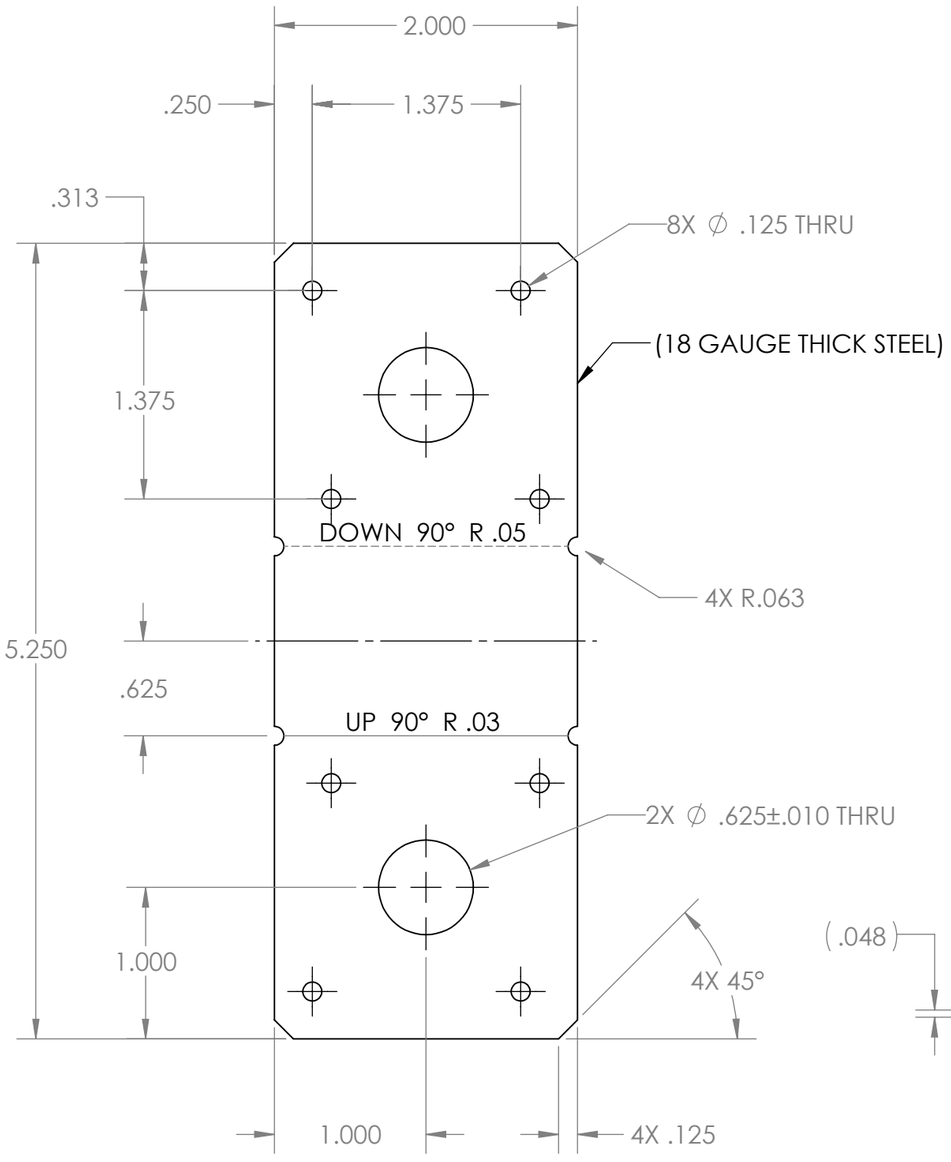
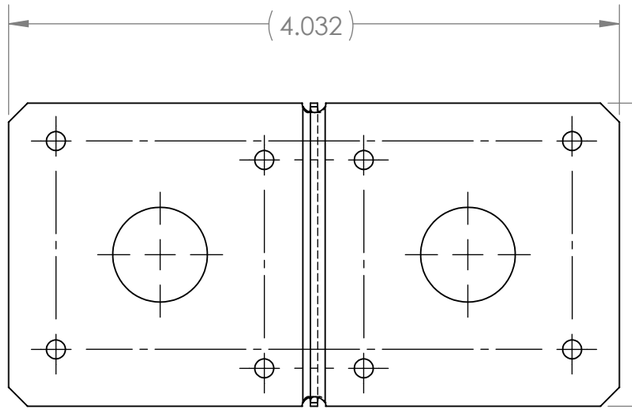
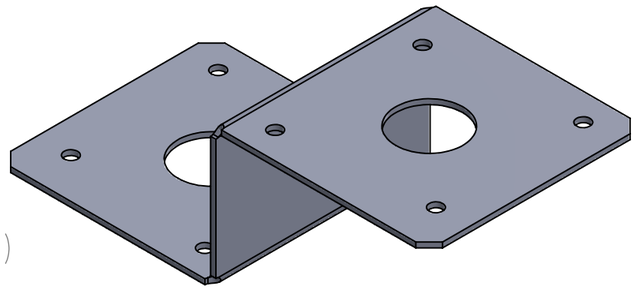
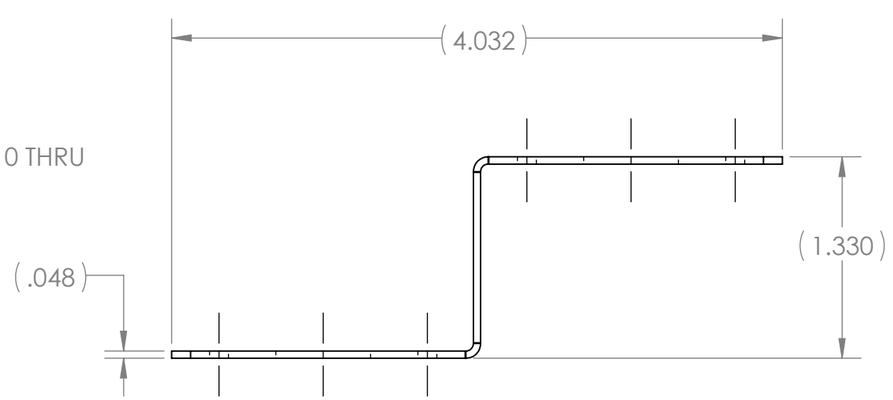
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	DRAWING CREATED	1/31/2023	B.B.B

