

planting specification notes

- 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 NHBC Standards 'Building near Trees' and shall accommodate immediate and future impact of tree or shrubs on buildings and their foundations.
- The landscape contractor is to make him/herself aware of any underground services prior to planting.
- 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 casting shade on planting beds) should be reported to the landscape architect;
- All container grown stock to be in peat-free compost;
- All native stock to be of local provenance;
- All Nursery Stock to comply with BS3936 Part 1:1992 and all subsequent amendments;
- All Landscape operations to comply with BS4428:1989 and all subsequent amendments;
- All soils to be imported; 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 2m in height and subsoil mounds should be no higher than 3m;
- The imported soils for tree and shrub planting will comprise sandy loams as per BS 3882:2015 and BS 8601:2013, of slightly acid (pH 5.0-6.5) on placement and with excellent drainage and aeration properties.
- 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;
- Great care must be taken to preserve existing soil quality and integrity. The planting beds will be tyre-tipped to relieve any compaction due to construction works and to ensure the substrate to receive the subsoil is free draining;
- Shrub planting areas to be spread with topsoil to a depth of 300mm for planting beds, above 300mm subsoil; topsoil allowed to settle prior to planting;
- Tree planting areas to be spread with topsoil to a depth of not less than 300mm above 700mm subsoil; topsoil allowed to settle prior to planting;
- Tree pits to be excavated to minimum 1m x 1m x depth of rootball. In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout. Break up bottoms of pits to a depth of 150mm and scarify sides.
- Tree supply, planting and aftercare must accord with BS 8545:2014. 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;
- Containerised trees to be staked with short double stakes, maximum height one quarter the height of the tree, secured with biodegradable hessian tree ties'
- All rootballed trees to be anchored underground with Greenleaf Rootball Fixing System;
- All trees to be planted with Greenleaf 'Root Rain Urban' watering pipes, fitted according to manufacturer's instructions;
- All trees in grass or wildflower areas to be planted in an edged and mulched bed, 1000mm diameter;
- All planting to receive Green-Tech Mycorrhiza Rootgrow, either as dry granule (container planting areas) or root dipping gel (bare root planting). Application according to manufacturer recommendation;
- All planting beds (but not tree pits) to receive peat-free compost during cultivations at a rate of 1m3 to 20m2 and slow release fertiliser (e.g. Ficote 140) at rate of 25g/plant; beds to be thoroughly watered following planting and before mulching;
- For new wildflower areas and remedial areas: Wildflower grass seed to be 'Germinal' WFG8 'Hedgerows and Shaded areas' sown at 5g/m2 on finely cultivated subsoil using shake-aerator; spread with 10-15mm layer of compost, worked into the top layer and watered in (to ensure some nitrogen but low phosphorus);
- Hornbeam hedges to be planted in double staggered rows at 5/linm; all hedges to be planted a minimum of 400 from adjacent kerb line or wall foundations.
- All soils allowed to settle for at least one week prior to planting, and then topped up as necessary;
- Settled soils to have a slightly raised profile in centre of bed, with gentle falls towards kerbs of paving;
- Bark mulch to be dark brown mixed conifer bark of particle size 8-35mm and pH range 5.0-7.0 to BS PAS 100:2005; mulch to be laid to 75mm (settled) depth;
- Watering to continue as required throughout first growing season following planting;
- Excessive concrete haunching to kerbs or excessive concrete to wall foundations to be reported to site manager for removal prior to planting.
- Any poor site or soil preparation or conditions to be reported to site manager for remediation prior to planting.

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Spacing	ID	No.	Latin Name	Scheduled Size	
TREE	Ag	4	Alnus glutinosa	16-18cm	Rootballed
4/m2	AjR	102	Aucuba japonica 'Rozannie'	30-40cm, 3L	3 breaks in lower third, bushy
TREE	Bp	13	Betula pendula	18-20cm	Rootballed
6/m2	BSil	53	Bergenia 'Silberlicht'	30-40, 5L	Full pot
2/m2	Ca-1	217	Corylus avellana	1+2, 60-80cm	BR
5/linm	Cb-H	105	Carpinus betulus	100-125cm, BR	1+2, 5 breaks
2/m2	Cs	179	Cornus sanguinea	1+1, 60-80cm	BR
3/m2	CsK	77	Cornus stolonifera 'Kelseyi'	30-40cm, 3L	Bushy
4/m2	CWD	199	Choisya dewitteana 'White Dazzler'	40-50cm, 3L	3 breaks in lower third
4/m2	EGB	21	Escallonia exoniensis 'Gold Brian'	30-40cm, 3L	3 breaks in lower third
4/m2	HHB	39	Hebe 'Midsummer Beauty'	30-40cm, 3L	3 breaks in lower third
5/m2	Ho	55	Helleborus x hybridus	20-30cm, 3L	Full pot
3/m2	HPD	69	Hydrangea paniculata 'Pink Diamond'	30-40cm, 5L	5 breaks in lower third
3/m2	Hq	14	Hydrangea quercifolia	30-40cm, 5L	5 breaks in lower third
3/m2	HW	48	Hebe 'Wirimist'	30-40cm, 5L	3 breaks in lower third
2/m2	la	176	Ilex aquifolium	60-80cm, 3L	2/3 breaks in lower third
1/m2	Lp	100	Lonicera periclymenum	60-90cm, 3L	min 2 breaks, cane removed on planting
TREE	Lt	2	Liriodendron tulipifera	20-25cm	Rootballed, 1.5m clear stem
4/m2	Ma	133	Mahonia aquifolium 'Apollo'	20-30cm, 3L	main leader, well branched
4/m2	Mj	124	Mahonia japonica	20-30cm, 3L	main leader, well branched
TREE	MxgG	4	Magnolia x grandiflora 'Gallissoniere'	200L 4m high	2m clear stem
4/m2	PLR	82	Photinia x fraseri 'Little Robin'	40-60, 7L	5 strong breaks in lower third
2/m2	Psp	41	Prunus spinosa	1+1, 60-80cm	BR, 3 breaks
4/m2	RMB	45	Rosa x alba 'Maiden's Blush'	30-40, 3L	5 breaks in lower third
4/m2	RSS	30	Rosmarinus officinalis 'Severn Sea'	30-40cm, 3L	3 breaks in lower third
4/m2	Sc	49	Sarcococca confusa	30-40cm	3L
4/m2	SjFi	45	Spiraea japonica 'Firelight'	30-40, 3L	Bushy, 5 breaks in lower third
2/m2	SR	29	Skimmia 'Reevesiana'	30-40cm, 7L	7 breaks in lower third
3/linm	Tb	138	Taxus baccata	40-60cm	cg or br
2/m2	Vo	144	Viburnum opulus	1+2, 60-90cm	BR



**legend**

- proposed ornamental shrub beds
- proposed native planting beds
- proposed hedge
- proposed turf
- seeding with wildflower mix (refer to ground preparation notes above)
- proposed trees
- existing trees and vegetation (shrub and herbaceous layer) retained; RPAs shown orange (refer to Treescene report)
- existing tree/hedge to be removed

Revision B October 2021: Birch trees added into native planting belt along W boundary  
Revision A September 2019: Amended layout

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job title <b>Aberthin, Cowbridge</b>	drawing title <b>Planting Plan</b>	scale • 1:250 at A1
client <b>Hafod</b>	date • December 2018	drawn • CE
	drawing number • 421.01	revision • B