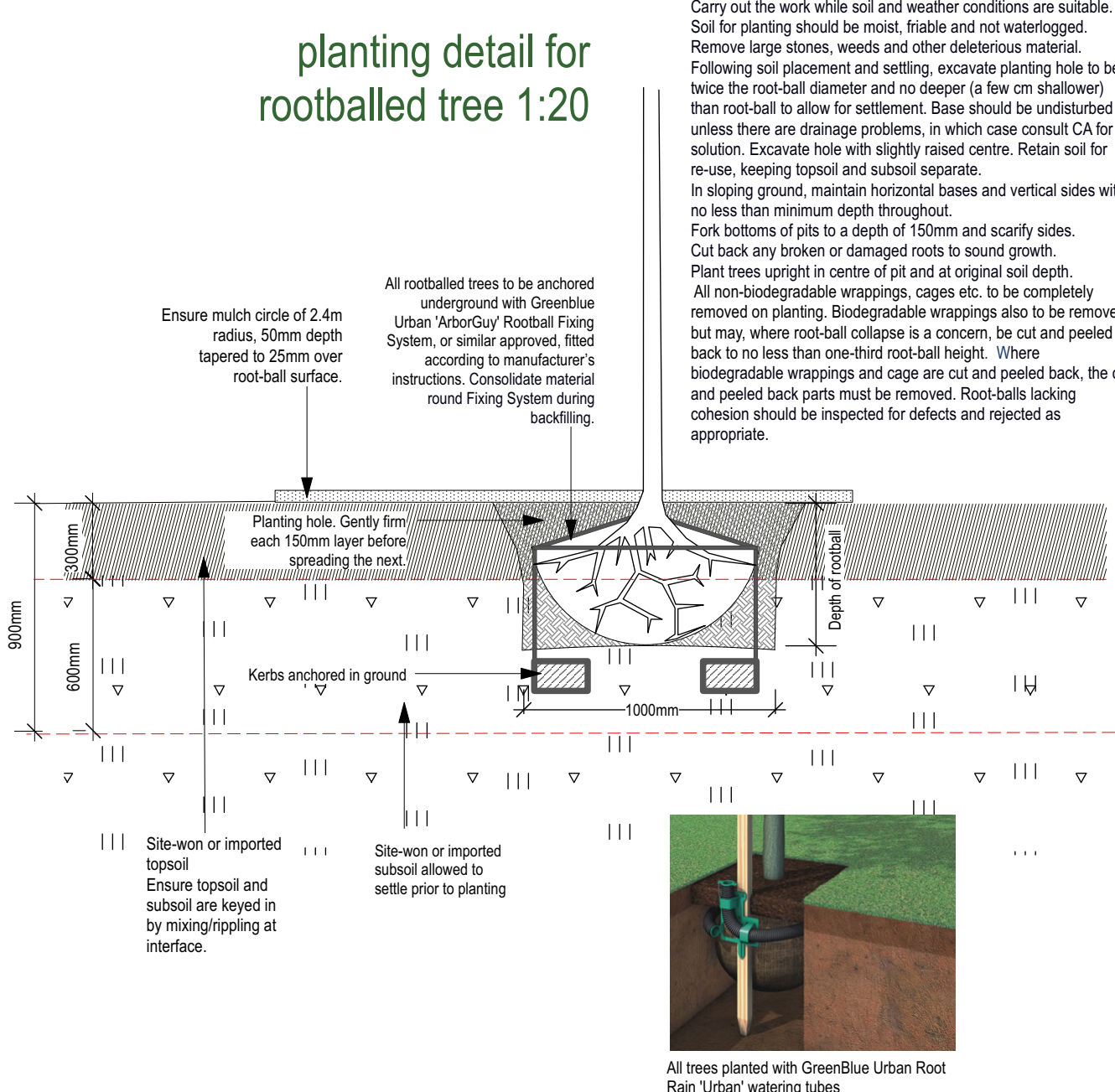


planting specification

Spacing	ID	No.	Latin Name	Scheduled Size	
TREE	Ag	4	Alnus glutinosa	16-18cmx	Rootballed
3/1mm	AgS	143	Aucuba japonica 'Salicifolia'	80-90cm, 7L	7 breaks in lower third, bushy
TREE	Al	6	Amelanchier lamarckii	12-14cm	single stem
5m/2	Apl	55	Aster pyrenaicus 'Luteol'	26-40cm, 3L	Bushy
TREE	Alg	8	Acer tataricum ssp. ginnala	3.5m fibred	BR
TREE	AzA	15	Acer x zoeschense 'Annae'	3.5m, 2m clear stem	20-24cm
SPEC	Ba	10	Buddleia alternifolia	60-80cm, 5L	7 breaks in lower third
TREE	BaF-10/12	31	Betula albosinensis 'Fascination'	10-12cm	Rootballed
TREE	BaF-18/20	21	Betula albosinensis 'Fascination'	16-20cm	Rootballed
5m/2	BE	60	Bergenia 'Emensis' 'Fascination'	30-40, 3L	Full pot
as shown	Ca-1	312	Corylus avellana	1+2, 80-100cm	BR
2.5/1mm	CaSi	384	Cornus alba 'Sibirica'	60-90cm, 3L	3 breaks in lower third
5/1mm	Cb-H	574	Carpinus betulus	100-125cm, BR	1+2, 5 breaks
2/1m2	CJ	97	Cotoneaster 'John Waterer'	40-60cm, 3L	3 breaks in lower third
as shown	Cm-BR	237	Crataegus monogyna	1+2, 80-100cm	BR
4m/2	CMF	337	Cornus sanguinea 'Midwinter Fire'	30-40cm, 3L	Bushy
TREE	Cpr	4	Crataegus punctifolia	16-18cm	Rootballed
as shown	Cs	414	Cornus sanguinea	1+1, 60-80cm	BR
4m/2	CsK	344	Cornus stolonifera 'Kelsey'	30-40cm, 3L	Bushy
4m/2	CWD	380	Choisya divaricata 'White Dazzler'	40-60cm, 3L	
3m/2	Cxp	149	Cistus x pulchellus 'Sunset'	40-60cm, 5L	7 breaks in lower third, bushy
5m/2	Dw	60	Dryopteris wallachiana	60-80, 7.5L	Full pot
3/1mm	Ee	226	Elaeagnus ebbingei	30-40cm, 3L	3 breaks in lower third
2/1m2	Esi	64	Escallonia 'Iveyi'	40-60cm, 3L	Full pot
4m/2	GJB	309	Geranium 'Johnson's Blue'	2L	Full pot
8m/2	Gm	60	Geranium macrorrhizum	2L	Full pot
CLIMBER	HDV	339	Hedera colchica 'Dentata Variegata'	60-90cm, 3L	canecl, mix 2 breaks
4m/2	HHB	41	Hebe 'Midsummer Beauty'	30-40cm, 3L	3 breaks in lower third
4m/2	HHH	230	Hedera helix 'Hibernica'	9cm pot	Full pot
