

LOCATION PLAN 1:5000

LANDSCAPE PROPOSALS

PROTECTION AND RETENTION OF EXISTING TREES AND HEDGEROW VEGETATION AND OTHER FEATURES

- All existing trees and hedgerows are to be retained, and entranceways
- Deer fence boundary to be retained unless indicated otherwise;
- Old Mesh Guards refer to
- XX During the construction and management phases of the project, a minimum
- 10m exclusion zone from existing ditches, hedgerows, and shrub vegeta
- to avoid any root competition to existing shrubs and hedgerows during

- The exclusion zone is to include the canopy of all retained mature trees which will be implemented 10m from the trunk, where possible, to limit the risk of falling branches or debris. The exclusion zone will be defined with Section 7 of BS5857:2012. In areas where this is not possible, a cellular confinement system will be used to ensure that disruption is minimised. No changes to ground levels are proposed within RPAs.
- Existing trees may be damaged by the construction process, particularly with coloured red and white tape so that they are always clearly visible to the construction and management phases of the project and shall be maintained for the full operation period.
- The existing soil surface at the base of the retained vegetation will remain undisturbed during construction and ground levels are not proposed within RPAs.
- The new gravel access tracks (including any excavation or track during construction) will be located a minimum of 1m away from existing hedgerow vegetation and will be protected by a minimum of 1m protection zones of any existing trees, shrubs or hedgerow vegetation.

- During the construction and management phases of the project, no

ADDITIONAL ECOLOGY MEASURES

and no storage of materials or machinery, parking of vehicles, deposit of

- place in any protected areas; and
- All operations carrying out the works will be briefed prior to the works to ensure that the works are carried out in accordance with the requirements for all retained vegetation and other features and be made aware of the secure storage and agreed pollution prevention plan. Appropriate pollution control equipment will be made available should accidental spillages occur.
- NEW SPECIES-RICH NATIVE HEDGEROW AND HEDGEROW INFILL PLANTING**
- General**
- All new planting shall be carried out not later than the first planting season following the completion of the works and before the first connection to the grid;
 - Plant material to conform to the National Plant Specification and comply with the requirements of BS 5831:2008 Specification for the selection and use of trees and shrubs;
 - All hedge planting shall be positioned in accordance with the requirements of Table A.1 of BS5857:2012 Trees in Relation to Design, Demolition and the Environment (Recommendations).
 - Plant handling to be in accordance with HTA Handling and Establishing Landscape Plants. Part 1-11; and
 - All planting to comply with the guidelines for setting out as detailed in the notes on the drawings.

Setting out

- New hedgerow and hedgerow infill shrubs (in long stretches) to be planted 300mm centres in double staggered row at 7 plants per l/m;
- Hedgerow infill shrubs (in shorter gaps) to be planted at 500mm centre the mature vegetation bordering and within the site; and
- All new hedgerow and hedgerow infill shrubs to be planted in a random in same species groups of 5-9 in number.

New species-rich native hedgerow and hedgerow in-fill planting

- All container-grown shrubs to be pit-planted with the addition of slow-release fertiliser as directed by the manufacturer's instructions.
- Proprietary root dip to be applied to all bare root transplants at time of lift at nursery and prior to planting;
- All transplants to be protected with bio-degradable shrub guards;
- All container-grown shrubs to be protected by bio-degradable tree protectors;
- Weed-free zone maintained around base of each shrub. Medium grade mulch (British origin, FSC certified) to a depth of 75mm will also be used to suppress competition from other vegetation at the base of all large trees.

TREE PLANTING

Trees in hedgerow

- centres in groups of 3-5 of same species with generally 12-15m gap between trees (herodger mix to be planted between the trees) as deep as the root system and at least 30cm wider than its diameter.
- Soil loosened around the edges and bottom of pit to eliminate compaction and improve drainage;
- Pit to be backfilled with topsoil mixed with tree planting compost and slow release fertilizer, as directed by the manufacturer's instructions;
- Each feathered tree to be supported by 1 No. 75mm x 1500mm diagonal softwood timber stake and 1 No. bio-degradable adjustable tree tie; and
- Each feathered tree to be protected with bio-degradable spiral tree guard.

