

Overview

This project was part of overall improvement works for Gillingham Water Recycling Centre (WRC) and the works included the design, fabrication and installation of a new balance tank with all associated pipework, supports and access steelwork.

Challenge

- Minimal site space for all the equipment required.
- One piece tank 9m long x 3.5m.
- Restricted site access for large vehicles.
- Avoiding clashes with client pipe work.
- Delivering to a fluid programme.

Solution

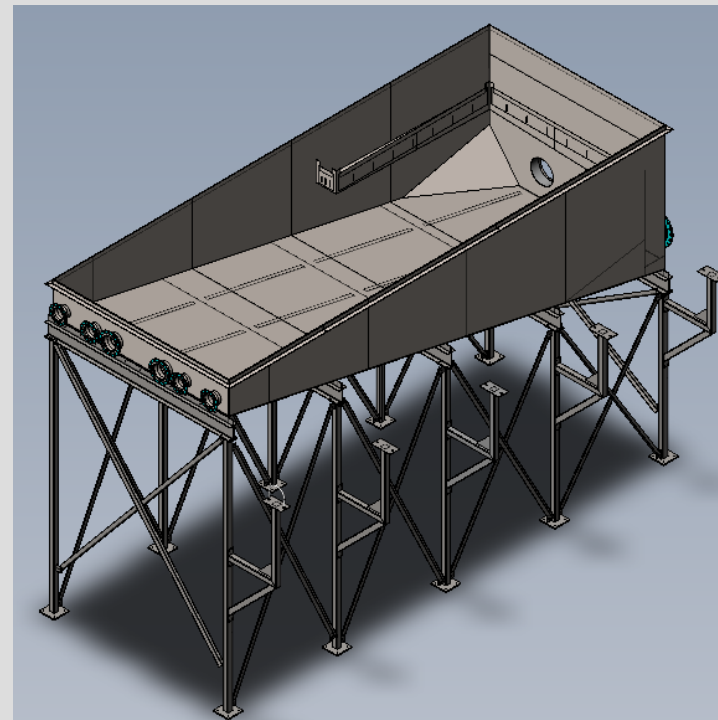
- Early submission of design to give our client more time for reviews and finalising the design requirements.
- Modelling in client M&E equipment to avoid potential clashes.
- Site visits with transport and lifting suppliers to agree logistics.

Results

- Incorporated additional bracketry for client pipework.
- Smooth delivery and offloading to required position on site.
- No clashes with M&E equipment. A happy client!



Above – Finished installation of 9m long x 3.5m wide x 5.5m high tank, pipe work with supports and access platform.



Left – CAD design of stainless steel tank with internal weir channels and benching for Hydrobrake. Support structure complete with supports for client pipe work.