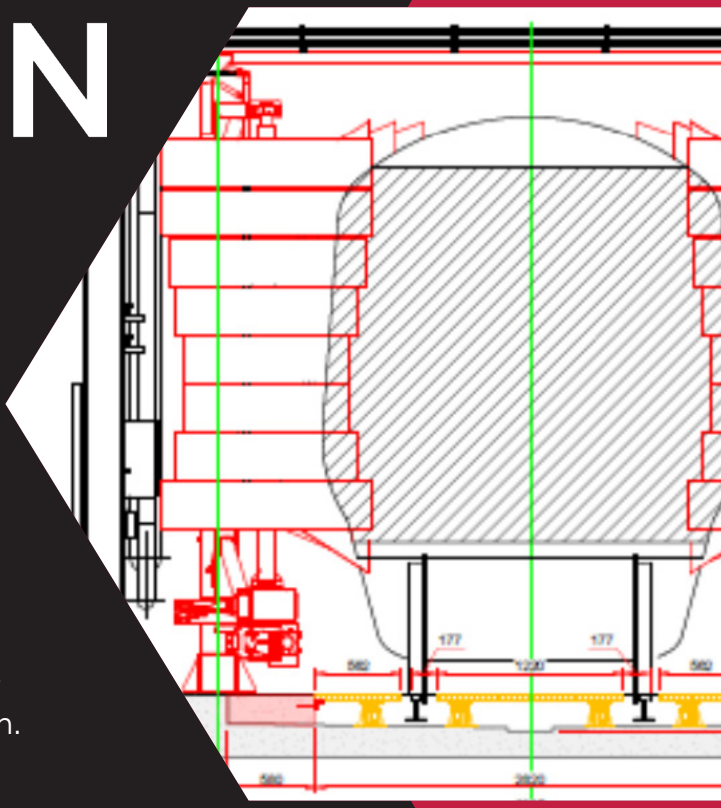
HEXAGON

Case Study

St Philips March Carriage Wash



Hexagon Design Consultancy delivered the design for a replacement carriage wash facility at St Philips Marsh. The project focused on upgrading life-expired equipment and improving the existing wash infrastructure.

Customer	Completion Date	Location
GWR/Network Rail	**2023**	**St Philips March**

ABOUT US

HEXAGON is a design consultancy providing engineering expertise and services, specialising in rail depots and designs relating to train facility infrastructure works.

Working closely with developers, contractors, and other stakeholders to ensure that your project's structures are safe, stable, and structurally sound.

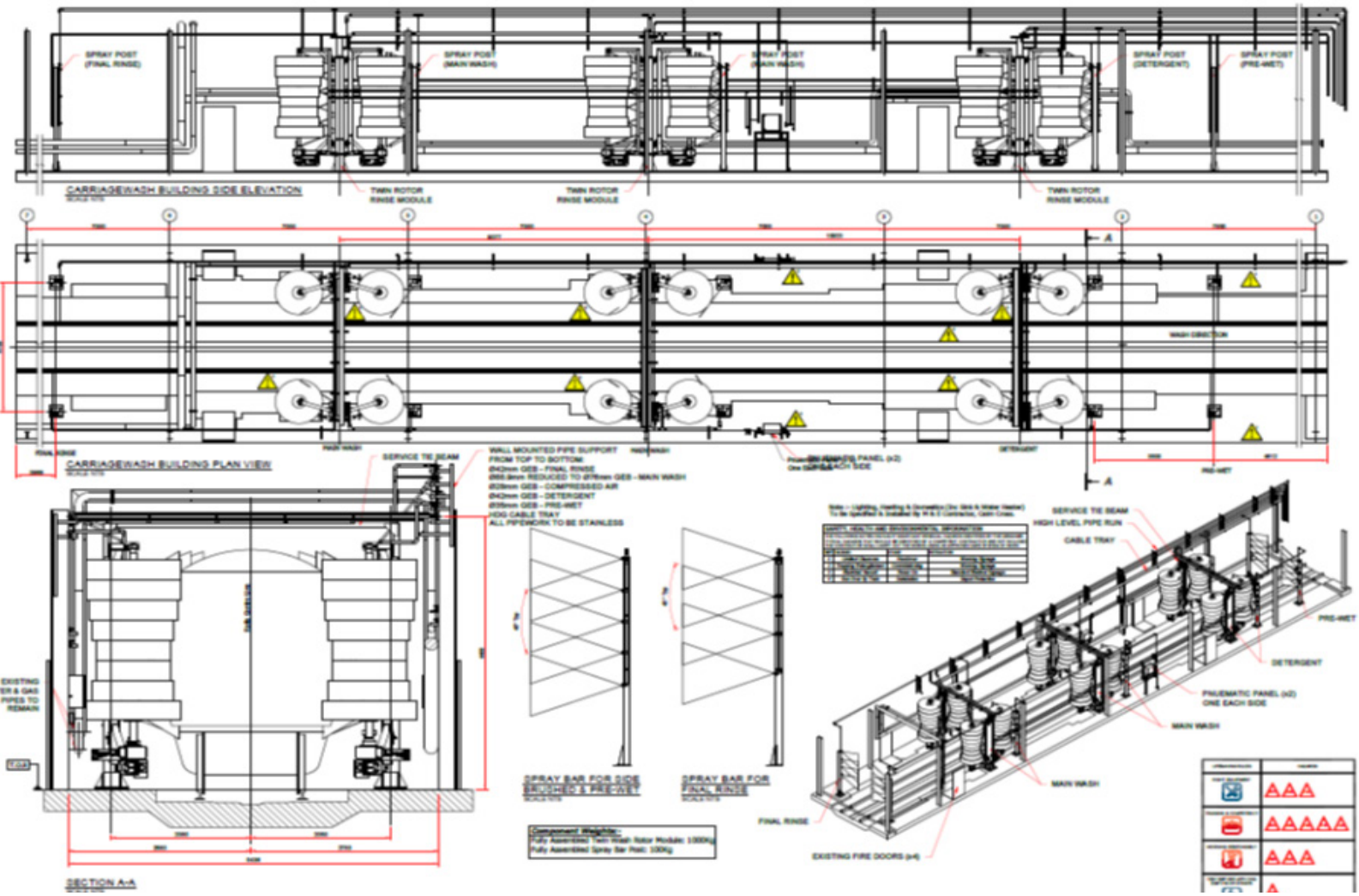
Hexagon's construction heritage ensures that they understand construction compliance and real-world situations to provide you with trusted, reliable and workable designs.

