

New Commercial Vehicle Sales & Servicing Facility, The Railway Triangle, Metz Way, Gloucester, GL1 1AH

Client: Rygor Commercials Ltd, The Broadway, Westbury, Wiltshire, BA13 4JX

Scope of Works:

Construction of a new Mercedes-Benz commercial vehicle sales showroom and servicing workshops together with extensive external drainage and hard landscaping works.

The development was of an 11,000m² site which the previous use had been railway sidings. Made ground covered the site which necessitated ground improvement treatment works by way of “vibro-compaction” involving 2500no. stone column piles placed across the site to increase the ground bearing capacity for the building and external areas to be constructed.

The building consists of a 1950m² steel frame structure with insulated cladding and glazed curtain wall elevations which accommodates a 400m² vehicle showroom with mezzanine floor and associated office and ancillary rooms. The remainder of the building is divided into two workshop areas one (350m²) for lorries and trucks which has two 17m long floor recessed mechanics pits for servicing vehicles and VOSA approved testing facilities together with a separate workshop (800m²) dedicated to the service, repair and VOSA approved testing of vans and light commercial vehicles. The workshops required considerable mechanical and electrical installations in order to accommodate the client’s specialist equipment.



Externally, the site has over 5000m² of concrete yard designed and constructed for the movement of trucks and lorries together with a further 3000m² of tarmac surfacing for customer and staff parking. Due to the large areas of hard landscaping a comprehensive surface water drainage system was required including a 500cm capacity attenuation system, inclusion of fuel separating devices and a rainwater water harvesting system.

Both the building and external areas were finished to Mercedes-Benz exacting standards and specifications.

Due to the site's close proximity to a live railway line the project had to be meticulously planned and programmed in conjunction with Network Rail. Other factors such as an adjacent elevated public highway and neighboring commercial and residential areas required the works to be carefully managed and coordinated to minimize disruption.

Rigg Construction (Southern) Limited successfully completed and handed over the project to the client on time and within contract sum in August 2016.



Contract Value: £ 2.6m

Contract Programme: 40 weeks completed August 2016