

# YORK SPORT VILLAGE

## YORK

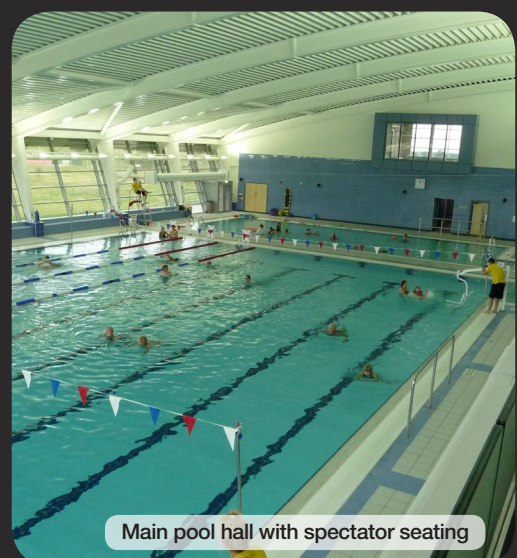
**Status:** Completed 2012  
**Client:** University of York  
**Operator:** York Sport Village LLP  
**Value:** £9.0 million



York Sport Village lies within the university campus extension on the outskirts of the city adjacent to a 'park and ride' public transport terminus. It provides first class sports facilities for both the students and the wider community and also attracts considerable commercial revenues. In the first year of operation, the sports facilities have been well used and the initial financial targets have been exceeded.

The building is prominently located and is highly visible from the surrounding road network. It adopts a low-profile curved roof structure that complements the rolling rural landscape and integrates with the established university master plan.

The project was funded jointly by the University (c £5 million), the City Council (c £3 million) and Sport England (£1 million) with the aim of driving increases in sports participation and deliver a London 2012 Olympic legacy.



Main pool hall with spectator seating

“  
*It was highly appropriate  
that the facility was  
completed on the first day  
of the London 2012  
Olympics...*”

**Elizabeth Heaps**

**University of York, Pro-Vice Chancellor  
for Estates and Strategic Projects**



New indoor facilities include:

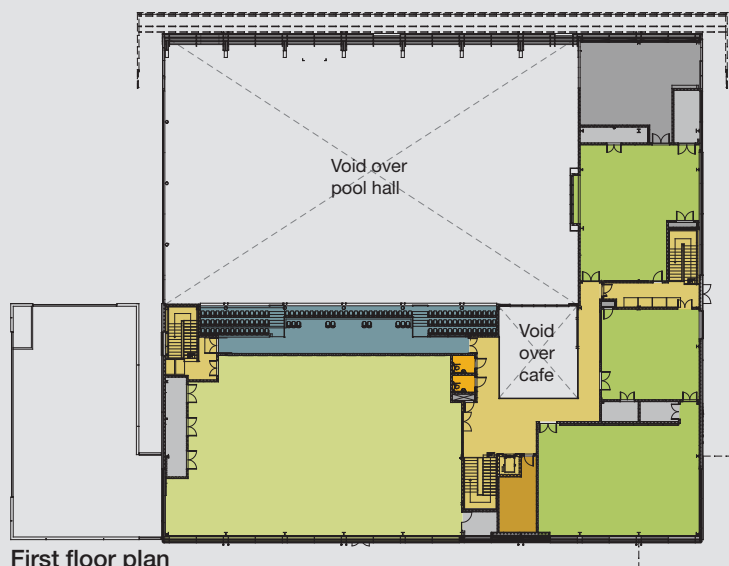
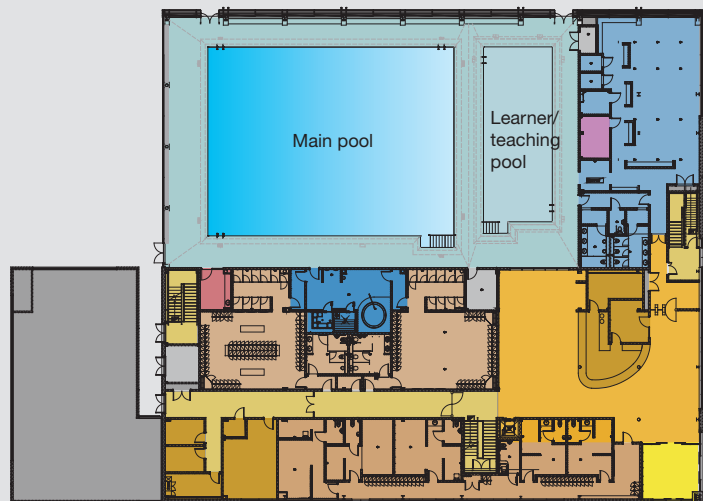
- 25m x 8 lane main pool (short-course competition)
- Training/learner pool
- 120 spectator seats and 6 wheelchair zones
- Poolside competitor seating
- Health suite (with spa pool, steam room and sauna)
- 120 station fitness suite
- Three dance/aerobic studios
- Café
- Associated changing and support facilities;

and new outdoor facilities include:

- A full-size 3G football pitch
- Three five-a-side 3G football pitches
- Public areas
- Car and cycle parking.

