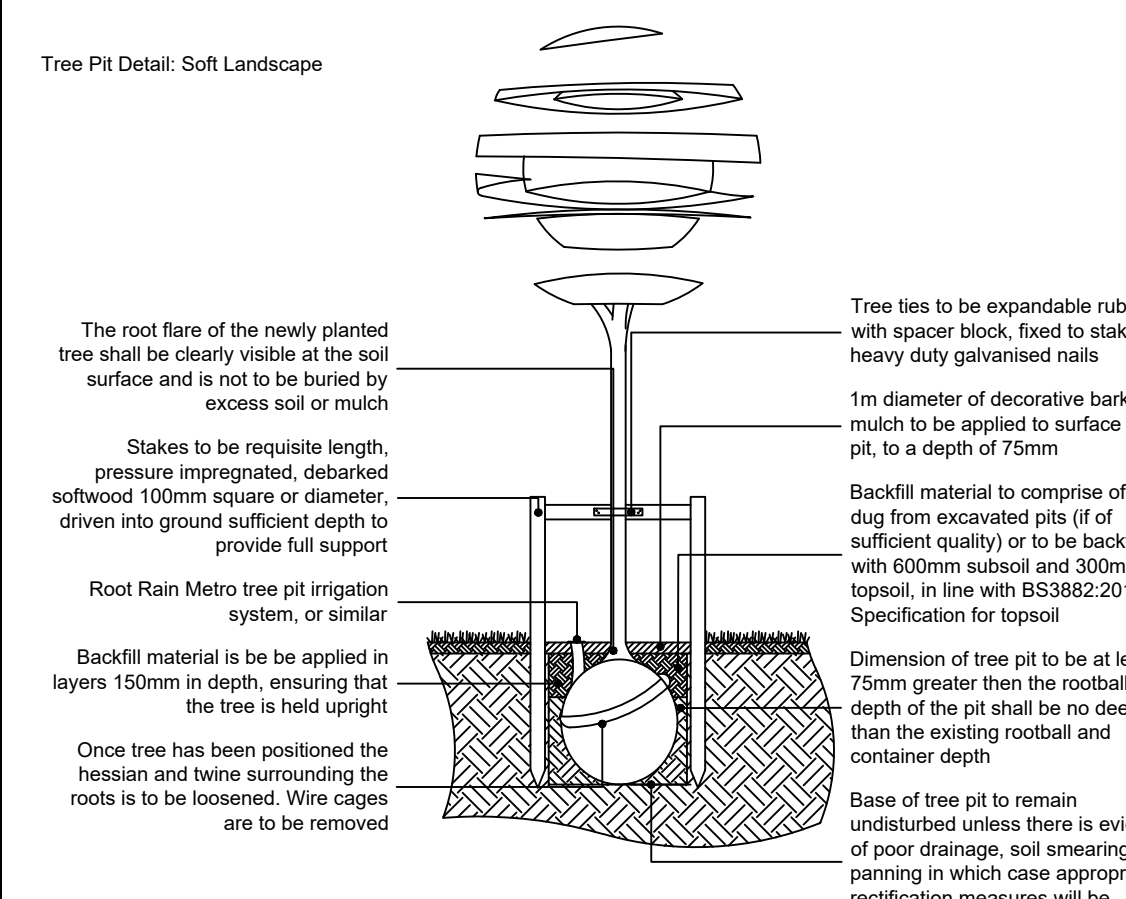
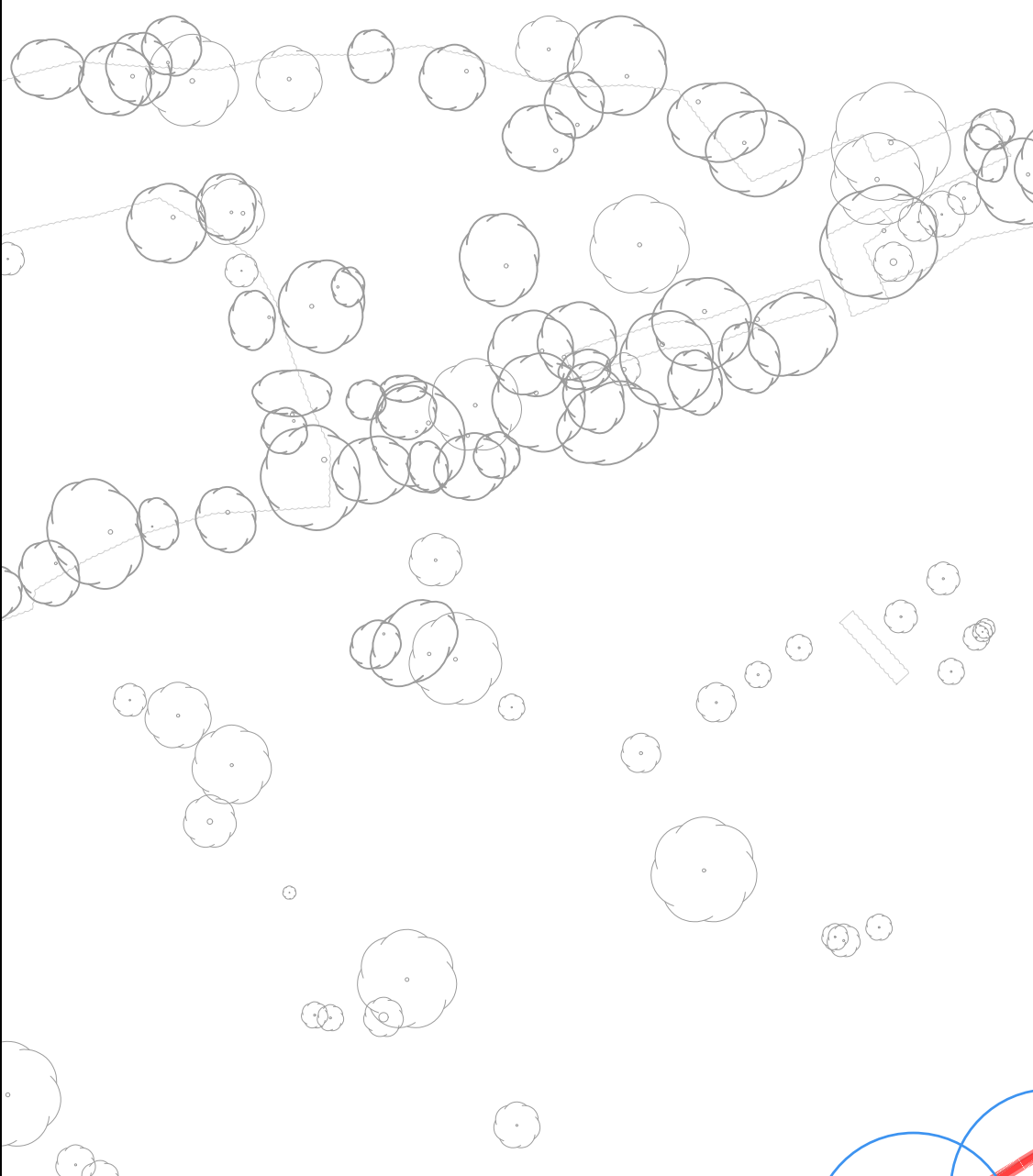