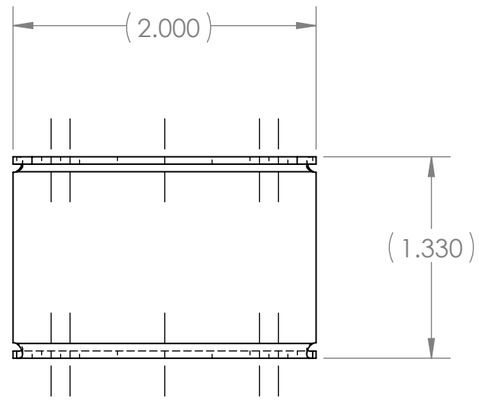


FLAT PATTERN









		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		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.		
		MATERIAL STEEL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

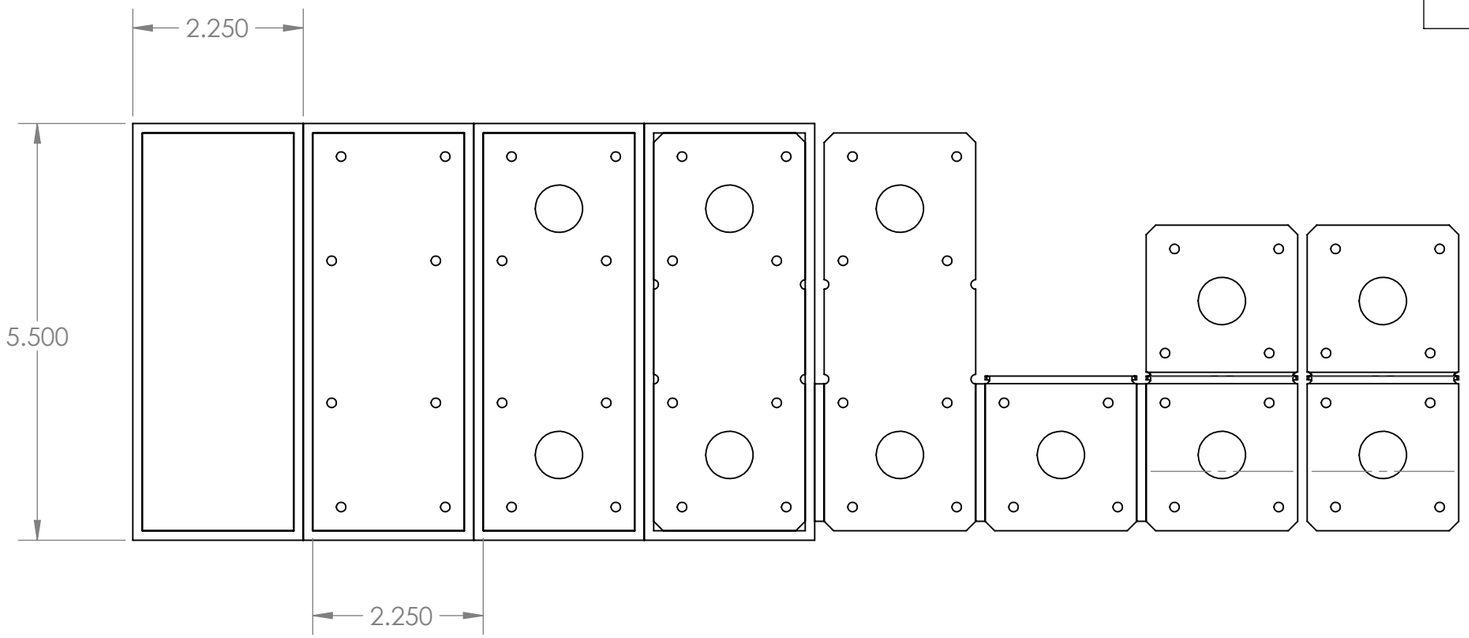
TITLE:

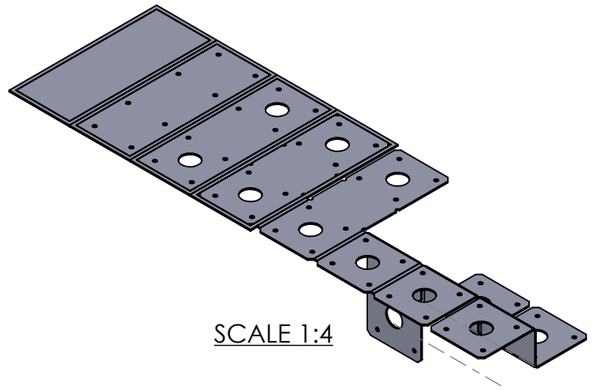
BRACKET

SIZE	DWG. NO.	REV
B	SM001	A

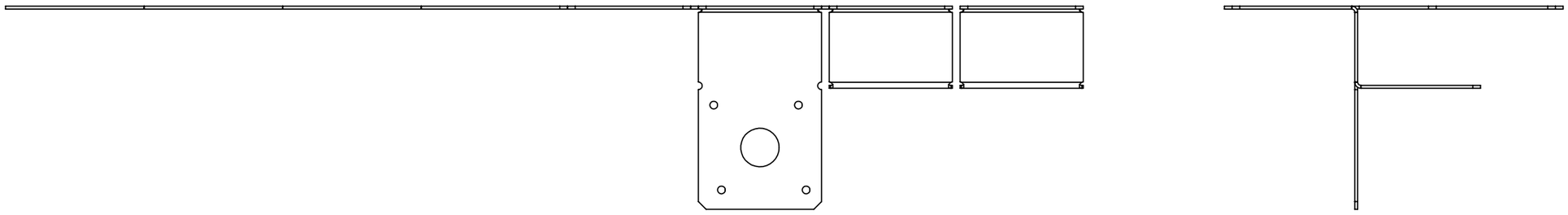
SCALE: 1:1 | WEIGHT: | SHEET 1 OF 2

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





SCALE 1:4



		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		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.		
		MATERIAL STEEL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:

STRIP LAYOUT

SIZE	DWG. NO.	REV
B	SM001	A
SCALE: 1:2	WEIGHT:	SHEET 2 OF 2

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%