

Plant schedule

Trees

Number	Abbreviation	Species	Specification	Density
6	AcE	Acer campestre 'Elsrijk'	3x; Extra Heavy Standard; clear stem minimum 200cm; 5 breaks; RB	Counted
2	ALNSP	Alnus spaethii	3x; Extra Heavy Standard; clear stem minimum 200cm; 5 break; B	Counted
1	AmelRH	Amelanchier grandiflora 'Robin Hill'	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks; RB	Counted
5	BET PEN	Betula pendula	3x; Heavy Standard; clear stem 175-200cm; 5 breaks; RB	Counted
89	C be	Carpinus betulus **(hedge)**	2x; Feathered; 3 breaks; B	0.5Ctr Double Staggered at 0.25m offset
2	PaP	Prunus avium 'Plena'	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks; RB	Counted
1	PRURANA	Prunus sargentii 'Rancho'	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks; B	Counted
5	SaM	Sorbus aria 'Majestica'	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks; B	Counted

Shrubs

Abbreviation	Species	Specification	Height	Pot Size
CORFLAA	Cornus stolonifera 'Flaviramea'	Branched; 5 breaks; C	80-100cm	10L
EAB	Escallonia 'Apple Blossom'	Bushy; 5 breaks; C	40-60cm	5L
LAU NOB	Laurus nobilis	Leader with laterals; C	60-80cm	5L
MAHMEC	Mahonia x media 'Charity'	Bushy; 2 breaks; C	40-60cm	5-7.5L
PHOTE	Phormium tenax	Double crown; C	60-80cm	10L
ROSOFMJU	Rosmarinus offi.'Miss Jessop's Upright'	Bushy; 5 breaks; C	30-40cm	5L

Climbers

Number	Abbreviation	Species	Specification	Density
5	PARQU	Parthenocissus quinquefolia	Caned; several shoots; 3 breaks; C	Counted

Mix 1

Abbreviation	Species	Specification	Height	Pot Size
LONNIMG	Lonicera nitida 'May Green'	Bushy; 8 breaks; C		5L
PfA	Potentilla fruticosa 'Abbotswood'	Bushy; 5 breaks; C		5-7.5L
PIOL	Prunus laurocerasus 'Otto Luyken'	Bushy; 5 breaks; C	40-60cm	5-7.5L

Mix 2

Abbreviation	Species	Specification	Height	Pot Size
HEBAI RE	Hebe 'Red Edge'	Bushy; 7 breaks; C		5-7.5L
PIOL	Prunus laurocerasus 'Otto Luyken'	Bushy; 5 breaks; C	40-60cm	5-7.5L
RFDH	Rosa 'Fru Dagmar Hastrup'	Cutting; bush; 3 breaks; C	30-40cm	2L

Mix 3

Abbreviation	Species	Specification	Height	Pot Size
CcRP	Cotinus coggygria 'Royal Purple'	Branched; 5 breaks; C	60-80cm	10L
HAG	Hebe 'Autumn Glory'	Bushy; 7 breaks; C	30-40cm	5L
PIOL	Prunus laurocerasus 'Otto Luyken'	Bushy; 5 breaks; C	40-60cm	5-7.5L
Sj	Skimmia japonica	Bushy; 4 breaks; C	30-40cm	5L
SJAW	Spiraea japonica 'Anthony Waterer'	Branched; 7 breaks; C	30-40cm	5-7.5L

Mix 4

Abbreviation	Species	Specification	Height	Pot Size
Cc	Cistus corbariensis	Bushy; 6 breaks; C	40-60cm	5-7.5L
EfEG	Euonymus fortunei 'Emerald Gaiety'	Bushy; 9 breaks; C	25-30cm	5-7.5L
WBR	Weigela 'Bristol Ruby'	Branched; 3 breaks; C	40-60cm	2L

Mix 5

Abbreviation	Species	Specification	Height	Pot Size
Cc	Cistus corbariensis	Bushy; 6 breaks; C	40-60cm	5-7.5L
CaS	Cornus alba 'Sibirica'	Branched; 4 breaks; C	60-80cm	5L
EfDsB	Euonymus fortunei 'Dart's Blanket'	Bushy; 5 breaks; C		3L

Native shubs

Number	Species	Specification	Pot Size	Height	Density	Percentage Contribution
50	Corylus avellana	1+2; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	30%
17	Hedera helix	Several shoots; 3 breaks; C	2L	40-60cm	1Ctr	10%
34	Prunus spinosa	1+1; Transplant - seed raised; branched; 2 breaks; B		40-60cm	1Ctr	20%
34	Sambucus nigra	1+1; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	20%
34	Viburnum opulus	1+2; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	20%

