



Barton

PROJECT PROFILE: Proposed Marina, Heyford Fields Farm, Grand Union Canal



Location	Between Bugbrooke and Nether Heyford, Northamptonshire
Client	M C Adams Esq
Value	£175,000
Duration	10 weeks
Quantities	115,000 m3 of excavation
Description	<p>The marina is a private venture by the client to provide much needed quality mooring facilities. It is located in the beautiful Northamptonshire countryside carved into a rolling meadow. The re-soiled slopes will form gently falling grasslands down to the basin, where sympathetic tree planting enables the design to blend in successfully with the existing.</p> <p>The bulk of the excavation was carried out using Cat D8 and boxes with the material being used to re-profile on existing field to enable water to shed more easily and hence improve the conditions for farming. Final shapes around the soft edges of the marina were formed by 360° excavators with material carted away in articulated dump trucks.</p> <p>A large quantity of clean sand was encountered during the excavation which unfortunately lay below the proposed formation level of the basin. This necessitated additional excavation to allow an appropriate thickness of clay seal to be engineered into place, thereby providing a water-tight facility.</p>