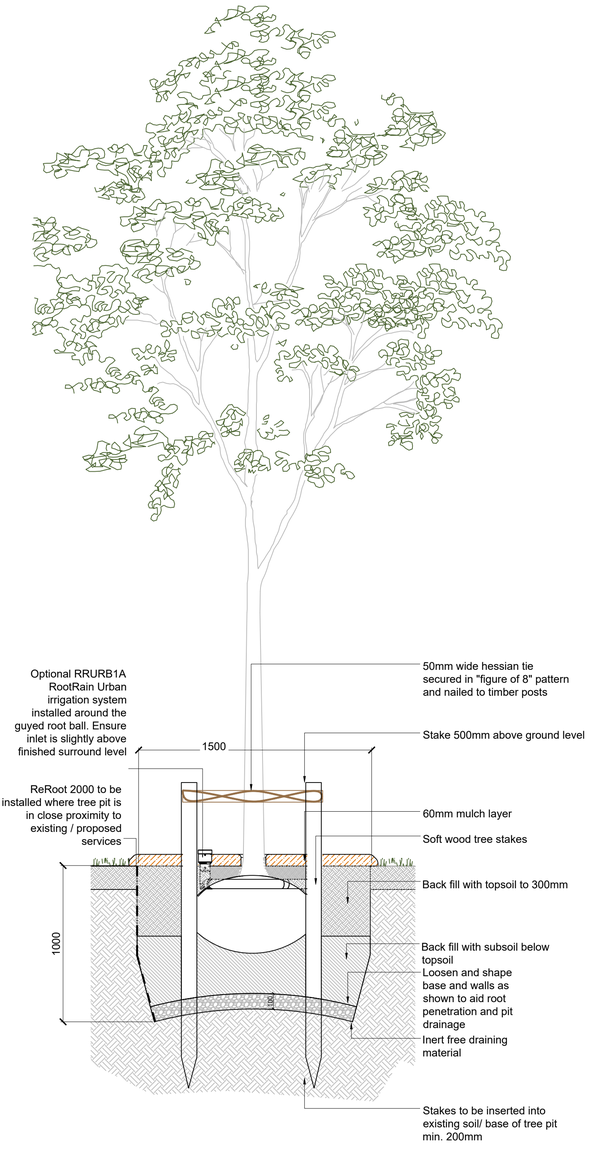


D01 / 310 **Tree Pit detail - staked**

Scale 1:20

LANDSCAPE SPECIFICATION NOTES

General
All plant material will comply with BS 3936 1: 1992 and BS 8545: 2014 or European equivalents. All planting shall be UK grown, peat free and obtained from a reputable and approved nursery.

Plant material should be fully hardy and be free from pests and diseases. All plants shall have well developed branches with a good fibrous root system. They shall be good bushy specimens, shrubs to have a minimum of three stems in the lower third.

Castle Green Homes is entitled to inspect the plants at the place of supply prior to delivery and can reject during inspection, any material which does not meet the specification.

Implementation shall begin during first planting season available, following completion of the hardworks.

Existing Tree Protection
Areas of existing individual trees on the site will be protected by the use of stout fencing erected at a specified distance from the base of the trees, as per Arboricultural Consultants Tree Survey and Arboricultural Implications Assessment, to British Standard 5837:2012.

All tree protection fencing will be erected prior to the commencement of the development. This fencing will be regarded as inviolate. Once erected the fencing will remain in situ and will not be removed or altered without the prior consent of the LPA's Arboricultural Officer in consultation with the Landscape Architect / Arboriculturalist.

Prior to and during all construction works on site no spoil or construction materials will be stored within the crownspread of any tree on, or adjacent to the site; even if proposed development is to be within the crownspread. Any encroachment within this protected area will only be with the prior agreement of the LPA's Arboricultural Officer.

Ground Preparation
Areas to be planted should be decompacted and thoroughly broken up by machine before any topsoil is spread. Areas within 10m of tree trunks should be broken up by hand, taking care not to damage any roots. Topsoil should be spread to a minimum of 350mm in planting beds and 150mm under grass areas. After settlement, finished topsoil levels should be 80mm below top of kerb to accommodate bark mulch. Topsoil in grass areas should be spread so as to be 20mm below any adjacent paved areas or kerbs after settlement to allow for turf. Final topsoil levels will be finished by hand to ensure smooth profiles, avoiding ruts, depressions or high spots. Areas shall be married into existing areas allowing for settlement.

