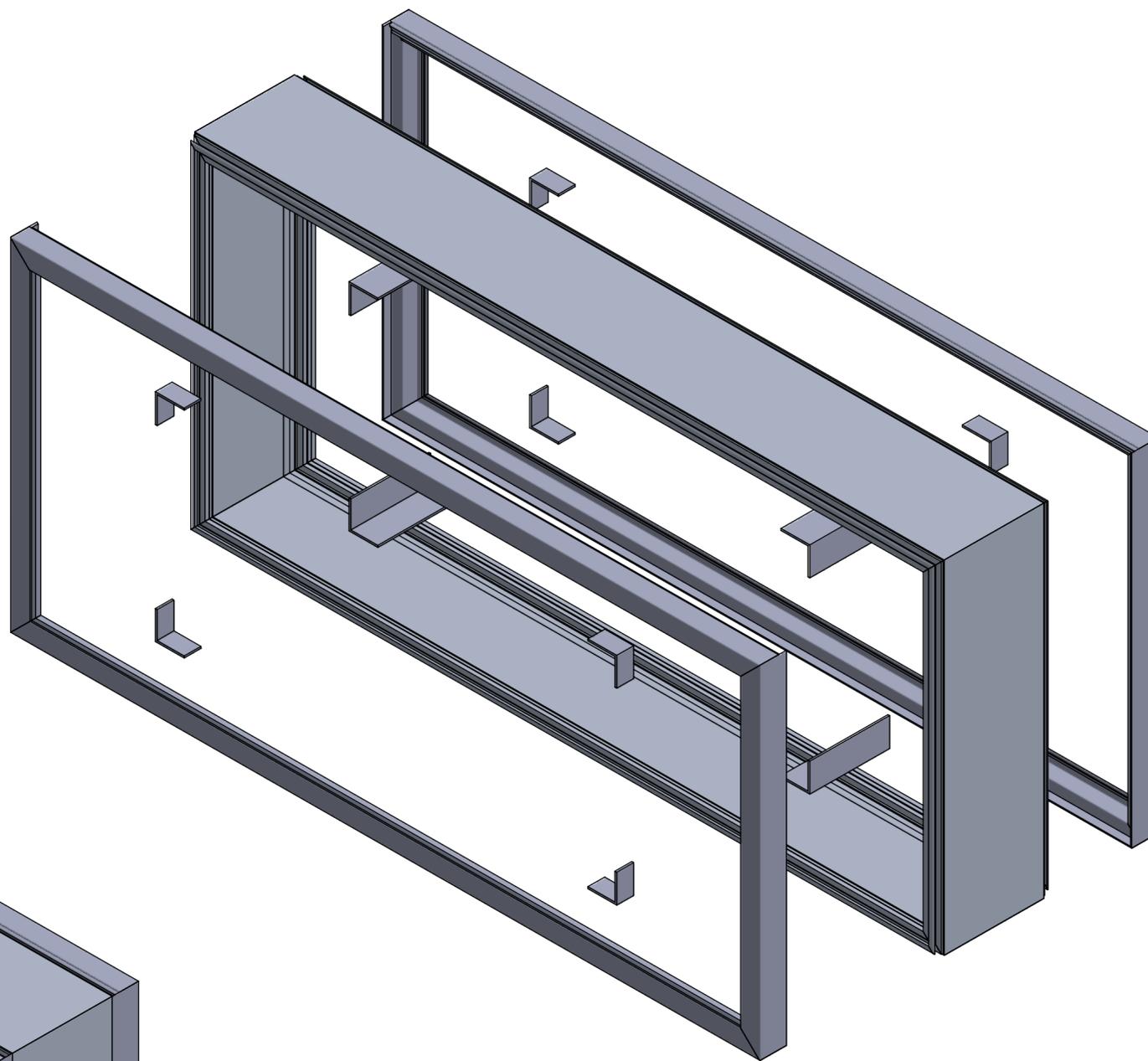
