- Planting: tree compliant with Table 1, p.21, BS 8545:2014'. (into area of g retained soils)
cm girth Extra Heavy Standard
cm girth Extra Heavy Standard

2. Underground guy and tree anchors as per Landscape specification

3. Bark Mulch layer graded from 25mm at tree base out to 70mm with radius of 1200mm

4. Minimum disturbance to adjacent existing vegeation and soils. Maximum 4m working area.

5. Back fill with minimum of 300mm excavated topsoil (imported). Place rootball to a depth to achieve a gentle falls away from the truck on all sides to shed water rather than accumulate. Compact gently , ensure no machinery is used in the compacting of back fill

6. Back fill with minimum of 500mm subsoil (retained soil). Place rootball on top of subsoil. No geotextile membrane is to be used in construction of the tree pit or associated drainage. Refer to notes for rootball sizes

7. Back fill with 200mm minimum, drainage layer of washed Pea Gravel 5-7mm diameter. Provision to be made for positive drainage connection via perforated land drain pipe. The use of drainage layers should be subject to consideration by the soil scientist as part of the SRP. Similarly, disturbance to the pit base should be subject to consideration by the soil scientist as part of the following pit inspection on site)

8. Tree pits excavated in newly placed topsoil and subsoil horizons with tapered sides, scarified on all sides to remove glazing and decompact base to minimum depth of 150mm.

Notes

Tree Pit Detail - Tree planting within areas of Imported Topsoil and Subsoil (new landscape areas):
• Imported toposil and subsoil (required to full planting areas) as detailed in Base Landscape Plans
• Trees shall be planted according to the provision of BS 3936 as shown on the Urbanists planting plan.

• Rootball size as Extra Heavy Standards:

Trees 16-18cm grith,
Supplied as rootball stock dimensions of 60 cm x 60 cm
Supplied as airpot containers dimension of 70 cm x 60 cm

• Subsoil Layers around Tree Pits

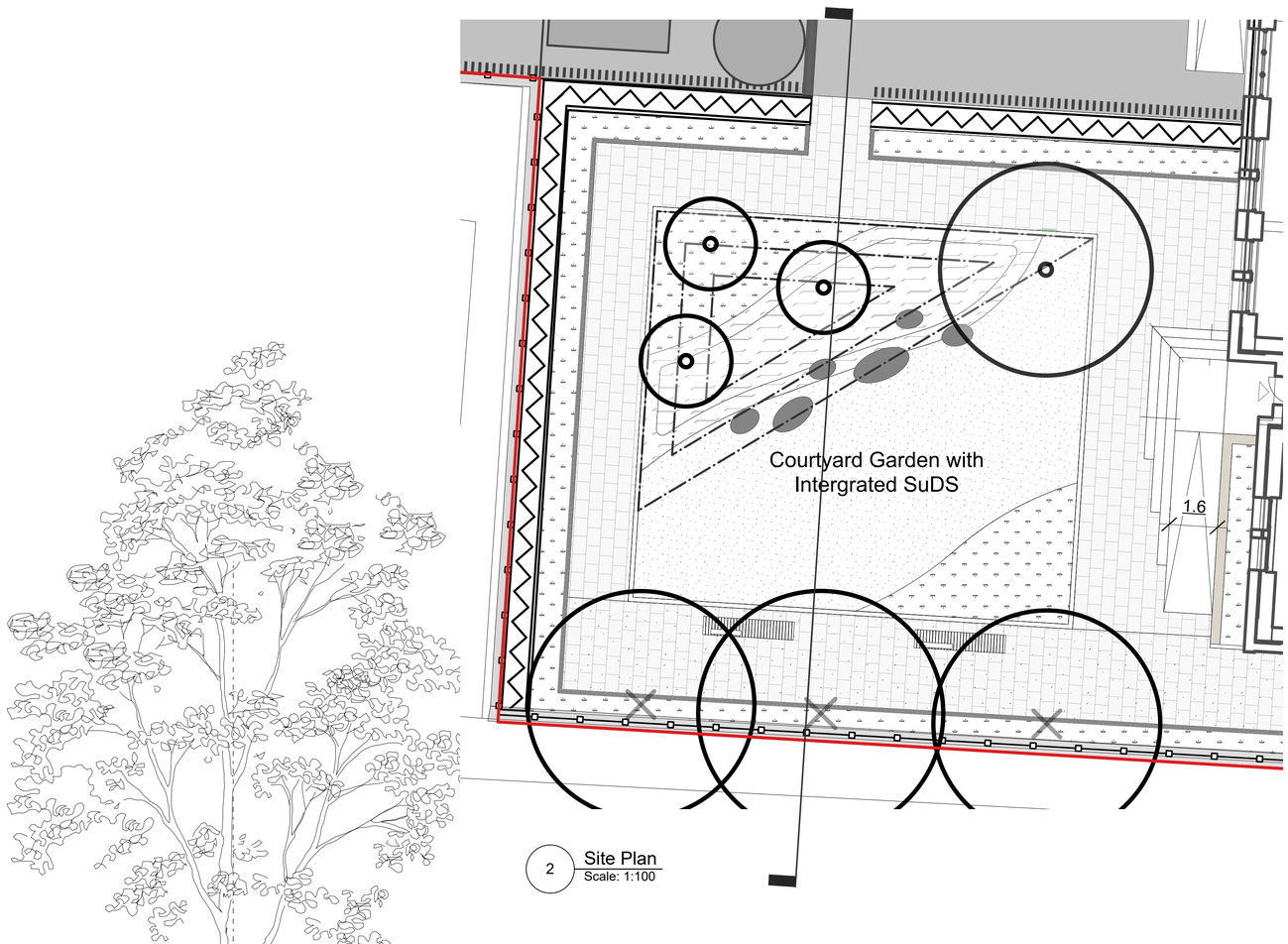
• The contractor is to ensure that the subsoil layer Is free draining to avoid ponding (de-compaction) no pee gravel or other aggregate is to be incorporated

