

Project Information:

Consultant	Arup
Blackwell Role	Main Contractor
Form of Contract	ECC Option B
Contract Start	June 2005
Contract Period	68 weeks
Contract Value	£6.030M

Blackwell Site Management:

Contracts Manager:
Niall Fraser

Project Manager:
Rob King

Construction Manager:
Dennis Barlow

Project Office:

Head Office:

Coggeshall Road, Earls Colne,
Essex, CO6 2JX

Tel. 01787 223131

Fax: 01787 224391



Services Include:

Civil Engineering **Earthworks** Geotechnical **Remediation**



Background:

The project involved the land formation works of the former Eastern Quarry site. The scheme is part of the overall works to develop the site into one of three villages which will provide over 6,000 homes, around 260 acres of parks, lakes and woodland areas. At the heart of the development there will be a market centre providing leisure, retail and education facilities including 1.5 million square feet of office accommodation.

Key Processes:

The main elements of the works include the following:

- 5 million cu.m. of earthworks (up to 180,000 cu.m. of earthmoving output per week)
- Reprofiling of excavated material and creation of fill platforms.
- Construction and operation of an on-site laboratory facility to undertake compaction testing every
- 1000cu.m. of material placed.
- Compaction of over 4 million cu. m of material to date
- Topsoil making trials on site, to enable a reduction in the amount of imported topsoil estimated
- At around 480,000 cu.m. in total.
- In-house plant resource of two motor scraper teams, six 65t excavators, 28 trucks and supporting
- Blades, compactors, graders and water bowsers etc totalling around 60 items of plant.

