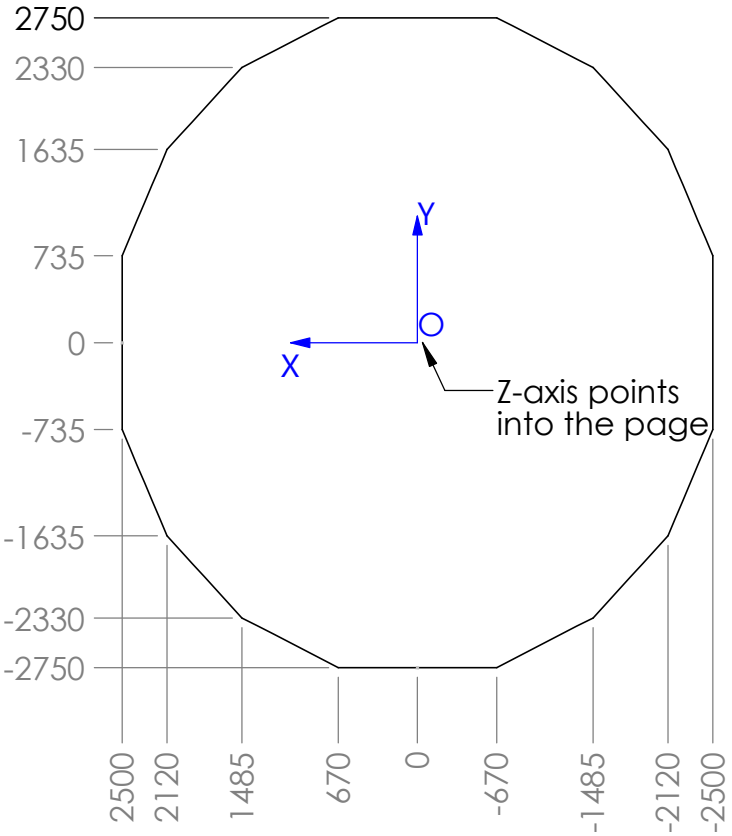

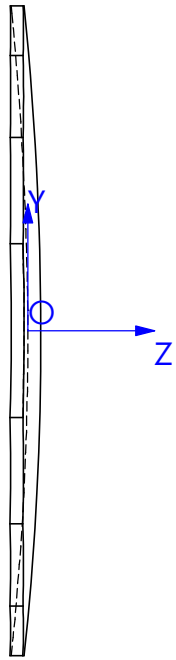

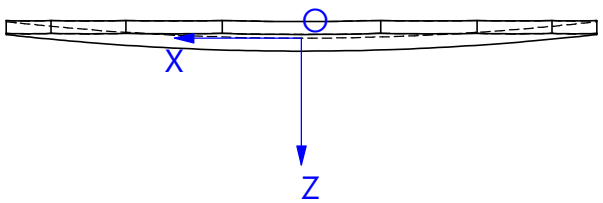

$$z(x,y) = C_{X0Y1}\,\frac{y}{R} + C_{X2Y0}\left(\frac{x}{R}\right)^2 + C_{X0Y2}\left(\frac{y}{R}\right)^2 + C_{X2Y1}\left(\frac{x}{R}\right)^2\frac{y}{R} + C_{X0Y3}\left(\frac{y}{R}\right)^3 + C_{X4Y0}\left(\frac{x}{R}\right)^4 + C_{X2Y2}\left(\frac{x}{R}\right)^2\left(\frac{y}{R}\right)^2 + C_{X0Y4}\left(\frac{y}{R}\right)^4$$

M1	Norm Radius	X0Y1	X2Y0	X0Y2	X2Y1	X0Y3	X4Y0	X2Y2	X0Y4
Value	2500.0	-4.965625	-140.817072	-116.10188	5.631232	4.105706	0.235829	0.09349	-0.106915

M1	r=-2500 mm	r=-2000 mm	r=-1500 mm	r=-1000 mm	r=-500 mm	r=0 mm	r=500 mm	r=1000 mm	r=1500 mm	r=2000 mm	r=2500 mm
(r, 0)	-140.581	-90.026	-50.664	-22.525	-5.632	0.000	-5.632	-22.525	-50.664	-90.026	-140.581
(0, r)	-115.349	-72.479	-39.718	-16.856	-3.684	0.000	-5.605	-20.303	-43.903	-76.219	-117.069

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION V1.1

	NAME	SIGNATURE	DATE
DRAWN	P. GALLARDO		06-21-2021
CHK'D			
APPV'D			
MFG			
Q.A			

MATERIAL:

WEIGHT:

TITLE:

M1

DWG NO. TMP_Mech_Var10C_M1

A4

SCALE:1:64

SHEET 1 OF 1