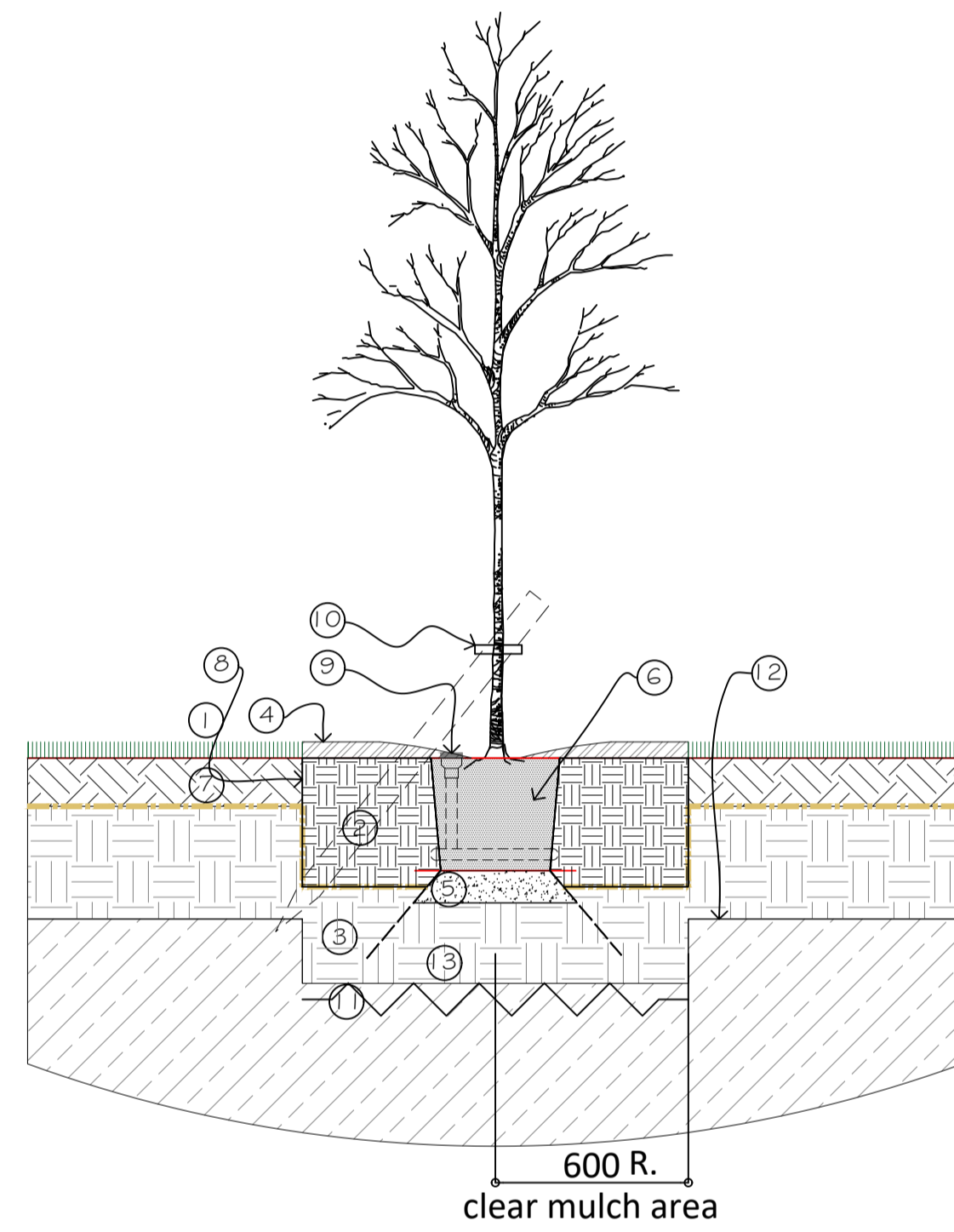


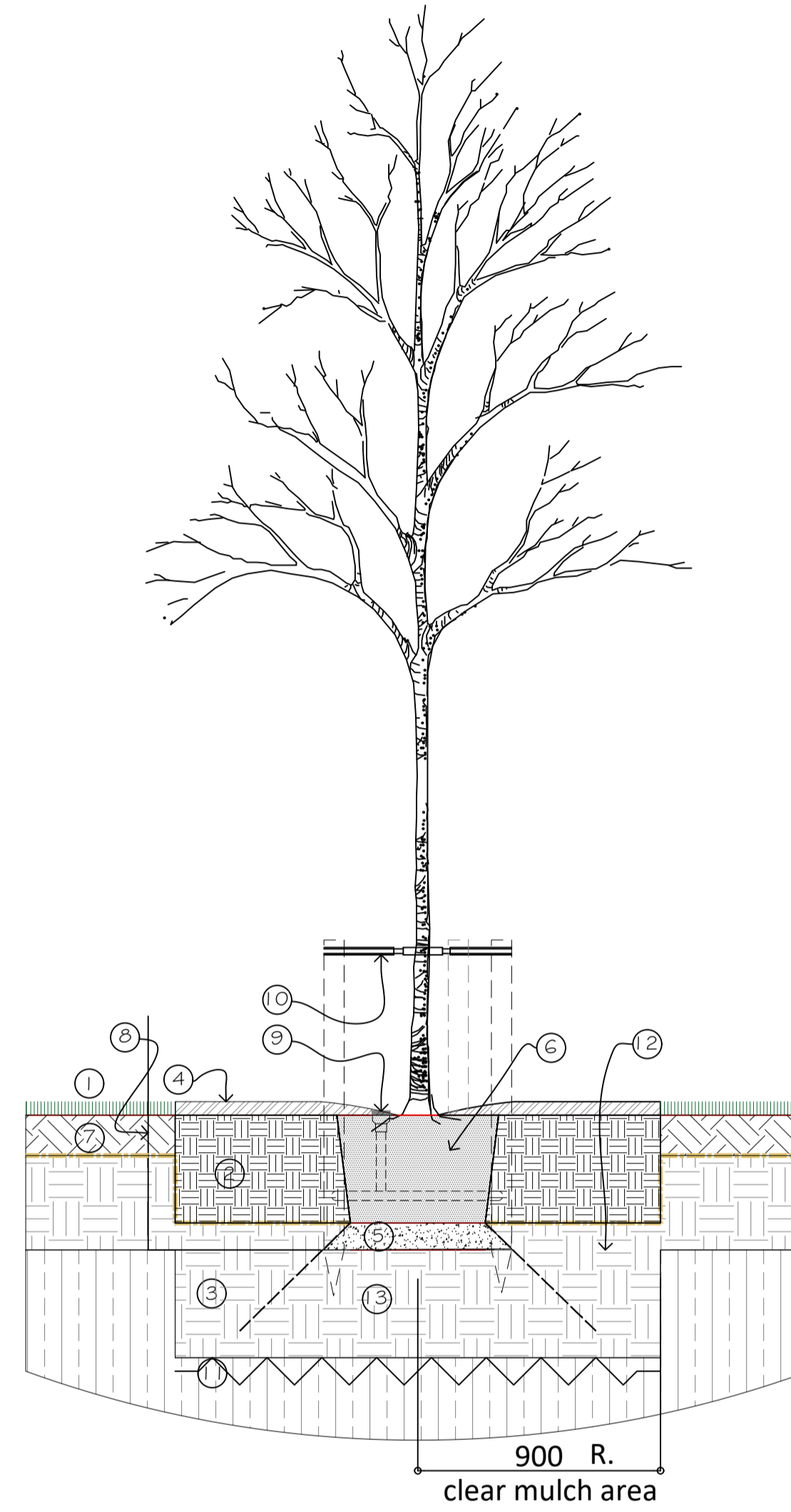
Ben's Yard - Tree Pit Sections



Key (To be read in conjunction with notes, SRP and specification)

1. Existing grass sward
2. Circa 400mm depth topsoil, placed in 200mm layers and consolidated
3. New subsoil - min 300mm depth to tree pit
4. Spruce bark mulch layer - 1m radius, 50mm thick and tapering in depth to 25mm within circa 200mm from stem
5. 100mm depth of horticultural grit on top of sub-grade
6. Outline of containerized root-ball
7. Topsoil to grass areas - circa 200mm depth
8. Outline of tree pit - 1.2 metre diameter x depth of container + 100mm
9. Irrigation tube - 35mm dia
10. Single oblique staking with spacer and strapping
11. Existing sub-grade - surface ripped prior to subsoil placement
12. Topsoil surface to be ripped / well broken
13. Consolidated subsoil dome to base of rootball

Tree Pit A - 6-8cm Fruit Tree Pit in Rear Garden and 8-10cm Tree Pit in POS



Key (To be read in conjunction with notes, SRP and specification)

