Tree Schedule

Trees

Number	Abbreviation	Species	Specification	Height	Girth
14 -	Ac	Acer campestre	Standard :3 brks :2x :B	250-300cm	8-10cm
3 -	Ac	Acer campestre	4x; Semi-mature; clear stem minimum 200cm; RB	500-550cm	25-30cm
7 -	ACECOLA	Acer platanoides 'Columnare'	Extra Heavy Standard :3x :Min 200 :RB	450-500cm	18-20cm
6 -	Pav	Prunus avium	4x; Semi-mature; clear stem minimum 200cm	550-600cm	25-30cm
9 -	PcC	Pyrus calleryana 'Chanticleer'	Heavy Standard :5 brks :3x :RB	350-425cm	12-14cm
3 -	Qr	Quercus robur	Semi-Mature :Clear Stem min. 200 :3x/4x :RB	500-550cm	20-25cm
12 -	Sar	Sorbus aria	Selected Standard :4x :B	300-350cm	10-12cm

Outline specification

Ground Preparation:
Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 8601:2013 Specification for subsoil and requirements for use - Multipurpose subsoil to make up any deficiency in on-site subsoil. Spread and level to depth of:
200mm for planting areas
200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil. Spread and level to depth of:
300mm for planting areas
100mm for grass areas

Excavate planting pits to the following dimensions:
Feathered Trees: 500 x 500 x 500mm depth
Standard/Selected Standard Trees: 1000 x 1000 x 500mm depth
Heavy/Extra Heavy Standard Trees: 1200 x 1200 x 700mm depth
Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m^3/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m^3/20m^3.

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting.

Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

Grass Areas:
Supply and spread pre-seeding N:P:K. fertiliser (10:15:10) at a rate of 30g/m^2

Grass areas to be sown at a rate of 35g/m^2 with a suitable grass seed mix such as Germinal A19. Initial grass cutting and edge trimming down to 50mm

Planting Areas:

Tree planting: No tree to be planted that does not conform in full with **Table 1, p.21, BS 8545:2014**, to be established via nursery inspections prior to and on delivery of trees. The positioning of proposed trees are to avoid underground services. **No tree to be substituted by an alternative without formal agreement by the LPA, but prior consultations with nurseries should clearly establish availability.**

Tree anchoring: Rootball fixing strap system to be provided by Platipus to secure the trees.
Supplier: Platipus. Product: Tree Anchoring with Strap. Product Code: RF1s/RF2s (depending on tree size). Ref: www.platipus-anchors.com/applications/tree-and-irrigation/rootball-fixing-system---strap/

Note: Above ground stake supports for trees shall only be used where ground anchoring methods prove ineffective, but shall not be used to support trees with defective root-balls. Staking shall comprise x3 untreated wooden stakes set with two to the SW side and attached low (never more than one-third tree height) using flexible ties such as hessian nature-ties, arbor-tie or rubber straps. Ties shall allow for flexure without abrasion of the stem and all stakes and ties shall be removed before the third growing season.

Tree Root Barrier: Suitable root barrier (such as ReRoot 1000 by Green Blue Urban, or similar and approved) to be installed along the edge of utilities, to protect the utilities from tree roots

Plant specification to be in accordance with the HTA National Plant Specification: 03/02

Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:
Feathered Trees: 100g / tree pit
Standard/Selected Standard Trees: 100g / tree pit
Heavy/Extra Heavy Standard Trees: 130g / tree pit
Shrubs: 70g / m^2
Trees shall be secured with underground anchors; tree stakes shall not be used.

Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

Hedge Planting:
Planted in double staggered row with 0.25m spacing between the rows and 0.3m centres between plants.

Maintenance:
All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties.
Soft landscape areas to be maintained in accordance with **B.S. 7370 Part 3:1991** and Part 4:1993. The maintenance of trees should be in accordance with **BS 3998:2010** and **BS 8545:2014.** Maintenance operations to successfully establish plants shall be carried out for the first 5 years after planting.

Maintenance operations for successful plant establishment shall include watering; weed control; fertiliser application; pest and disease control; pruning; and litter picking. Watering for trees should follow an irrigation plan in accordance with BS 8545:2014 and must be in anticipation of drought.

Tree pruning should be in the winter months or summer (July-August). Cherries must be pruned only in the summer months after flowering.

The replacement of failed trees should occur once reasons for failure have been identified and amendments to the specification are made as necessary. Shrubs which die, are removed or become seriously damaged shall be replaced in the next planting season with others of similar size and species, to be agreed in writing by the Local Planning Authority.

Any newly planted trees, plants or hedgerows, which also within a period of 5 years from the completion of the development die, are removed, become seriously damaged or diseased, or in the opinion of the Local Planning Authority otherwise defective, shall be replaced. Replacement planting shall take place during the first available planting season

General Notes:
Substitutions, if made, should be similar in size, form and water demand.
Plants shall be arranged to avoid straight lines and geometric patterns.

Examples of Heights of Tree Types Specified.

Standard size Tree - 8-10cm girth

Heavy Standard size Tree - 12-14-cm-girth

Semi mature size Tree - 25-30cm-girth

KEY

- Site boundary
- Existing vegetation to be removed
- Existing trees to be removed

Soft landscape proposals

Tree planting: refer to plant schedule. Note: where trees are positioned within narrow planting areas, an underground cellular / structure will be necessary to achieve minimum 8 cubic metres of soil (per tree).

Ecology: refer to Ecosa report for details

- 1.5 m unmown grassland strip
- Schwegler 1FF Bat Box
- Schwegler 2F Bat Box
- Schwegler 1B Nest Box
- Schwegler 2H Nest Box
- Log pile
- Hedgehog Nest Box
- Small Mammal Passing Holes

KEY - Trees Fronting Toddington Lane only:

Approved Scheme - ***LU/305/19/RES***:
Drawing No. **A088461 LA300 Rev. S**
22 No. Trees Approved for removal

Proposed S73 Scheme - ***LU/370/21/PL***:
Drawing No.
Shows additional **13 No.** Trees that have been removed on site.

Rev	Description	Date	Drn	Chk	App
P01	PRELIMINARY ISSUE	10.03.22	DC	DV	MC

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TETRA TECH

Client
Persimmon Homes

Project Name
North Little Hampton
Parcel A2 & B6

Sheet Title
Landscape Layout -
Tree Replacement Plan

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitability
A088461	DC	Mar '22	DV	Mar '22	MC	Mar '22	1:500	S3

Client Project Number	Originator	Volume/System	Level/Location	Type/Code	Role	Number	Revision
PRJ01	TTE	00	XX	DR	L	LA305	P01

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