



Listed Residential Basement Conversion, Kent

Type C Cavity Drain Basement Waterproofing

The Project

This magnificent building is a link-detached Grade II Listed property that was built in the mid-1800s in East Kent, and which underwent extensive renovations to transform it into a high-end residence.

Newton Specialist Contractor [Anglian Tectonics](#) were initially contacted to provide a timber treatment solution, but then transformed the existing, brick cellar that was suffering from large amounts of damp, into a habitable space.

The Solution

Anglian Tectonics worked closely with the project architect Mervyn Gulvin, as well as the main contractor on the renovation works [C.J. Gray Construction](#), to design and install a system would meet the client's requirements and would fit around the ongoing project.

Considering the Grade II Listed status, the [Newton CDM System](#) was deemed to be the best solution for providing a completely dry basement, defined as Grade 3 by the British Standard for waterproofing, BS 8102:2009, whilst also remaining sympathetic to the structure.

The CDM System was also supported by a sump chamber containing dual [Newton Pumps](#), and a [Victron Battery Back-Up](#) system to ensure continued usage in the event of a power failure.

The first stage of work to the basement successfully converted the coal cellar and boiler room into a large utility room, as well as providing the option to extend the system to further areas of the cellar at a later date.

The Result

By providing a thoroughly professional and efficient service to the client, in a short space of time Anglian Tectonics were able to turn a damp and dark cellar into a completely dry and habitable area, ready to be transformed into a beautiful new kitchen and utility room, all backed by an installation guarantee.



The beautiful Grade II Listed property in East Kent



The existing brick cellar was extremely damp



"I engaged Anglian Tectonics to investigate a damp area under the drawing room of my 1853 house, which was undergoing extensive renovations. Even on this small work, Anglian were responsive and completed their job very quickly.

It was clear that they have deep expertise with older houses, and it was an easy decision to engage them to turn two dank, dark cellar rooms into a bright utility room.

Anglian waterproofed the whole area and worked collaboratively with the builder and the architect to get the job done properly. They were efficient, flexible, and explained everything that was happening. I was impressed that it was always easy to contact Gary and he would visit the site to check everything was progressing.

Anglian undertook a further piece of work to put in a damp proof course in part of the ground floor, and again this work was done efficiently and to a high standard.

All of the installers were employees of the company and had worked there for a long time. They were all good ambassadors for the company and proud to work for Anglian Tectonics.

I have already recommended Anglian to other people and will continue to do so - they were a standout for me during my renovation project."

The Homeowner



A new external doorway from the basement was also created



The client installed beautiful new kitchen in their dry cellar

The Products

CDM SYSTEM

A combination of Newton's decades of waterproofing experience and the highest quality BBA certified membranes from [Newton System 500](#). Coupled with the bespoke pump configurations, backup systems and ancillary options, the Newton CDM System is the most reliable and maintainable waterproofing solution for any below ground space.

NEWTON PUMPS

Newton's extensive range of submersible pumps and pumping ancillaries are used to control clean ground water, grey water, effluent or sewage in any basement or below-ground space.

VICTRON INVERTER

The range of Newton Victron Inverter/Chargers provide advanced solutions to ensure that Newton's pumps continue pumping during a power interruption, as part of our battery back-up system.

Newton Specialist Basement Contractors

Newton recommends that our systems are installed by one of our nationwide network of Newton Specialist Basement Contractors (NSBCs). Trained by Newton, NSBCs offer a full guarantee on the design and installation, and can act as Waterproofing Design Specialists.



Newton and Anglian made a vital contribution to the renovations



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