• Backfilling of Tree Pits
Imported toposil and subsoil placed minimum 4 weeks prior to tree planting tp allow for settlement and re grading to achieve required levels and smooth flowing contours
Backfill with excavated soils placed locally to excavations keeping topsoil and subsoil separate and not mixed
Each backfill layer shall be thoroughly watered to expel air pockets and with due allowance for future settlement.

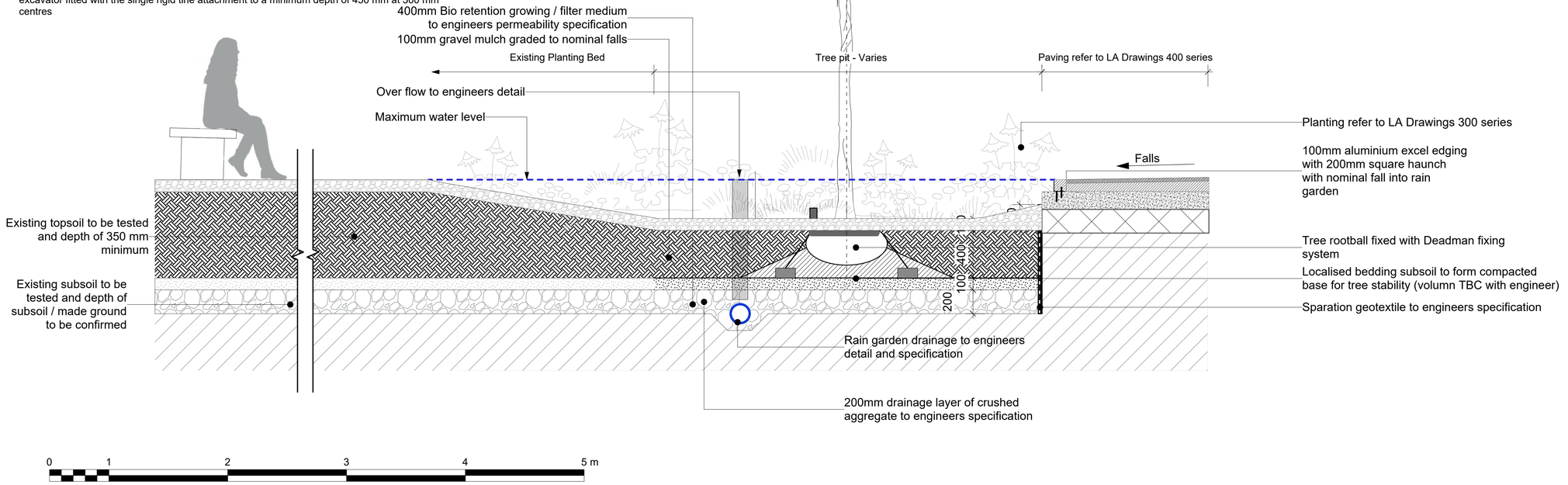
• No top soil is to be placed over the nursery line.

• It is important that root-ball wrappings are removed or in the case of fully biodegradable wrappings (e.g., single thickness untreated hessian) and friable root balls (due to soil texture), removed for the upper third of the root-ball at the same time as backfilling to support the root-ball.

• Decompaction of soil profile: Following topsoil spreading, the soil profile should be decompacted to break up the compaction caused during placement, e.g. by ripping using the excavator fitted with the single rigid tine attachment to a minimum depth of 450 mm at 300 mm centres



2 Site Plan
Scale: 1:100



1 Tree Pit Rain Garden Detail
Scale: 1:20

N

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	12/09/2025	WA	Stage 3 Issue

ISSUED STATUS

S4 (SUITABLE FOR REVIEW & AUTHORISATION)

the urbanists

Client: Tilbury Douglas LTD, on behalf of Neath & Port Talbot Council

Project: ELRS, Prot Talbot

Title: Tree Pit Detail (in rain graden)

Project ID	Organiser	Volume	Level	Type	Role	Dwg	Suit.	Rev.
100654	URB	XX	XX	D	L	0504	S4	P01

Drawn OO Date 07/08/2025 Checked MJ Scale Various@A1

The Urbanists (Cardiff) - Westgate House - 11 Womanby Street - CF10 1BR
The Urbanists (Bristol) - Generator Building - Finzels Reach - BS1 6BX
T: 029 20236133 - E: info@theurbanists.net - W: www.theurbanists.net
© This drawing is copyright and may not be reproduced in whole or part without written authority.