1. Grass sward
2. Circa 400mm depth topsoil, placed in 200mm layers and consolidated
3. New subsoil - min 500mm depth to tree pit
4. Spruce bark mulch layer - 0.9m radius, 50mm thick and tapering in depth to 25mm within circa 200mm from stem
5. 100mm depth of horticultural grit on top of sub-grade
6. Outline of containerized root-ball
7. Topsoil to grass areas - circa 200mm depth
8. Outline of tree pit - 2 metre diameter x depth of container + 100mm
9. Irrigation tube - 35mm dia
10. Triple tree stakes and strapping
11. Existing sub-grade - surface ripped prior to subsoil placement
12. Subsoil surface to be ripped / well broken
13. Consolidated subsoil dome to base of rootball

Tree Pit B - 12-14cm Tree Pit in Front Garden, 8-10cm Native Rear Garden Tree and 14-16cm Tree Pit in POS

Notes -

Soils:

Topsoil - Site won and imported topsoil and topsoil amelioration to be in accordance with 'Soil Resource' report by Land Research Associates and NBS soft landscape specification.

Subsoil - Site won and imported subsoil and subsoil amelioration to be in accordance with 'Soil Resource' report by Land Research Associates and NBS soft landscape specification.

Tree Pits:

Tree Pit A = 1.2 x 1.2 x 0.7m deep as detail

Tree Pit B = 1.8 x 1.8 x 0.9m deep as detail

Tree Pits in Open Planting areas / POS - Pit to be 20% wider than container x depth of container + 100mm. s

Base and sides of tree pits to be scarified to ensure a good key with topsoil. Containerized root-ball of trees shall be set on a 100mm depth of horticultural grade grit.

Tree Specification:

Trees to be in accordance with the HTA National Plant Specification. Trees to be from approved nursery and inspected on delivery to be compliant with Table 1, p21, BS 8545:2014.

Root-ball shaving:

Containerized trees to be subject to root-ball shaving prior to planting unless they are clearly lacking circling roots. Shaving to be undertaken with sharp hand-tool to remove the outer inch leaving clean wounds to encourage lateral root development. No matted roots should obscure the root flare and no soil or compost should obscure the root flare.

Planting:

All trees to be planted at the same height as grown in the nursery - Top of containerized root-ball shall be level with existing ground. Ensure pit depth and grit layer are at the correct depth to archive correct planting height. Backfill pit in layers no thicker than 150mm to depth as specified - do not add compost or fertiliser.

Tree staking:

Containerised trees to be staked using 3no. untreated, rounded, wooden stakes set as an arrowhead with two to SW side, all stakes driven in to 500mm but projecting no more than one-third clear stem height above ground level, and attached firmly but allowing for flexure with GreenBlue Urban 'Nature-ties'. Stakes driven to avoid all roots but to be comfortably placed against the root-ball edge.

Bark mulch:

Provide and spread evenly Spruce Mulch Nuggets to a depth of 50mm. Mulching shall be free from toxins, pathogens and other extraneous substances harmful to plant, animal or human life. Ensure that all weeds have been cleared and that the soil have been watered thoroughly prior to mulching. Ensure that there is a clear bark mulch area of 900mm radius for 12-14cm girth trees / 600mm radius for 6-8cm girth fruit trees, measured from the tree stem, with mulch depth tapered down to 25mm depth for the 20 cm closest to the stem.

General notes:

Substitutions will only be permitted with prior agreement from the Local Authorities Tree officer. If substitution are agreed they shall be similar in size, form and water demand. The positioning of proposed trees are to avoid underground services.

Inspections :

All trees are to be inspected on site prior to planting - provide 5 days notice.
Tree pit excavations to be inspected on site prior to backfilling - provide 5 days notice
On completion, all works to be inspected and signed off by Landscape Architect.

In addition to the notes above all works are to be in accordance with the Project NBS Soft Landscape Specification and approved planting plans

Maintenance:

For maintenance and management refer to the approved Detailed Green Infrastructure Management Strategy (DGIMS) and section Q35 of the NBS Soft Landscape Specification.

CAMBIUM : Landscape architecture | Arboricultural consultancy

Project Ben's Yard

Title Typical Tree Pit Sections

Client David Cahill Design

Date November 2023 Drawn -

Scale 1:20 @ A1 Checked MW

Dwg No 1434-08 Revision - Status Planning

Cambium, Bankspace 145-147 East Street Bedminster Bristol BS3 4EJ