

NOTES

All planting to be carried out in the first planting season unless an alternative phasing scheme has been approved by the local authority.

The following standards shall apply;

- General landscape operations:
- BS 4428:1989 CoP for general landscape operations
- Trees:
- BS 3998:2010 Tree work
 - BS 8545:2014 Trees: from nursery to independence in the landscape.
 - NHBC Chapter 4a - Building near trees
 - BS 5837:2012 Trees in relation to design, demolition and construction
- Ground preparation:
- BS 3882:2015 Specification for topsoil and requirements for use
 - BS 8601:2013 Specification for subsoil and requirements for use
 - Construction Code of Practice for the Sustainable Use of Soils on Construction Sites 2009. (Issued by Defra)

Existing Trees & Vegetation

Existing trees and vegetation to be retained shall be protected in accordance with the approved Arboricultural Impact Assessment, Arboricultural Method Statement and Tree Protection Plan. No cultivation, storage, level changes or mechanical excavation shall take place within retained tree RPAs unless specifically approved.

Sustainability

All compost, growing media and soil ameliorant's shall be peat-free throughout the full nursery production, supply and site installation process. Planting accessories, including guards, shelters, ties and mulch mats, shall be biodegradable or plastic-free unless otherwise approved in writing by the Local Planning Authority.

Topsoil

- Unless otherwise specified all 'topsoil' for planting, turfing or seeding shall comply with the following criteria.
- Compliance with the general requirements of BS3882:2015, Grade - Multi purpose for general landscape areas and 'Low Fertility; Grade for species rich grass areas.. However the following additional constraints apply;

'Topsoil' is deemed to include imported, and existing reclaimed or manufactured growing medium.

Topsoil amelioration to be undertaken subject to analysis and recommendations of a suitably qualified soil scientist. General amelioration will utilise PAS 100 Green waste compost unless an alternative is specifically recommended by the soil scientist.

Standard depth of topsoil layer, placed over 300mm decompacted and free-draining subsoil, to be as follows (subject to completion of ground preparation proposals):-

- | | |
|-----------------------|---------|
| All grass sward types | - 150mm |
| Ornamental planting | - 300mm |
| Native mix planting | - 300mm |
| Tree pits | - 400m |

Additional growing medium required to meet recommended tree planting volumes will be achieved using approved subsoil or washed sand.

Cultivation

All cultivation to be carried out in accordance with good practice and appropriate to the planting type, ground conditions and risk assessments/method statements. Incorporate proprietary non peat compost to BSI PAS 100 to 50mm depth evenly worked into soil and a general purpose slow release fertiliser at the rate of 75gm/m2 (except areas of species-rich grass).

No cultivation of soil to be undertaken within RPA of retained trees and hedgerows.

Proposed Planting

Should planting be required outside of the planting season (October - March) bare root stock is to be replaced with containerised stock to an appropriate or similar specification to the approval of the landscape architect prior to ordering.

Tree Planting

All trees to be in accordance with BS 3936 and The National Plant Specification - 'Rootballed Trees' recommendations. Trees to be planted in accordance with BS 4428:1989 and double staked. Tree pits in open field / un-compacted ground to be constructed as per the typical details (at least 75mm greater than that of the root system) with pit depth to be based on the planting depth of the tree (distance from root flare to underside of rootball) in accordance with BS 8545:2014. Topsoils and subsoils to be excavated and stored separately for reuse. Tree pit to be backfilled with stored subsoil and topsoil at depths to replicate the existing soil horizons. Topsoil to be mixed enriched with 40L of peat free tree planting compost. Root balls to be encircled by Root Rain Metro or similar irrigation pipe. Well water after planting. The base of trees to planted in grass areas are to be covered with 75mm amenity grade bark mulch to 1.5 metre diameter and kept weed free.

Tree pits in poorly draining soils are to be positively drained, where required and agreed with the drainage engineer. Suitable foundations are to be provided to accommodate proposed tree planting and retained trees in accordance with the NHBC Standards. In locations close to footpaths and roadways linear root barriers are to be installed in accordance with manufacturers instructions. Where proposed tree locations conflict with services, trees are to be relocated in accordance with the appropriate utilities guidance notes subject to client / local authority approval.

Scrub Planting

Plants to be in accordance with BS 3936 and planted in accordance with BS 4428:1989, subgrade to be cross ripped at 1.2m intervals prior to planting to alleviate compaction. Transplants to be planted at 1m centres in random groupings of 7-10 shrub species. Transplants to be root dipped with Alginure prior to planting. Planted areas to be kept weed free and protected from rabbits, with individual biodegradable guards securely fixed to timber stake(s).

