



Shotton Station

Client(s):
Arriva Trains Wales

Product:
Modular Station Ticket Office

Project Scope:

Design, manufacture and installation of a fully enclosed modular station ticket office and waiting room with full length platform canopy. Macemain were appointed as main contractor for the project.

Project Programme:

April 2010 - 26 weeks for the design, manufacture and installation.

Outline Specification:

- Paragon Ticket Office and Waiting Enclosure (20000mm x 4000mm) with full length platform canopy. Galvanised steel in a polyester powder coated finish
- Low Barrel roof with internal insulated perforated ceiling.
- AV9 Stainless Steel Panel Glazing Panel System with 10mm toughened glass and 10mm Trespa Panels
- 2 nos. Automatic Sliding door and 1 no. Security Door
- Ticket Office incorporating comfort cooling, heating, spilt height ticket window with security sonic window; staff welfare facility including kitchenette; enclosed heated passenger waiting area with paragon seating; retail serving hatch and shutter; adjoining semi enclosed waiting area with perch seating, external and internal storage area.
- Heating (touch timer operated), ventilation and central fluorescent recessed light fittings within ceiling and PIR Control
- Integral drainage and electrical management, including CIS, PA, CCTV, alarm and telecoms
- Anti Slip Tile Flooring

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Project Description:

We were appointed by Arriva Trains Wales as Main Contractor and had responsibility for all delivery aspects of the contract.

Stage 1: of the project concerned the delivery of the Landlord's Consent approval and the generation of AutoCad details in 2D and 3D of the existing and proposed platform infrastructure. In parallel, responsibility was taken for the generation of utility services and communication of hardware schematics.

Stage 2: involved the bespoke detailed design of the integrated station ticket office.

Stage 3: involved the site set-up, which included the installation and commissioning of a temporary ticket office, welfare facility, site office and secure storage. This element was completed in 24 hours to ensure continuity of service for Arriva Trains Wales.

Stage 4: concerned the take down and safe disposal of the existing station building and infrastructure, making safe utilities and groundworks for the new unit.

Stage 5: involved the manufacture, installation and commissioning of the new ticket office facility.

Adrian Carrington, Retail Development Manager at Arriva Trains Wales commented, *"... the design for Shotton station building was similar to the building installed for us by Macemain + Amstad at Cwmbran so we were confident that we would be getting a high quality building and recommended this to the funders Flintshire CC. Throughout the whole design and construction phase of the project the team from Macemain have been helpful and always have answers to problems to ensure the programme was maintained. The final completed building is to a very high standard and is a great place for our staff and customers alike to work and visit. I wouldn't hesitate in using Macemain again on a similar project across the ATW Network"*

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