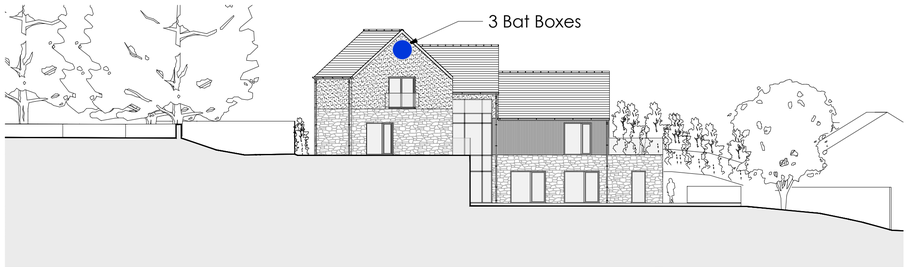
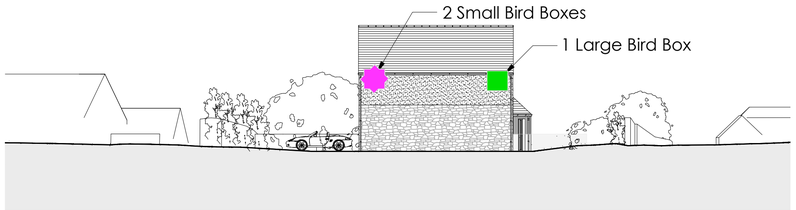
Original Size A1

GENERAL NOTES



PROPOSED SOUTH ELEVATION



PROPOSED WEST ELEVATION

KEY

- WoodStone open nest box
- Vivara pro WoodStone bat box
- WoodStone Bilbao nest box

BATS
A total of three Bat Boxes are to be located on the building. To Bat Conservation Trust guidance at least 4m above the ground, away from artificial light sources, and sheltered from strong winds and exposed to the sun for part of the day (usually south, south-east or south-west).

BIRD BOX
A total of three bird boxes have been located on the west elevation away from continues direct sunlight. Two types of boxes have been provided one with a larger opening for predominantly larger birds and two boxes placed together for smaller birds.

See outline specification details below.

PROPOSED SITE PLAN

0 5 10 15 20 25 30 35 40 45 50m

Woodstone® Bilbao Nest Box 28mm

Stock code	*90736*
Dimensions (b x h x d) (cm)	*21 x 30.5 x 19*
Inner Dimensions (b x h x d) (cm)	*12 x 24 x 12*
Weight (kg)	*ca. 6*
Colour	*Brown/Black*
Hole Size	*28mm*
Material	*Woodstone®*
Wildlife (species)	*Blue Tit, Coal Tit*
Wildlife (general)	*Tits*

Description

Constructed from a mix of concrete and wood fibres, WoodStone® nest boxes safeguard against attacks from predators including woodpeckers, cats and squirrels. The material insulates the nest which creates a more consistent internal temperature than an ordinary wooden box. This is especially important during the breeding season and ensures that young birds have a greater chance of survival. The 28mm hole will be used by Tree Sparrows, Blue Tits, Coal Tits and Great Tits.

This product is comparable to the Schwegler Nisthöhle 1B. (Schwegler Nest Box 1B)

Siting

Hang the nest box with the supplied screw or nail. Face the box somewhere between northeast to southeast, ensuring it is not in the sun all day. No nesting material needs to be added.

Hang the nest box at a minimum height of 2 meters in the desired location (tree, fence, house).

Optional;
The nest box can also be attached to a tree without a nail or screw by means of a Velcro. To do this, turn the suspension bracket 180 degrees at the rear.

Maintenance

Clean the nesting box once a year when the youngsters have flown out, for this you turn the two screw hooks at the front 180 degrees, the front of the nest box can then be removed. If a second brood follows, the nest box must be cleaned again in the late autumn. The reliability of the suspension must also be checked annually.

Vivara Pro Harlech WoodStone® Bat Box

Stock code	*91447*
Dimensions (b x h x d) (cm)	*15 x 27.5 x 16*
Inner Dimensions (b x h x d) (cm)	*11 x 19 x 11*
Weight (kg)	*4*
Colour	*Grey/Black*
Material	*Woodstone®*
Wildlife (species)	*Daubenton's bat*

Description

There are various bat species that can use this bat box, this depends on the species that occur locally and where the bat box is hung. The box will be used during the summer and in mild winters for roosting and shelter.