Shrub and Herbaceous Planting

Plants to be in accordance with BS 3936 and handled in accordance with CPSE guidelines and planted in accordance with BS 4428:1989. Nursery stock supplier to be approved by the Landscape Architect. Well water plants immediately after planting and prior to spreading of mulch. Planting areas to be covered with 75mm depth amenity grade bark mulch and kept weed free.

Hedge Planting

Plants to be in accordance with BS 3936 and handled in accordance with CPSE guidelines and planted in accordance with BS 4428:1989. Hedge plants to be pit planted in double staggered rows 300mm apart at 450mm centres. Well water plants immediately after planting and prior to spreading of mulch. Planted areas to be covered with 75mm depth bark mulch and kept weed free.

Turfing

Grass turf areas to be Tillers 'Arena' or similar approved cultivated turf, laid in accordance with BS 4428:1989. Topsoil to be rotovated and levelled as required and any debris or stones greater than 50mm diameter removed. Pre-turfing fertiliser to be applied in accordance with manufacturers instructions. Turf to be laid from planks with broken joints well butted up, pegged to slopes where required. Well water after laying to avoid shrinkage.

Seeding

Grass areas to be seeded in accordance with BS 4428:1989 during March, April or September. Topsoil to be rotovated and levelled as required and any debris or stones greater than 20mm diameter removed. Pre-seed fertiliser to be applied in accordance with manufacturers instructions. Lightly rake areas after sowing.

Species Rich Grassed Areas

Grass areas to be seeded in accordance with BS 4428:1989 during March, April or September. Unimproved topsoil to be imported, rotovated and levelled as required and any debris or stones greater than 20mm diameter removed. Lightly rake areas after sowing. No fertiliser, compost, soil improver or nutrient enrichment shall be applied to species-rich grassland or wildflower seeding areas unless specifically required by the approved seed supplier's establishment guidance and agreed by the Landscape Architect.

Maintenance

All planted areas shall be maintained for a minimum period of five years from completion of planting. Any tree, shrub, hedge plant or other planted material which dies, becomes seriously damaged, diseased or is removed within that period shall be replaced during the next available planting season with stock of the same species, size and specification unless otherwise agreed in writing by the Local Planning Authority.

To be carried out at approximately monthly intervals to include the following:

- Eradicate weeds by hand or appropriate chemical means.
- Cut out dead or / and damaged stock or branches, prune as required.
- Ensure all shrubs and trees are firmed in, securely staked and tied.
- Collect litter, sweep and tidy site.
- Apply suitable non-residual pesticides, fungicides, fertilisers and water as required.
- Carry out grass mowing to turf when attained 100mm, cut to 35mm (50mm for shaded areas).
- Hedges and shrub planting within visibility splays to be maintained in accordance with current highways design guidelines.
- Species Rich Grass Areas:

First Year management

Mow all plant growth (sown grasses and weeds) regularly to 40-60mm throughout the first growing season to prevent weeds smothering the slower-growing grasses. Remove cuttings if dense, more frequent and regular topping will minimise the amount of toppings produced each time so they can be left to disperse.

Management Once Established

In the second and subsequent years sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based around a main summer hay cut in combination with autumn and possibly spring mowing. Meadow grassland is not cut from spring through to late July/August to give the sown species an opportunity to flower. After flowering in July or August take a 'hay cut': cut back with a scythe, petrol strimmer to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site. Mow the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