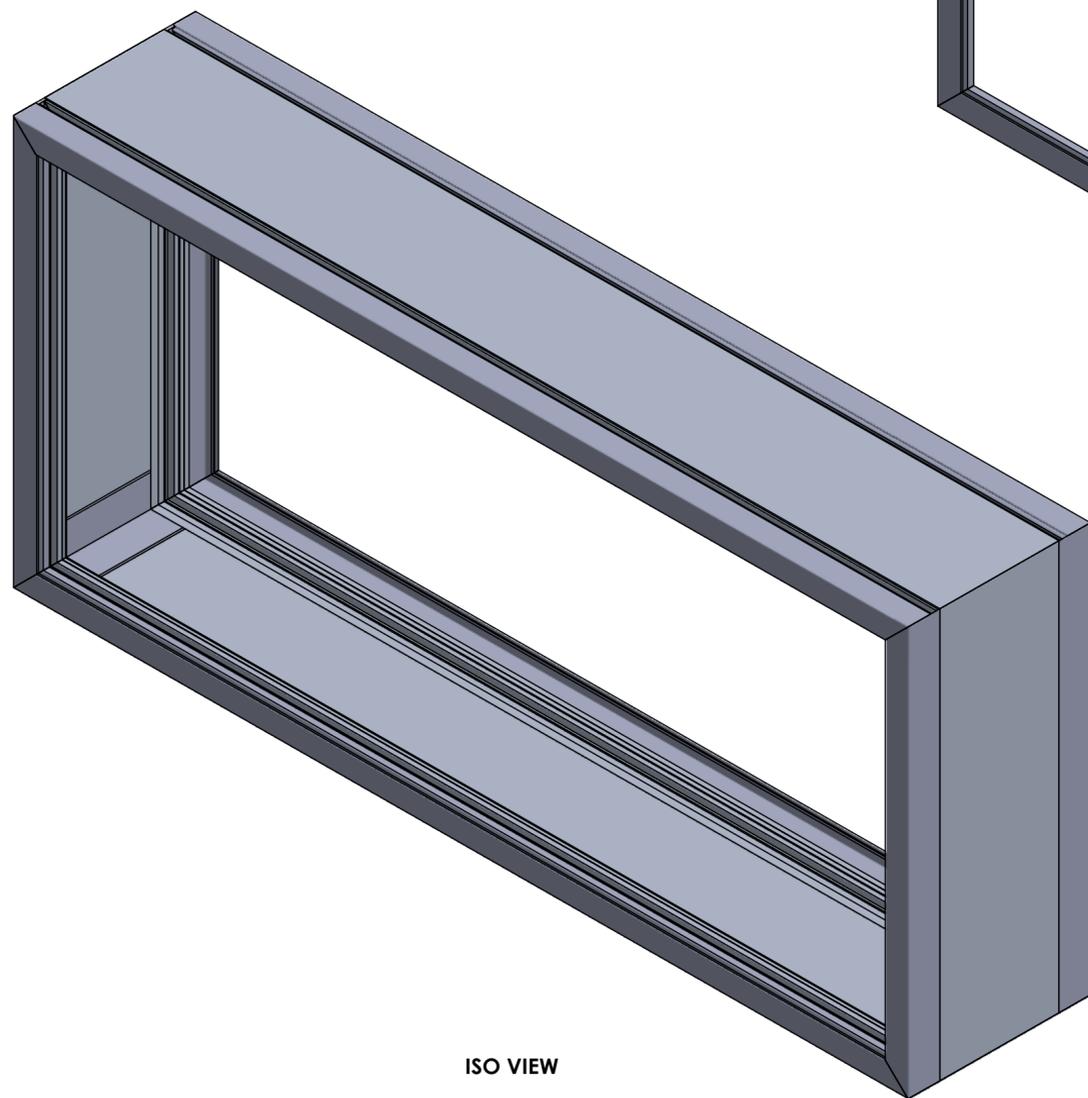
4

