



Landscaping Key	
	Existing tree to be retained - Crown thinning to remove any branches which overhang the site boundary.
	Existing Trees to be removed
	New Tree- • T1 rowan (<i>Sorbus aucuparia</i>) • T2 crab apple (<i>Malus sylvestris</i>)
	Shrub planting mixture of: Set out groups (groups of 3, 5 or 7 generally) of plants randomly. Approx. 2 plants per sq.m. • <i>Ceanothus</i> 'Blue wonder' (evergreen blue flowers) - 15% • <i>Viburnum</i> <i>Davidi</i> • <i>Hamamelis</i> <i>officinalis</i> (Rosaemary)
	Mixed Native Hedging 1.5m planting strip set out centrally with 2 double staggered rows 450mm apart. 500mm between plants. Hedge maintains to height of approx 1500mm including: • Dogwood 15% • Beech 20% • Hornbeam 15% • Hazel 15% • Hawthorn 20% • Blackthorn 15%
	1.8m High CH fence
	1.8m High timber gate to match fence style
	Approximate location for opening in fence at ground level to allow wildlife such as hedgehogs to pass through. Opening size 200x200mm
	Bird boxes - The 32 mm 18 Schweigler nest box would be a suitable model as the large entrance hole can accommodate most songbirds. At least three nest boxes could be installed at the site. In general, bird boxes should be spaced widely apart, away from bird feeders, quite high up a tree or building facing north to south-east.
	Bat boxes - The 2P Schweigler bat box would be a suitable model and is used by several common urban bat species, including common pipistrelle. Where possible, such features should be installed around 6-8 m up the building, facing south-east, south or north-east with enough space for bats to easily fly under the box. Care must be taken not to illuminate any of the boxes with artificial lighting as this may deter use of the features by bats.
	Root barriers installed along edge of planting bed to direct roots to tree pits at lower level
	gravel and gravel grids
	New lawn
	New lawn with low growing native herbs, sown with <i>Trifolium repens</i> , <i>Thymus pseudolanuginosus</i> , <i>Mercurialis</i>
	Wildflower verges
	Marshalls Drivessett Matrale Colour Grey
	400 x 450 concrete paving slabs - Brett, natural stone, Colour Olive Black
	Grey granite setts
	Compost Bin
	Water Butt
	Log piles and standing deadwood
	External Wall Downlight 8 1500 AFPL • Low pressure sodium lights or 'warm' LED • Wavelength above 540nm • Colour temperature below 2700K • Shielded lights that prevent light spill above a 70 degree angle • Passive Infrared (PIR) motion sensors
	External Downlight -built into canopy • Low pressure sodium lights or 'warm' LED • Passive Infrared (PIR) motion sensors
Tree Specification 1. Trees are to be erect and true to type in regard to form 2. Trees are to be free from defects such as light forks, rubbing branches, ports and diseases 3. New trees to be minimum 3m high and have a minimum girth of 100mm. Once planted lead to supporting stake 4. Trees are to conform to BS: 3336: 1992 Part: 1 Nursery Stock: Specification for Trees and Shrubs and Industry Best Practice 5. All ordinary nursery stock trees to be supported by a 50mm round stake, 1.3m long, driven to a depth of 700mm 6. Trees are to be thoroughly watered prior to planting Tree Pits 7. Pits to be dug square 8. Trees pits are to be dug one third larger than root balls with the sides and base loosened with a fork to aid future root penetration 9. The location of drainage runs, soak-aways and inspection chambers are to be identified prior to planting where possible 10. Planting pit locations are to be checked and inspected for both underground and above ground services such as gas, water, electric, telephone/communication cables etc 11. If the ground is found to be susceptible to water-logging then an alternative location should be sought (depending on species being planted) Planting Medium 12. The top 200mm of planting areas to be replaced with good quality top soil 13. Large debris such as bricks or concrete to be removed 14. Tree planting compost is to be mixed with material excavated from pit at a ratio of one-third compost to two-thirds original pit excavations 15. Where excavations are of insufficient quantity the difference is to be made up of tree planting compost 16. The addition of 4 water retaining polymer granules per plant to the root zone and the addition of mycorrhizal fungi to the early phases following planting increases the ability of the tree to become established 17. Any imported top soil to be BS3882 2015. Planting 18. All plants to be watered in, with sufficient water to reach 60% capacity and ensure the rootballs are wetted, within 3 hours of planting 19. All planted beds to be maintained weed free, healthy and tidy until handover 20. Wire wrapping used to secure root-balled trees to be cut off in the soft landscaped strips between parking bays 21. Trees are to be planted at the previous planting depth at nursery 22. Trees are to be planted by layering the soil over the roots and firming following this process until the nursery mark has been reached 23. Good quality tree planting soil is required in all new tree pits and in the soft landscaped strips between parking bays 24. Irrigation tubes of a size and type suitable for the size of tree being planted are to be placed around the root ball in accordance with manufacturer's specifications. Caps must be fitted to the end of the irrigation tube to prevent desiccation. It is recommended that tubes be filled with gravel to reduce the potential of desiccation in the event of the loss of the cap 25. Soil is to be left slightly raised around the outside of the pit to produce a wall, to enable rainwater to become trapped inside and to filter down to the root zone 26. Mulching around the base of the tree is to be to a depth of between 75mm to 100mm to prevent competition from weed growth 27. Mulching must not be piled up the stem Maintenance 28. Trees to be guaranteed for 5 years. After the 5 years defects period any trees to be replaced to match existing or seek approval for alternative 29. All planted beds to be maintained weed free, healthy and tidy until handover 30. After 5 years the responsibility of the landscape management passes on to the owner 31. All beds to incorporate slow release fertiliser to aid plant establishment 32. The client is responsible for appointing a contractor with appropriate experience and equipment to undertake watering and maintenance for two years 33. For the first 2-3 years, new trees should be watered at the beginning of the growing season (April/May) and regularly throughout the summer. As a guide, trees are to be watered following planting for the first 2 seasons of approximately 25 litres per week 34. Trees are to be inspected annually, to remove weeds from around base, topping up of mulch, checking tree ties and adjusting as necessary, removal of post if required 35. Root barriers/directors are to be incorporated into all tree pits within paved areas up to min 200mm deep 36. Any tree that fails/dies shall be replaced with a tree of the same type and specification Additional Notes 37. All debris access soil etc. is to be to be removed from site and disposed of at an approved waste transfer site. Any disturbance or damage to surrounding areas is to be made good to the relevant specification 38. For all wooden materials use tannalised wood (except where using hardwoods) and galvanised screws and nails 39. Roots are to be protected during transport 40. Crowns and stems are to be protected from abrasions with vehicle wheels 41. Every effort is to be made to prevent desiccation during transport 42. Storage of plant material on site 43. If containerised trees are to be used then plants are to be secured upright until time of planting 44. If rootballed or bare root trees are to be used then these are to be heeled in to prevent desiccation	

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Collaborating with:

Simon Knight

Job: 791 Drawing: 02-12 Revision: a

Project:
9a Circuit Lane, Reading
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Drawing Name:
Proposed Site Plan
Landscaping & Ecology Enhancement

Date: 10.2022	Status: planning
Drawn By: IP	Checked By: EM

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