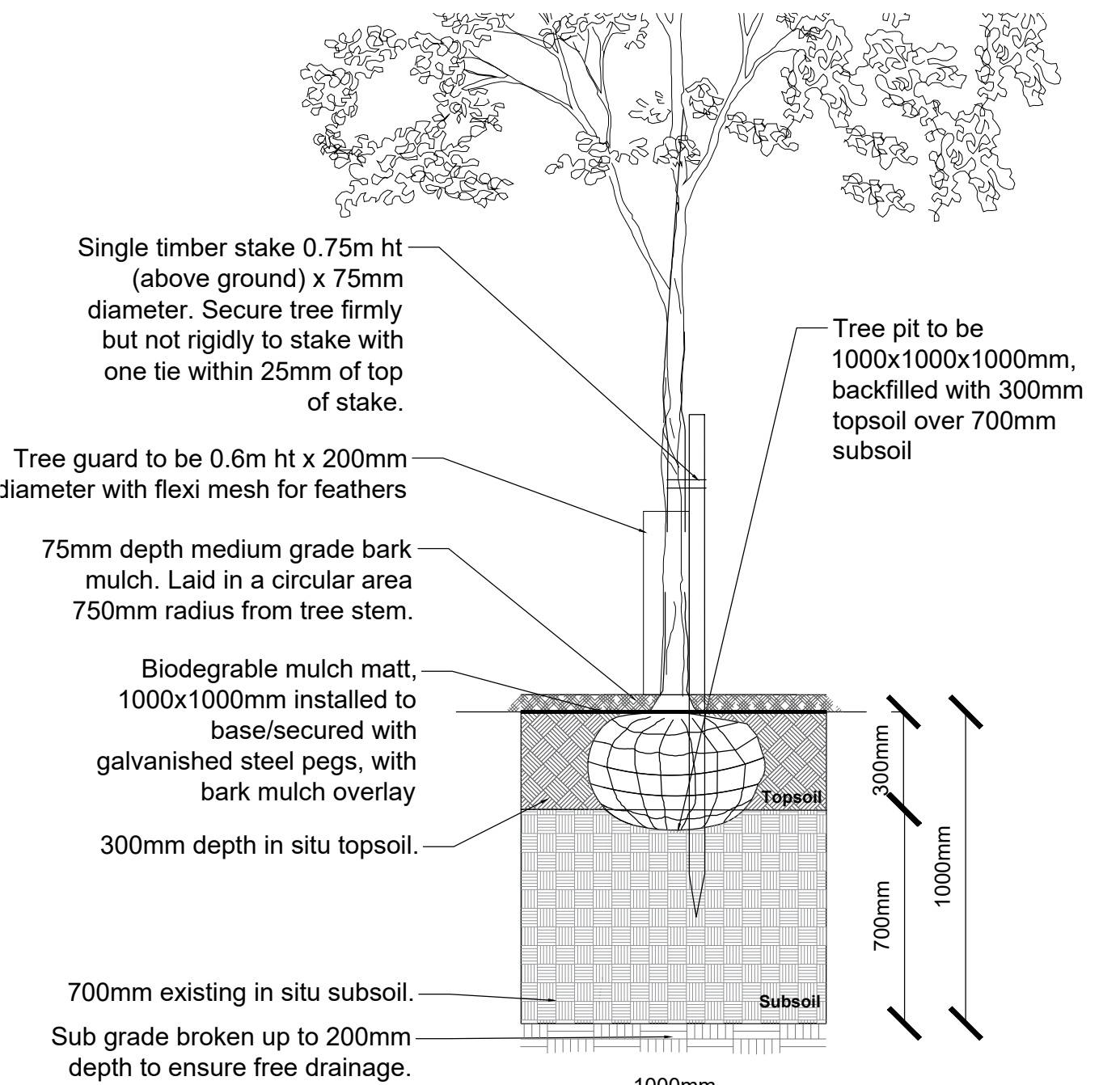
Trees in rough grass

- prepared tree pits, approximately 300mm greater than root ball/roots and wide enough to accommodate roots when spread. Soil loosened around edges and bottom of tree pit to eliminate compaction and improve drainage. All trees to be planted in the pits with a slow release fertiliser as directed by the manufacturer's instruction;
- All selected standard trees are to be protected by a bio-degradable tubelike collar and should have a minimum of 1m diameter and a minimum height of the trunk of 1.8m. All trees to be planted with and sprouts with 75mm minimum grade mulch (British origin, FSC certified). All mulch to be pest, disease and weed free and shall not have been treated with any pesticides or herbicides. The pits are to be lined with a 100mm thick layer of 10mm maximum grade mulch (British origin, FSC certified). All mulch to be pest, disease and weed free and shall not have been treated with any pesticides or herbicides.
- All selected standard trees to be supported by 1 No. 75mm x 1500mm diameter softwood timber stake and 1 No. bio-degradable adjustable tree Stakes to be well driven into the ground at least a minimum of 300mm in both directions from the trunk. Stakes to be pressure treated, round, peeled, bark on and similar.