Existing and imported multipurpose topsoil shall confirm to BS 3882:2015. A Declaration of Analysis sheet should be supplied if requested by the Landscape Architect.

Topsoil and Subsoil
If acceptable, topsoil and subsoil shall be taken from stockpiles on site or imported from an approved source. Imported and re-used from on site topsoil shall be a loam type, to BS 3882:2015, be free of contamination and contain a maximum of 15% clay or silt fines, subsoil to be BS8601:2013. A topsoil and subsoil sample shall be provided to the landscape architect with structure analysis for general landscape purposes. Topsoil from stockpiles on site shall have been loose tipped, not piled above 2.5m and shall have not have been compacted by site plant. All topsoil heaps shall be regularly treated with herbicide and again prior to use, to prevent the spread of unwanted seed banks.

Chemical Use
Non-chemical methods of weed and pest control shall always be prioritised. The use of chemicals shall be minimised and only undertaken where necessary as part of an Integrated Pest Management (IPM) approach.

All herbicides, pesticides and fertiliser use shall:
(1) Be approved for use by Landscape Architect
(2) Be approved for use in the UK.
(3) Be applied strictly in accordance with manufacturer instructions.
(4) Be stored, handled and disposed of in accordance with the 1997 Control of Pesticides Regulations and the 2003 COSHH regulations.
(5) Be applied only by suitably qualified operatives.
(6) Avoid contamination of watercourses, drainage systems and sensitive habitats.

Nutrition
Trees and shrubs shall initially rely on nutrients within the planting medium. Fertiliser application shall only be undertaken where required and identified through inspection. Where necessary, a balanced slow-release fertiliser may be applied in spring in accordance with manufacturer guidance.

Soil conditions shall be monitored during the 12-month period, and any signs of nutrient deficiency shall be addressed appropriately.Trees in constrained or hard landscape environments may require additional targeted feeding if performance indicates need.

Irrigation
Adequate watering is essential during the 12-month establishment period to ensure successful plant establishment. Watering shall be adjusted according to weather conditions, soil moisture levels and plant requirements. Particular attention shall be given during dry or warm periods.

Water shall be applied slowly and directly to the root zone to ensure deep soil penetration and avoid runoff.

Advisable to use 75 litre irrigator bag. (Use two single bags zipped together back-to-back to water trees with a diameter of 10cm to 20cm)

Setting Out
Planting of trees, hedgerows, shrubs and specimens shall be set out exactly as shown on this plan. No substitutions will be accepted without the prior agreement of the Castle Green Homes. The contractor shall replace immediately at their own cost any stock size, species or variety of plant which has not been specified on the planting schedule, unless agreed by the Castle Green Homes.

Hedgerows
Where shrub planting is specified within hard landscape areas, especially where less than 1m wide, haunching to kerbs shall be controlled by shuttering to avoid spread into planting areas and to maximise planting space between kerbs.
Hedgerow plants shall be planted in the centre of a prepared trench a minimum of 750mm wide and 300mm deep in a double staggered row at 6/m located at the centre of the trench. Following planting the top of the hedgerow plants shall be pruned as required with secateurs to create a straight level top to the hedge.

Tree Planting
Haunching to kerb edging around pit shall be controlled by shuttering, avoiding spread into tree pits and planting areas.

All tree planting to be double staked for trees>10cm girth.

All trees shall be supplied as the species and stock size indicated on the planting plan and planted in the locations shown. All trees shall have a single clear leader with a straight trunk and balanced crown.

Check with Castle Green if trees should be fitted with a perforated watering tube to sit around the top of the rootball to allow efficient watering. Include an end cap and top cap or vent to prevent entry of vegetative litter or vermin. During first 12 month establishment period watering to be undertaken via an irrigator bag. A single tree irrigator bag holds approximately 75 litres of water which is gradually released over 2 to 6 hours.(Depending on soil type and conditions). If circumstances present drought or flood conditions, the contractor will confirm requirements with Castle Green.

