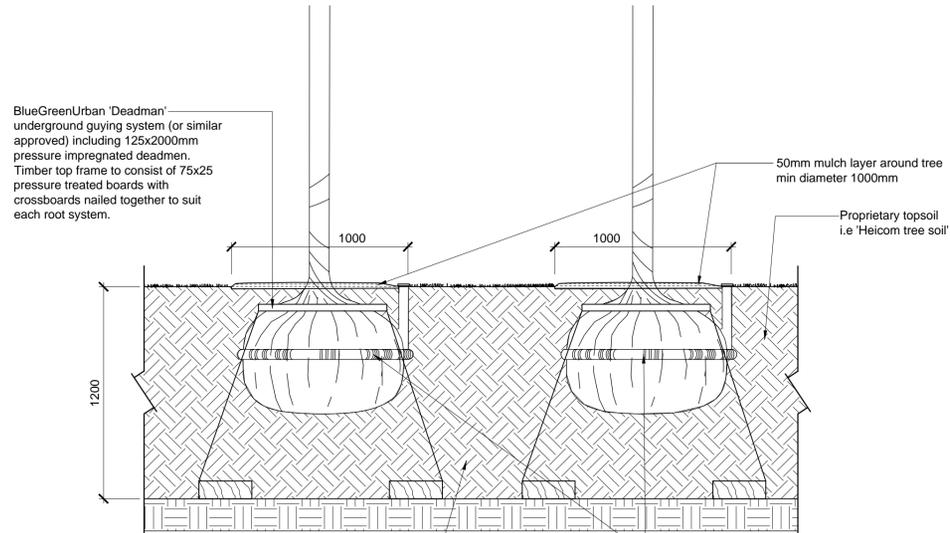
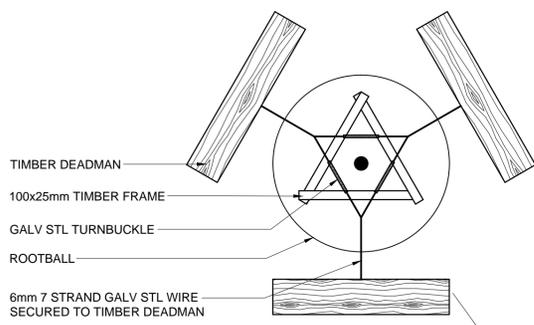


01 Tree pit In Paved area  
scale 1:20



02 Tree pit In softworks area  
scale 1:20



03 Detail Plan  
Tree stabilization 1:20

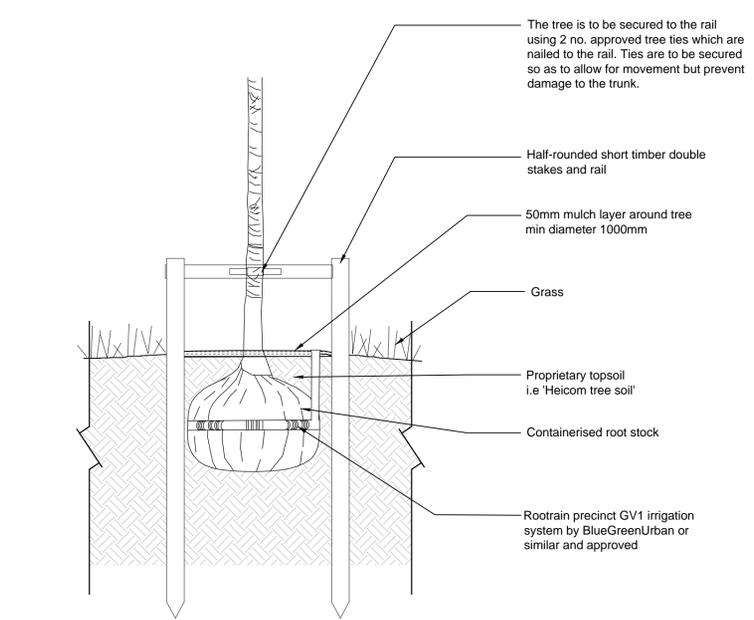
Tree pit design to be in accordance with BS 8545:2014

With regard to tree pit sizes refer to clauses:

10.5.1 - Planting depth is critical to transplanting success. Planting too deep often identified as a common cause of failure.

