



## Crypted vault cellar conversion Farnham



The owner of the property (a converted Victorian workhouse) was unaware of the cavernous space below until he investigated a mysterious brick arch in the foundation wall below ground level - discovered whilst digging in the garden to create a flower bed.

To provide more headroom we removed the brick floor and dug down by 400mm. During this excavation we revealed the original Victorian waterproofing method, which consisted of drainage channels created within the fabric of the brick floor.

This is one of several Victorian underfloor drainage systems that we have revealed and it is interesting to note that underfloor drainage was used BEFORE waterproof renders and coatings were developed. Modern underfloor channelling systems such as Waterguard and our own Basedrain channel are really a return to the tried and trusted philosophy of removing the water by drainage rather than trying to hold it back.

By installing the 'modern' drainage system we were in fact reinstating the same principles that the Victorians used.

Membranes were used on the vertical sections of wall, lined with plasterboard and the arched brick was lightly sandblasted and treated with a clear resin coating.

An opening was created in the apex and a spiral staircase installed; window wells were created at either end to facilitate natural light and emergency egress as can be seen in the main picture to the left.

Phone us FREE on 0800 413 801

E-mail us at [advancedbasementsolutionsltd@gmail.com](mailto:advancedbasementsolutionsltd@gmail.com)