Planting Schedule

Family (30% max = 63)	Genus (20% max = 42)	Species (10% max= 21)	Common Name	Mature Height / Zone of Influence (NHBC 4.2)	Size / Specification	Condition	Number (Total 210)	Estimated DBH at 30 years in cm
Sapindaceae	Acer	campestre	Field Maple	20m / 15m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	11	24
birch	Alnus	glutinosa	Common Alder	18m / 13.5m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	19	31
birch	Betula	pendula	Silver Birch	14m / 7m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	17	34
birch	Betula	pubescens	Downy Birch	14m / 7m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	8	31
coniferous	Calocedrus	decurrens	Cedar	20m / 15m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	4	31
birch	Carpinus	betulus	Hornbeam	20m / 15m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	18	30
rosaceae	Crataegus	laevigata	Midland hawthorn	10m/12.5m	12 - 14 cmg / 3.5m Height	RB / Clear Stem 1m	11	23
betulaceae / birch	Corylus	avellana	Hazel	8m/4m	12 - 16 cmg / 3m Height	RB / Clear Stem 1m	31	17
Fagaceae / beech	Fagus	sylvatica	European Beech	20m/15m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	14	31
Aquifoliaceae	Ilex	aquifolium	Holly	12m/6m	14 - 16 cmg / 4.25m Height	RB / Clear Stem 1m	15	17
Pinaceae	Pinus	sylvestris	Scots Pine	20m/15m	12 - 14 cmg / 3.5m Height	RB / Clear Stem 2m	9	23
Beech	Quercus	robur	English Oak	25m/30m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	13	30
Rose	Sorbus	torminalis	Wild Service Tree	15m/11.25m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	12	26
Rose	Sorbus	aucuparia	Rowan	15m/11.25m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	11	24
Mallovs	Tilia	x cordata	Small Leaved Lime	22m/16.5m	20 - 25 cmg / 6m Height	RB / Clear Stem 2m	13	25
Rose	Pyrus	Chanticleir	Pear	15m/11.25m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	1	25
Sapindaceae	Acer	campestre Elsrjik	Field Maple	15m/11.25m	14 - 16 cmg / 4.25m Height	RB / Clear Stem 2m	3	19
Birch	Betula	nigra	River birch	14m / 7m	18 - 20 cmg / 5m Height	RB / Clear Stem 2m	1	32



Components as supplied from GreenBlue Urban or similar

Planting Specification

Tree Handling

It is recommended that companies that do not have experience with handling large trees or the required equipment to do so seek advice from the landscape architect or tree supplier. Furthermore, specialist hauliers are to be used who will have the correct lifting equipment to deal with unloading large trees. The landscape contractor must follow the industry guidance method for handling trees. Below are recommended industry standards.

