

Michael Woods Sports and Leisure Centre, Glenrothes

Glenrothes sports hub is lengths ahead of the competition

£17.8m

/ Project value

May 2011

/ The build commenced

June 2013

/ The duration

'Highly Commended' for its architectural excellence at the Scottish Property Awards, the Michael Woods Sports and Leisure Centre is a state-of-the art regional sports complex in Fife. Expertly constructed over a 25-month period, the 7829m² site provides extensive competition standard sporting facilities for community use including a 25m eight-lane championship swimming pool, a 20m training pool, a 10m teaching pool and two new 3G seven-a-side pitches.

The Brief

Part of a £55m investment in community sports facilities by Fife Council, the brief concentrated on bulk excavation, demolition and the construction of a structural steelwork superstructure, to house reinforced concrete swimming pools, as the centrepiece of this multi-million-pound transformation. Significant external upgrades and redevelopment were additional elements of the expansive project.



"It was really great to get the chance to see the progress being made to deliver this fantastic facility for the Glenrothes community first hand"

Councillor Ian Sloan
Vice-Chair of the Glenrothes Area Committee

“GRAHAM has demonstrated a wide range of specialist skills and trades and has completed the main works contract to a high standard. They have met the challenges presented by the project through a collaborative and solution focused approach”

Ian MacLeod
Economic Development Officer, Special Projects Comhairle nan Eilean Siar

The Challenges

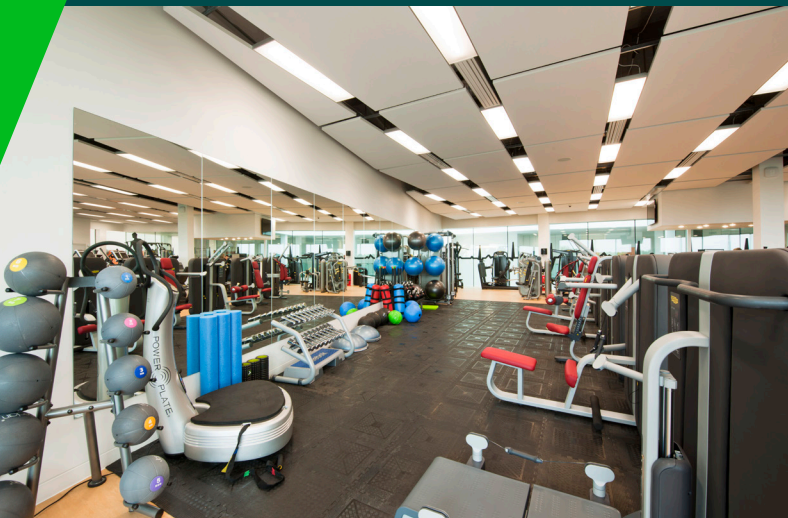
Amidst a live educational campus, the project was delivered in numerous phases to minimise any potential disruption to the existing Fife Institute and the Adam Smith College. In recognition of this tight, operational environment bespoke Local Access and Traffic Management Plans were implemented. Innovative 3D computer simulation, to clearly demonstrate the construction strategy and its core phases, was also adopted to inform the client, and its stakeholders, of planned operations. With construction work taking place in close proximity to critical services, including electric, we operated a permit to work system to provide awareness.

GRAHAM's added value solution

Far-reaching in scope, the construction of this CCS registered project, included a suite of three swimming pools, seating for 250 spectators, an 80-station fitness centre, three multi-purpose rooms, health and aerobics spaces, two squash courts and associated wet plus dry changing facilities. A café, administration areas and a meeting room completed the internal requirements. Externally the works featured the refurbishment of the full-size hockey pitch, and athletics track, the provision of two new 3G seven-a-side pitches and a MUGA pitch. Furnished with sustainable products such as rainwater harvesting and a biomass fuel tank, the £17.8 million development was also memorable for the reuse of 6000 tonnes of soil/stone. Excavated as part of a bulk dig at our neighbouring Kircaldy Leisure Centre programme, this transfer resulted in significant waste reduction and financial savings for both projects.

Outputs & Benefits

- / **Competition Standard:** Construction of a 25m eight-lane short course championship pool
- / **Waste Transfer:** The reuse of 6000 tonnes of soil/stone provided significant waste reduction and significant financial savings
- / **Phased Delivery:** Innovative 3D computer simulation, to clearly demonstrate the construction strategy and its core phases, was adopted to inform the client
- / **Sustainability Features:** Rainwater harvesting, a biomass fuel tank and a green roof were incorporated
- / **Considerate Constructors:** The project was registered with the Considerate Constructors Scheme
- / **Local Engagement:** 45% of the local workforce was from Fife
- / **Opportunity Knocks:** Five long-term unemployed people were employed on the project



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