

# case study



- ✓ Make Safe
- ✓ Surveying Services
- ✓ Structural Engineer
- ✓ Reinstatement

## Project Brief

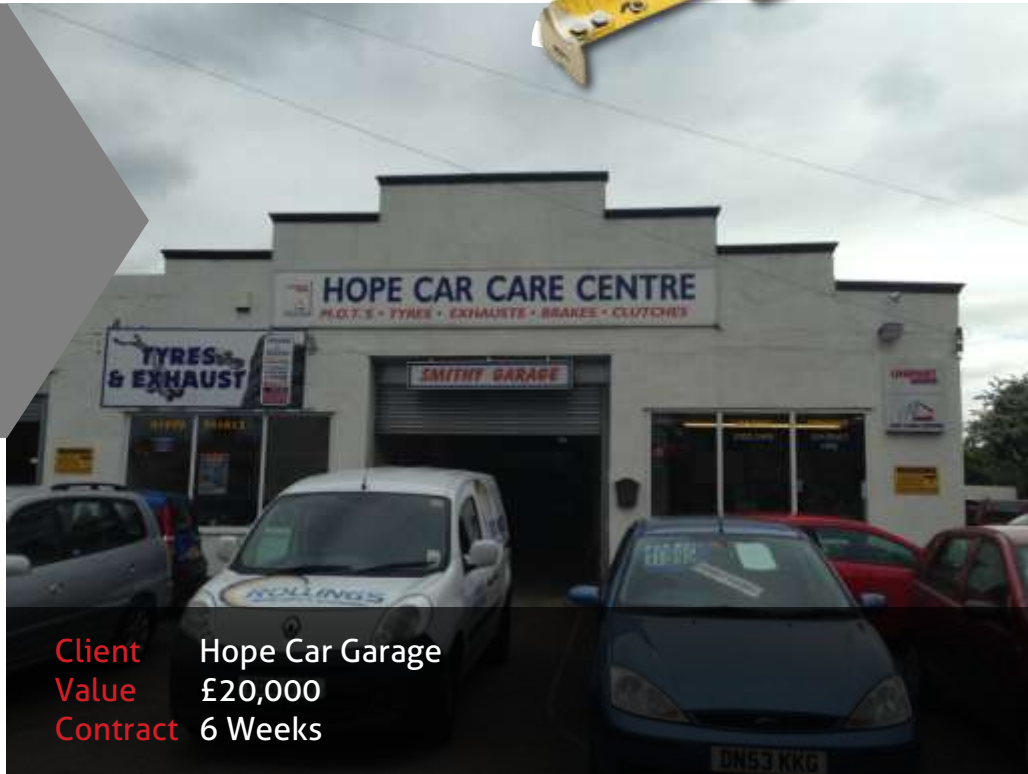


Storm damage to front wall affecting roof sheets which contained asbestos. The garage was a working car centre and repair facility and had customers and contracts that required the centre to be open 6 days a week. Initial schemes provided by other contractors involved the removal of the roof completely which would have disrupted the garage for weeks.

## Work Required



The works required was to rebuild the damaged section of wall and replacing the damaged roof sheets. The roof sheets tested positive for asbestos and therefore required removal by our partner asbestos firm. The brick works required structural scaffold to the roof which was all designed and organised by our structural team in conjunction with our structural engineers.



**Client** Hope Car Garage  
**Value** £20,000  
**Contract** 6 Weeks

## Key Challenges

Commercial claims always have different challenges to a standard domestic property. The key challenge on this claim was to try and keep the garage open throughout the works in order not to disrupt their business. We were able to erect the scaffold on a Sunday and segregate the work areas so when the workers arrived at the garage on Monday, everyone could get on with their work safely.

In order to segregate the works, we had to ensure that the scaffold structure adequately supported the roof. Our structural engineer visited site and ensured that all the load calculations and schemes were in hand and the structure was safe. This allowed us to support the roof and work on the structure without causing any disruption to the commercial activities of the garage.

The roof sheets tested positive for asbestos, which meant we had to safely removed these sheets and replace them without damaging or disturbing the fabric of the other sheets. This again had to be undertaken safely by trained operatives on a weekend when the car centre was closed.

DURING



## Key Objectives

Erect Structural Scaffold to support roof

Remove and rebuild wall

Remove and dispose ACM roof sheets

Replace damaged roof sheets

Re-render new wall to match existing

Paintwork externally

Ensure commercial activities were not disrupted by works

*"Keeping the garage open throughout the works was an absolute must." Chris Brown*

## Results & Feedback

The works were originally estimated to be completed within 8 weeks; we did however manage to complete the project within 5-6 weeks. The loss adjuster had received quotes for the work which involved removing the entire roof and completely replacing the structure.

We felt that this was an unnecessary cost for the insurance company. Our scheme allowed only the damaged sheets to be replaced and work at the garage to continue throughout the works.

The loss adjuster was delighted we managed to save money on the business interruption costs and the customer was pleased he did not need to close for a single day and was happy with the overall finish of the claim.

We undertake all types of structural repair work and are approved on major heli-bar systems and mini piling. We also can undertake traditional mass fill underpinning and have been key players in emergency subsidence claims.

DURING



Structured Designs Limited  
The Coach House, Gatewen Hall, Gatewen Road, Wrexham, LL11 6YZ  
[www.structuredesigns.co.uk](http://www.structuredesigns.co.uk)  
TEL: 01978 758822

Registered in England & Wales 4982344 VAT Registered. 868809364

