

Principal Place Commercial Shoreditch, London

Brookfield Multiplex Construction Europe

BIG Challenge 2015 submission category: Most innovative

Project overview

This project is a new build commercial office and retail development, built on and old industrial site.

This is on the boundary between Shoreditch and City of London. The site has approx. 250 staff working on it with an approx. project value of £200m.

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

As the new building is being constructed on the footprint of an existing building, there was very little biodiversity prior to the enhancement. This was also confirmed by an ecologist's survey.

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

None.

What were the biodiversity measures taken?

We created a garden on site for the workers with plants to encourage bees and birds.

There is also a sedum/green roof on the shelter in the area to enhance biodiversity.



Photo: Garden entrance

The idea of creating a space on site for biodiversity that is also a smoking area is replicable on many sites.

Though a temporary measure, many of the plants will be given away once construction has finished.

The idea of a sedum roof on a smoking shelter is innovative as within our knowledge, it has never been done before.

The idea for the green roof was the winner of a competition set up on site by the Sustainability Advisor, Ama Seery, open to Brookfield Multiplex staff and their sub-contractors.

The winner, was Stephen Phillips with Clipfine (logistics contractor) agreeing to install the green roof.

How would you best describe the project?

An enhancement.

Further information

The garden and sedum roof has been the brain child of Stephen Phillips with installation being done by our subcontractors Clipfine.

There have been bees spotted around the garden. The space is being used as a smoking area and a vaping area on site.

One of the lessons we learnt was to create a vaping/non-smoking area.

The garden was such a success, we had create areas that were for non-smokers and vape users so that they could enjoy the space.

What was your personal motivation for carrying out the enhancement?

This project was undertaken primarily as a means of making the site more visually appealing during construction.



Photo: Garden shelter