

# PROJECT PROFILE



## Work by O'Brien

A challenging contract involving in excess of 4,500m<sup>3</sup> of excavated material from the building to allow the construction of pools, plant rooms and basements some of which were in excess of 4m deep. The excavated material was used, along with over 2,500m<sup>3</sup> cut from external areas, to fill to required levels for roads and car parks which, together with other hard and soft landscaping, covered in excess of 19,000m<sup>2</sup>.

Drainage to the site included foul and storm drainage systems together with the installation of an 18,000 litre backwash tank with an invert in excess of 7m to prevent the overwhelming of drainage when the pools are emptied.

The pool areas comprise six pools in a variety of shapes from circular to square and ranging in depth from 0.3m to in excess of 2m, all formed in reinforced concrete to create a stunning facility. Basements were also constructed in reinforced concrete to provide plant rooms and storage below the leisure centre. Over 400T of reinforcement and 3,800m<sup>3</sup> of concrete were used on this project.



**Client**  
Carillion Regional Building

**Project**  
Wednesfield Leisure Centre

**Location**  
Wolverhampton

**Value**  
£2.5m

**Contract Duration**  
45 weeks

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