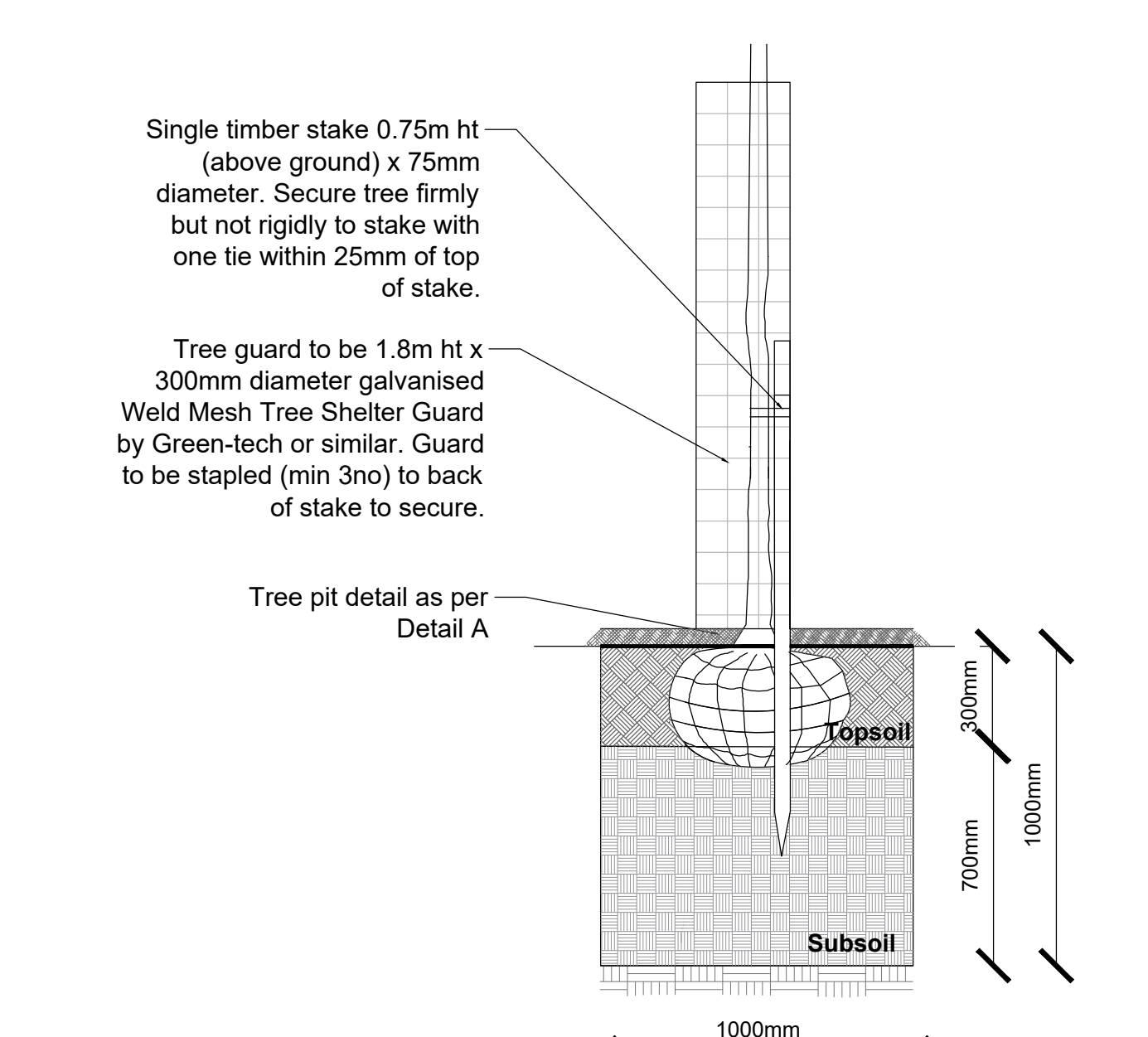
DETAIL PLANT SCHEDULE

Trees				
Number	Species	Height	Girth	Specification
4	<i>Acer campestre</i>	1.75 - 2.0m		Bare root; fully furnished feather
10	<i>Acer campestre</i>	3.0-3.5m	10-12cm	Bare-root; Standard
20	<i>Crataegus monogyna</i>	1.75 - 2.0m		Bare root; fully furnished feather
3	<i>Crataegus monogyna</i>	3.0-3.5m	10-12cm	Bare-root; Standard
8	<i>Prunus avium</i>	1.75 - 2.0m		Bare root; fully furnished feather
14	<i>Prunus avium</i>	3.0-3.5m	10-12cm	Bare-root; Standard
6	<i>Quercus robur</i>	1.75 - 2.0m		Bare root; fully furnished feather
14	<i>Sorbus aria</i>	3.0-3.5m	10-12cm	Bare-root; Standard