Total :169

Trees and shrubs

Number	Species	Specification	Pot Size	Height	Density	Percentage Contribution
69	Acer campestre	1+1; Transplant - seed raised; B		80-100cm	1Ctr	8%
60	Betula pendula	1+1; Transplant - seed raised; B		80-100cm	1Ctr	7%
172	Corylus avellana	1+2; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	20%
129	Crataegus monogyna	1+1; Transplant - seed raised; B		60-80cm	1Ctr	15%
43	Hedera helix	Several shoots; 3 breaks; C	2L	40-60cm	1Ctr	5%
69	Ilex aquifolium	Leader with laterals; C	2L	40-60cm	1Ctr	8%
43	Malus sylvestris	1+2; Transplant - seed raised; b		80-100cm	1Ctr	5%
86	Prunus avium	1+1; Transplant - seed raised; B		80-100cm	1Ctr	10%
43	Prunus spinosa	1+1; Transplant - seed raised; branched; 2 breaks; B		40-60cm	1Ctr	5%
60	Sambucus nigra	1+1; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	7%
86	Viburnum opulus	1+2; Transplant - seed raised; branched; 3 breaks; B		60-80cm	1Ctr	10%

Total :860

Merthyr Developments

St Tydfil's Hospital

Landscape planting 2 of 2

LA.**102**

Outline specification

Ground Preparation: Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 8601:2013 Specification for subsoil and requirements for use - Multipurpose subsoil to make up any deficiency in on-site subsoil. Spread and level to depth of:
200mm for planting areas
200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil.
Spread and level to depth of:
300mm for planting areas
100mm for grass areas

Excavate planting pits to the following dimensions:
Feathered Trees: 500 x 500 x 500mm depth
Heavy/Extra Heavy Standard Trees: 1200 x 1200 x 700mm depth
Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m³/20m³.

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting.

Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

Grass Areas: Supply and spread pre-seeding N:P:K. fertiliser (10:15:10) at a rate of 30g/m². Grass areas to be sown at a rate of 35g/m² with a suitable grass seed mix such as Germinal A19. Initial grass cutting and edge trimming down to 50mm

Species rich neutral grassland:
New and re-spread topsoils will be lightly harrowed and raked to create a moderately fine tilth. No fertiliser will be added to any of these areas. Areas will be seeded either by hand (broadcasting) or using a light tractor-mounted spinner or drill with drills at 5cm centres, 5mm maximum depth, immediately after preparation which should ideally occur in late summer (ie Aug-Sep). The seed rate will be be 4g/m2 (ie 40kg/ha). Species to include; **Grasses (80%)**: Agrostis capillaris, Cynosurus cristatus, Festuca rubra spp rubra, Anthoxanthum odoratum and Alopecurus pratensis. **Wildflowers (20%):** Achillea millefolium, Centaurea nigra, Hypericum perforatum, Leontodon autumnalis, Lotus corniculatus, Potentilla anserina, Ranunculus acris and Veronica chamaedrys.

Where a given species listed above is not available a suitable alternative should be agreed with the supervising ecologist.

All seed material should be of Welsh, or at least UK, native origin. Seed suppliers should be signatories to the Flora Locale Code of Practice for collectors, growers and suppliers of native plants and seed.
Initial grass mowing should take place at 6-8 weeks after sowing, with the arisings collected and disposed of off-site. This should be repeated at two-monthly intervals, with the last cut being made in October.
In the second year after sowing and in subsequent years, the grass should be mown twice per annum, comprising a first cut to 50mm in April with a second cut to 100mm in September. All arisings should be collected and removed from the site for disposal.

Planting Areas: Plant specification to be in accordance with the HTA National Plant Specification: 03/02. Tree planting to be in accordance with BS 8545:2014 - Trees from nursery to independence in the landscape recommendations.

Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:
Feathered Trees: 100g / tree pit
Heavy/Extra Heavy Standard Trees: 130g / tree pit
Shrubs: 70g / m²

Provide and fix tree stakes and ties to the following dimensions:
Feathered Trees: overall length 1250mm; height above ground: 600mm
Heavy/Extra Heavy Standard Trees: overall length 1500; height above ground: 750mm

Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

For native planting area, All planting stock will be of native species which are indigenous to the region and will be of Welsh, or at least UK, provenance.

Rain gardens/ bioretention areas
For planting within rain gardens/ bioretention areas, species to be planted at the base/ within the damp areas are to be: Carex pendula, Iris sibirica, Lobelia cardinalis, Salix elaeagnos Cornus sericea 'Bud's Yellow'. Species to be planted on the dryer slopes are to be: Verbena bonariensis; Lavandula angustifolia 'Hidcote', Caryopteris clandon. 'Heavenly Blue', Perovskia atriplicifolia 'Blue Spire'

Maintenance: All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties.

General Notes: Substitutions, if made, should be similar in size, form and water demand. Plants shall be arranged to avoid straight lines and geometric patterns.

0 5 10 15 20 metres

Scale @ A1 - 1:250

North

A117920 LA.100-102 and LEMP.200.dwg 21 July 2020

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

© Crown copyright and database rights 2020 Ordnance Survey 0100031673.
© WYG Environment Planning Transport Limited 2020. Registered in England Number: 3050297