

Robin (open fronted) Box
Quantity: 4

Installation: To be installed onto retained, mature trees at the site between 1.5 to 3 metres above ground level. Boxes should be positioned facing north to east to minimise exposure to harsh winds and prolonged sunlight. Positions impeded by branches to be avoided to minimise risk of predator such as by domestic cats, and to avoid likelihood of obstruction at the box entrance.

Bird nest boxes to be installed in accordance with <https://www.bto.org/sites/default/files/u15/downloads/publications/guides/nestbox.pdf>

Suitable Products: Vivara Pro Barcelona WoodStone Open Nest Box (Insert 1); or 2H Schwegler Open Fronted Nest Box (Insert 2)

Suppliers: www.nhbs.com; or www.wildcare.co.uk



Small Bird Nest Box
Quantity: 4

Installation: To be installed onto retained, mature trees at the site at least 3 metres above ground level. Boxes should be positioned facing north to east to minimise exposure to harsh winds and prolonged sunlight. Positions impeded by branches to be avoided to minimise risk of predation, such as by domestic cats, and to avoid likelihood of obstruction at the box entrance.

Bird nest boxes to be installed in accordance with <https://www.bto.org/sites/default/files/u15/downloads/publications/guides/nestbox.pdf>

Suitable Products: 1MR Schwegler Avianex nest box (Insert 3); or Vivara Pro Seville 28mm WoodStone nest box (Insert 4)

Suppliers: www.nhbs.com; or www.wildcare.co.uk



Tree Mounted Bat Box
Quantity: 7

Bat boxes should be installed to the following guidelines (Bat Conservation Trust, 2016):
a. At least 4 metres above the ground (where safe installation is possible);
b. Sheltered from strong winds and exposed to the sun for part of the day (usually south or south-west). Ideally several bat boxes will be installed to provide a variety of different thermal options for bats. Grouping a number of boxes each with a different aspect can achieve this; while a number of boxes is preferable to one, a single box is still viable and may be used by roosting bats;
c. Located close to unlit linear features, such as lines of trees or hedgerows; and
d. Installed where the bat box entrance is not cluttered or impeded by branches, or accessible to predators (such as cats) by large branches underneath them.

Suitable Product: Greenwood's Ecohabitats Single Crevice Bat Box (Insert 5)

Suppliers: www.greenwoodsecohabitats.co.uk



Bat Access Panels (Integrated)
Quantity: 14

Bat boxes should be installed at least 4 metres above ground level beneath the eaves or gable apex onto or integrated to elevation walls of the properties. Positions directly above windows or doorways to be avoided to minimise nuisance via droppings.

Suitable Product: Istock Enclosed Bat Box 'B' or 'C' (Inserts 6, top and 7, bottom)

Suppliers: www.nhbs.com



House Sparrow Nesting Terrace and Starling Nest Boxes

Quantity: 5 of each

Installation: To be installed onto or integral to properties at least 2 metres above ground level. Positions directly above windows or doorways to be avoided to minimise nuisance via droppings. Boxes should be positioned facing north to east to minimise exposure to harsh winds and prolonged sunlight.

Suitable Products: Vivara Pro House Sparrow Nest Box (Insert 8, left) and Vivara Pro WoodStone Starling Nest Box (Insert 9, right)

Suppliers: www.nhbs.com; or www.wildcare.co.uk



Plot No.	Box type	Aspect
7	Bat access panel	South-west
16	Bat access panel	South
22	House sparrow nesting terrace	North
30	Swift nest box	North
32	Bat access panel	South
58	Swift nest box	East
60	Bat access panel	South
80	Starling nest box	East
90	Starling nest box	North-east
98	Starling nest box	North
99	Swift nest box	North
100	Starling nest box	East
104	Bat access panel	South
107	Bat access panel	South
110	House sparrow nesting terrace	North
172	Bat access panel	South
175	Bat access panel	South
181	House sparrow nesting terrace	East
183	Swift nest box	East
185	Bat access panel	South
191	Bat access panel	South
192	House sparrow nesting terrace	North
197	Bat access panel	South
198	Bat access panel	South
204	Swift nest box	North
206	Starling nest box	South-east
212	House sparrow nesting terrace	South-east
214	Bat access panel	South-east
221	Bat access panel	South-west

Swift Nest Boxes
Quantity: 5

Swift nest boxes should be installed at least 4 metres above ground level beneath the eaves or gable apex onto or integrated to elevation walls of the properties. Positions directly above windows or doorways to be avoided to minimise nuisance via droppings.

Suitable Product: Vivara Pro Cambridge Swift Nest Box (Two parts: Inserts 10 and 11)

Suppliers: www.nhbs.com



Key to Map Symbols

- Site boundary
- Robin (open fronted) box
- Small bird nest box
- Tree mounted bat box
- Bat access panel
- Starling nest box
- House sparrow nesting terrace
- Swift nest box

Figure 1:
Plan to Show Location and Specification of Bird and Bat Boxes

Project Name:
Land at Northenden Campus, Sale Road, M23 0DD

Central Grid Ref: SJ 8212 9029
Reference No. ERAP Ltd. 2020-272

Version & Date:
v4 (CH) 16/11/2021

Scale: 1:2,000 at A3



2:\Current Job\2020\2020-272 Northenden - Manchester College, Sale Road, Manchester\5. Map\ERAP Map template 1.cps