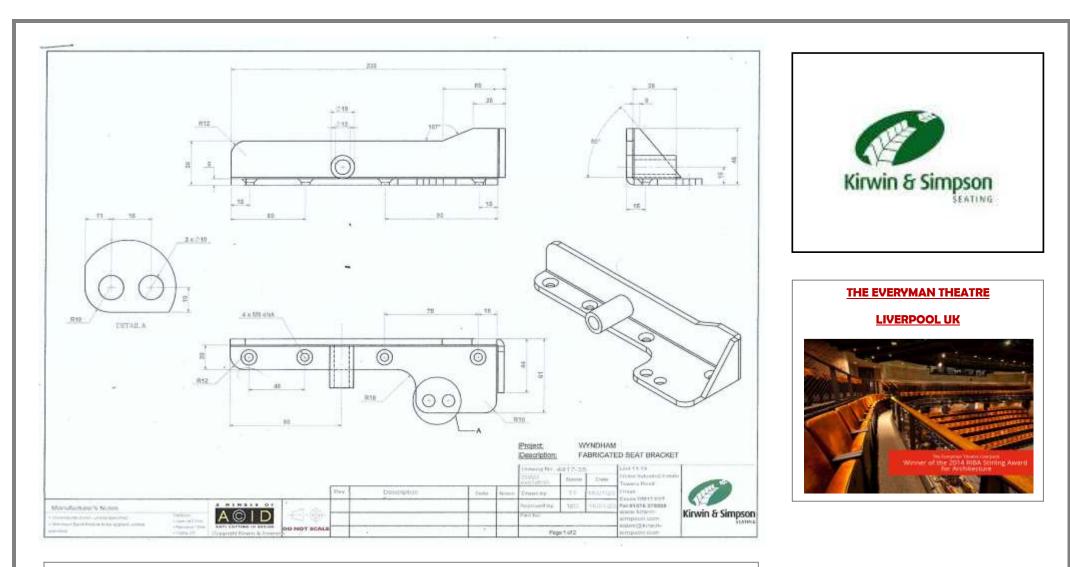
CAD WORKS

2D/3D SOUDWORKS DESIGNS

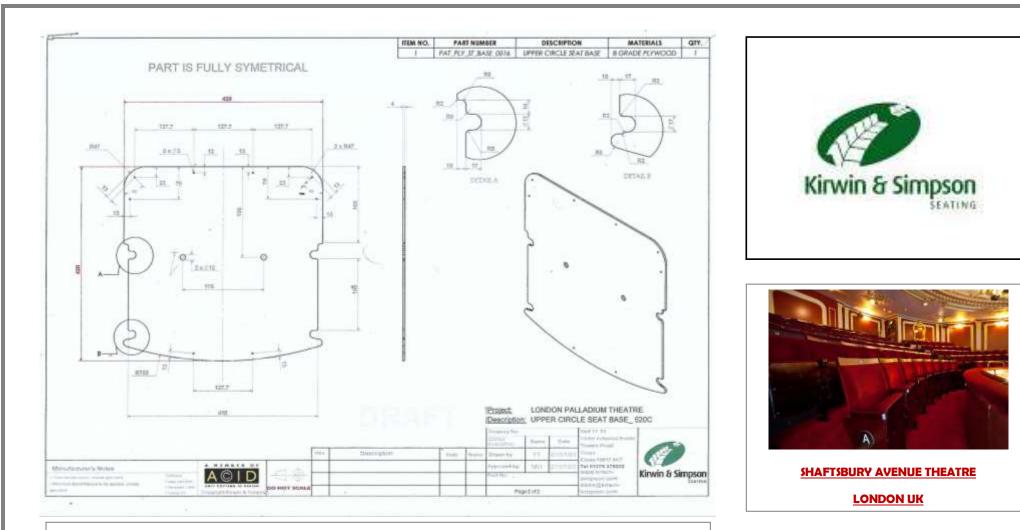
BY

TMT DESIGNS



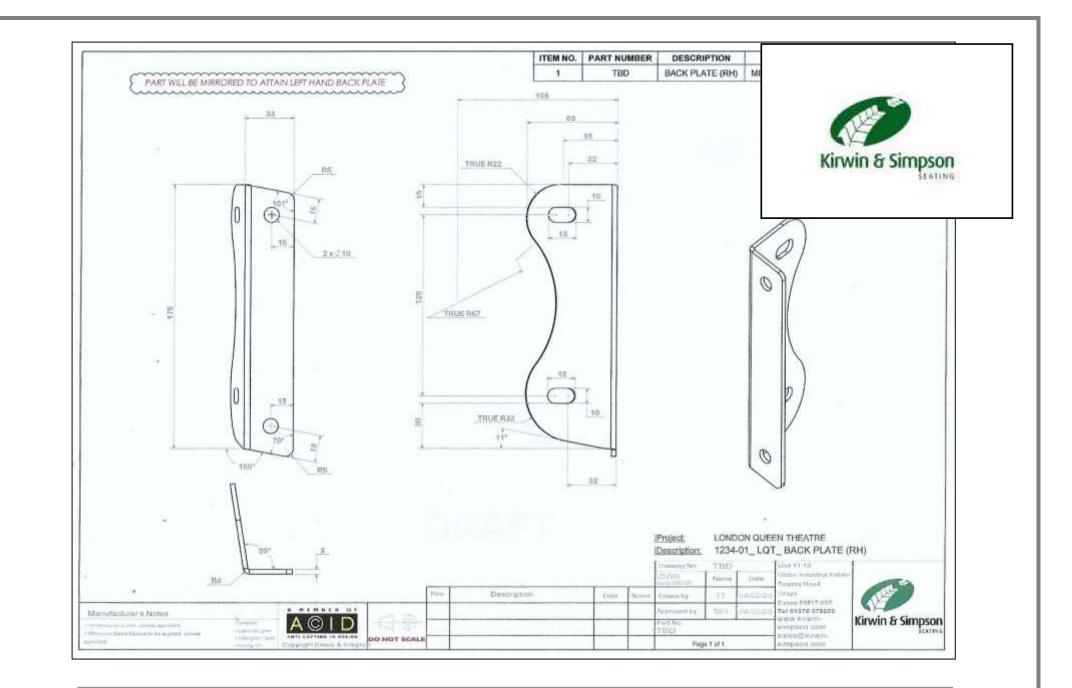
The Back Seat Bracket above is a part that I have created using Solidworks CAD systems utilizing the Sheet Metal Tool. It was first modelled in 3D as a left and right handed part with multiple configurations destined to be fabricated by a subcontracted Laser Cutting company with a specialisation in sheet bending.

The orthographic drawing generated in First Angle projection was manufactured in quantities in excess of 1000 units for the Wyndham Theatre in London's West End.

