

# Case Study



**Customer:** Hawarden High School  
**Client:** Flintshire County Council  
**Value:** £80,000

## Project Brief:

The installation of a new lift shaft and disabled lift at Hawarden High School, Flintshire. The works were undertaken during school time and during a stressful examination period for the students. Structured Designs therefore had to undertake a scheme causing as little disruption to the students as possible.

Structured Designs undertook all the works and achieved an excellent level of finish and customer satisfaction.

## Work Required:

- Creation of works compound – segregating areas from students.
- Excavation of lift shaft in place of concrete stairs.
- Building of lift shaft to house lift installation.
- Electrical work to new lift.
- Plastering, joinery and redecoration.
- Replacement flooring and handrails on new staircase.

## Key Challenges

- Works were undertaken during school term time so a structured site compound was required to be set up.
- The access corridor by work area was key to school life, so we had to ensure that it was available and safe at certain times of the day.
- The stair case was originally built using reinforced concrete, which created major issues during excavation.
- AS exams were being taken in the gymnasium next to the work area which required us to schedule some loud works around these.
- Logistical challenges with deliveries of materials having to be scheduled at certain times in order not to disrupt the school day.



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