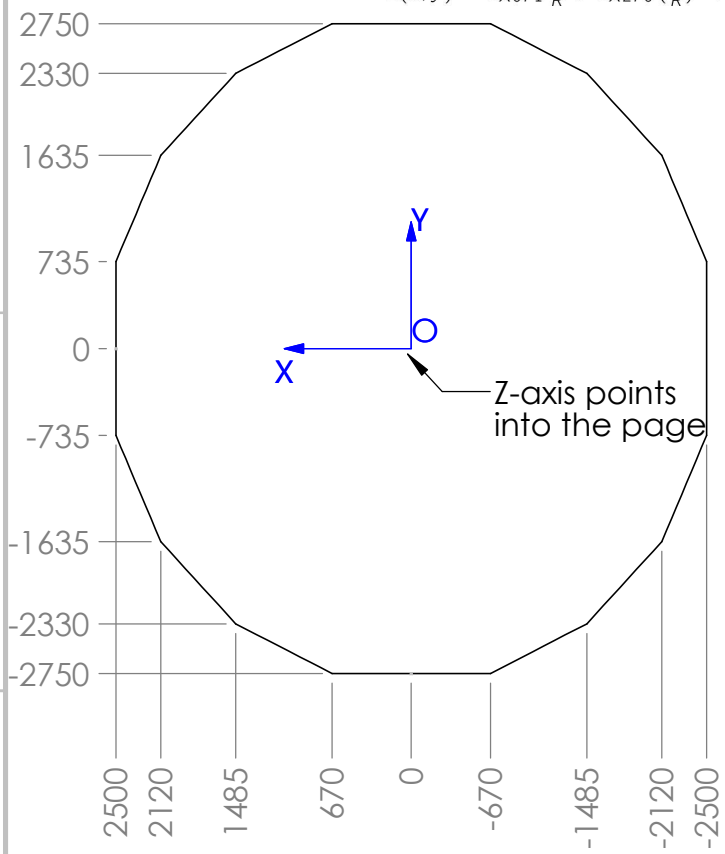
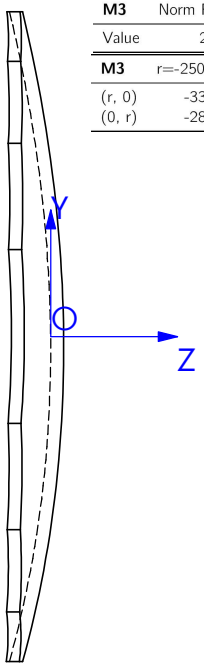
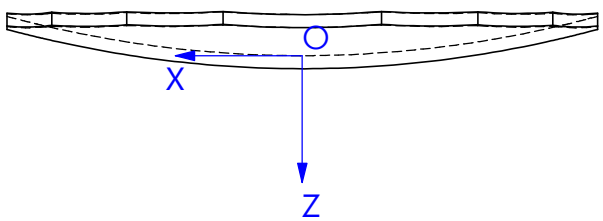
$$z(x,y) = C_{X0Y1}\frac{y}{R} + C_{X2Y0}\left(\frac{x}{R}\right)^2 + C_{X0Y2}\left(\frac{y}{R}\right)^2 + C_{X2Y1}\left(\frac{x}{R}\right)^2\frac{y}{R} + C_{X0Y3}\left(\frac{y}{R}\right)^3 + C_{X4Y0}\left(\frac{x}{R}\right)^4 + C_{X2Y2}\left(\frac{x}{R}\right)^2\left(\frac{y}{R}\right)^2 + C_{X0Y4}\left(\frac{y}{R}\right)^4 + C_{X4Y1}\left(\frac{x}{R}\right)^4\left(\frac{y}{R}\right) + C_{X2Y3}\left(\frac{x}{R}\right)^2\left(\frac{y}{R}\right)^3 + C_{X0Y5}\left(\frac{y}{R}\right)^5$$

M3	Norm Radius	X0Y1	X2Y0	X0Y2	X2Y1	X0Y3	X4Y0	X2Y2	X0Y4	X4Y1	X2Y3	X0Y5
Value	2500.0	-22.190543	-330.659936	-280.402598	28.168505	17.485987	-2.120847	-10.835562	-5.777893	0.843611	1.913924	0.682985

M3	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)	-332.781	-212.491	-119.312	-52.960	-13.230	0.000	-13.230	-52.960	-119.312	-212.491	-332.781
(0, r)	-282.159	-173.248	-92.210	-37.262	-6.927	0.000	-15.523	-52.762	-111.178	-190.400	-290.202







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:				DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION v1.0
	NAME	SIGNATURE	DATE			TITLE: M3
DRAWN	P. GALLARDO		5-19-2021			
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL:		DWG NO. TMP_Mech_Var10C_M3 / A4
				WEIGHT:		SCALE:1:64 / SHEET 1 OF 1