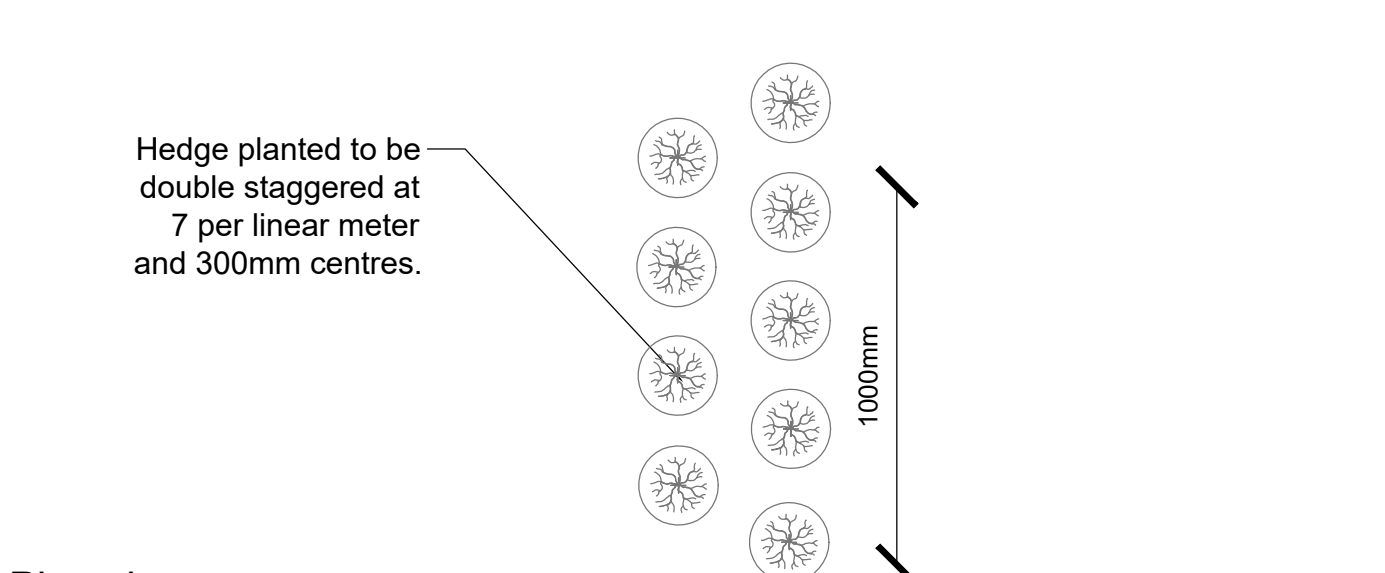
Hedges			
Number	Species	Height	Specification
308	<i>Acer campestre</i>	60-80cm	Whip, 1+1;
308	<i>Corylus avellana</i>	60-80cm	Whip, 1+1;
612	<i>Crataegus monogyna</i>	60-80cm	Whip, 1+1;
156	<i>Eunonymus europaeus</i>	60-80cm	Bare-root transplant
308	<i>Ilex aquifolium</i>	40-60cm	Containerised, 2L pot
612	<i>Prunus spinosa</i>	60-80cm	Bare-root; transplant
156	<i>Quercus robur</i>	60-80cm	Bare root; transplant
156	<i>Rosa canina</i>	60-80cm	Bare root; transplant
308	<i>Sambucus nigra</i>	40-60cm	Containerised; 2L pot
156	<i>Viburnum opulus</i>	40-60cm	Containerised, 2L pot