3m/2	HPD-1	275	Hydrangea paniculata 'Pink Diamond'	40-60cm, 3L	5 breaks in lower third
4m/2	HSO	72	Hemerocallis 'Stella d'Oro'	30-40cm, 3L	Full pot
3m/2	HW	149	Hebe 'Wormist'	30-40cm, 5L	3 breaks in lower third
6m/2	HxH	249	Hebe x pulchellus 'Sunset'	20-30cm, 3L	Full pot
as shown	la-H	155	Ilex aquifolium	120-150cm, 7L	5 breaks in lower third
6m/2	lla	452	Iris laevigata	20-30, 3L	Full pot
3m/2	lp	167	Iris pseudacorus	9cm pot	full root ball
6m/2	IRB	149	Impatiens cylindrica 'Red Baron'	3L	Full pot
6m/2	Isb	365	Iris sibirica 'Caesar's Brother'	9cm pot	Full pot
as shown	Lp	51	Lonicera periclymenum	60-90cm, 3L	min 2 breaks, cane removed on planting
4m/2	Mb	387	Mahonia aquifolium 'Apollo'	20-30cm, 3L	main leader, well branched
4m/2	PBS	258	Phormium 'Bronze Surfer'	40-60cm, 3L	Minimum of 5 spears
8m/2	PDR	438	Persicaria amplexicaulis 'Fats Domino'	20-30, 3L	Full pot
4m/2	Pod	29	Physocarpus opulifolius 'Diablo'	40-60cm, 3L	3 breaks in lower third
3m/2	Pols	117	Polystichum setiferum	30-40, 3L	Full pot
SPEC	PvR-25	66	Phytolacca fraseri 'Red Robin'	Half standard 25L	40-50cm ball
as shown	Rca	164	Rosa canina	1+2, 80-100cm	BR, 5 breaks in lower third
4m/2	RK	78	Rosa 'Kent'	30-40, 3L	5 breaks in lower third
2m/2	Rn	219	Ribes nigrum 'Ben Sarek'	60-80cm, 5L	bushy, 5 breaks
4m/2	Rob	228	Rosa bonica	30-40, 3L	5 breaks in lower third
4m/2	SF	133	Spiraea japonica 'Firelight'	30-40cm, 3L	5 breaks in lower third
4m/2	SKS	9	Skimmia x confusa 'New Green'	30-40cm, 12L	7 breaks in lower third
2m/2	SR	134	Skimmia 'Revealsand'	30-40cm, 5L	5 breaks in lower third
TREE	UNH	21	Ulmus 'New Horizon'	20-25cm	Rootballed, 2.5m clear stem
4m/2	Vb	99	Verberna x bonariensis	30-40, 3L	5 breaks in lower third
as shown	Vo	312	Viburnum opulus	1+2, 60-90cm	BR or CG
4m/2	Vv	99	Veronicastrum virginicum 'Fascination'	30-40, 3L	full pot
3m/2	VxvA	202	Viburnum x burkwoodii 'Anne Russell'	30-40cm, 3L	3 breaks in lower third