All visitors enter the building from the north-western corner which provides a focal point at the end of the central pedestrian and cycle route that runs through the university campus. An external public space with seating and planting has been created to provide a direct link to the adjacent 3G pitches, car park and cycle storage area.

The building is organised into an economical rectangular plan with a central circulation space at ground floor that connects the reception, cafe and spectator viewing. This also provides views and access to the 'dry sports' area to the north and the 'wet sports' area to the south. A double-height café space and an adjacent main staircase provide a visual connection and easy access to the fitness suite, studios, and viewing balcony on the first floor. Informal viewing into the pool hall from first floor corridors and fitness area also help make the building layout easy to understand and navigate.



## Key

Entrance	Pool hall	Fitness suite/lab	Dry change (external sports)
Circulation	Spectator seating	Aerobics studios	Dry change (internal sports)
Foyer / Public toilets / Cafe	Wet change	Changing Places	Stores
Staff areas/reception	Health spa suite	First aid	Plant / service void



The plan and internal arrangements of spaces have been influenced by orientation. The pool hall is located to the south to take advantage of stunning views across the landscape whilst also benefiting from solar gains to help reduce the plant load to heat this space. Conversely, spaces that are mechanically cooled such as the health and fitness and multipurpose studios are located to advertise their function whilst also taking advantage of indirect northern daylight and minimising solar gains.

The primary structural spans are related directly to the key sporting and leisure activities that need to take place with a large span over the swimming pool hall and smaller spans limited to the width of the health and fitness facility. Similarly, the building envelope treatment and the volumes enclosed are closely related to the functions within. The key activity spaces being largely glazed and highly visible and the changing and support spaces being covered within a high-quality pale blue architectural masonry. The elevations are punctuated by bands of coloured opaque glazing in blues and greens. Lightweight coloured metal clad feature panels incorporating signage and sloping glazed facades provide further dynamism to the key activity spaces.

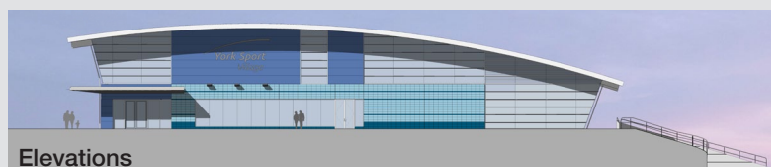
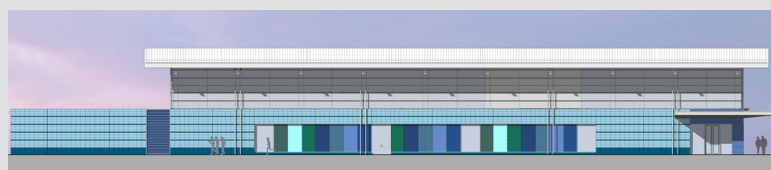
The existing topography of the site plays a vital role in the design concept. There is a considerable level difference across the site from north to south. The elegant curved roof profile is further accentuated by its overhanging eaves and gables which also assist in minimising glare and controlling specular reflections on the pool water surface.



Five-a-side 3G football pitches



Full size 3G football pitch (with 7-a-side pitches marked crossways)



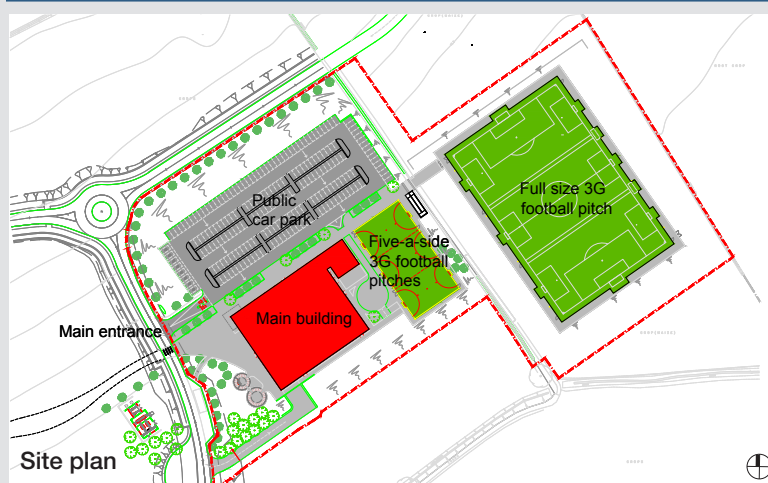
Elevations

## Schedule of Areas

Gross Site Area	50,000 m <sup>2</sup>
Building Footprint Area	2,495 m <sup>2</sup>
Gross Internal Floor Area (GIFA)	4,085 m <sup>2</sup>
Circulation Area (% GIFA including foyer and reception but excluding café)	13.5 %

