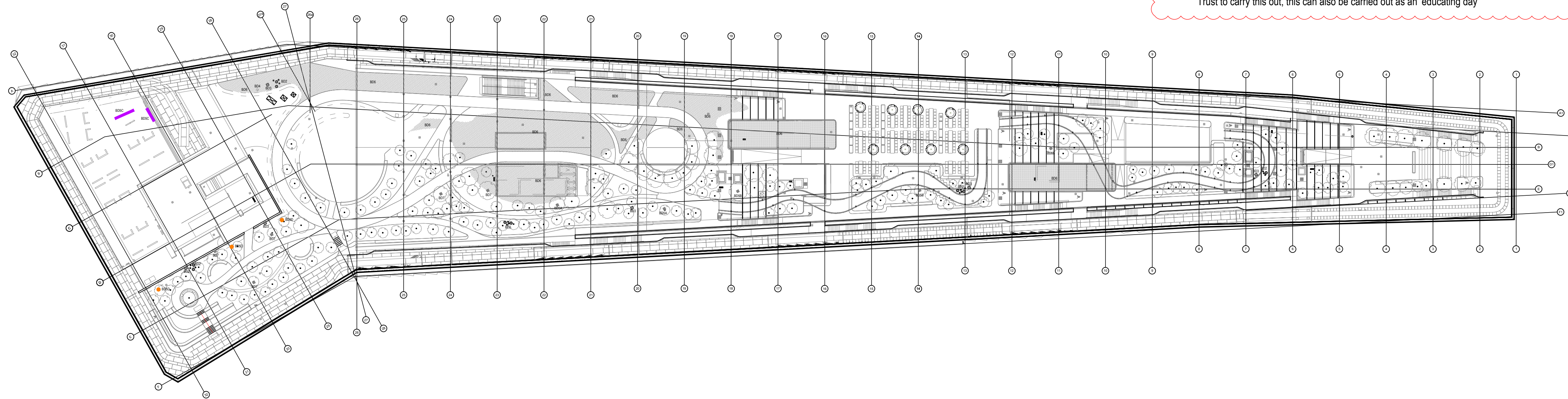


NOTES:
1.0 Do not scale from drawing, use figured dimensions only
1.1 All dimensions to be checked onsite
1.2 This drawing to be read in conjunction with all other Gillespies drawings and specifications
1.3 For General Arrangement Landscape Plan, refer to KXC-A-001-L-GIL-00-11201
1.4 For Roof Landscape Specification, refer to KXC-A-001-L-GIL-90-SP001
1.5 Refer to Mott MacDonald's KGX1 Landscape and Habitat Management Plan (KXC-A-001-X-MOT-XX-RP006) for further information on Biodiversity measures
1.6 Refer to Mott MacDonald's KGX1 BREEAM & LEED Report (KXC-A-001-X-MOT-XX-RP005) for further information on BREEAM & LEED

C01
CRF1392

Fit out stage items: (NMC to Cat A)

- We would suggest that the wildflower mat that will be installed on the green roof be produced and species selected along with the London Wildlife Trust's recommendations. We are also keen on installing further dead wood, brick structures and sand piles on these roofs. This will be carried out during fit out stage
- New planting areas should incorporate habitat features that are designed and managed to create habitat for invertebrates. These should be placed in suitable locations across the roof, where they will not be disturbed by straying feet. Features and management to include: on dry south-facing slopes, use Thanet sand as a mulch to provide nesting opportunities for solitary bees; erect standing dead-wood within planting beds to provide nesting sites for blue-tits and attract bees and wood boring invertebrates; and in shady areas (e.g. in the woodland and below wide-canopy trees) install untreated log piles to provide homes for ladybirds and other insects that will also help with controlling aphid numbers.
- Location of the bird and bat boxes to be carried out during the fit out process with the likes of the London Wildlife Trust to carry this out, this can also be carried out as an 'educating day'



BD2 - Deadwood logs



Installation should be supervised by the Biodiversity Champion

BD3 - Bug hotels



Recommended designs for insect houses and hotels for this site include:
- Schwegler Insect House for Solitary Insects (at least two recommended for installation);
- Schwegler Reed Insect Block (at least two recommended for installation);
- Schwegler Insect Combi (at least one recommended for installation);
- NHBS Small Insect Hotel (at least one recommended for installation); and
- NHBS Elegance Insect Hotel (at least one recommended for installation).
Minimum 7

BD4 - Bee hives



<https://www.paynesbeefarm.co.uk/cedar-wood/complete-national-cedar-hive/> (or similar & approved)

