

Planting Schedule

Tree

Qty	Name	Age	Height	Form	Girth	ClrStem	Brks	Root	Cntr
1	Acer campestre	3x	450-500cm		16-18cm	min 200cm	5	RB	
1	Crataegus monogyna	3x	400-450cm	Standard (Extra Heavy)	14-16cm	175-200cm	5	RB	
1	Mespilus germanica 'Nottingham'		175-200cm	Standard (Half)		100-125cm	3	C	10-15L
1	Morus nigra		175-200cm	Multi-stemmed			3	C	25L
4									

Key

- Existing trees to be retained
- Existing trees to be removed
- New tree planting

General Notes:

- Refer to Arboricultural Impact Assessment ref. 10100.001 for further details on existing trees.
- 2:1 tree replacement ratio applied to replacement planting scheme with reference to the Places for Everyone Joint Development Plan (March 2024) Policy JP-G7.
- During the pipe installation, where possible the trees identified for removal may be retained, in which event the replacement tree proposals will be amended accordingly.
- Care is to be taken when excavating tree pits in relation to below ground utilities and in the vicinity of existing trees. Advice should be sought from a suitably qualified Arborist if tree roots over 25mm dia. are encountered.

Outline Specification

Soils

- Soils to be stored and handled in accordance with Defra guidance 'Construction Code of Practice for the Sustainable Use of Soils on Construction Sites'.
- Topsoiled/subsoiled areas to be cleared of debris that might interfere with the establishment of plants, including stones and rubble larger than 50mm diameter.

Subsoil
- Subsoil to be good quality recovered from site or imported from a reputable supplier, and in accordance with BS8601:2013. Subsoil depth to be 600mm for individual tree pits.

Topsoil and Ameliorants
- Topsoil either to be site won (if tested and in accordance with BS3882:2015) or imported topsoil should be used to BS 3882:2015.
- Topsoil depth of 300mm required for all tree pits. Maximum depth of topsoil in any area should not exceed 400mm.
- PAS 100 Compost to be used in conjunction with site won topsoil and applied as a 50mm layer onto all planting areas and incorporated into the topsoil. Compost used to be in accordance with PAS 100 and Compost Quality Protocol. Friable textural composition. Material should be free of objectionable odour.
- Sierrablen Flora slow release fertiliser tablets to be evenly distributed in backfill material: 11nr for 16-18cm girth; 10nr for 14-16cm girth and 5nr for half-standard and multi-stem.

Trees

- All trees are to be procured and planted in accordance with British Standard BS 8545:2014. Suppliers must demonstrate the biosecurity policies that they have in place.

Tree Pits
- Sizes: Square in shape 500 mm wider than the rootball/container and 1000mm deep.
- Excavated material: Separate topsoil and subsoil material and stockpile for backfilling.
- Pit bottoms: Excavate with slightly raised centre: Break up base to a depth of 150 mm.
  - Treatment: Soil ameliorant worked into pit bottoms.
- Extra Heavy Standard tree pits to have a irrigation point installed: 35mm diameter RootRain Metro irrigation system (or equivalent approved).

Double Tree Stakes - Extra Heavy Standard Trees
- Double Staking:
  - Position: Double treated timber stake, one either side of tree position and perpendicular to wind direction.
- Height of stakes: Cut off to approximately 1200mm above ground level.
- Horizontal bracing: Treated timber cross bar.
- Tie: 30mm wide rubber strapping (reinforced with nylon weave), fixed to cross bar, and flat back pad spacer.
- Tying: Secure tree firmly but not rigidly to cross bar. Prevent tree from touching cross bar using spacer.

Single Angled Tree Stakes - Fruit Trees in Orchard
- Staking:
  - Position: Close to tree position on windward side.
  - Height of stakes: 1200mm above ground (600mm below ground).
  - Ties: 30mm wide rubber strapping (reinforced with nylon weave), fixed to stake, and curved back pad spacer.
- Tying: Secure tree firmly but not rigidly to stake with ties. Prevent tree from touching cross bar using spacer.
  - Position: Tie within 50mm of the top of the stake.

Tree Root Barriers
- Root barriers to be provided where trees are proposed within 3m of services.
- Root barrier: GreenBlue Urban ReRoot 1000 or similar approved.

Planting Generally
- Suppliers of plant material must demonstrate the biosecurity policies that they have in place.
- All pre-planting site preparation, planting and post-planting maintenance works shall be carried out in accordance with the requirements of BS4428:1989 Code of Practice for General Landscape Operations.
- All plants to conform with BS 3936 - Nursery Stock Specification for Trees and Shrubs.

Times of Year for Planting
- Rootballed trees: Late October to late March.
- Container grown plants: At any time if ground and weather conditions are favourable.
  - Watering and weed control: Provide as necessary to ensure trees thrive.

Plants and Trees Generally
- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders.

Plant Handling, Storage, Transport and Planting
- Standard: To CPSE 'Handling and establishing landscape plants'.

After Planting
- Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
- Firming: Lightly firm soil around plants and fork and/or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.

Mulch

General Mulch
- Watering: Ensure that soil is thoroughly moistened prior to mulching, applying water where necessary.
- Trees in grass: 1000mm ring of suitable composted fine bark mulch. Depth (minimum): 75 mm.

After Care

Failures of Planting
- If within a period of 5 years from the date of the planting of any tree, that tree or any tree planted in replacement for it, is removed, uprooted or destroyed or dies, or becomes seriously damaged or defective, another tree of the same species and size as that originally planted shall be planted at the same place.

Rev	Description	Drawn	Approved	Date

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Project
Birley Fields, Manchester

Title
Tree Replacement Planting Plan

Drawing Number
D10100.002

Scale	Date
1:500 @ A1	17/05/2024

Drawn	Checked	Approved
CAH	RJC	RJC