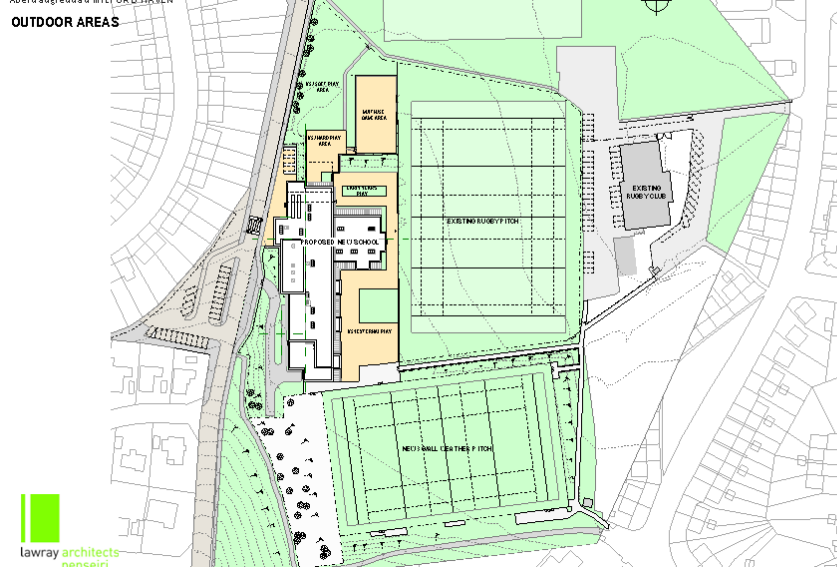


# Gelliswick Church in Wales Voluntary Controlled Primary School



## New Primary School HAKIN / HUBBERSTON

Aberdâr adegeddau MILFORD HAVEN



- The new English Medium Primary School for Gelliswick in Hakin
- Overall Floor Area
    - Early Years Unit
    - Learning Resource Centre
    - Foundation Phase Classrooms, with external play areas
    - Main Hall
    - Community Facilities
    - KS2 Learning Resource Centre
    - KS2 Library
  - Outdoor Areas
    - 3G all weather Sports Pitch
    - Outdoor Learning
    - Social, Informal Play Area
    - Landscaping
    - Car Parking
  - First Floor
    - KS2 Classrooms
    - KS2 Learning Resource Centre

The main objective of the project is to provide a new all through English medium primary school on one site within the Hakin area. This replaces the current two buildings used by Hakin Community School and Hubberston VC School and will enable all learners to access the full curriculum on a single site.

The school will be environmentally sustainable to meet the WG standards and is designed to achieve a BREEAM 'Excellent' rating.

The new school will be both adaptable and flexible in its design, therefore ensuring that any future changes to the curriculum can be delivered. After considering the principles of adjacencies, access and circulation, the resultant proposals show the school on the following floors:

### Lower Ground Floor:

Contains the kitchen and plant areas.

### Ground Floor

Contains the early years unit, learning resource centre and foundation phase teaching spaces all with direct access to external play areas. Linked to these spaces are the main hall, community facilities and staff/admin facilities. The main entrance to the building will be on this floor and will be fully accessible.