3

2

1

COVER



ISO VIEW (EXPLODED)

ISO VIEW

EXCELLART SIGN PRODUCTS, LLC.
 1654 S. LONE ELM RD.
 OLATHE, KS 66061
 (800) 627-9044
 SALES@EXCELLART.COM
 WWW.EXCELLART.COM



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES
 FRAC = ± 1/32"
 X.XX = ± 0.03
 X.XXX = ± 0.010
 ANGULAR: MACH ± 1° BEND ± 2°

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EXCELLART SIGN PRODUCTS, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF EXCELLART SIGN PRODUCTS, LLC IS PROHIBITED.

ASSEMBLY ID: ESPH-12-FF2DF		APPROVED BY:	
DESCRIPTION: ESP-12 HINGED W. FF2 RETAINER		DRAWN BY: EXCELLART	
SIZE	Weight: 80.83 (lbs)	REV	
C	Perimeter Length: 19 (ft)	-	
SCALE: 1:8	1/8/2024	SHEET 1 OF 3	

4

3

2

1

D

D

C

C

B

B

A

A

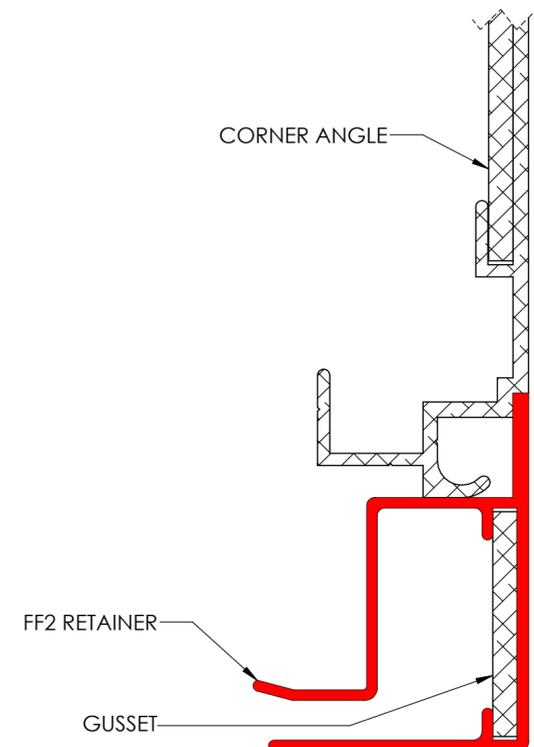
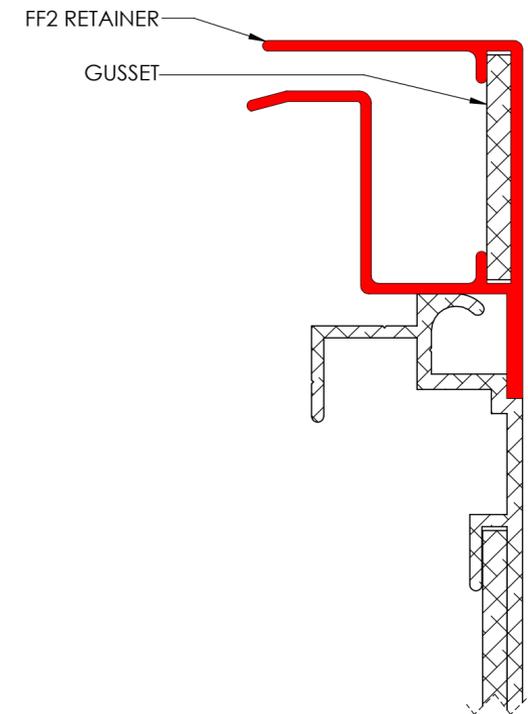
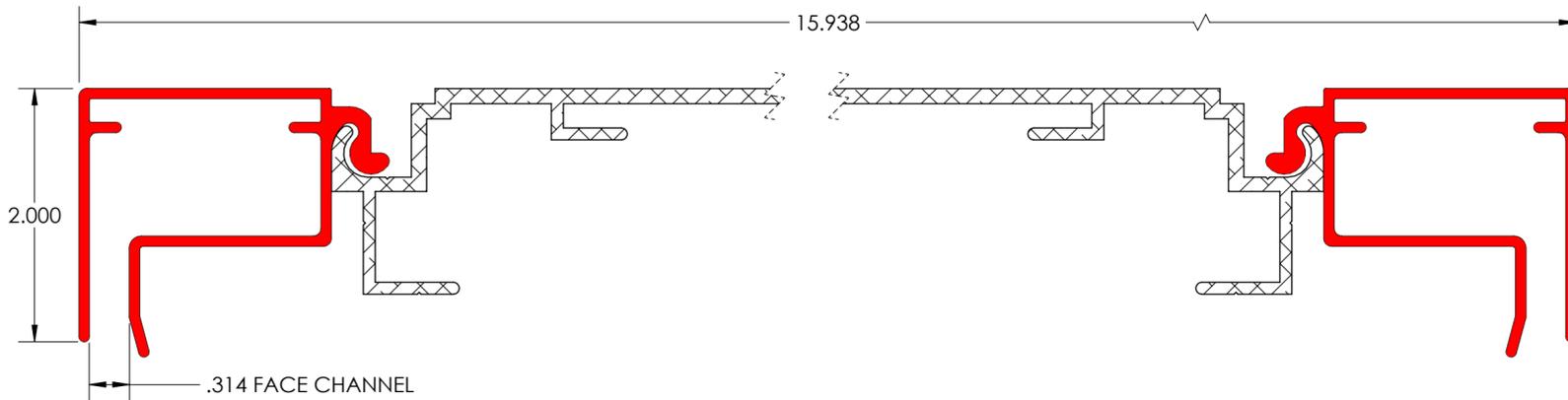
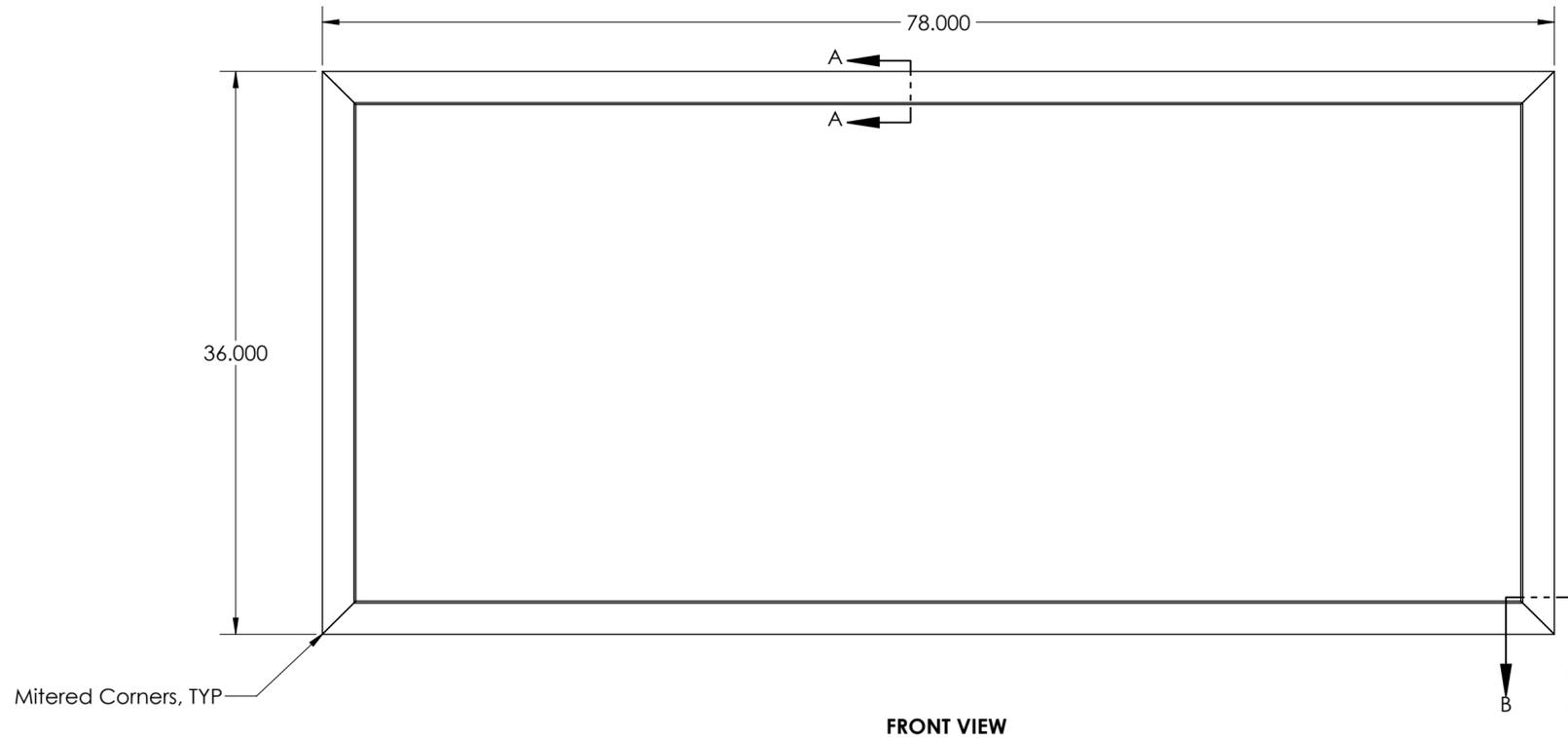
4