planting detail for rootballed tree 1:20



Carry out the work while soil and weather conditions are suitable. Soil for planting should be moist, friable and not waterlogged. Remove large stones, weeds and other deleterious material. Following soil placement and setting, excavate planting hole to be twice the rootball diameter and no deeper than 10cm shallower than root ball to allow for settlement. Base should be undisturbed unless there are drainage problems, in which case consult CA for advice. Excavate hole with slightly raised centre. Retain soil for reuse, keeping topsoil and subsoil separate. In sloping ground, maintain horizontal bases and vertical sides with no less than their minimum depth throughout. Cut bottom of pit to a depth of 150mm and scarify sides. Plant trees upright in centre of pit and at original soil depth. All non-biodegradable wrappings, cages etc. to be completely removed on planting. Biodegradable wrappings also to be removed, but may, where root-ball collapse is a concern, be cut and peeled back to no less than one third root ball height. Where biodegradable wrappings and cage are cut and peeled back, the cut and peeled back parts must be removed. Root-ball leading chains should be inspected for defects and reported as appropriate.

Plant in groups (except Lp planted singly) of 9-21 no. @ 51m 70-Ca-1 18-Ca-1 13-Cm-BR 9-Rca 17-Lp 66-Vb 66-Ca 35-H-H

legend

- proposed shrub beds
- proposed hedge, including rain garden hedges
- proposed lawn turf e.g. 'Shademaster'
- proposed pollinator friendly rain garden planting
- timber raised planter with SUDS wildflower turf
- proposed native wildflower seeded grassland established on site-won topsoils
- SUDS wildflower turf established on site-won topsoils
- timber boardwalk with anti-slip surface and hand rail on one side
- Coeo Dinefwr green oak timber bench with armrests

HEDGES AND OTHER PLANTING

- During tree, hedge, shrub, perennial and grass establishment and for duration of maintenance period ensure that sufficient water is applied using a hose to maintain healthy growth. During very dry summer spells, trees to be watered at rate of 25L and shrubs at 5L per plant per week during establishment. Draw back mulch and water with hose. Do not use sprays or sprinklers (except for trees and wallflowers) as these just wet the top of the mulch and do not penetrate the root zone.
- The landscape contractor to make himself aware of any underground services prior to planting.
- Any poor site or soil preparation or conditions to be reported to site manager for remediation prior to planting.
- Any non-biodegradable wrappings, cages etc. to be completely removed on planting. Biodegradable wrappings also to be removed, but may, where root-ball collapse is a concern, be cut and peeled back to no less than one third root ball height. Where biodegradable wrappings and cage are cut and peeled back, the cut and peeled back parts must be removed. Root-ball leading chains should be inspected for defects and reported as appropriate.
- All tags, plastic ties and bamboo canes to be removed from trees.
- In the case of a shortfall of site-won soil being available to plant trees of Extra Heavy Standard (EHS) size or above, imported soils will need to meet the 'sandy loam' textural range and be of slightly acid-neutral pH.
- All trees of EHS size or above should be seated on 150mm-400mm (dependent on site conditions) horticultural grade sharp sand.
- All rootballed trees to be planted with GreenBlue Urban Root Rain Urban' watering pipes and anchored underground with GreenBlue Urban 'Anchoray' Rootball Fixing System all fitted according to manufacturer's instructions; for trees up to 45cm diameter, anchor system SASLGB to be used, together with SASORLA drive rods;
- Root barriers GreenBlue Urban Renot 1000 to be installed to engineer approval;
- Product manufacturer specifications are to be used.
- All avenue trees to be similar height, form and habit;
- Bareroot/containerised trees to be staked with soft triple stakes a maximum of one quarter the height of the tree above ground, and fixed with biodegradable hessian ties such as 'Nabature' available in 30m rolls from GreenBlue Urban.

