

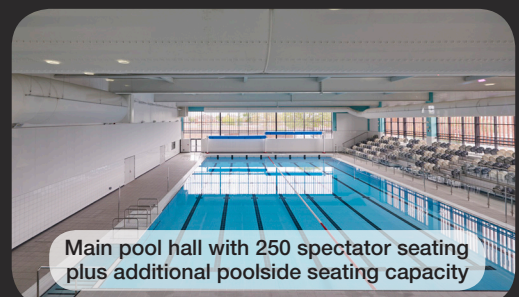
ELLESMERE PORT SPORTS VILLAGE CHESHIRE

Status: Completed May 2015
Client: Cheshire West and Chester Council
Operator: Brio Leisure
Value: £13.1 million



Ellesmere Port Sports Village is Cheshire West and Chester Council's prestigious leading regeneration project within the Ellesmere Port area and provides new 'state-of-the-art' sports and leisure facilities on a former school site. It includes an eight lane 25 m swimming pool certified by the Amateur Swimming Association (ASA) and a range of other first class sports, leisure and community facilities for both the local and wider communities. The eight court sports hall with 1400 seating capacity has also become the home of the Cheshire Phoenix basketball team.

The building is highly visible due to its prominent location along Stanney Lane. Although it adopts a simple rectangular volumetric form, a striking appearance is achieved through imaginative articulations of the facade treatment that greatly enhances the attraction of the facility. The project was funded jointly by the Borough Council (c £12.1 million) and Sport England (£1 million).



“

...Since EPSV opened, uptake has been overwhelming. The wide array of facilities provide something for everyone, whether that be spectator or participant...

”

Elly McFahn

Managing Director, Brio Leisure



New indoor facilities include:

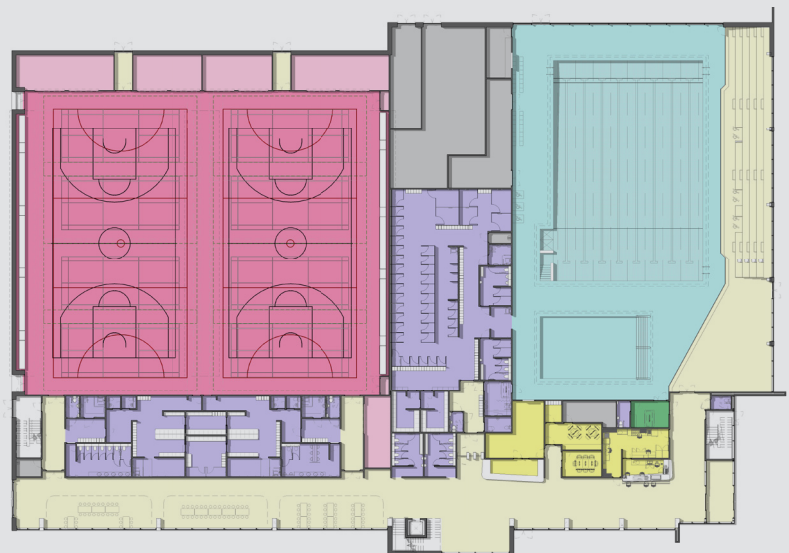
- 25m x 8 lane main pool
- Training/learner pool (11 x 7 m)
- 250 spectator seats and 6 wheelchair zones
- Poolside competitor seating
- 8 court multi-sport hall with retractable seating for 1400
- Dry changing (sports hall / outdoor facilities)
- 80 station fitness suite
- Three studios (two flexible multi-purpose dance/exercise and one community room)
- Café and seating areas
- Associated changing and support facilities
- Car and cycle parking.

Existing outdoor facilities include:

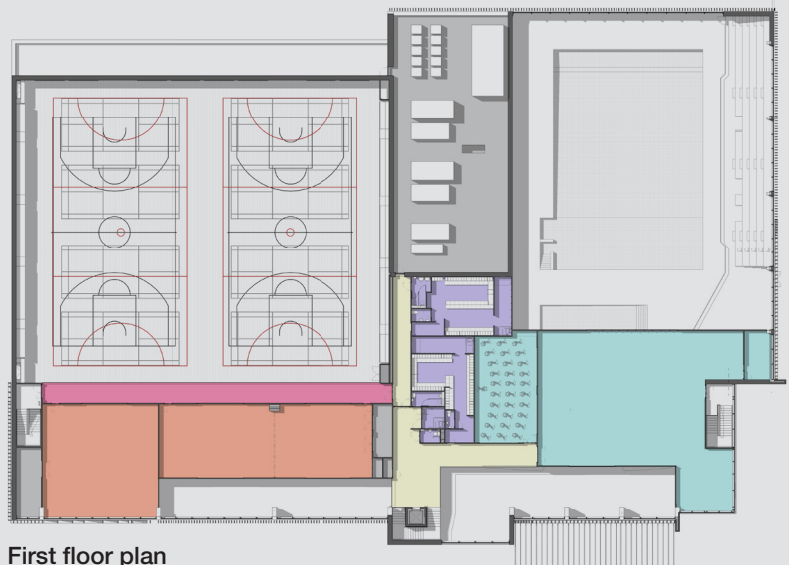
- Athletics track
- 1 no. artificial grass pitch
- Natural turf pitches
- Public areas.

All visitors enter the building from the South-east corner which is defined by projecting wall and roof elements within the subtly articulated full-height glazing. The hard and soft landscaping adds visual interest and a direct link with the car parking provision.

