

Castlepoint
Bournemouth
Kier Infrastructure

BIG Biodiversity Challenge Award category: Temporary Award

Project overview

The circa £75million project at Castlepoint is the demolition and re-building of an existing car park adjacent to numerous shopping facilities (40 stores and restaurants). As this car park is the only source of parking the re-build process is to be carried out in phases so as to keep all the shops operational.

Due to its complexity the project will take 5 years and require input from many different subcontractors and individuals.

The car park in 2003 but due to numerous defects Kier have been maintaining the car park ever since.

What were the biodiversity conditions on site, prior to the enhancement?

Except for some precious soft landscaping biodiversity was virtually non-existent due to the nature of the contract (i.e. RC car park).

Were there any specific conditions that led to you carrying out this work?

As a consequence of carrying out maintenance work on the car park we normally create a lot of waste. This is usually sent to tip or recycled, were possible.

Kier's Environmental week was approaching so the project team decided that this was a perfect opportunity to embrace and increase our re-use of waste products. So we opted to make a 'bug hotel' for the car parks landscape areas.

This reduced the amount of waste being disposed to tip and provided much needed habitat for the local 'bugs'



Site team with the completed Bug Hotel in the Sainsbury Landscape Void

What were the biodiversity measures taken?

As we work in close proximity to the public our work can cause disruption. We therefore decided to give something back to the environment so we created a bug hotel.

The bug hotel was created using waste materials acquired through the construction works and landscaping activities, namely, pallets, bricks, plastic pipework, timber, stone and vegetation.

The completed hotel was then placed within one of the landscape areas of the car park. This helped provide a focal point with which the general public could interact. A living/working structure in bio diversity terms.

Many bugs now occupy the hotel, a number of which moved in before the hotel was even complete.

We are also getting numerous advanced bookings being made via 'the world wide web' !



Bug Hotel being constructed.

How would you best describe the project?

An enhancement

Further information

Since the bug hotel a number of other projects have now been completed using waste materials. These mainly being planting areas and various bird and bee houses.

What was your personal motivation for carrying out the enhancement?

To give something back to the environment, the shopping centre and provide an object by which we can engage with the public.



Bug Hotel showing a diverse range of materials used in the construction