WILD FLOWER GRASSLAND

- For new wildflower areas and remedial areas: Wildflower grass seed is to be Ennorgate EM1 Meadow Mix sown at 4g/m². All to be sown in suitable conditions onto finely cultivated subsoil using shake seeder; spread with 10-15mm layer of compost, worked into the top layer and watered in (to ensure some nitrogen but low phosphorus);
- For instant impact if required, in lieu of seeding, WILDFLOWER TURF laid on topsoil as per supplier recommendation; supply option with plant paper in lieu of plastic mesh (suitable to both sun and shade) WFT-LANDSCAPE-34
- SUDS TURF from www.wildflowerturf.co.uk laid on topsoil as per supplier recommendation
- SUDS turf: WFT-SUD-37

existing trees retained, with existing RPA (pink), future extent of canopy growth (green) and future RPA extent (blue); refer to Arb Tech AUA for further details including Construction Exclusion Zone

existing trees to be removed

specification notes

- Prior to construction on site, protective fencing shall be erected around each hedge, tree or group at a minimum radius from the trunk of the tree of the canopy extent plus 10% (whichever is the greater). No soil, spoil or other material shall be deposited within the fenced areas;
- Underground services to be routed to avoid fenced areas;
- No burning to take place within 10m of the furthest extent of the canopy of trees to be retained on site or on land adjoining;
- The fence shall be kept in constant repair throughout the development work;
- The protective fencing shall be retained in position until completion of the development; should the fence temporarily need to be removed to complete works, then it shall be replaced immediately following completion and at least at the end of each day;
- The fence shall be at least 2.4 metres high, comprising of a scaffolding framework, as in 6.2.2 of BS 5837 (2006), supporting Heries fencing
- Tree locations are subject to confirmation of engineering and foundation details. Foundations shall comply with guidelines set by structural engineering consultants, and shall accord with the current NHC Standards Building near Trees' and shall accommodate immediate and future impact of tree or shrubs on buildings and their foundations.
- All native species to be sourced from preferably local or at least UK stock;
- Any proposed substitutions, whether species, cultivar, pot size or other specification, must be approved by landscape architect prior to planting;
- Any significant layout changes necessitating revised details (such as new retaining walls) called for on planting beds) should be reported to the landscape architect;
- All Nursery Stock to comply with BS3036 Part 1:1992 and all subsequent amendments;
- All Landscape operations to comply with BS4429:1999 and all subsequent amendments; and
- The supply, planting and aftercare of trees will be in accordance with BS 8545:2014 and no tree to be accepted for planting until it has been shown to be compliant with Table 1 p.21

WATERING

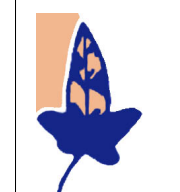
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SOILS

- Topsoil and subsoil to be stored in separate, non-overlapping mounds and topsoil should be stripped from any areas used for subsoil storage. The minimum amount of compaction should be applied when forming soil storage mounds, they should not be driven across. Topsoil mounds should be no greater than 3m in height and subsoil mounds should be no higher than 4m.
- The protection of topsoil and subsoil for planting areas should accord with the Construction Code for the Sustainable Use of Soils on Construction Sites (DEFRA, 2009), BS 3882:2015 and BS 8545:2014;
- All soil handling (stripping, storage, amelioration and placement) will be carried out in accordance with the approved SRP. Soils will only be imported where a shortfall of appropriate soil is apparent, and the imported soils will be certified in accordance with BS 3882:2015 and BS 8545:2014, and found to be fit for purpose via the soil scientist's interpretive report;
- Soil for rain gardens, in addition to the above specification, 40% to be of minimum permeability 40%, and minimum conductivity 30m/s. Refer to Engineer details for SUDS construction details;
- Great care must be taken to preserve existing soil quality and integrity;
- All ground modelling to be to smooth and flowing contours new soil edge to be feathered to marry into adjacent levels;
- Soil levels to remain unchanged in RPAs of existing hedges and trees;
- All planting and grass areas to be cultivated, with prior ripping where necessary to relieve compaction caused by tracking;

Read with Sheet 1; for Management Plan refer to Sheet 1

Revision B January 2026: Drawing revised for planning, with addition of Plants 143-148 and amended title
Revision A December 2025: Revised SUDS layout



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job title
Old Dock Road,
Newport
client
Newport City Homes

drawing title
Planting &
Management Plan
Sheet 2 of 2

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revision: 0