### First Floor

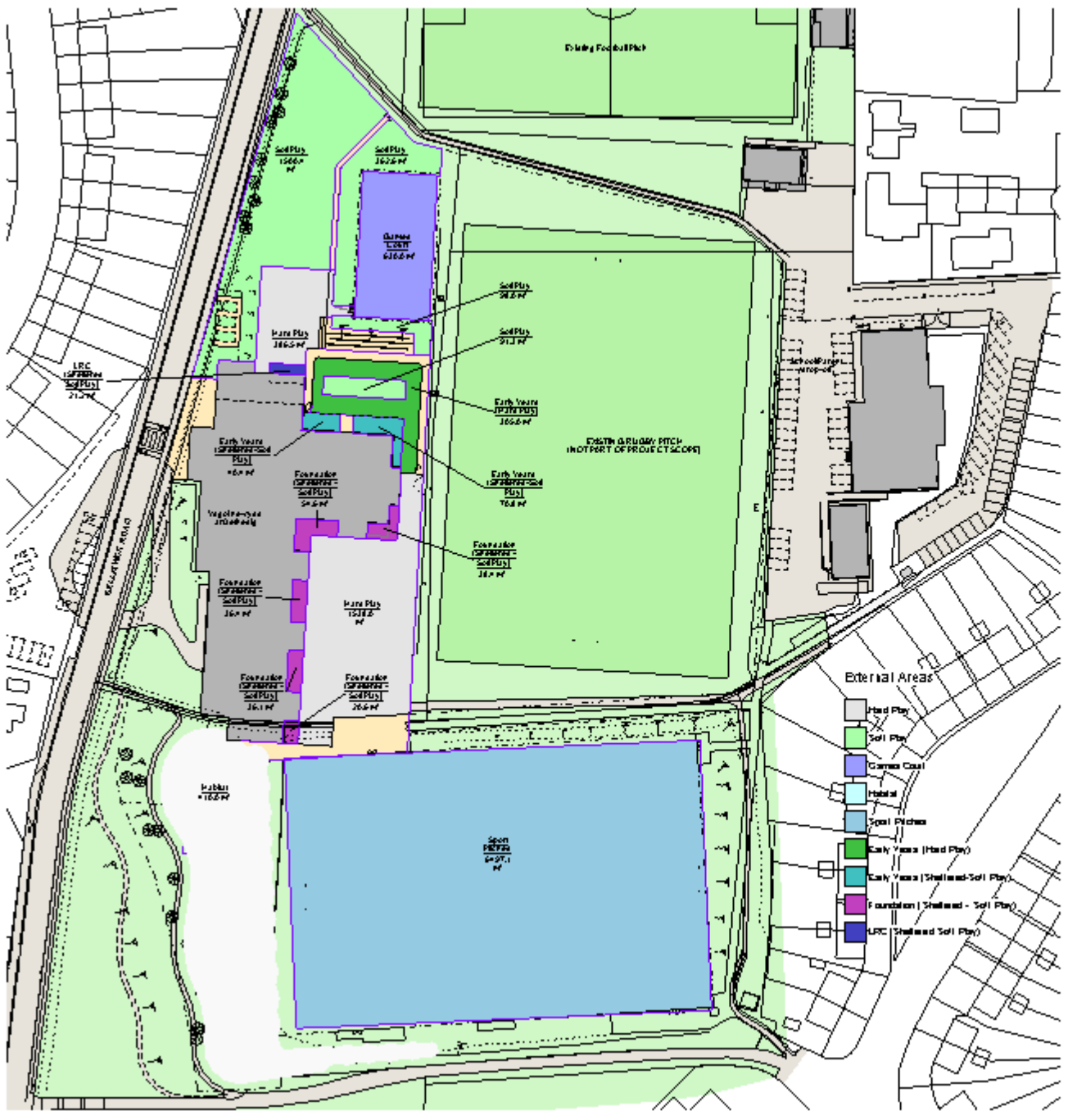
Contains key stage 2 teaching spaces and an additional staff room and KS2 learning resource centre. Graded landscaping leads out from the north entrance to provide direct access to the upper play area and the MUGA court.

External areas of the new school are designed holistically and include a 3G all weather sports pitch, outdoor learning, social, informal play areas, landscaping and car parking.

The levels of the site allows the school to appear lower than the three floors suggest. The main approach from the north and the views from the rugby and football grounds reveal a combination of single and two storey buildings leading out onto the fields. The mass is further reduced by the choice of materials, which breaks the elevations into smaller, identifiable elements, contained under a high spec flat roof construction concealed behind a parapet wall.

Basic Building Costs - £/m2	2248	Area of Circulation – m2	623	Predicted Renewable Energy Generation - KWh/m2	19
Services Costs - £/m2	650	Area of Storage – m2	420	Predicted Water Use – m3/person/year	4.95
External Works - £/m2	2,601	% area of grounds to be used by community	54.22	% predicted water use to be provided by rainwater or greywater	n/a
Gross Floor Area - m2	3,440	% area of buildings to be used by the community	11.7		
Total Area of Site – hectares	2.58	Predicted Electricity Consumption - KWh/m2	115		
Function areas and size – m2	See attached drawing.	Predicted fossil fuel consumption - KWh/m2			

Function Areas and Sizes (m2)



Schedule of External Areas	
Name	Area
Early Years (Hard Play)	825.0 m <sup>2</sup>
Early Years (Shelved-Soft Play)	111.9 m <sup>2</sup>
Foundation (Shelved - Soft Play)	138.1 m <sup>2</sup>
Games Court	828.0 m <sup>2</sup>
Field	4182.0 m <sup>2</sup>
Hard Play	1224.5 m <sup>2</sup>
LPC (Shelved Soft Play)	21.2 m <sup>2</sup>
Soft Play	2352.4 m <sup>2</sup>
Special Pitches	849.1 m <sup>2</sup>
<b>Grand total</b>	<b>12137.8 m<sup>2</sup></b>