

PROJECT: NEW BRISTOL WATER PIPE STORES DEPOT, BARROW GURNEY, BRISTOL.
SERVICE: COMMERCIAL AND INDUSTRIAL BUILDING



The completed stores building

Goods in area, counter and mezzanine

Project Summary

Client : Bristol Water PLC
Value : £1,127,000
Role: Design & Build Main Contractor

The project involved the complete re-development of an existing four acre site to become the water company's main pipe and equipment storage depot.

Tercon provided cost planning and value engineering services to Bristol Water to optimise the scheme prior to achieving a cost certain contract sum for the project.

From concept, the design and build project required special design and environmental considerations as it is constructed in a controlled flood area adjacent to a major raw water reservoir. Renewable energy and site drainage attenuation were designed into the scheme. Following pro-active user consultation effective design ensured efficient use and full alignment to the needs of the client and building users.

Key Elements of work

- Demolition of existing small buildings and extensive site clearance works including the felling and clearance of a small wooded area.
- Elevated substructure raised above a planned flood level, steel portal framed building with masonry elevations and profiled insulated steel cladding to roof and walls. Internal mezzanine storage floor and heated warehouse space.
- Internal reception, goods counter, office, canteen, welfare and plant room.
- Hard surfacing and fencing to the remaining 3,000m² of site area with lighting, vehicle control barrier, CCTV and intercom control.
- Construction of a LPG gas compound, again raised above the planned flood level.



The existing site before preparation

With the building erected works progress on the compound