

Nell Bank Outdoor Centre

Illkley

West Yorkshire

SERVICES: MEP ENGINEERING DESIGN

CLIENT: NOF / CITY OF BRADFORD METROPOLITIAN COUNCIL

PROJECT DESCRIPTION:

The Big Lottery New Opportunities Fund provided the necessary monies to provide an outdoor teaching space, picnic area and additional toilets facilities to Nell Bank Outdoor Centre.

Located near Illkley with outstanding views over the valley towards the famous Cow and Calf Rocks, Nell Bank provides an excellent outdoor adventure and teaching facility for Primary and Secondary schools in the Bradford and Leeds region along with a management training venue for Blue Chip companies.

PrestonBARBER designed the lighting and heating services for the outdoor classroom. The outdoor space was constructed from timber with decking theatre style seating for up to 100 children and incorporated, for the first time at the centre, disabled persons access to a classroom. The canopy incorporated a feature 'chain' downpipe to help to channel the rainwater into a series wildlife ponds on the site where the children are taught the basics of ecology.



A new toilet block was constructed in the style of a log cabin with the use of FSC sourced timber and incorporated solar thermal panels for the generation of hot water for the showers and hand wash facilities. A display panel demonstrates

to the children how the energy from the sun ultimately heats the hot water for the showers.



Finally a Picnic Space was created, obviously there wasn't a big demand for any services in a Picnic area but we did provide a tap for washing off those muddy boots!

This project won the National Lottery award for "Britain's Best Environmental Project" at the 2008 ceremony.

SERVICES PROVIDED:

Mechanical

- Domestic water services
- Extract Ventilation
- Solar thermal water heating

Electrical

- General & Decorative Lighting
- Small Power Installation

Public Health

- Above ground drainage
- Below ground drainage

LEISURE SECTOR

TYPE: NEW BUILD

VALUE: £0.3M

DESIGN TEAM:

Architect -
DSP Architects, York

Structural Engineer -
Bland & Swift, Leeds

Client
New Opportunity Fund /
City of Bradford

Main Contractor
Lotus Construction
Otley

Project Manager
EC Harris, Leeds



Building Services
Consultants

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