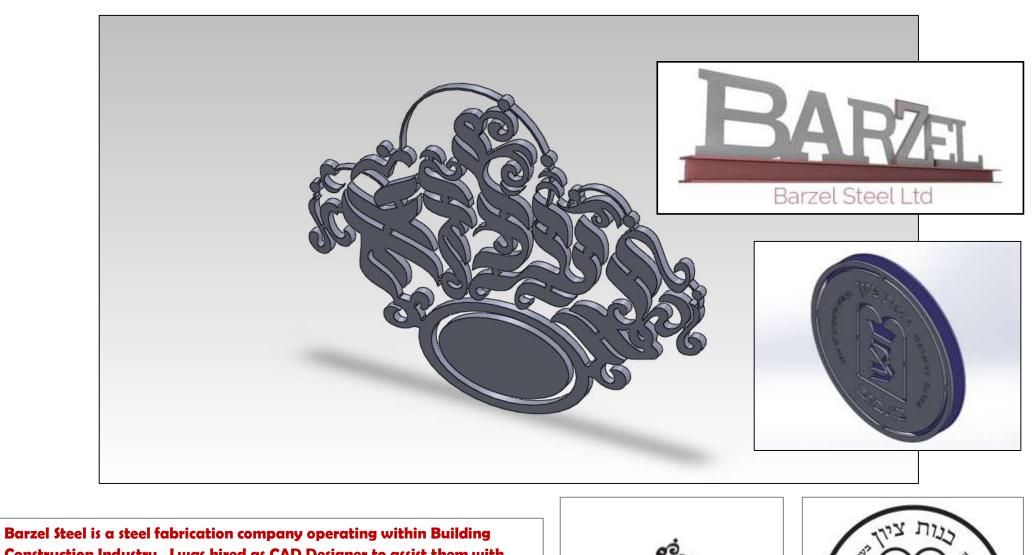


Although a relatively simple Seat Base part there were many intricate details that made this part a little more challenging than usual. The hole placements and notches had to be precise (no than 0.2mm off) so it could be fixed to the larger assembly and secondly the part was manufactured by the in-house Wood Workshop on a Three Axis CNC Cutting Machine for the London Palladium Theatre.

Ventric VCarve version 9 was heavily used during my time working for Kirwin & Simpson Design Department. I was creating CNC Programs daily and mastered the 2D aspect in a short amount of time. Daily work environment was fast pace and varied.



Above is a (SW Sheet Metal) Back Plate part Designed and Manufactured for the London Queen Theatre.



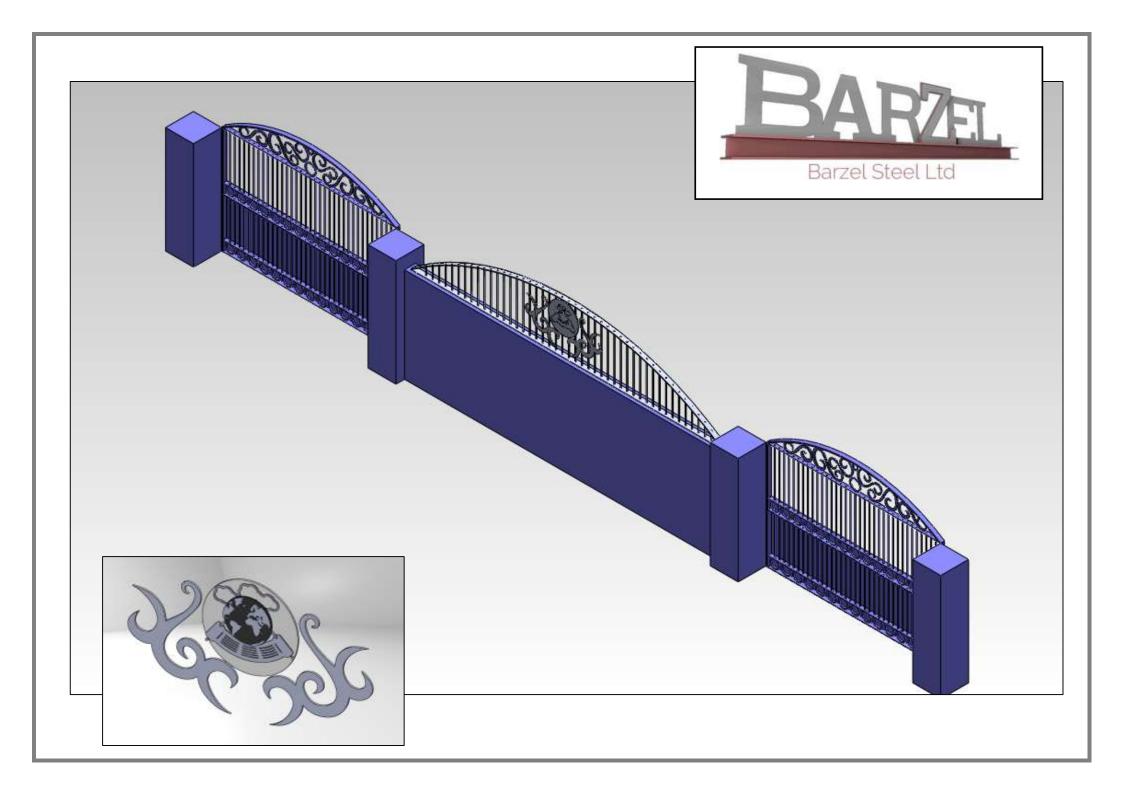
Barzel Steel is a steel fabrication company operating within Building Construction Industry. I was hired as CAD Designer to assist them with both 2D & 3D Modelling working with Laser Cutting subcontractors.

