

TRINITY MEWS

CLIENT:	CARMALOR HOMES
SECTOR:	RESIDENTIAL
LOCATION:	SOUTHWELL, NOTTS
VALUE:	£3m
DATE:	2005



This scheme comprised of a development of 13 properties ranging from townhouses to detached executive homes.

Our client, Carmalor Homes, required advice on a range of issues including overcoming difficult ground conditions and the need to maximise accommodation and provide dramatic internal spaces within these impressively specified properties.

Having arranged and overseen appropriate investigations into the site conditions prior to construction, a range of foundation designs were proposed and adopted. These included a piled solution in some parts of the site where unsuitable ground was identified and conventional concrete foundations in other areas.

The depths of these foundations were designed to avoid problems associated with clay shrinkage, in view of the nature of the foundation strata and surrounding vegetation.

The internal layouts of the properties were then optimised by incorporating substantial beams and purlins, both in steel and laminated timber. In many cases, these allowed the roof spaces within the houses to be utilised to provide a third storey of accommodation within what were essentially two storey buildings.

In summary, we fulfilled our client's requirements to provide cost-effective solutions to a range of problems whilst allowing the architectural potential of the scheme to be fully realised.