

**Planting Notes**  
 These planting notes are guidelines for planning purposes only:

**1.0 - General**  
 1.1 - All setting out shall be subject to the Landscape Architect (CA) on site.  
 1.2 - All relevant, current British Standards will apply.  
 1.3 - Planting will not be undertaken during waterlogged or frost bound conditions.  
 1.4 - Root barriers are to be installed where necessary.

**2.0 - Soils**  
 2.1 - It is important that **all imported soils** have an interpretative report demonstrating fitness for purpose. Imported soils must not only meet BS, but have been found via a soil scientists interpretative report to be fit for the specific landscape function and contain no contaminants. If it is intended to re-use site-won soil then there must be a Soil Resource Survey and Plan - showing that a soil is fit for purpose in terms of human health and demonstrate fitness for plant health.  
 All imported subsoil within shrub planting areas and as a seeding substrate, shall comply with BS 8601:2013 and point 2.1. Cultivate to alleviate any compaction and any sharp surface prior to topsoiling and to ensure suitability for wildflower / grass seeding.  
 2.2 - All imported topsoil shall comply with BS 3882:2015, point 2.1 and shall be approved by the CA.  
 2.3 - Typically soil profiles are as follows: 150mm topsoil over 150mm subsoil for grass, 300mm topsoil over 300mm subsoil for shrubs and 300mm topsoil overlaid on 600mm of subsoil for trees.

**3.0 - Planting**  
 3.1 - Trees must be compliant with Table 1, p.21, BS 8545:2014. This is specific to tree form and is in the format of a checklist that should be ticked off by the landscape architect on delivery (and ideally prior to delivery) of trees.  
 3.2 - Tree handling, storage and planting to be in accordance with BS8545. All trees shall be planted in uncompacted tree pits (see detail). This should be applied to the likely rooting zone proximity - allow for 5m<sup>3</sup> per tree. Pits shall include drainage provision and irrigation. (See GreenBlue Urban tree planting provisions for these) Staking as per planting schedule / details.  
 3.3 - All shrubs shall be planted within a minimum of 300mm topsoil.  
 3.4 - A slow release fertiliser shall be applied to each bed at time of planting.  
 3.5 - Bark mulch shall be applied with a top dressing to each planting bed including tree pits in all soft landscaping areas. Each planted tree will have a 1m diameter circle around it to be stripped of turf or other surface vegetation. Mulch to be laid to a depth of 75mm after planting and tapered to 25mm over root ball.  
 3.6 - Plant species to be as specified and approved by CA.  
 3.7 - All plants shall conform to BS3936-1:1992 and planting operations shall be carried out in accordance with the relevant sections of BS4428:1989.  
 3.8 - When planting daffodils and crocus, broadcast the bulbs by hand and plant where the bulbs fall to create natural swathes at the approximate density and within the areas indicated on the planting plans and plant schedule.  
 3.9 - For details of planting within the bioretention areas, see drawings 0309-0316.

**4.0 Grass/Species-rich/Wildflora seeding**  
 4.1 All amenity grass areas shall be topsoiled to a depth of 150mm over an aerated 150mm of subsoil.  
 4.2 All species-rich/Wildflora areas shall be imported or exposed subsoil or existing soil surfaces to be retained.  
 4.3 Areas of grass/species-rich seeding shall be cultivated to a minimum depth of 150mm prior to grass seeding and all stones in excess of 25mm removed. The surface shall be raked to smooth flowing contours and a fine tilt.  
 4.4 Details of seed mixes shall be as specified in Plant Schedule (drawing 0317)  
 4.5 Wildflora or species-rich mix to broadcast onto cultivated subsoil/existing soil areas in accordance with seed suppliers recommendations.  
 4.6 Seed shall be broadcast at supplier's recommendations and maintained as per supplier's instructions.