BD5A - House Sparrow boxes



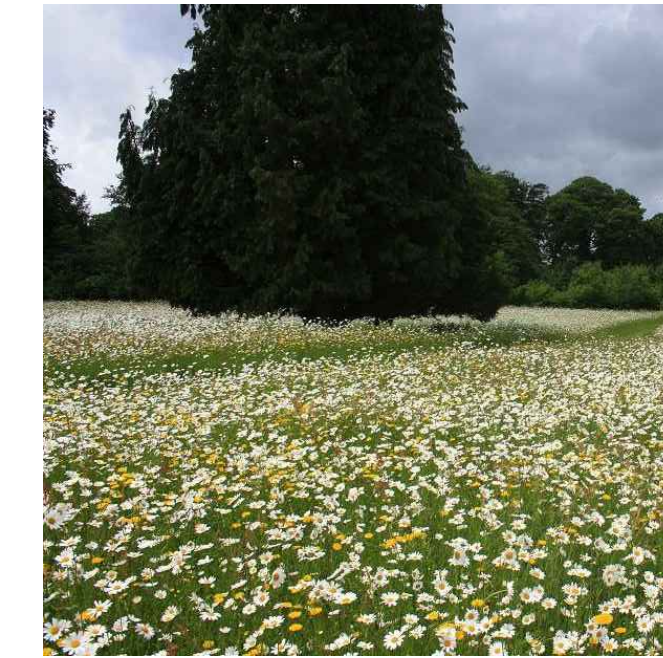
Boxes must be:
- placed in mature or semi mature trees
- sheltered from strong winds and direct sunlight
- facing between north and east
- in groups of two or three depending on trunk diameter, at varying heights and aspects
- between 2-4m up the trunk
- Minimum 5 boxes in total
Recommended designs for house sparrow boxes include:
- Schwegler 1B Hole Nest Box
- 2m Schwegler Nest Box
- Schwegler Avianex 1MR Nest Box

BD5B - Starling boxes



Boxes must be:
- placed in mature or semi mature trees
- facing north or east;
- between 2.5-4m up the trunk;
- grouped with two boxes on one tree at varying heights and aspects where tree diameter large enough.
- Minimum 5 boxes in total
The 3S Schwegler Starling Nest Box is recommended for installation on this site

BD6 - Wildflower meadow



Refer to Planting Schedule KXC-A-001-L-GIL-91-SH004 and Planting Plans KXC-A-001-L-GIL-91-11202 - KXC-A-001-L-GIL-91-11206

BD7 - Bat boxes



Boxes must be:
- placed in mature or semi mature trees
- south-westerly and south-easterly orientations
- in groups of two or three depending on trunk diameter, at varying heights and aspects.
- Minimum 10 boxes in total
Recommended designs for bat boxes include (varied designs preferred):
- 1FF Schwegler Bat Box;
- 2F Schwegler Bat Box with Double Front Panel;
- Habitat 017 External Access Box; and
- Habitat Triple Chambered Access Box.

BD5C - Swift boxes

Due to restrictions on the facade envelope these have had to be placed in the North Shed area.
Boxes must be:
- fixed to posts on beams
- situated on northern facade of building
- out of direct sunlight
- away from climbing plants
- below an overhang with a clear drop of at least 5m below
Minimum 10 boxes in total
Recommended designs for swift boxes include:
- No. 16 Schwegler Swift Box;
- No. 17 Schwegler Swift Nest Box (Single Cavity);
- No. 17B Schwegler Swift Nest Box (Single Cavity); and
- Schwegler Tripe Cavity No. 17A (triple cavity means box number could be reduced to four)

BD5D - Black Redstart boxes

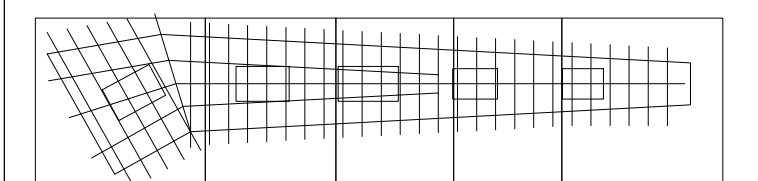
Boxes must be:
- sited on trees or against outside walls 3m - 10m above the ground
- siting the box between northern and eastern aspect to shelter it
Minimum 3 boxes in total
Recommended designs for swift boxes include:
- 2HW Schwegler nest box

C01	For Construction (CRF 1392)	SH	AM	20.08.20
T04	For Tender (CRF 501 & 516)	SH	AM	31.03.20
T03	NMC - Relocation of bird boxes	SH	AM	19.12.18
T02	For Tender	SH	AM	27.02.18
T01	Stage 4 Issue	SH	AM	15.12.17

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FOR CONSTRUCTION

Date:	15/12/17
Project No:	P2007133
Scale:	1:500
Size:	A1
Drawn:	SH
Checked:	AM
Drawing No:	KXC-A-001-L-GIL- 00-11207
Rev:	C01

