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Bird Box Scheme
Hurst Green
Clitheroe
Lancashire

Landscape Architects ■ Urban Designers ■ Ecologists ■ Horticulturists

CONTENTS

1.0	INTRODUCTION.....	1
2.0	PROPOSED BIRD BOXES.....	2
	Appendix 01: Figure 02: Location of bird boxes.	5

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I.0 INTRODUCTION

Smeeden Foreman Limited has been commissioned by Hillcrest Homes to provide a bird box scheme in regards to their proposed development off Whalley Road, Hurst Green (central grid reference SD 6869 3804).

This has been produced to comply with condition 6 of the planning permission.
Planning reference: 3/2012/0964/P.

Condition 6: No development shall take place until details of the provisions to be made for artificial bird (species) nesting sites/boxes have been submitted to and approved in writing by the Local Planning Authority. The approved works shall be implemented in full before the development is first brought into use, unless otherwise agreed in writing with the Local Planning Authority.





Figure 01: Aerial photograph showing approximate site boundary.


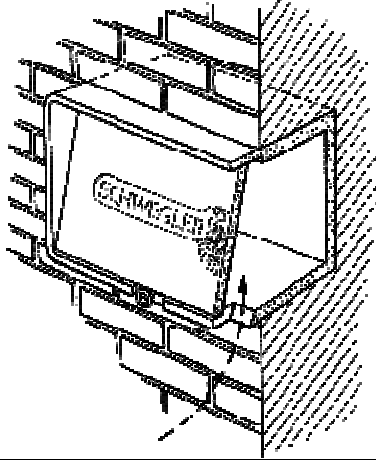

The following details the proposed bird box scheme for the site, which aims to enhance the site in terms of nesting birds. This includes recommended bird box type, number and location of boxes within the site, and recommended maintenance once installed, if required.

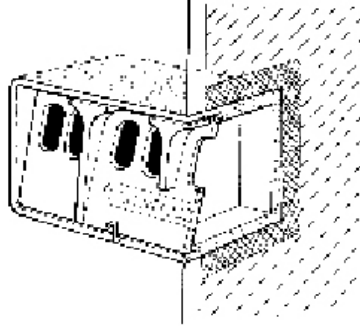
2.0 PROPOSED BIRD BOXES

The proposed bird boxes with specification details are included in *Table 01* (below). Refer to *Figure 02* appended for bird box locations.

Table 01: Bird boxes

TYPE 1	
Model	Schwegler General Purpose Nest Box 1B (entrance hole 32mm)
	
Number	1
Description & Installation	Ideal for small hole nesting birds such as great tit, blue tit, coal tit, tree and house sparrow. With trees, fixing height is between 1.5 and 5 metres above the ground. Installed to face between north and east, unless shaded. Can be hung from wall or tree and is supplied with aluminium nail.
Dimensions	260h x 170w x 180d
TYPE 2	
Model	Schwegler Deep Nest Box 1N
	
Number	1
Description & Installation	This box is suitable for use by bird species such as house sparrows, tits, robins and wrens and offers excellent protection against predators such as magpies. These boxes should be positioned out of direct sunlight, generally between north and south-east, away from prevailing winds and angled slightly downwards so that rain is directed away from the entrance hole. The boxes should be erected at a height of between 1.5 to 5.5m. Robins are particularly attracted to this type of box, especially if it is placed approx. 1.0 to 1.5 m above the ground, preferably in a moist, shady area.
Dimensions	20h x 20w x 30d

TYPE 3		
Model	Schwegler No. 16 Swift box	 
Number	4	
Description & Installation	<p>The box is specifically designed to attract swifts. This nest box can be installed within an external wall (to a maximum depth is 17cm in order to prevent the underneath entrance hole being blocked). It can also be attached to the surface of an external wall using an optional fixing bracket.</p> <p>The box can be painted, if desired, using standard air-permeable external wall paint.</p> <p>The box should ideally be installed 6-7m above ground with unobstructed access. A clear distance (drop) below the box is recommended, preferably 5 m or more. If possible site boxes under the shelter of eaves or over hanging roofs.</p> <p>Whilst cleaning and inspection is not necessary, the box can be easily accessed by removing the front panel, but must only be accessed outside the breeding season (March to August inclusive).</p>	
Dimensions	External dimensions: 24 x 43 x 22cm Weight: 1.1kg	
TYPE 4		
Model	Schwegler ISP Sparrow terrace	

		
Number	4	
Description & Installation	<p>Sparrows are social birds and like to nest in colonies. This terrace provides ideal nesting opportunities for three families.</p> <p>The box can be fixed on to the surface of a wall or incorporated into the wall.</p> <p>The box should be installed 2 metres or more above the ground with unobstructed access. A clear distance (drop) below the box is recommended, preferably 5 m or more. If possible site boxes under the shelter of eaves or over hanging roofs.</p>	
Dimensions	External dimensions: 24.5 x 43 x 20cm Weight: 15kg	

Timing of bird and bat box installation

Bird boxes which are to be installed onto the new buildings should be installed prior to the occupation of each dwelling.

Proposed Lighting

Bird boxes should be located away from proposed street lighting to ensure they are attractive to birds. The boxes on buildings should be sited towards the wall tops, so they are unlikely to be affected by security lighting, which may be installed once the properties become occupied; such lighting is likely to be installed at a lower level so should not illuminate the boxes.

Maintenance

Boxes should be checked and/or cleaned yearly outside the breeding season, (March – August, inclusive), where necessary broken/missing boxes should be replaced.

Appendix 01: Figure 02: Location of bird boxes.

