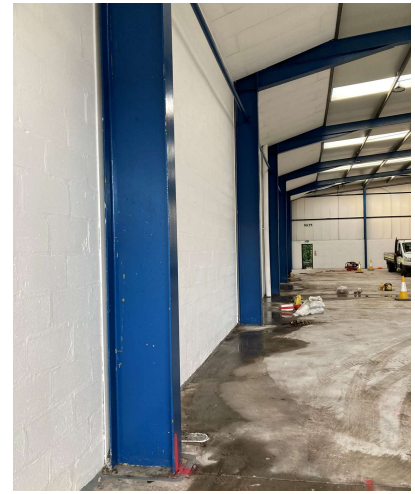


Project Overview

- Replacement of failed concrete slab to an Industrial Unit.
- Ground floor extension to the Industrial Unit.
- Estimate preparation for the works.
- Commercial management of the construction project.

Service Provided

Shape Consultants Limited were commissioned to prepare an estimate for the refurbishment of an existing industrial unit including a single storey extension on the front of the building. The contract works included the removal of the existing ground floor slab that had failed due to subsidence.



Project Highlights

Installation of CFA piles under the floor area to support a new insitu concrete slab to a FM3 tolerance with new subbase and drainage. The rainwater system had also failed so we had to repair and replace the roof gutters and above ground drainage. Fire protection was improved in accordance with current building regulations. The extension consisted of a steel frame with cladding roof and wall panels to match the existing building with a new industrial door access. The existing main entrance was also upgraded to improve appearance by replacing the windows and doors.

All works needed to be completed in the confines of the site with live building environments on both sides of the construction works. The site was situated in a high-risk area for unexploded ordinance, so a high level of risk management had to be implemented during the piling activity. The finished project was an open plan industrial unit ready to be fitted out with clean rooms.

