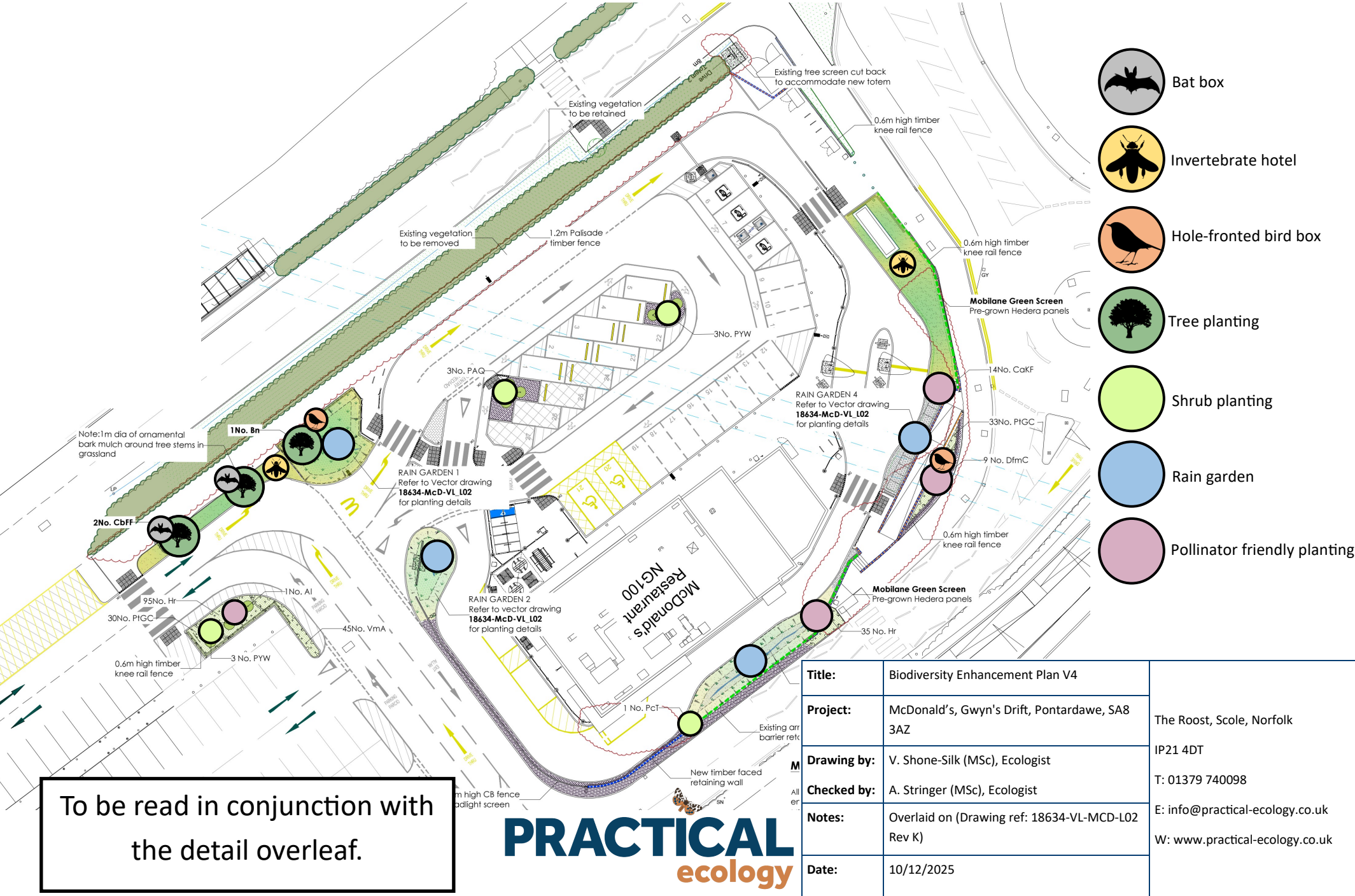


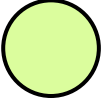
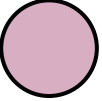
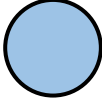
Biodiversity Enhancement Plan



To be read in conjunction with the detail overleaf.

PRACTICAL
ecology

Biodiversity Enhancement Plan

Key				 		
Feature	Bat Box	Hole-Fronted Bird Box	Solitary Bee / Invertebrate Hotels	Pollinator Friendly Planting / Shrub Planting	Tree Planting	Rain Garden
Purpose	Bat box to provide roosting habitat for crevice-dwelling bats.	Enhance nesting opportunity for small passerine birds.	Enhancement offering potential nesting sites for solitary bees, such as mason bees and other invertebrates.	Enhancement offering a source of pollen and nectar and shelter for invertebrates.	Specimen tree which will also enhance the Site for wildlife, providing shelter and foraging habitat for birds and invertebrates.	As part of onsite drainage fulfilling biodiversity and amenity pillars of SuDS, providing flowering plants and shelter in damp ground. Rain gardens can be planted to attract a range of pollinator species, creating a range of foraging and shelter opportunities for a range of invertebrates.
Installation	To be mounted on trees, or pole mounted, at least 4m above ground level, south or southwest facing, with unobstructed entrance and clear line of flight.	To be mounted on tree, or pole mounted at least 3 m high, facing north or east and with a clear line of flight. Boxes can be cleaned out once a year between October and February when no active nest is present.	Bee / invertebrate hotels should be placed in a warm, sunny spot, south facing, ensuring no vegetation is obstructing them. They can be pole mounted or fixed to wall/fence. Invertebrate hotels do not need cleaning or maintaining but will degrade overtime (2-3 years) due to being built out of untreated materials.	Planting should be as suggested for specific species. Further information can be found in the landscape plans for the Site. Maintenance specific to the selected plants, a selection is included below, however other options are available.	Tree pit of 1.2x1x1m over suitable loosened subsoil and square holes to promote root growth. Topsoil backfill with any required ameliorates. Tree anchors to stabilise the tree. Suitable feed on planting, and regular watering until established should all be undertaken.	Planting should be as suggested for specific species. Maintenance specific to the selected plants and detailed in Landscape Plan. No watering should be needed once established. Watering may be needed during extended periods of hot and dry weather or drought conditions.
Example Specification	Tree mounted: WoodStone® Beaumaris Bat Box Midi Pole mounted: Eco rocket bat box Or suitable alternatives.	https://www.nhbs.com/vivara-pro-seville-32mm-woodstone-nest-box Or suitable alternative.	https://www.wildcare.co.uk/insect-block.html https://www.nhbs.com/national-trust-apex-insect-house Or suitable alternative.	<i>Calamagrostis x acutiflora</i> 'Kari Foerster', <i>Hebe rakaiensis</i> , <i>Pachysandra terminalis</i> 'Green Carpet', <i>Dryopteris filix-mas</i> 'Crispa', <i>Vinca minor</i> 'Argenteo variegata', <i>Lonicera nitida</i> 'Maigreen'.	<i>Betula nigra</i> , <i>Carpinus betulus</i> Frans Fontaine.	<i>Dryopteris filix-mas</i> , <i>Geranium</i> 'Rozanne', <i>Liriope muscari</i> , <i>Luzula nivea</i> , <i>Deschampsia cespitosa</i> , <i>Rudbeckia</i> 'Gold Star', <i>Vinca minor</i> .

Example Image

