

Planting Specification

Native Standard Tree Planting Schedule

Name	Form	Age	Girth (cm)	Height (cm)	Clear stem (cm)	Root condition	Breaks	Nr of Trees
<i>Acer campestre</i>	Standard (extra heavy)	3x	14-16	425-600	175-200	RB	5	5
<i>Betula pendula</i>	Standard (extra heavy)	3x	14-16	400-450	min 200	RB	5	1
<i>Betula pubescens</i>	Standard (extra heavy)	3x	14-16	400-450	min 200	RB	5	4
<i>Crataegus monogyna</i>	Standard (heavy)	3x	12-14	350-425	175-200	RB		3
<i>Malus sylvestris</i>	Standard (extra heavy)	3x	14-16	425-600	175-200	RB	5	2
<i>Sorbus aucuparia</i>	Standard (heavy)	3x	12-14	350-425	175-200	RB	5	5
<i>Quercus robur</i>	Standard (extra heavy)	3x	14-16	425-600	175-200	RB	5	4
Total								24

Shrub Planting Schedule

Plant name	Height (cm)	Root Condition	Size (L)	Habit	Breaks	Planting Mix (m2)	Density (per m2)	Total Number Plants
<i>Calluna vulgaris</i>		C	2L	Bushy		25	4	100
<i>Euonymus fortunei 'Emerald Gaiety'</i>	20-30D	C	2L	Bushy	7	15	4	60
<i>Euonymus fortunei 'Silver Queen'</i>	20-30D	C	2L	Bushy	3	15	4	60
<i>Hebe 'Autumn Glory'</i>	20-30	C	2L	Bushy	5	8	4	32
<i>Hebe 'Red Edge'</i>	30-40	C	2L	Bushy	5	8	4	32
<i>Hypericum x moserianum</i>	30-40	C	2L	Bushy	5	10	4	40
<i>Lavendula 'Hidcote'</i>	20-30	C	3L	Bushy	5	10	3	30
<i>Pachysandra terminalis</i>	15-20	C	2L	Several shoots	7	20	4	80
<i>Potentilla fruticosa 'Abbotswood'</i>	20-30	C	2L	Bushy	4	8	4	32
<i>Rosa 'Kent'</i>	40-60	C	2L	Bushy		8	4	32
<i>Rosa 'Lancashire'</i>	40-60	C	2L	Bushy		8	4	32
<i>Skimmia x confusa 'Kew Green'</i>	30-40	C	2L	Bushy	3	10	4	40
<i>Viburnum davidii</i>	60-80	C	2L	Bushy	4	10	4	40
Totals						155		610

Herbaceous, Perennial and Ornamental Planting Schedule

Plant Name	Root condition	Size	Propagation	Planting Mix (m2)	Density (m2)	Total Number Plants
<i>Anemone huphensis 'September Charm'</i>	C	1L	V	7	6	42
<i>Astilbe 'Deutschland'</i>	C	1L	S	7	6	42
<i>Bergenia 'Beethoven'</i>	C	1L	V	7	5	35
<i>Deschampsia cespitosa</i>	C	1L	V	20	6	120
<i>Dryopteris felix-mas 'Barnesii'</i>	C	1L	S	7	6	42
<i>Geranium macrorrhizum</i>	C	1L	V	5	6	30
<i>Geranium Rozanne</i>	C	1L	V	5	6	30
<i>Geranium 'Wargrave Pink'</i>	C	1L	S	5	6	30
<i>Helleborus orientalis</i>	C	1L	S or V	7	6	42
<i>Heuchera 'Ebony and Ivory'</i>	C	1L	S or V	5	6	30
<i>Persicaria affinis 'Superba'</i>	C	1L	S or V	20	6	120
Totals				95		563

Wildflower Over-Seeding Schedule.

Over-seed areas where existing soil/shade has been respread on site with the following species at a rate of 0.5g/m2

- Bird's-foot trefoil, (35%)
- Black medick (25%)
- Mouse-ear hawkweed, (10%)
- Oxeye Daisy (30%)

Wildflower plug plants to used as substitute if seed is not available.