**5.0 - Maintenance**  
 5.1 - All planted areas shall be subject to a maintenance programme, which will include the replacement of failed plants at the time of practical completion and in each following year.  
 5.2 - The programme of maintenance operations shall include the following:  
 - Weeding and watering  
 - Top dressing with fertiliser  
 - Replacing/securing/tightening/loosening of tree stakes/ties as required.  
 - Litter picking  
 - Pruning of trees and hedging  
 - Care of perennials and ornamental grasses

- KEY:**
- Red line boundary
  - Shrub and perennial planting
  - Ornamental hedge planting
  - Ornamental gravel
  - Bulb planting in lawn
  - Bioretention matrix planting
  - Bioretention central shrubs
  - Native hedge planting
  - Emorsgate Seeds EL1 Flowering Lawn Mixture
  - Emorsgate Seeds EM2 Standard General Purpose Meadow Mixture
  - Shade-tolerant wildflower mix to not include any toxic species
  - Emorsgate Seeds EM8 Meadow Mixture for Wetlands for attenuation basin base.
  - Emorsgate Seeds EM4 Meadow Mixture for Clay Soils
  - Proposed tree
  - Retained existing tree canopy
  - Retained existing hedgerow
  - Removed vegetation
  - Root protection area



**NOTES:**  
 NOT FOR SITE PURPOSES: This drawing is a general arrangement plan only and is not intended for site purposes.  
 SCALE: Do not scale from this drawing.  
 SETTING OUT: All setting out, levels, dimensions to be agreed on site. Do not use the information on this drawing without checking all dimensions on site. Any discrepancies between drawings, specifications and site works are to be reported to The Urbanists. Order of construction and setting out is to be agreed on site.  
 CHECK: This drawing must be the latest revision, read in conjunction with all other drawings, details, specifications and schedules. All dimensions are in millimetres unless otherwise stated. Where and contradiction or uncertainty arises between the drawings and/or the schedule of works, it is the contractor's responsibility to seek verification from The Urbanists before proceeding. No claims will be met by The Urbanists, where the contractor continues work in absence of such confirmation.

No.	Date	By	Revision Notes
P01	13/04/2021	GE	Plot changes and Buxus added

PROJECT STATUS: **S3 (SUITABLE FOR REVIEW)**

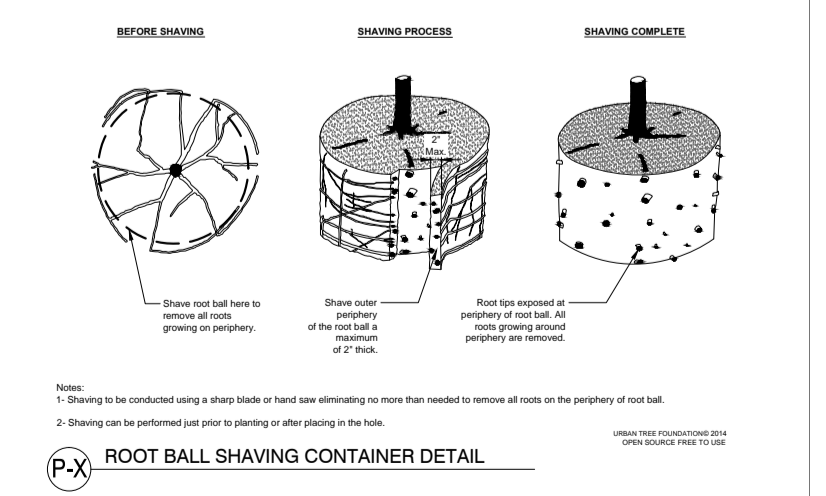
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 planning & design

Client: Barratt Homes  
 Project: Llewelyn Road, Penllergaer  
 Title: On-Plot and Public Open Space Planning [1/8]

Project ID: 1898 URB XX XX DR L 90 0301 P01  
 Status: S3

Drawn: GE Date: 13/04/2021 Checked: GB Scale: 1:200@A1

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If the roots within the container for the proposed trees require root shaving, due to roots growing periphery - see the above for correct procedure prior to planting. Perishable wrappings and cages such as single layer untreated hessian and narrow gauge chicken wire cages may be retained until the tree is in position but then the upper third of the wrapping and cage should be removed at the same time as back-filling.