

## CHSTE 18<sup>th</sup> January – New Swimming Pool at Withdean Sports Complex and pool provision in East of the City

### Appendix 2 – Site Plan and Indicative Designs/Visuals

The red line indicates the outline of the entire site, and the yellow box indicates where the swimming pool would be located within the site – which is to the North and is parallel to the main entrance. The current footprint of the new pool proposed is 997m<sup>2</sup>.



#### Visuals – Exterior

See below for designs and visuals drawn up by ReCreation and Box Architects.

Current Facility – proposed location:



#### Indicative New Facility:



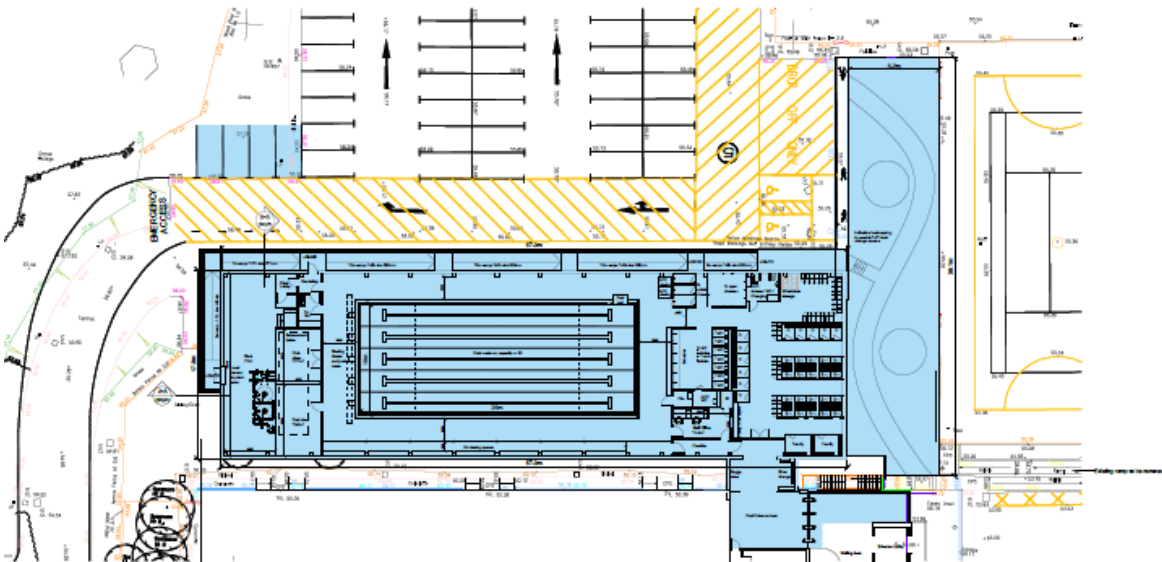
The design aims to complement the design of the existing centre roof, keeping the roof height below the existing eaves. However, the orientation of the roof may change, or it may be flat, in order to accommodate solar PV panels. Several material options for the structural frame have been considered, with a braced steel frame being the most suitable choice because it will simplify the link to the existing reception as it is also a steel framed building. The use of steel also simplifies the foundation arrangement, it is a cost-effective solution, and common/simple technique that could give more choice in relation to contractors.

## Visuals – Interior



Expansion of the existing reception area would create a barriered entrance/exit and will provide the ability for the swimming pool to be integrated and managed as part of the current facility via the existing reception. The pool will be located to the right-hand side as you enter the existing front door. There will be a buggy park and shoe change area in the entrance/foyer area.

## RIBA 1 Plan



By incorporating a 5-lane pool, it will give the maximum possible pool space (capacity of 83) and the potential for increased financial sustainability.

Other features to highlight are:

- Proposed pool depth is 1.35m to comply with FINA and Swim England competition standards for diving – platforms can be used for learn to swim/community swimming if needed
- Accessible hoist/platform

- Gender neutral changing village including group rooms
- Spectator seating for approximately 100
- Pool-side storage – one for swimming clubs to use
- Office with direct access to pool hall – to replace the two offices lost in reconfiguring the main reception area
- Buggy Park/Shoe Change Area – located at the main entrance to prevent congestion in changing areas and to help maintain a clean, safe poolside