

1 2 3 4 5 6 7 8 9 10 11 12

A

B

C

D

E

F

G

H

A

B

C

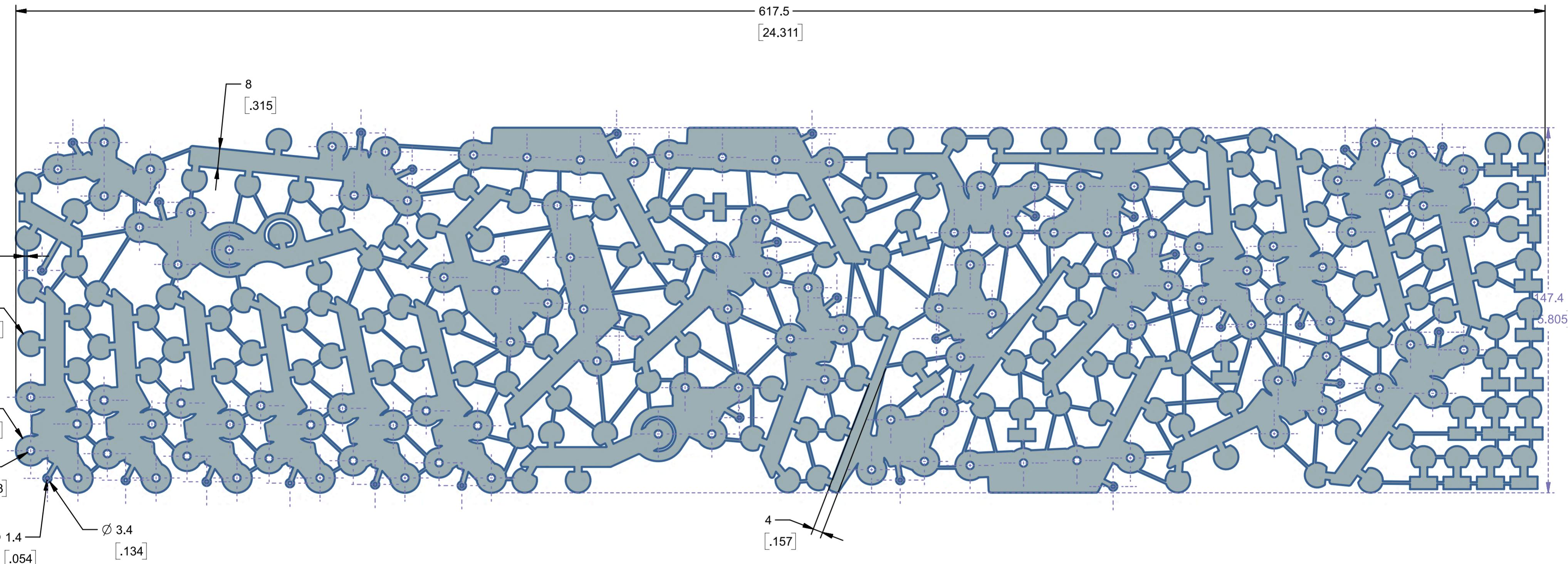
D

E

F

G

H



Nickel Sheet: 0.254mm (0.01inch)
6inch x 50inch

UNLESS OTHERWISE SPECIFIED, ALL UNITS ARE MILLIMETERS		INTERPRET DRAWING PER ASME Y14.100-2017	
TOLERANCES:			
REMOVE BURRS AND BREAK SHARP EDGES 0.5 MAX.		LINEAR: $X \pm 1$ $XX \pm 0.25$ $X_{XX} \pm 0.1$	ANGULAR: $X \pm 1^\circ$ $X \pm 0.1^\circ$
DRAWING INTERPRETED PER ASME Y14.5-2018 THIRD ANGLE PROJECTION		SIGN-OFF TABLE:	
REMOVED BY	Patrick Mumford	CHECKER	
SUB-TEAM LEAD	Patrick Mumford	TEAM PRINCIPAL	Joshua Stallman

BEARCATS
ELECTRIC RACING
AT THE UNIVERSITY OF CINCINNATI

BusBars - Nickel

SIZE	DWG NO	REV
A2	BER_A1_BusBars_Nickel_Copper	A
SCALE 1:1	MASS (KG)	SHEET 1 OF 2

1 2 3 4 5 6 7 8 9 10 11 A2

1 2 3 4 5 6 7 8 9 10 11 12

A

B

C

D

E

F

G

Copper Sheet: ~1.09mm
12inch x 48inch

ϕ 8.6

[.339]

ϕ 14

[.551]

183.5

[7.225]

1

[.04]

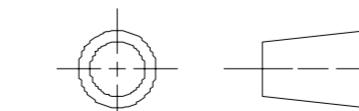
ϕ 8.6

[.339]

299.3

[11.782]

ALL DIMENSIONS IN MM



SIEMENS

THIS DRAWING HAS BEEN PRODUCED USING AN EXAMPLE
TEMPLATE PROVIDED BY SIEMENS PLM SOFTWARE

FIRST ISSUED 02/05/2026

DRAWN BY Patrick Mumford

CHECKED BY

APPROVED BY

TITLE

BusBars - Copper

SIZE DRG NO.

A2 BER_A1_BusBars_Nickel_Copper

A

SCALE 1:1

SHEET 2 OF 2

1 2 3 4 5 6 7 8 9 10 11 12

A2