Outline Planting Specification

Trees and shrubs planted shall comply with BS.3936 (Specification of Nursery Stock) and shall be planted in accordance with BS.4428 (General Landscape Operations) and BS8545:2014 'Trees from nursery to dependence in the Landscape'. New trees to have a UK Plant Passport.

Engineer to refer to soft landscape proposals when undertaking drainage and foundation design. Contractor to familiarize themselves with location of underground services using routing plans, CAT scans and onsite survey prior to planting and excavations.

Bare root and root-balled stock to be planted in the dormant season.

All planting stock to be clearly labelled on delivery with the full botanical name. Plant stock to be approved prior to delivery to site and planting and trees be set out by Landscape Architect. All topsoil to be of good quality AS-DUG in accordance with BS 3882:2015. Depths of topsoil (Turf -150mm), (Shrubs- 300mm), Hedgerows (350mm) over free draining subsoil. Refer to drawing 114.01.05 for reuse of existing seed bank. Minimal topsoil be used on new areas to be seeded and managed for wildflowers and wild-grasses. Use thin layer of topsoil only to provide initial seed bed on new seeding areas as required. Contact Landscape Architect for guidance.

Organic soil improvement compost to be dug into all planting areas and used at 1cubic m per 10m2. All planting beds to be mulched in 75mm depth medium grade bark mulch immediately after planting. Allow 50mm clearance of mulch around stem. Any imported soil, growing medium or compost shall be free of peat.

If very wet or very dry conditions are found in proposed planting areas the landscape architect shall review planting locations and/or species.

Tree pits to be dug 400mm larger than rootball in any direction. Side and base of pit to be forked over to aid drainage help root establishment. Tree pit to be back-filled with a mix of:

- 1 part 'Melcourt topgrow' (or similar) peat free, tree planting compost;
- Mycorrhizal Fungi; and
- 3 parts good quality, as dug sub and top soils to similar profiles as existing (Preferably use the excavated soil if of suitable quality and free draining) .

Minimum 1m2 area surrounding tree to be level (cut into bank on sloping ground). Medium grade bark mulch to be placed at the base of each trees to a depth of 75mm. Mulch to be maintained at size and depth for at least two growing seasons.

Hedgerow Planting and Protection

Do not plant hedgerow whips within 0.5m of proposed standard trees. 1no. 60 x 50cm Treebio Biodegradable Spiral Guard and Cane to be used per plant. (Products by Greentech or similar). 1m wide area beneath new hedgerow be mulched to 75mm depth with medium grade bark mulch immediately after planting. Inspected hedgerows regularly, maintain depth of mulch and guards for at least 2 planting seasons.

Tree Stakes

3no. stakes and 3no. hessian/ rubber ties system to be used on each tree. Stakes to be 75mm diameter tanalised softwood, pointed at one end. Top of stake to be 600mm above ground level. Stakes to be driven firmly into ground, position stakes at time of planting. Stake to remain in place until trees have a strong upright form. If ties are adjusted regularly the stake can remain in place until it rots off. .

Tree Irrigation

Monitor trees in growing season and provide water to ensure healthy establishment. Tree irrigation system (for example 'RootRain' Urban by Green, Blue Urban) to be provided to all trees. Trees to be watered during the first three growing seasons. Watering to be based on weather and ground conditions. As a general guide, 75L of water to be provided to each tree every 2 weeks.

Alternatively use 75L Treegator Watering Bag by Green Tech to provide slow release of water to new planted trees. Ensure bags are regularly topped up with water, checking every two weeks. Also check bag is in good condition and not effecting tree health or tree growth. Use bags for at least 2 years, reposition or replace bag if required.

Any queries in relation to planting schedules, layout or planting stock to be raised with Landscape Architect.

Suitable tree root barriers to be used on boundaries with hard-standing, walling, services, proposed and existing buildings.

Project:
Parc Bryn Cegin, Bangor

Drawing Title:
Planting Schedules and Outline
Specification for Planting

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