Shrub and Herbaceous Planting
All plants shall be healthy, disease free, not pot bound, leggy or spindly. Any plants not conforming to this specification will be lifted and replaced at the Contractor's own expense. In all cases where the shrub height is described in the schedules this shall be measured from the root collar the top of the main canopy. The spread of a plant shall be related to the body of the canopy.

Shrubs will have been cut back if necessary to give a bushy form with three to four shoots. Usually container grown specimens are specified, and these shall irrespective of time of planting, have been established in a container long enough for substantial new root growth to have been produces within the container. Herbaceous perennials shall have well-formed root systems which fill the container without being root bound.
All shrubs and herbaceous plants shall be watered in on planting with 20 litres of water per square metre. If circumstances present drought or flood conditions, the contractor will confirm requirements with Castle Green Homes.

Grass Areas/Seeded Areas
Refer to key for specification of mixes/turf.

Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Levels to be graded to form finished levels as indicated in section “Topsoil”. Roll, fertilize at 50g/sq. m 10-14days prior to seeding, sow at a rate of 5 g/sq. m and lightly rake. First cut to be undertaken when grass reaches 50mm.

Wet meadow and species rich mixes:
Mixes to be seeded on a prepared base of subsoil 150mm deep, cultivated to a medium tilth with all stones larger than 15mm diameter removed with additional 300mm subsoil below cultivated subsoil or into existing topsoil (consider reducing productivity through digging existing subsoil into topsoil or adding imported subsoil into existing topsoil. Carry out two equal sowings at right angles to each other and diagonally to main axis. Broadcast manually or use seed drill. Sow at a rate of 5 g/sq.m (WFG9 Wetland and Pond Areas) and 10g/sq.m (WFG20 Eco Species Rich Lawn) rake level and roll. Ensure good seed to soil contact.

Mulching
Bark Mulch - After planting, supply and spread a mulch to a depth of 60mm over all planting areas.
(1) The bark should consist of even nominal particle size distribution of 5-35mm with minimal dust and fines and less than 5% wood content.
(2) The ph to be between 4.5 and 5.5
(3) The bark shall be pest, disease and weed free and not have been treated with methyl Bromide or any additives
(4)The bark should be Forest Stewardship Council (FSC) certified
(5)The bark shall have been tested in accordance with the requirements of BS 4790:1987, for fire resistance and be classified as having 'low' potential burn.

Site Maintenance and Management
The Landscape Contractor responsible for maintenance shall ensure all planted areas will be kept free of weeds.

All plants that are found dead, diseased or dying at the end of the first growing season shall be reported to Castle Green Homes. Areas of seed that have not become successfully established shall be reported to Castle Green Homes.

All enclosures such as railings, gates, walls and fences shall be maintained in good order in perpetuity. All bark and gravel mulch should be topped up annually to maintain specified depths, as required. Tree stakes, underground guy systems and ties should be checked and adjusted quarterly and stakes removed after the tree has been established, usually at the end of the first year in place.

Do not scale this drawing (printed or electronic version).

Contractors must check all dimensions from site

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All works to be carried out in accordance with the latest British Standards / Codes of Practice unless specifically directed otherwise in the specification.

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PLANTING TIME OF YEARS:
All planting will be carried out in the next availbale planting season at the appropriate time of year where possible:

Deciduous trees and shrubs: late October to late March.
Conifers and Evergreens: September/October or April/May
Herbaceous plants: September/October or March/April
Container grown plants: at any time if ground and weather conditions are favourable.
Dried bulbs, corms and tubers: September/October

REV.	DATE	DESCRIPTION	DRAWN	CHK'D
P02	05/11/26	Updated following comments	JP	SW
P01	29/10/26	First issue	JP	SW

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Client:
CASTLE GREEN HOMES

Project:
BRYN DERW, ABERGELE

Title:
LANDSCAPE SUPPORTING NOTES

Issue:
PLANNING

Drawn:	Checked:	Approved:
JP	SW	SA
Project: UG3419	**Scale @ A1:** 1:20	**Date:** 05/11/26
Dwg No: UG_LAN_LSN_DRW_310		**Revision:** P02