3

2

1

DIMS



EXCELLART SIGN PRODUCTS, LLC. 1654 S. LONE ELM RD. OLATHE, KS 66061 (800) 627-9044 SALES@EXCELLART.COM WWW.EXCELLART.COM		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRAC = ± 1/32" X.XX = ± 0.03 X.XXX = ± 0.010 ANGULAR: MACH ± 1 BEND ± 2		ASSEMBLY ID: ESPH-12-FF2DF	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EXCELLART SIGN PRODUCTS, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF EXCELLART SIGN PRODUCTS, LLC IS PROHIBITED.		DESCRIPTION: ESP-12 HINGED W. FF2 RETAINER	
		DRAWN BY: EXCELLART		APPROVED BY:	
SIZE C		Weight: 80.83 (lbs)		REV	
SCALE: 1:8		1/8/2024		SHEET 2 OF 3	

4

3

2

1

D

D

C

C

B

B

A

A

4

3

2

1

BOM

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	ESP1280202	ESP-12 HINGED FRAME	6063-T6	1
2	ESP1280295	ESP-FF2 RETAINER	6063-T6	2
3	ESP1280294	ESP-FF2 HINGED RETAINER	6063-T6	2
4	ESP1280206	8 5/16" X 3" X 3" X 3/16" ANGLE	6063-T6	4
5	ESP1280307	1 3/4" X 3" X 3" X 3/16" GUSSET	6063-T6	8

NOTES:

- 1) ESP-12 HINGED KIT CONSISTS OF QTY (4) ESP-12 FRAME PIECES, QTY (4) CORNER ANGLES, QTY (2) ESP-FF2 HINGED RETAINERS, QTY (6) ESP-FF2 RETAINERS, AND QTY (8) RETAINER GUSSETS
- 2) ANGLES ARE USED TO GUIDE FRAME PIECES INTO POSITION
- 3) GUSSETS ARE USED TO GUIDE RETAINER PIECES INTO POSITION (IF APPLICABLE)
- 4) HINGED FRAME SECTION AND HINGED RETAINERS SHOWN TO BE ON TOP OF SIGN CABINET (IF APPLICABLE)
- 5) SELF DRILLING SCREWS / RIVETS / LOCK CYLINDERS ETC (BY OTHERS) TO SECURE RETAINERS AS NEEDED
- 6) ANGLES AND GUSSETS TYPICALLY WELDED TO FRAMING (BY OTHERS)
- 7) 6" - 8" CENTER TO CENTER SPACING RECOMMENDED FOR FLEX CLIPS
- 8) PIANO HINGES USED TO ALLOW IDS RETAINERS TO HINGE OPEN (IF APPLICABLE)
- 9) H1 / H1.5 RETAINERS ALLOW SECONDARY FACE TO BE MOUNTED BEHIND PRIMARY FACE
- 10) EXCELLART UL FILE NUMBER: E152309

ISO VIEW
(EXPLODED)

EXCELLART SIGN PRODUCTS, LLC. 1654 S. LONE ELM RD. OLATHE, KS 66061 (800) 627-9044 SALES@EXCELLART.COM WWW.EXCELLART.COM		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRAC = ± 1/32" X.XX = ± 0.03 X.XXX = ± 0.010 ANGULAR: MACH ± 1° BEND ± 2°		ASSEMBLY ID: ESPH-12-FF2DF	
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EXCELLART SIGN PRODUCTS, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF EXCELLART SIGN PRODUCTS, LLC IS PROHIBITED.		DESCRIPTION: ESP-12 HINGED W. FF2 RETAINER	
		DRAWN BY: EXCELLART		APPROVED BY:	
		SIZE C	Weight: 80.83 (lbs) Perimeter Length: 19 (ft)	REV -	SCALE: 1:8 1/8/2024 SHEET 3 OF 3

4

3

2

1