The building is organised into an economical rectangular plan with a double-height circulation space or internal 'street' at ground floor level that connects the reception and cafe, providing views to the first floor dance, fitness and community facilities. It also provides direct access to the dry changing and sports hall elements and to the wet change, swimming pool and spectator viewing area.



Ground floor plan



First floor plan

Key

Circulation	Pool hall	Sports hall / viewing	Fitness suite	First aid
Staff areas / reception	Wet/dry changing	Equipment stores	Multi-purpose studio	Plant / store



Double-height 'street' with views to the first floor dance, fitness and community facilities

The circulation to the first floor is organised around a lift and staircase in the centre of the glazed 'street' and short corridor links to the dance, exercise and community rooms.



Vertical circulation strategically located to enable easy wayfinding

The swimming pool changing village has single, double and family sized cubicles as well as group changing rooms. They are all fully accessible to wheelchair users and accessible toilets, showers and a 'Changing Places' facility are also provided.

The dry changing rooms are designed as separate male and female areas with an interconnecting buffer changing area. This gives the operator the flexibility to increase the number of changing spaces for either male or female users to suit the programmed use of the sports hall.

Schedule of Areas

Gross Site Area	82,270 m ²
Building Footprint Area	4,800 m ²
Gross Internal Floor Area (GIFA) excluding external plant area	6,191 m ²
Circulation Area (% GIFA including foyer and reception but excluding café)	14 %

General Accommodation / Standards

Sports Hall	Large multi-sport hall with 9.1 m clear height, artificial sports lighting to suit a range of sports and retractable seating with 1400 capacity. It accommodates two full-size basketball courts to National Premier League standards, and has line markings for two netball and eight badminton courts
Studios	Three studios with sprung floors and dedicated store rooms providing flexible use for aerobics, dance, and community activities
Fitness Suite	An 80 station health and fitness suite with comfort cooling and state-of-the-art equipment (by others)
Swimming Pool	8 lane pool (25 x 17 m) with 'easy going steps', two accessible submersible lifts and seating for 250 spectators and 6 wheelchair zones
Training / Learner Pool	11 x 7 m secondary pool with 'easy going steps' and mobile hoist facility for wheelchair users
Café	A cafe and extensive seating provision located along the double height internal 'street' with external views and serving hot and cold drinks and snacks
Changing	Three changing areas. At ground floor level, public unisex 'wet' changing village serving the pool hall. Separate male and female 'dry' changing facilities are provided at ground level for the sports hall and outdoor activities, and also at first floor level for health and fitness areas.
Offices	Office provision located adjacent to the reception



Bris soleil shading to entrance area

General Description of Key Specifications and Materials

Frame	Structural steel with high protection paint system	
Cladding	Composite cladding / curtain wall glazing	
Roofing	Standing seam aluminium roofing system	
Internal walls and partitions	Concrete blockwork and render / plasterboard and double glazed 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 / rubber tile flooring	
Lighting	Lux levels	Type
Swimming pool	300	Die cast aluminium precision floodlight with asymmetric beam
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 ²
1	Substructure	780,000	126
2	Superstructure	3,720,000	601
3	Finishes	720,000	116
4	Fittings and furnishings	420,000	68
5	Services	2,570,000	415
6	Specialist pool installations	840,000	136
7	External works	2,125,000	343
8	Preliminaries	1,215,000	196
9	Design fees	715,000	116
	TOTAL CONTRACT SUM	13,105,000	2,117

Notes:

- Costs stated are rounded and based on final costs 2015
- Costs stated exclude VAT
- Costs stated exclude Client fit out and Client project management fees
- Costs (£) per m² based on 6,191m² GIFA

Specific Items of Interest

Element	Approximate area (m ²)	Water area ratio
Total water area	509	
Pool hall area	938	1 : 1.84
Wet changing, toilets and showers (village)	392	1 : 0.77
Pool equipment store	52	1 : 0.10
Combined area of pool hall, wet changing and storage	1382	1 : 2.72
Spectator seating (250 seats + 6 wheelchair zones)	276	
Café / reception / server space	500	
Public / spectator WC's	39	
Sports hall	1453	
Dry changing (Sports hall / outdoor facilities)	279	
Studios (Multi-purpose (2no.) / Community)	370	
Health and fitness suite (gym/spin/cons/n)	443	
Dry changing (Health and fitness)	131	
Other areas (e.g. plant/circulation/stores)	1318	

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

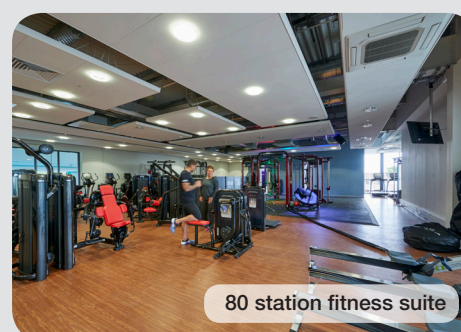
[Click here for current 'Design and Cost Guidance'](#)

Environmental Sustainability

- BREEAM 'very good'
- EPC Rating 'B'
- 'Low and zero carbon' technologies
- Energy from gas CHP
- 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	Ellis Williams Architects
Contractor	Wates Construction
Tender	North West Construction Hub
Contract	NEC 3 Option C
Duration	Contract programme – 72 weeks



80 station fitness suite



Prominent entrance

Photographs provided by Ellis Williams Architects