


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	DRAWING CREATED	1/31/2023	B.B.B

<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF &lt;INSERT COMPANY NAME HERE&gt;. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF &lt;INSERT COMPANY NAME HERE&gt; IS PROHIBITED.</div>			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>BRACKET</div>		
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/64 ANGULAR ±1° TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005	DRAWN					
				CHECKED					
				ENG APPR.					
				MFG APPR.					
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV <div>B SM001 A</div>		
		MATERIAL	STEEL						
		FINISH							
NEXT ASSY		USED ON					SCALE: 1:1 WEIGHT: SHEET 1 OF 2		
APPLICATION			DO NOT SCALE DRAWING						

4

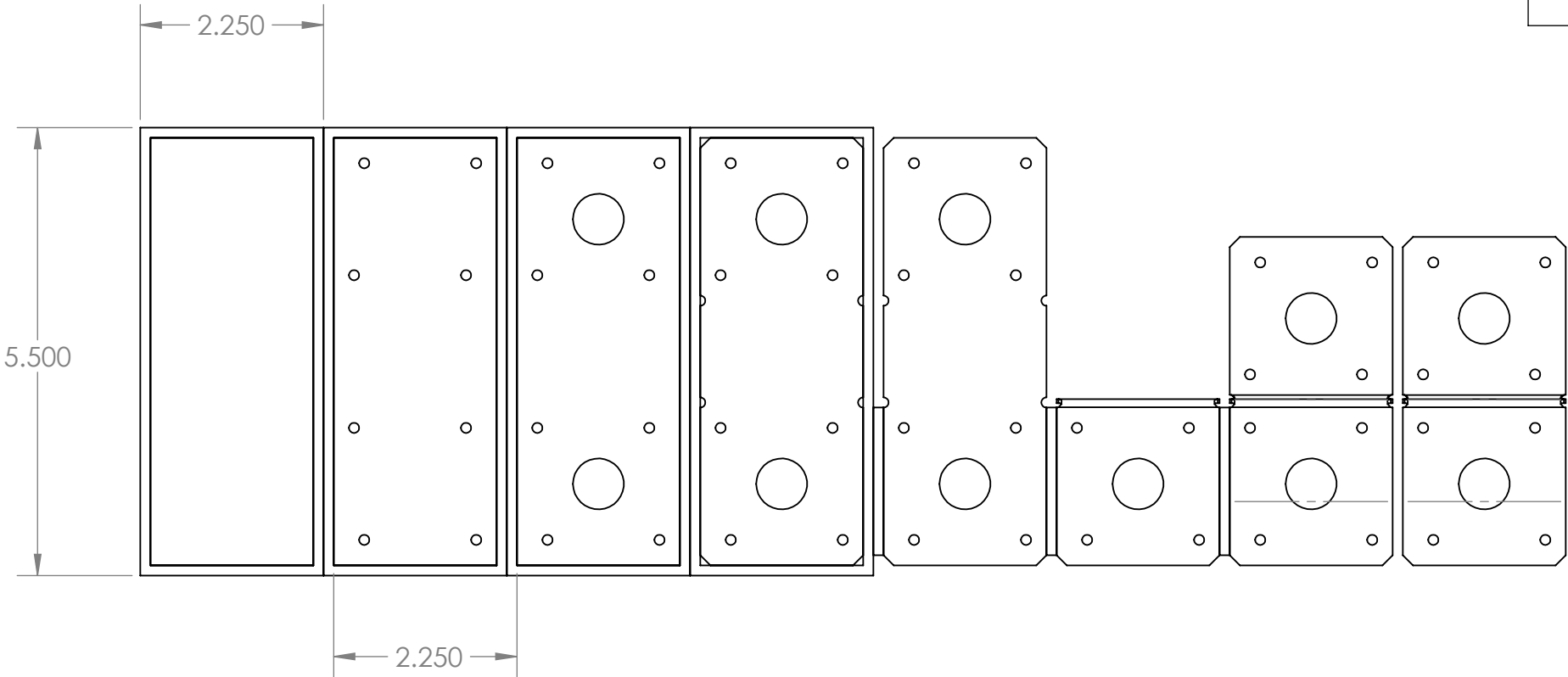
3

2

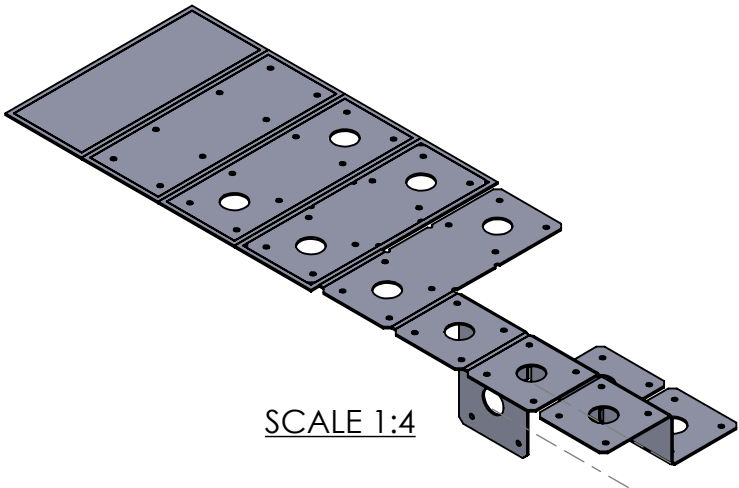
1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet1	-	-

B

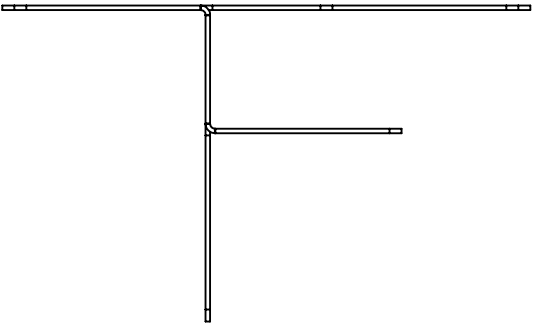


SCALE 1:4



B

A



A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>STRIP LAYOUT</div>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/64 ANGULAR ± 1° TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.005	DRAWN					
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV <div>B SM001 A</div>		
		MATERIAL STEEL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON					SCALE: 1:2	WEIGHT:	SHEET 2 OF 2
APPLICATION		DO NOT SCALE DRAWING						

4

3

2

1

Area of small holes.

$$A_1 = \pi 0.0625^2 \times 8 = 0.0981748$$

Area of cut corners.

$$A_2 = \frac{0.125 \times 0.125}{2} \times 4 = 0.03125$$

Area of bend cuts.

$$A_3 = \frac{\pi 0.0625^2}{2} \times 4 = 0.0245437$$

Area of large holes.

$$A_4 = \pi 0.3125^2 \times 2 = 0.613592$$

Area of stripper support.

$$A_5 = (5.5 \times 2.25) - (5.25 \times 2) = 1.875$$

Blank area

$$(5.25 \times 2) - (A_1 + A_2 + A_3 + A_4 + A_5)$$

$$(5.25 \times 2) - (0.0981748 + 0.03125 + 0.0245437 + 0.613592) = 9.7324395$$

Finding Economy factor (EF).

$$EF = \frac{9.7324395 \times 1 \times 100}{5.5 \times 2.25} = 78.64598$$

EF is 79%