

PROPOSED RESIDENTIAL DEVELOPMENT ON LAND AT CRABTREE WALK,
TREFECHAN, MERTHYR TYDFIL

PLANTING NOTES

Naturalistic Woodland Planting Mix:

Canopy Species (30% by number):		
<i>Sorbus aucuparia</i>	Mountain Ash	50 %
<i>Betula pubescens</i>	Downy Birch	30 %
<i>Salix caprea</i>	Goat Willow	20 %

Understorey & Edge Species (70% by number):

Salix cinerea	Grey Willow	25 %
Crataegus monogyna	Hawthorn	40 %
Corylus avellana	Hazel	15 %
Rosa canina	Dog Rose	15 %
Ilex aquifolium	Holly	5 %

Hedgerow Planting Mix:

Hedgerow Shrub Species (all planted at 4 plants per linear metre, in a double staggered row):

Crataegus monogyna	Hawthorn	60 %
Corylus avellana	Hazel	30 %
Ilex aquifolium	Holly	10%

(All to be planted as bare-rooted stock, 450-600mm high, except for holly, as 3-litre container-grown plants 450-600mm high and with a minimum of 3 breaks).

All hedgerow plants to be planted in a prepared trench 500mm wide by 450mm deep, back-filled with (by volume) 50% excavated topsoil and 50% composted green waste to meet PAS 100 - all to be thoroughly mixed before placement in the planting trench.

On completion of planting, all hedgerow plants except holly to be fitted with plastic spiral rabbit guards: attached to a single bamboo cane (shrubs); or to a 75mm diameter short wooden stake (trees). Holly plants to be protected by plastic mesh guards not less than 750mm high, fastened to a 50mm diameter timber stake.

Specimen Trees:

- Sorbus aucuparia 'Asplenifolia'
- Sorbus 'Joseph Rock'
- Sorbus intermedia 'Brouwers'
- Betula utilis var. 'jacquemontii'

(All planted as selected standard trees 1.8-2m high; root-balled; in prepared pits of not less than 1200mm x 1200mm x 600mm deep; back-filled with (by volume) 50% excavated topsoil and 50% composted green waste to meet PAS 100 - all to be thoroughly mixed before placement in the planting pit).

All specimen trees to be supported with a single short timber stake, 75mm diameter, driven into the base of the tree pit before planting and cut-off at a height of 500mm above finished tree pit soil level following planting. Tree to be secured to the stake using a single plastic tree tie.

Bulbs in Grassed Areas:

All to be Narcissus pseudonarcissus, naturalised in informal drifts beneath selected groups of specimen trees and planted following establishment of sward growth following sowing.

Rain Garden Planting:

Soil specification to be a manufactured engineering soil to achieve the required porosity, ameliorated with PAS100 compost, to the engineer's specification to ensure compliance with SAB provisions.

Surface of the finished soil profile to be sown with Germinol A4 fescue-based grass; seed mixture, which is tolerant of damp to wet conditions and periodic inundation. Sowing Rate: 20gms/m². No pre-seeding fertiliser to be applied.

Following germination of the seed mix and once the sward has achieved a height of 50mm following the first mowing, plant the following native herbaceous plant species, to address the amenity and biodiversity statutory standards (S4 & S5) required by the SAB approach to drainage design:

Ajuga reptans	Bugle	10%
Dryopteris filix-mas	Male Fern	5%
Filipendula ulmaria	Meadowsweet	30%
Iris pseudacorus	Yellow Iris	10%
Lythrum salicaria	Purple Loosetrife	5%
Phalaris arundinacea	Reed Canary-grass	20%
Silene flos-cuculi	Ragged-robin	20%

Plants to be supplied as either 50mm plug plants or very small container-grown stock (0.5 litre). These would be planted in single-species groups of 5-10 plants and at a density of no more than 10 plants per square metre, giving a maximum of 45 plants for the largest rain garden.

Not all rain gardens would be planted with the full range of species shown, depending upon size and aspect and the degree of over-shading. Not less than 5 species will be planted in each rain garden.

PLANT SCHEDULE

Nr	Species	Specification	Centres
Specimen Trees			
19	Sorbus aucuparia 'Asperifolia' SA	Selected Standards 12-14cm Girth	As shown
10	Sorbus 'Joseph Rock' SJ	Selected Standards 12-14cm Girth	As shown
23	Sorbus 'Intermedia' Brouwers SB	Selected Standards 12-14cm Girth	As shown
21	Betula utilis var 'Jaquemontii' BJ	Selected Standards 12-14cm Girth	As shown
Naturalistic Woodland Planting (c.2010m.sq)			
153	Sorbus aucuparia	45-60cm BR Transplant	Planted at a rate of 1 plant per 2m.sq
92	Betula pubescens	45-60cm BR Transplant	
61	Geranium 'Blokovo'	45-60cm BR Transplant	
97	Salix cinerea	45-60cm BR Transplant	
280	Crataegus monogyna	45-60cm BR Transplant	
223	Corylus avellana	45-60cm BR Transplant	
103	Rosa cecina	45-60cm BR Transplant	
36	Ilex aquifolium	3L Pots 45-60cm Bushy	
Native Hedgerow Planting - Mixed species(c.221 linear metres)			
395	Crataegus monogyna (60%)	45-60cm BR Transplant	Planted at a rate of 4 plants per linear.m
274	Corylus avellana (30%)	45-60cm BR Transplant	
213	Ilex aquifolium (10%)	45-60cm BR Transplant	
Native Hedgerow Planting - Single species(c.36 linear metres)			
144	Ilex aquifolium (10%)	45-60cm BR Transplant	Planted at a rate of 4 plants per linear.m
Rain Garden Planting (c.80m.sq)			
80	Ajuga reptans (10%)	50mm Plugs or 0.5L Pots	Planted at a max rate of 10 plants per m.sq
40	Dryopteris filix-mas (5%)	50mm Plugs or 0.5L Pots	
240	Filipendula ulmaria (30%)	50mm Plugs or 0.5L Pots	
80	Iris pseudacorus (10%)	50mm Plugs or 0.5L Pots	
40	Lythrum salicaria (5%)	50mm Plugs or 0.5L Pots	
160	Phalaris arundinacea (20%)	50mm Plugs or 0.5L Pots	
160	Silene flos-cuculi (20%)	50mm Plugs or 0.5L Pots	
Bulb Planting (c.557m.sq)			
27600	Narcissus pseudonarcissus	Topsize	Planted at a rate of 50 bulbs per m.sq

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Client	WDL Homes Ltd		
Project	Land at Crabtree Walk, Trefechan		
Dwg Title	Softworks Specification & Schedule		
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