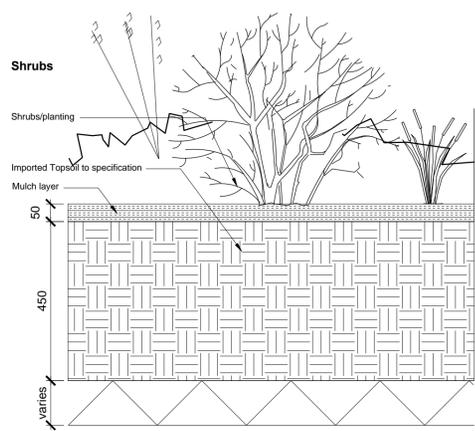
10.5.8 - The planting pit should be no deeper than the existing rootball or container depth.

10.5.10 - Tree pits should have a diameter at least 75mm greater than that of the root system.

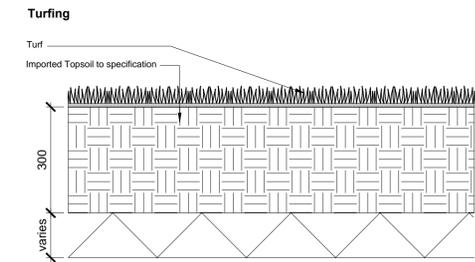


04 Tree pit Staked  
scale 1:20

- Notes:
1. Drive in the stakes so that they are a minimum of 300mm below the bottom of the pit and 650mm above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, preserved to resist rot for their intended life span, and strong enough to take nails without splitting.
  2. Secure the rail to the stakes with 2 no. galvanised nails per stake.
  3. Protect the tree base from rabbit damage etc by using a tree guard.
  4. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots.
  5. Tree planting on sloping ground steeper than 1:6 to be staked at an angle of 45°



05 Shrub Planting  
scale 1:10



06 Turf  
scale 1:10

- NOTES
- IMPORTED TOPSOIL FOR ALL LANDSCAPE AREAS
- Provide topsoil to the following specification.
  - Source: to be approved
  - Texture: Sand (0.05-2.0mm) max. 75% min. 20%
  - Silt (0.002-0.05) max, 60% min. 5%
  - Clay (less than 0.002mm) max. 30% min. 5%
  - Reaction: pH 6.5 - 7.0 to BS 1377:Part 3.
  - Organic matter: not less than 4% on dry weight basis
  - Electrical conductivity: below 1500 microhoms per cm in 1:2.5 soil: water extract.
  - Chemical content threshold for grassed areas shall be an index of 3 or over for phosphates and 2 or over for potassium. For shrub areas an index of 3 or over for phosphates, potassium, magnesium and nitrogen.
  - Made up of discernible crumbs, typically of 2 - 7 mm diameter, each comprising an aggregation of soil particles attracted around a sticky humus centre.
  - Maximum size of stones in any dimension: 20 mm.
  - Maximum stone content by dry weight: 35 % of which the fraction 2mm-5mm must not exceed 20% by dry weight.
  - On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, or other foreign matter.
  - Provide test certificate to verify the above
- SPREADING TOPSOIL
- Temporary roads/surfacing: Remove before spreading topsoil.
  - Layers:
  - Depth: See diagrams
  - Gently firm each layer before spreading the next. Do not consolidate
  - Overall minimum depths after firming and settlement to be:
  - Grass Seeded Areas: 150mm
  - Grass Areas: 150mm
  - Shrub Areas: 300mm
  - Tree Pits: 1400x1400x1200mm
  - Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.
  - Do not spread topsoil in wet weather or when soil is saturated
- MULCH TO SHRUB PLANTING
- All planted areas to have layer of 50mm depth 'Melcourts' Ornamental bark mulch or similar approved.

notes

- The contractor is responsible for checking dimensions, tolerances and references. Any discrepancy to be verified with the Architect before proceeding with the works.
- Where an item is covered by drawings to different scales the larger scale drawing is to be worked to.
- Do not scale drawing. Figured dimensions to be worked to in all cases.

CDM Regulations 2015

ALL current drawings and specifications for the project must be read in conjunction with the Designer's Hazard and Environmental Assessment Record.

08/12/16	C	Tree pit information updated	MQ/AGF
24/06/16	B	Issued for planning	MQ/AGF
03/07/15	A	Drawing amended to reflect comments by Silver. CDM date changed	MQ/AGF

date	rev	revision/author/checker
------	-----	-------------------------

purpose of issue	PLANNING
project	Bicester Eco Town Exemplar Site, Phase 2
drawing	LANDSCAPE PLANTING DETAILS

drawing no	AL4908-2102	rev	C
------------	-------------	-----	---

drawn	MQ	checked	AGF
scale @ A1	1:20	date	April '15

Plants are to be grown and supplied in accordance with National Plant Specification, and planted and maintained to BS4428: 1989