The box has been designed in conjunction with wildlife experts and includes a single narrow cavity making it ideal for crevice roosting bats. The box is made using sustainable materials and no chemical additives are using during production.

Our unique WoodStone® material offers good thermal insulation and therefore creates a more stable internal temperature and rough surface to ensure bats have enough grip to access the box. In addition to creating optimal conditions within the box, WoodStone® habitats also help protect inhabitants from predators.

Bats need to increase their body temperature before flight so prefer warm roosting spots, which is why many of our bat boxes have a black exterior to absorb heat from the sun.

Siting

The bat box can be placed on both a tree or a façade. Preferably choose a sunny spot but do not place the cabinet under or in artificial light, and avoid placing where the rain can directly access the box.

Hang the bat box with the supplied screws. In the back of the box there is a "keyhole" where the mounted screw can be hooked. The pre-drilled hole in the landing board allows you to secure the bat box. Preferably hang several boxes together. When placing in bunkers, cellars, attics and stables, place the boxes as high as possible against the façade or posts, they should be hung at a minimum height of 3 metres (approx 10ft).

WoodStone® for life.....

WoodStone® nest boxes are constructed from a mix of concrete and wood fibres (FSC certified). This mix of materials provides:

- Excellent insulating properties which give a more consistent internal temperature – vital for incubation and brood survival
- A durable exterior which makes the boxes resistant to all weather conditions and predators such as squirrels & larger birds
- The breathable material reduces condensation and prevents rotting
- WoodStone® boxes from Vivara Pro are guaranteed for 10 years

Woodstone® Barcelona Open Nest Box

Stock code	*90662*
Dimensions (b x h x d) (cm)	*19 x 25.5 x 17*
Inner Dimensions (b x h x d) (cm)	*11 x 19 x 12*
Weight (kg)	*3.55 approx*
Colour	*Grey/White*
Hole Size	*Open*
Material	*Woodstone®*
Wildlife (species)	*Black Redstart, Pied Wagtail, Redstart, Robin, Wren, Yellow Wagtail*
Wildlife (general)	*Other Songbirds, Redstart, Wagtail*

Description

Constructed from a mix of concrete and wood fibres, WoodStone® nest boxes safeguard against attacks from predators including woodpeckers, cats and squirrels. The material insulates the nest which creates a more consistent internal temperature than an ordinary wooden box. This is especially important during the breeding season and ensures that young birds have a greater chance of survival. These open nest boxes will be used by Robins and Wrens (if well hidden), Spotted Flycatchers, Pied and Grey Wagtails, Song Thrushes and Blackbirds.

This product is comparable to the Schwegler Halbhöhle 2H. (Schwegler Half Caves 2H)

Siting

Hang the nest box with the supplied screw or nail. Face the box somewhere between northeast to southeast, ensuring it is not in the sun all day. No nesting material needs to be added.

If it is likely the box will be use by a Robin or Wren, place the nest box at a height of one meter in dense bush or ivy hang somewhat concealed. If placing in a forest area, hang the nest box at a minimum height of two meters, and if in an urban or industrial area, place the nesting box preferably under eaves, overhangs or carports.

Optional;
The nest box can also be attached to a tree without a nail or screw by means of a Velcro. To do this, turn the suspension bracket 180 degrees at the rear.

Maintenance

Clean the nesting box once a year when the youngsters have flown out, for this you turn the two screw hooks at the front 180 degrees, the front of the nest box can then be removed. If a second brood follows, the nest box must be cleaned again in the late autumn. The reliability of the suspension must also be checked annually.

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All works carried out in accordance with the latest British Standards and Codes of Practice unless specifically directed otherwise in the specification.

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Refer to the relevant Construction(Design and Management) documentation where applicable.

Is is assumed that all works on this drawings will be carried out by a competent contractor, working where appropriate to an approved method statement.

Revision	Date	Description	By	Check

Purpose of Issue
FOR DISCUSSION

Client
MR & MRS GANE

Project
PROPOSED NEW DWELLING
MILTON HILL,
LLANWERN VILLAGE, NEWPORT

Drawing
PROPOSED BIRD AND BAT BOX POSITIONS

Scale @ A1	Drawn	Checked	Approved
1:200	SH	IDW	-

Project No.	Drg No.	Revision
1990	PL12	

Date
MARCH 2024

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