



**the BIG  
Biodiversity  
Challenge**  
*do one thing*

## **HERON HOUSE**

**1 LINCOLN SQUARE, MANCHESTER, M2 5NL**

**MANCHESTER CITY COUNCIL - KIER CONSTRUCTION NORTHERN**

## **BIG Biodiversity Challenge Award Category: Small scale**

### **Project overview**

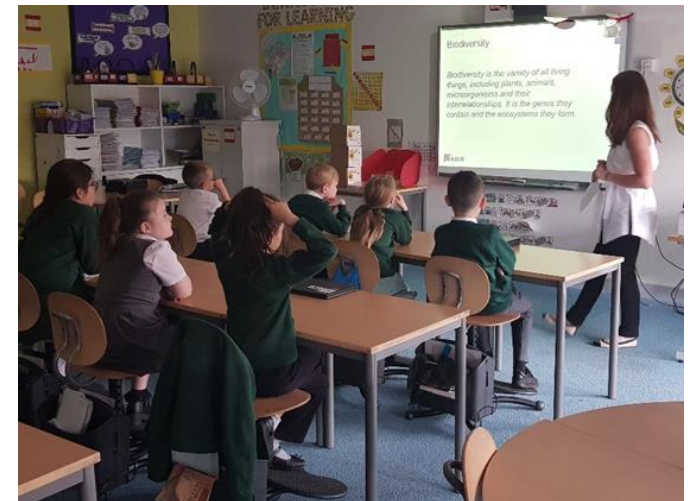
Refurbishment of existing 6 storey office block in central Manchester with live occupants.

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

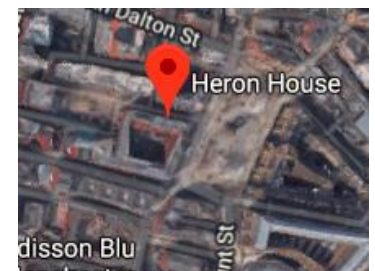
- The surrounding land use to the site is generally within an urban setting comprising primarily residential with commercial properties in all directions.
- There are no ecological features on site that would require protection. It is located next to Albert square.
- The site sits within Flood Zone 1 - this will be shown on the EA flood map.
- There are no significant environmentally sensitive sites within 250m of the site.

### **What were the reasons behind it?**

Ecology enhancement of the area as part of the BREEAM and Considerate Construction Scheme, also client motivation for improving the courtyard to create a better and more comfortable place of work.



*Biodiversity presentation*



*Site Aerial Photograph*

### What were the biodiversity measures taken?

Some trees outside the site perimeter line had to be pruned in order to be able to install the external scaffold around Heron House building.

The building is within a recognised conservation area in Manchester therefore the City Council's arboricultural staff visited the site and inspected the trees granting permission to carry out all the work by a competent contractor in accordance with British Standard BS 3998 "Recommendations for Tree Work".

In the courtyard there is a small area with a tree and some plants not very well look after. No works have been carried out next to them and at the moment remain the same. The idea is to create a nicest area friendly for pollinators to enhance the biodiversity of the city centre.

### Further information


The session was as follows:

- Bio Diversity Presentation 45 min carried out the 20th of June
  - Habitat Matching Game
- Bee training session
- Design of Bee Hives (see template attached)
  - Pupil presentations of their designs

We then left 4 number of bee hives with the art teacher / students to complete in your own and we return at a later date with either Kieran or Kiera the company mascots to choose the best bee hives to go on site.

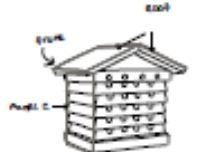
We would get the pupils on to site in September 2018 for a site visit and to help us fill the planter with bee, butterfly and insect friendly plants to complete the whole eco- programme.

### Design a beehive competition



Panel A

Use the space below to come up with a design for the beehive. If your design is a winner, we will use it to decorate the beehive.




Panel C

Roof

<p>Panel A</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Panel B</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Panel C</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>Roof</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

Name: \_\_\_\_\_ Age: \_\_\_\_\_  
 Parent/Guardian: \_\_\_\_\_  
 Contact number: \_\_\_\_\_



Bee hive design template

### Project Team

- Manchester City Council
- River View Primary School
- Kier Construction Northern

### What was the motivation for carrying out the enhancement?

Support the community, create a nice working environment and engage with future generations working along with council initiatives as The Bee in the City Campaign will be in place and it would offer the pupils of the River View, Eco Committee the opportunity to see the bees and follow part of the trail.



*Eco committee River View Primary School*