



2008

project features



ASRS Save School Roof Damaged By High Winds

Due to this school being close to the sea, high winds had caused some of the stone balls and copingstones on top of the roofs to become loose. ASRS were asked by the local authority to inspect and repair the damage and refix the stone balls.

Due to the height of the apex of the elevation ASRS used a 30 metre cherry picker to reach all the areas, therefore eliminating the need to scaffold. By installing stainless steel rods into the balls and the holding stone the stones were securely re-fixed and the school roof made safe ready for the start of the next term.

The project took 4 days to complete and conformed to English heritage specification



Iconic Hall Gets The ASRS Treatment

Norwich's most well-known public building is the **City Hall**. Built in the 1930s it is the city's foremost interwar building.

In 2003 ASRS installed Helifix masonry beams above the windows as part of the window replacement programme for the hall. The client was so happy with the result that in 2008 they commissioned ASRS to finish the rest of the building.



Masonry beams were installed to the full length of the walls, to distribute the structural loads and strengthen the masonry panels. This allowed the windows to be removed then replaced without any further movement to the brickwork. ASRS also carried out localised crack stitching and installed cross pinning ties to areas of cracking caused by thermal movement and lintel failure.

All of this work, combined with re-pointing and brick tinting left no visible trace of the installation and the historical aesthetic look of the building was maintained. ASRS installed over half a mile of bar on this project, in less than 3 weeks including making good!



Service Station In Need of Repair



ASRS were asked to look at this project by a local engineer. The specification was to stabilise a service station shop where it had moved and cracked due to movement of the retaining wall it was built on. The retaining wall dropped 10m so gaining access to perform the repair was quite difficult.



Where the cracking was severe, the wall was rebuilt incorporating Helifix bed joint reinforcement to strengthen the masonry panels. Where cracking was less severe (2-5mm wide) the Helibeam System was installed.



All work on the rear elevation was undertaken using a cherry Picker from the road below and the project took just 3 days to complete.



Damage Repair "Better Than Original"

The insurance company called ASRS to repair damage to a property that had been hit by a car. The specification was to rebuild part of the front elevation and all of the front wall and concrete repair the window sill and canopy over the front door. The property also required making good to internal decorations to the areas that had been disturbed.



The owner was naturally anxious about the damage to her property and also concerned about the aesthetic appearance of the end result. After a meeting between all the parties involved, she felt much happier about the work that was to take place, so ASRS set to work repairing the damage.

At the end of the project the owner was so impressed with the finished result that she stated that the repair was better than the original finish!



Narrow Access problem solved.

The main problem on this project was access. The retaining wall had a large bow and the bowed area was situated just 500mm in front of a basement flat. The only way to retain such a large wall and stop it from collapsing onto the flat was to use Platipus ground anchors to retain the wall and Helifix masonry beams to distribute the loads.



This was done by filling the void between the flat and the wall with concrete and installing the Platipus anchors through the flat wall and the void and into the retaining wall.



The flat was sheeted from top to bottom in plastic and plywood to protect the floors and walls. All carpets, fixtures and fittings were reinstated on completion.



New London Office

We are pleased to announce the formation of a new team based in London SW16. London clients will benefit from this exciting development with improved response times and our full range of structural repair services. Mike Lord, Operations Director (left) will manage the new team and guide the business forward. If you have a project or need advice about an existing project contact Mike or a member of the team on 0208 764 0049.

Our Comprehensive Service

- Bed Joint Reinforcement
- Bridge Repairs
- Cavity Wall Tie Replacement
- Cintec Anchors
- Concrete/Stone Repair
- Crack Stitching
- Full building service
- Platipus Ground Anchors
- Masonry Restoration & Brick Tinting
- Helical/Mini Piling
- Movement Joints
- Full Decoration Service
- Resin and Cementitious Injection



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