

Overview

This project was part of overall improvement works for Dorchester Water Recycling Centre (WRC) and the works included the design, fabrication and installation of a new Access Platform that allows the site operative to gain access to the low-level Manway into the balance tank to allow for Inspections, Cleaning, Maintenance and repairs

Challenge

- The Manway Cover needed to swing out completely without obstruction.
- Adequate standing space was required to allow safe access and manoeuvrability.
- The Solution needed to interface precisely with the existing concrete plinth.

Solution

- Modelling in Existing concrete plinth and Balance tank to avoid potential clashes.
- Site visit to gauge working area space and access to location on site.

Results

- Smooth installation on site.
- No clashes on site and the Manway cover can swing freely open when access is required. A happy client!



Above – Finished installation of 1855x1670x53mm Access Platform. With Staircase and Handrailing.



Left – Rendered CAD design of GMS Access Platform with Balance Tank along with existing concrete plinths.