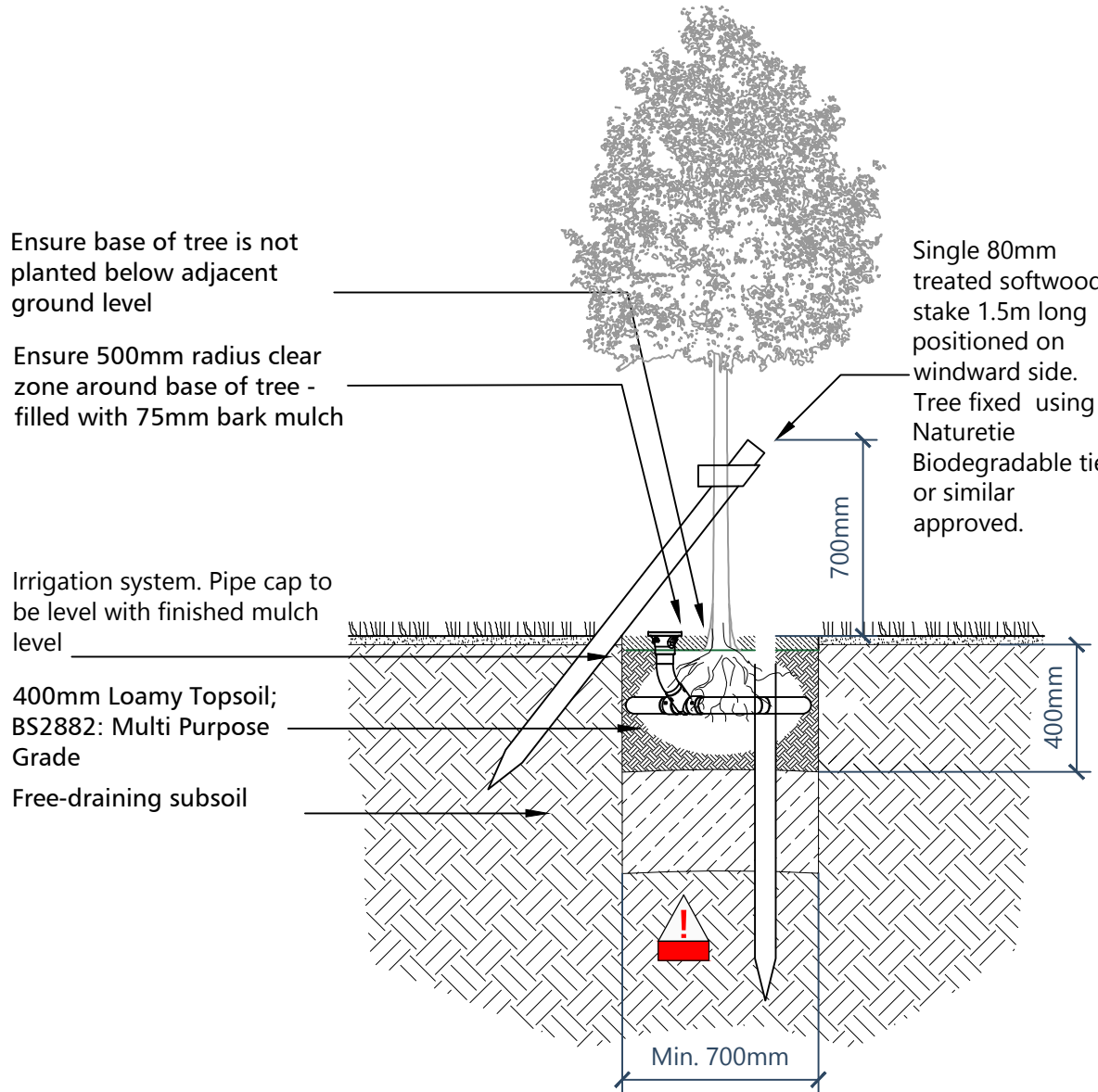
Watering

All new planting shall be watered as necessary to ensure successful establishment throughout the maintenance period. Watering shall be undertaken between April and September, and additionally during prolonged dry or windy periods outside these months where soil moisture conditions require it.