Dormant trees sizes of 20 - 25cmg

These can be lifted and unloaded using a 3 tonne sling in combination with a chain and root hooks. Even when the tree is dormant it is recommended to wrap the stem in hessian for additional protection when unloading.

Tree Planting

The tree supplier is to be approved by landscape architect and the Reading Borough Council Officers prior to any ordering of stock. The selected tree supplier has to strictly comply with EU and UK plant health policies and minimise the risk of pest introduction into the UK. All trees are to be planted in the first available planting season after construction as root balled stock unless otherwise specified and agreed with the client. All tree pits are to be excavated 24 hours prior to delivery to reduce the time the rootball is out of the ground. All tree pits are to be excavated under favourable weather conditions to avoid deterioration of the soil structure and glazing. All excavations are to be carried out using a toothed bucket ensuring tree pit walls are not glazed, the walls of the tree pit can also be loosened with hand held tools.

Planting Specification (Continues)

Tree pit dimensions are subject to soil conditions, soil report provided by agronomist and rootball size. Tree pits can never be excavated too wide in an unrestricted space (open ground), however they can be too deep. All trees are to be planted at the correct height which is the same depth as the tree was growing on the nursery. The root collar must remain visible. All tree pits are to have suitable irrigation pipe and end cap and aeration tubes if required (aeration tubes tend to be required for trees planted in a hard landscape environment). They are only required for the first two years after which they are superfluous. All irrigation pipes are to be placed as high as possible not at the base of the rootball. The tree would also benefit from an earth reservoir around the rootball on the surface to aid watering. The reservoir is best backfilled with bark mulch to avoid soil glazing on the surface.

Note: Trees may sink after planting due to soil settlement. With sandy soils generally there will be a settlement of 10% and clay soils 20%, they will need to be considered by the landscape contractor when planting and therefore the tree may need to be planted slightly higher to accommodate soil settlement.

Note: Never excavate deeper than the highest water table to ensure organic matter does not come in contact with groundwater resulting in anaerobic digestion within the soil. All hessian and wire supports around the rootball are to remain in place when planting (in some case it may be required to loosen the hessian and wire). The hessian will quickly decompose. The wire will oxidise and also disappear in the soil eventually.

Trees to be planted as per tree pit detail on the latest soft landscape proposals, with two stake supports. Where a root barrier is required there is a tree pit detail for this on Sheet 13.

For planning, designing, resourcing, producing, planting and managing new trees in landscape refer to BS 8545:2014 Trees: from nursery to independence in the landscape. Recommendations, to ensure healthy establishment of the young trees in landscape. Underground anchoring systems are to be used for large compact rootballs and to be agreed with the landscape architect. The landscape contractor is to confirm locations of all services prior to implementation of trees. Prior to installation NJUG specification and requirements are to be referred too.

Guidance for Tree Pit Sizes within Soft Landscape Areas

Final tree pit size will vary depending on size of rootball, tree stock and soil type but are to accommodate a minimum of 30cu.m of tree soil/urban tree soil, subject to below ground conditions.

Tree Size	Rootball Size	Tree pit size (length, width, depth)
12-16 cmg	50x50cm	80x80x65cm
18-20cmg	60x60cm	80x80x75cm
20-25cmg	70x60cm	90x90x75cm

Tree aftercare and pruning

When a tree is lifted/harvested it will lose a percentage of it's root system. As a result the roots are unable to supply the crown with the water demand being placed on the root system which can cause stress to the tree. As a result the tree will respond by reducing the amount of foliage, in some cases when the water shortage is great the tree will shed wood from the crown. Watering the tree is important in the first two years after transplanting. In very hot conditions the canopy can dry out even when the rootball is moist simply because there is not enough root development yet. Therefore, the only solution is to reduce the canopy volume to reduce the stress.

All pruning is to be done by removing first and second wood only, all pruning works are to be carried out by appropriately trained landscape contractors. It is recommended that hessian is placed around the tree stems after planting to prevent the overheating of the trunks. Wire supports should be cut back to ensure they do not restrict trunk growth.

Note: Final location and tree species selection will be subject to position of lighting columns, service report and foundation depths, to be provided by engineers.

Legend

- Existing trees to be retained and protected during construction
- Existing root protection areas
- Existing trees to be removed
- Proposed large tree planting within soft landscape and zone of influence
- Proposed medium tree planting within soft landscape and zone of influence

24.08.23

18.07.23

12.05.23

21.04.23

16.03.23

15.03.23

07.02.23

Comments

Comments

Comments

Layout updated

Table updated

Trees added

Revised layout

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Vistry Homes

scheme: Reading Golf Club, Reading

client: Vistry Homes

drawing: Tree Planting Plan

date: August 22

scale: 1:1000@A1

drawing no: VYH23781 17

drawn: LS/RK checked: DKM

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