

Boorley Green RMA

Phase 2LH.13

Site B5 & B6:

On-Plot Landscape (1 of 7)

Specification

Ground Preparation
Protection of existing trees and hedges identified as to be retained to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be located at the edge of the Root Protection Area of existing trees, shown on the Barrell Tree Excavation Plan Ref: 14176-BT1.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use. All fill material to be sourced from the Boorley Green Development.

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

Following filling the soils at the formation level are to be loosened with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

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

- 300mm for planting areas
- 100mm for amenity grass areas

No topsoil to be used in species rich grass areas.

Excavate planting pits in open ground 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 / Semi Mature Trees: 1200 x 1200 x 700mm depth
- Shrubs: 300 x 300 x 300mm depth

Backfill tree pits in open ground with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m³/20m³.

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting. Collect and remove from site all stones over 50mm in any dimension.

Amenity Grass
For amenity grass areas supply and spread pre-seeding N:P:K fertiliser (10:15:10) at a rate of 30g/m². Amenity Grass mix to be sown at a rate of 35g/m² with a suitable grass seed mix such as British Seed Houses mixture A19. Initial grass cutting and edge trimming down to 50mm.

Species Rich Grass
For Species rich grass areas sow at a rate of 4g/m² with a suitable seed mixture such as Emorsgate Seeds, mixture EM1 (Basic General Purpose Meadow), with 20% wildflowers and 80% grasses. Avoid cutting in the spring and early summer if the mixture is autumn sown. Do not spread fertiliser on species rich grass areas.

Tree planting
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 100g / tree pit
- Heavy / Extra Heavy Standard Trees / Semi Mature: 130g / tree pit
- Shrubs: 70g / m²

Provide and fix tree stakes and ties to the following dimensions:

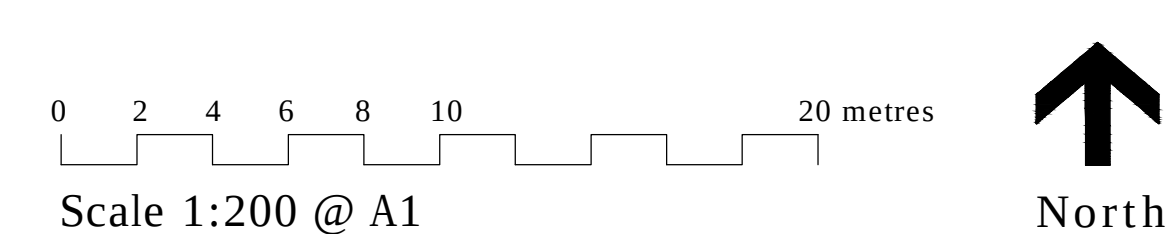
- Feathered Trees: overall length 1250mm; height above ground: 600mm
- Standard / Selected Standard Trees: overall length 1500; height above ground: 750mm
- Heavy / Extra Heavy Standard / Semi Mature Trees: overall length 1500; height above ground: 750mm

Roots of all bare root stock to be treated with Mycorrhizal Fungi rootdip prior to planting, supplied by Rootgrow or equivalent.

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

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.

General Notes
Exact location of trees to be determined subject to location of services and utilities. Substitutions, if made, should be similar in size, form and water demand. Plants shall be arranged to avoid straight lines. Timber post and strained wire fence to be installed in accordance with BS 1722-2



A073968-3 LH13-LH19.dwg

August 2018

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Key



Tree



Shrubs / herbaceous planting



Amenity grass



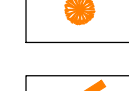
Species rich grass



Native tree and shrub planting



Hedge planting



Specimen shrub / climber



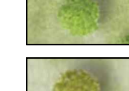
Underground crates with soil

Rear garden trees

Woodland Edge



Acer campestre



Corylus avellana



Malus domestica 'Golden Delicious'

Avenue Approach



Malus domestica 'Braeburn'



Malus domestica 'Saturn'

Refer to WYG drawings and information for highway infrastructure planting and landscape works

Refer to drawing LH.19 for plant schedules.