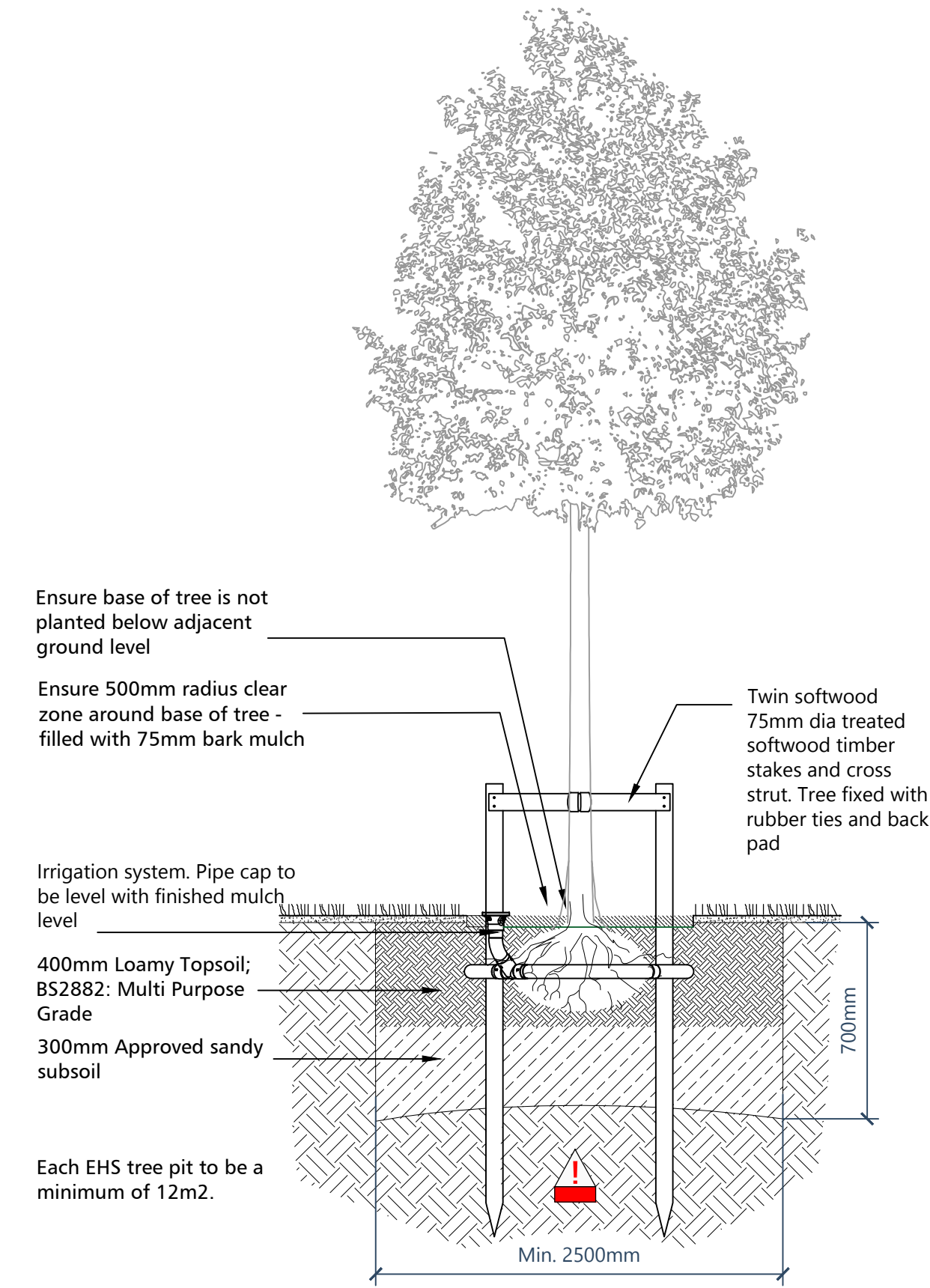
Water shall be applied slowly and directly to the root zone to achieve full penetration of the planting pit, rootball or planted bed, avoiding surface run-off. Watering frequency shall be adjusted to reflect rainfall, temperature, wind exposure, soil type and plant condition, but shall be sufficient to maintain the soil in a moist but not waterlogged condition.

New trees shall receive a minimum of 50 litres of water per tree per watering visit during the first growing season, increased where required during hot or dry periods. A soil probe shall be used where necessary to confirm that water has penetrated to the full depth of the rootball. Watering pipes, where installed, shall be used in conjunction with surface watering and shall not be relied upon as the sole means of irrigation.

Shrub, hedge, herbaceous and groundcover planting shall be watered to field capacity at each visit during dry periods. Grass, meadow and seeded areas shall be watered as required during establishment to prevent failure of germination or early sward establishment, taking care to avoid erosion, puddling or nutrient enrichment of species-rich areas.



1001 A SELECT STANDARD TREE PLANTING IN SOFT LANDSCAPE 1:25



1002 B EHS TREE PLANTING IN SOFT LANDSCAPE 1:25

Revision

Rev. A 06.07.26 Issued for Planning.

Designer Notes Under CDM Regs 2015

- The design information presented on this drawing has been prepared with due regard to the role of the designer under the CDM Regs 2015.
- Contractor to provide method statement for undertaking works within service zones and easements.
- Where possible, this design has taken due care to eliminated hazards and reduced risks.



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Client

Vesta Property Group

Project Name

Land off Fenay Lane, Almondbury

Project No.

LDP-26-P317

Dwg. No.

1002

Dwg. Title

Landscape Specification

Revision

A

Status

PLANNING

Date

05.05.26

Scale

1:250@A1

Drawn By

MJB

Reviewed

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Filepath