DESCRIPTION

Hexagon Design Consultancy was appointed to provide the design for a replacement carriage wash facility at St Philips Marsh, addressing the need to replace the existing life-expired wash system and associated plant room equipment.

The design incorporated a new carriage wash system, an above-ground separator and new GRP access through the wash building, providing an updated facility to support ongoing operational requirements

The design was approved, with the project successfully delivered on site to programme and within budget.



Outline & Detailed Design

Calculation & Temp Works Design Package

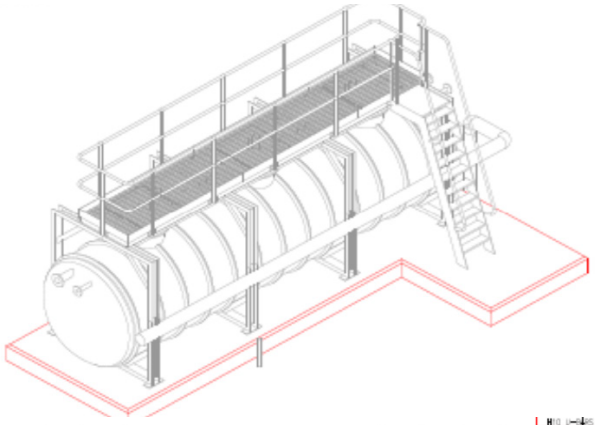
Pre-Construction Services

REQUIREMENTS

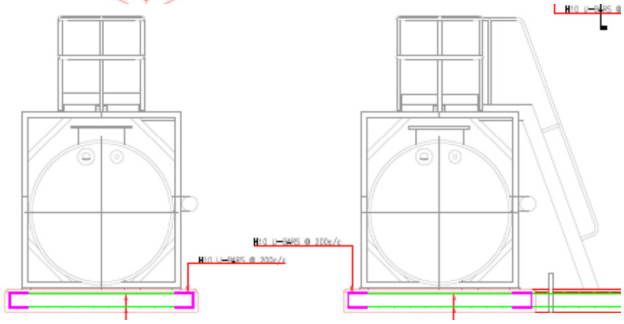
The replacement facility needed to match or exceed the performance of the existing system, with the design covering the following key elements:

- Carriage Wash Machine – Replacement of the existing carriage wash machine with a new system.
- Plant Room Equipment – Replacement of the existing equipment to support the new wash facility.
- Control System – Installation of a new control system to operate the replacement facility.
- Effluent Reclaim and Water Recycling – Replacement of the existing systems to support the wash process and water recycling requirements.

"Network Rail were delighted with the new Carriage Wash"







HEXAGON
1 Cadman Court, Morley, Leeds, LS27 0RX
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