

Best Public Building

Welsh National Sailing Academy
and Events Centre

Adeiladau Cyhoeddus Gorau

Academi Hwyllo Genedlaethol Cymru a Chanolfan
Ddigwyddiadau

Wynne Construction



As a Centre of Excellence for sail training, this building has been designed as a state of the art facility for sailors at all levels of competence and ability. In addition to the hosting of sailing events of national and international standard the facilities has been configured with the local community in mind, with a large flexible events space for exhibitions and concerts, education facilities and cafe bar areas for inclusive participation. The designers called in Local Authority Building Control at a very early design stage, which ensured that any new design was thoroughly discussed and checked for compliance. By having a close working relationship, it provided an integrated approach to user meeting and wider community consultations throughout the whole briefing, design and delivery process. The BREEAM Excellent building's design has been very much influenced by its context and relationship with the surrounding landscape. Easy access around and onto the building have generated a rotational form which reveals different functions such as the terraces overlooking the bay and marina. Examples of the team's approach to green and sustainable technologies include the use of local stone for the substantial gabion walls, timber and also translucent 'Danpalon' which reduces the need for artificial lighting. Photovoltaic panels and biomass have also been included the servicing strategy. The main contractor also embraced the highly collaborative approach, which included early notification of inspections for Building Control, and meetings to discuss constructions methods and new technologies to be used during construction stage. This philosophy ensured an excellent co-operation between the teams (design stage and construction) delivering a significant project for the community.

Fel Canolfan Ragoriaeth ar gyfer hyfforddiant hwyllo, dyluniwyd yr adeilad yma fel cyfeuster o'r radd flaenaf ar gyfer morwyr o bob safon a gallu. Yn ychwanegol at gynnal digwyddiadau hwyllo o safon genedlaethol a rhyngwladol, lluniwyd y cyfeusterau gyda'r gymuned leol mewn cof, gyda lle hyblyg mawr i gynnal arddangosfeydd a chyngherddau, cyfeusterau addysg ac ardal bar caffi fel bod modd cynnwys pawb. Cysylltodd y dylunwyr gyda Rheolaeth Adeiladu yr Awdurdod Lleol yn ystod y cam dylunio cynnar gan sicrhau fod unrhyw ddyluniad newydd yn cael ei drafod yn drylwyr ac yn cydymffurfio. Drwy gael perthynas waith agos cafwyd dull cyffannol wrth gyfarfod gyda defnyddwyr ac ymgynghori gyda'r gymuned drwy gydol y cyfnod briffio, dylunio a chyflawni. Cafodd dyluniad ardderchog BREEAM yr adeilad ei ddylanwadu yn fawr gan ei gyd-destun a'i berthynas gyda'r tirlun oddi amgylch. Mae mynediad hawdd o gwmpas ac i mewn i'r adeilad wedi creu ffurf cylchdro sy'n dangos gwahanol swyddogaethau fel y terasau sy'n edrych dros y bae a'r marina. Ceir enghreifftiau o ddull y tîm o ddelio gyda thechnolegau gwyrdd a chynaliadwy yn cynnwys defnyddio cerrig lleol ar gyfer y waliau caergewyll sylweddol, pren a hefyd 'Danpalon' tryloyw sy'n lleihau'r angen am olau artiffisial. Cafodd paneli ffotofoltaig a biomas hefyd eu cynnwys yn y strategaeth gwasanaethau. Fe wnaeth y prif gontractwr hefyd ddefnyddio'r dull cydweithio oedd yn cynnwys rhoi gwybod yn fuan am archwiliadau Rheolaeth Adeiladu a chyfarfodydd i drafod dulliau adeiladu a technolegau newydd oedd i'w defnyddio yn ystod y cam adeiladu. Sicrhodd yr athroniaeth yma fod yna gydweithrediad ardderchog rhwng y tîmau (cam dylunio ac adeiladu) gan ddarparu prosiect sylweddol i'r gymuned.

