

Case Study

Project Title:
Turnford Triangle, Broxbourne, Hertfordshire

Client:
Charles Church (North London)

Contract Value:
Undisclosed

Contract Date:
August 2008



Summary:

Covey Design prides itself on its experience and flexibility – and the project for Charles Church in Broxbourne, Hertfordshire proved no exception!

Turnford Triangle comprises of 80 units, mostly apartments, which on paper was initially a straight forward scheme. However, following the granting of planning permission, the flood capacities set out by the developer's engineers in the associated Flood Risk Assessment were found to be erroneous.

A re-modelling exercise by the Environment Agency confirmed that the scheme levels would need to be amended including re-profiling the banks of the brook which ran through the centre of the site.

This unfortunately would have an impact upon the water voles known to be present along the stretch of brook in question. Following consultation with leading water vole experts and the Natural England area team, a strategy was agreed to temporarily trap and hold the water voles off site at a specialised unit until the works had been completed.

Covey Design's brief was to create a landscape scheme that would provide a suitable habitat for water voles post construction and thus retain their presence long term. With guidance from Ecology Solutions species were selected which would grow naturally in order to provide a food source and cover for the creatures.



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Holcus



Water mint



Dactylis

Tall wild grasses such as Phalaris, Dactylis, Arrhenatherum, Holcus, Phelum, Alopecurus, Argostis and additional Water forget-me-not, Water cress, Fools water-cress, Water mint and Sparganium scirpus, Juncus and Carex were considered. It soon became apparent that the scheme and it's long term maintenance (along with a number of other factors such as the stability of water levels) were key factors in the water voles survival at the site.

“Covey Design truly understood the complexity of our Turnford Triangle project, developing a scheme that met the demands of both the ecological and commercial factors involved.”

Scott Robertson, Technical Manager, Charles Church

About Covey Design

Covey Design is part of **tcl**, which is one of the largest, most progressive landscape service companies in the UK. We consistently provide high quality landscape consultancy, design, construction and maintenance services to customers nationwide.

Over 25 years we have established a reputation for high quality and cost effective landscape solutions. We understand how important these values are to our customers, that's why we always specify premium grade materials and the use of best practice, ensuring all projects are completed to the highest possible standard.