## General Accommodation / Standards

Studios	Three studios with sprung floors and dedicated store rooms providing flexible use for aerobics, dance, spinning/cycle and 'Mind & Body' classes
Fitness Suite	A 120 station health and fitness suite with comfort cooling and state-of-the-art equipment
Swimming Pool	25m x 8 lane short-course competition pool with 'easy going steps', mobile hoist and seating for 120 spectators and 6 wheelchair zones
Training / Learner Pool	17 x 7 m secondary pool with 'easy going steps', mobile hoist and facility for sub-division into lanes
Café	A double-height cafe located within the entrance area with views to the pool and serving hot and cold drinks and snacks
Changing	Three changing areas. Public unisex changing village serving the pool hall and team based external sports changing. There is separate male and female changing for health, fitness, swimming and spa areas
Offices	Office provision located adjacent to the reception and in a separate suite



Site plan

## General Description of Key Specifications and Materials

Frame	Structural steel with high protection paint system	
Cladding	Glazed blocks / composite cladding / curtain wall glazing	
Roofing	Standing seam aluminium roofing system	
Internal walls and partitions	Concrete blockwork and render / plasterboard and double glazed frameless partition system	
Internal doors	Laminate faced solid core timber doors or glazed doors as part of internal partition system	
Wall finishes	Plaster / render / tiled	
Floors	Tiled / sprung timber / carpet tiled / resin flooring	
Lighting	Lux levels	Type
Swimming pool	300	Die cast aluminium precision floodlight with asymmetric beam
Aerobic studios and fitness suite	300	Suspended steel-bodied luminaire with louvre
Changing spaces	200	Compact fluorescent downlighter

## Summary of Elemental Costs

	Element	Total Cost (£)	Cost (£) per m <sup>2</sup>
1	Substructure	550,000	134
2	Superstructure	1,600,000	392
3	Finishes	565,000	139
4	Fittings and furnishings	415,000	101
5	Services	1,955,000	478
6	External works	1,810,000	444
7	Preliminaries	1,095,000	268
8	Contingencies	-	-
9	Design Fees	340,000	83
	<b>TOTAL CONTRACT SUM</b>	<b>8,330,000</b>	<b>2,039</b>

### Notes:

- Costs stated are rounded and based on first quarter 2012
- Costs stated exclude VAT
- Costs stated exclude Client fit out and Client professional fees
- Figures reported are final costs.

## Specific Items of Interest

Element	Approximate area (m <sup>2</sup> )	Water area ratio
<b>Total water area</b>	<b>567</b>	
Pool hall area	1002	1 : 1.77
Wet changing, toilets and showers (village + spa suite changing)	507	1 : 0.89
Pool equipment store	16	1 : 0.03
<b>Combined area of pool hall, wet changing and storage</b>	<b>1525</b>	<b>1 : 2.69</b>
Spectator seating (120 seats + 6 wheelchair zones)	129	
Café / reception / server space	315	
Public / spectator WC's	8	
Aerobics / spinning studios (3)	403	
Fitness suite (Health and fitness gym)	485	
Spa suite	63	
Outdoor dry change	246	
Other areas	911	

[Click here for 'User Guide'](#)

[Click here for current 'Design and Cost Guidance'](#)

## Environmental Sustainability

- BREEAM 'very good'
- EPC Rating 'B'
- District heating: exchanger fed from University Energy Centre utilising CHP and biomass fired heat source
- Ventilation heat recovery on all air handling systems
- Central VRF comfort cooling using air source heat pumps with heat recovery
- Pool covers to reduce ventilation and heat loads during unoccupied hours
- High-efficiency light fittings with day-light dimming and presence detection

## Procurement / Programme

Designer	_space group
Contractor	Sir Robert McAlpine
Tender	OJEU restricted procedure
Contract	Single stage JCT Design and Build contract with the consultant team novated after RIBA work stage E
Duration	Contract programme – 59 weeks



Dance/aerobic studio



120 station fitness suite

Photographs provided by \_space group and Robin Wilson Consulting