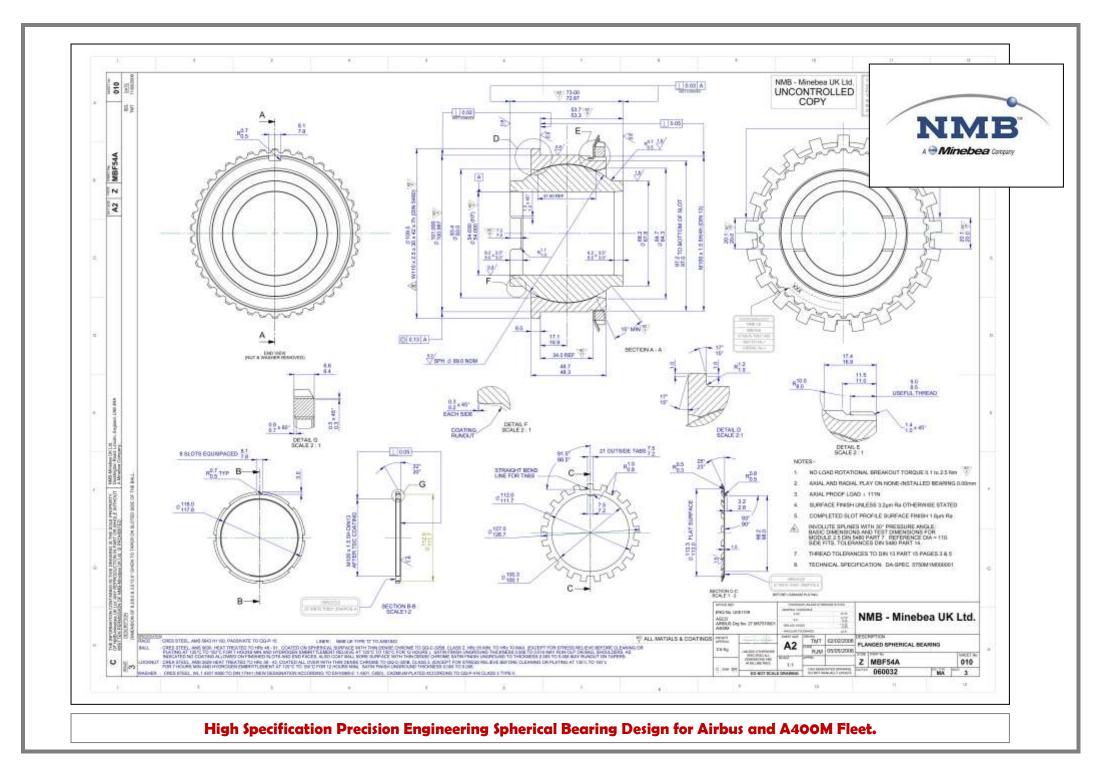
Above is an emblem design produced for a Jewish school in Clapton North London.

Below a 3D model of an Artistic & Stylish gate design for a Synagogue in Tottenham North London.

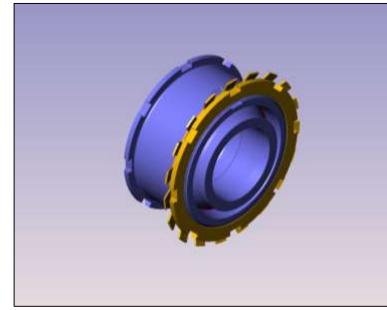




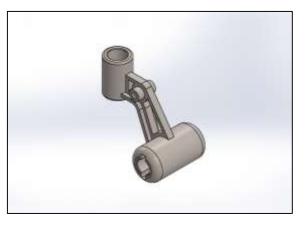


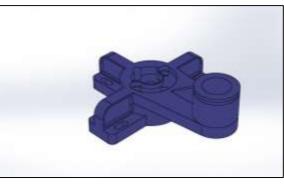












- Left Top is a Rod End Bearing Model.
- Left Bottom is a Aerospace Wing Bearing.
- Above & Right other 3D Models & Renders created as a freelance Designer.

