

Residential / Modular



Rodney Road, Twickenham, London

Peter Dann were appointed by Spaceover Limited to provide the structural design of the modular housing, foundations, drainage and external hard standings for this housing development.

The site lies directly between a mainline railway and a busy road and thus required high levels of sound insulation, which was easily provided with the modular framing solution, which offers very good acoustic performance both against external noise and also the transmission of sound between units internally.

The lightweight construction of the modular units using the Ayrframe System by Ayrshire Metal Products meant that traditional foundations could be adopted, thus saving time and money.

The off-site fabrication and fit out of the modular units, which ran parallel to the ground works, together with the speed of installation on site, reduced the overall construction programme significantly in comparison to traditional construction methods without compromising the quality.