

ANIMAL MANAGEMENT CENTRE, ASKHAM BRYAN COLLEGE



CLIENT: Askham Bryan College
PROJECT VALUE: £34 million
PROJECT DETAILS: Construction of two 'Animal Management Centres' with associated external areas, bus parking, conservation and wildlife areas and internal 'theming' and special habitat areas.

As part of a campus redevelopment programme, Portland was appointed to undertake the design of two Animal Management Centres to house teaching facilities for animal welfare, veterinary and zoological focused courses.

Portland was appointed to undertake the full design of the two animal management centre buildings and provide feasibility designs for the future campus developments including an equestrian centre, residential blocks, refectory facilities and teaching farm buildings.

The different architectural forms and uses of the two animal management centres demanded different structural approaches. Animal Management Centre 1 provided a unique open facility created using a mixture of Glulam and steel. The transition of the structure to from internal to externally exposed required careful consideration of the materials in relation to thermal and UV affects. The external structural elements were also used to support a distinct array of photovoltaic panels and solar shading.

Animal Management Centre 2 was designed to create an environment akin to real world facilities to provide a vocational environment. As such a traditional construction type was chosen. External kennels and a hydrotherapy pool also feature.

AMC1 also provided a gateway to the colleges wildlife and conservation park and featured extensive 'theming' created using concrete tanks and walls in the reptile areas. Portland worked with several specialist designers and artists to create the environment.

The project was modelled fully in 3D using Revit and pre-agreed data exchanges were adhered to ensure the project was delivered in the ethos of BIM.