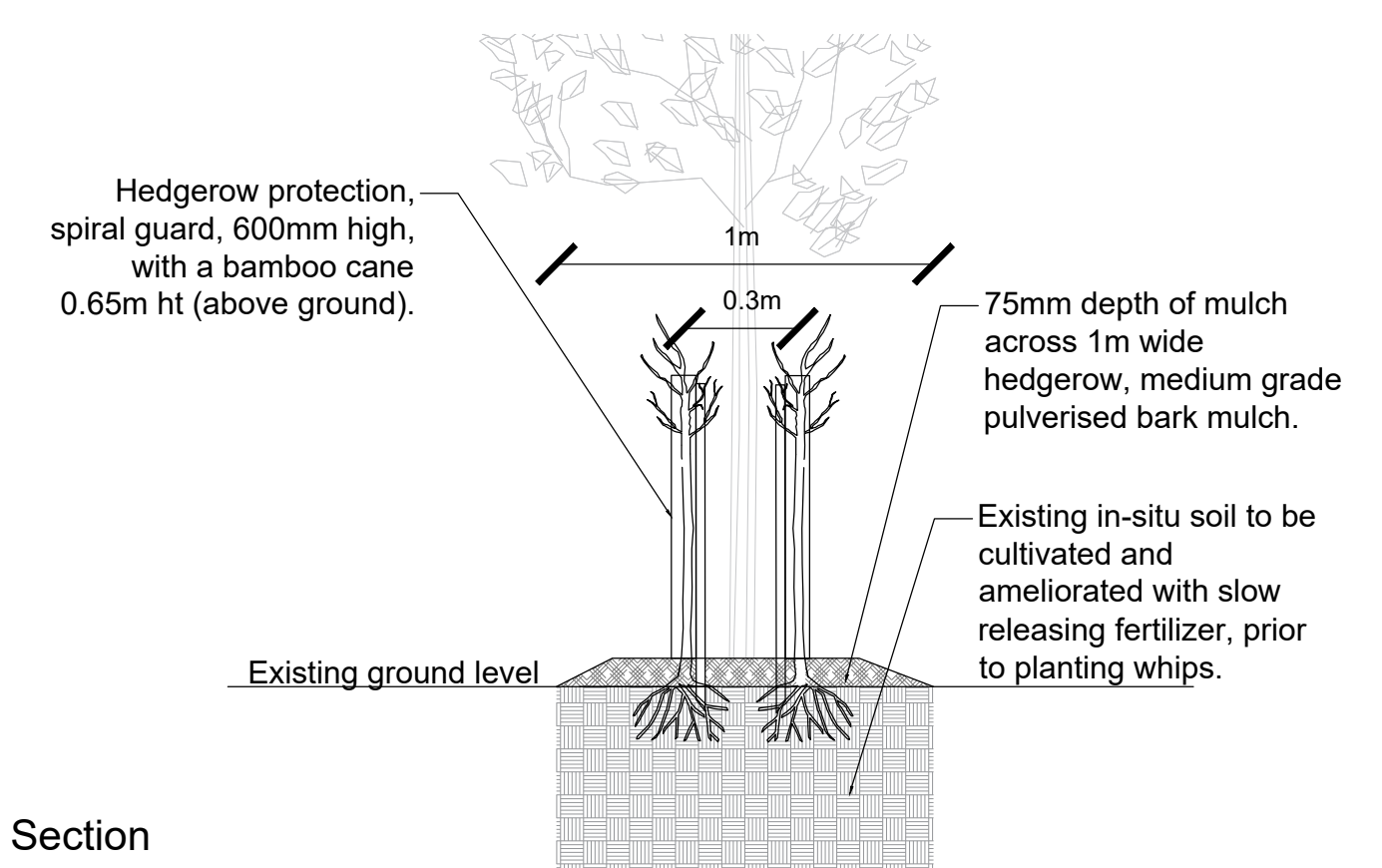
DETAIL A: Typical Tree Pit Detail | 1:50 Scale



DETAIL B: Typical Tree Pit With Weld Mesh Protection Detail | 1:50 Scale



Plan view



DETAIL C: Typical Hedgerow Detail | 1:50 Scale

