

## Leisure



### Halstead Swimming Pool

Located in the grounds of Ramsey School, Halstead, this project involved the construction of a 25m pool, kidney shaped learner pool, fitness suite and associated amenities and parking. The new facility was built next to an existing sports hall. The two buildings were linked and integrated. In addition new tennis courts were built and an existing all-weather football and hockey pitch refurbished. The project value was £3.85 million and the contract was for 64 weeks duration.

Peter Dann were an integral part of the design team who prepared the initial tender documents as part of a two stage tender process. Close liaison with the contractor and the rest of the design team during stage two of the tender process resulted in the valued engineered optimum design solution.

The pool structures were designed in water retaining reinforced concrete and the superstructure is a steel frame with masonry cladding and curtain walling. Great care was taken in the design and detailing to ensure an economical and elegant structure. A paint system was chosen to give a 20-year design life. Due to the confined nature of the development, plant rooms were suspended on mezzanine structures.

The disposal of foul and surface water involved negotiation with the Local Water Authority. Existing drainage systems meant that discharge restrictions were placed on the foul and surface water. This resulted in on-site storage within the pipe network being adopted.