

Planting Palette

Planting to include species/varieties selected from the following lists:

Latin Name	Common Name
TREES	
Amelanchier x grandiflora 'Robin Hill'	Juneberry
Betula pendula	Silver Birch
Crataegus prunifolia 'Splendens'	Cockspur Thorn
Prunus padus	Bird Cherry
Pyrus calleryana 'Chanticleer'	Ornamental Pear
Sorbus aucuparia	Mountain Ash

SPECIMEN SHRUBS	
Corylus maxima 'Purpurea'	Purple-leaved Hazel
Cotoneaster 'Cornubia'	
Sambucus racemosa 'Sutherland Gold'	Golden Cut-leaved Elder
Viburnum x bodnantense 'Dawn'	Arrowwood 'Dawn'

HEDGING	
Carpinus betulus	Hornbeam
Elaeagnus x ebbingei 'Gilt Edge'	
Escallonia 'Langleyensis'	Escallonia

NATIVE SPECIES HEDGING	
Acer campestre	Field Maple
Corylus avellana	Hazel
Crataegus monogyna	Hawthorn
Ilex aquifolium	Holly
Lonicera periclymenum	Honeysuckle
Viburnum opulus	Guelder Rose

SHRUBS	
Buddleia davidii 'Black Knight'	Butterfly Bush
Chaenomeles x superba	Japanese Quince
Eonymus fortunei 'Emerald Gaiety'	
Hebe 'Midsummer Beauty'	
Lonicera pileata	
Mahonia aquifolium 'Apollo'	
Pachysandra terminalis 'Green Carpet'	Japanese Spurge
Potentilla fruticosa 'Jackman's Variety'	Shrubby Cinquefoil
Rosmarinus officinalis	Rosemary
Rosa 'Kew Gardens'	Rose 'Kew Gardens'
Viburnum davidii	
Viburnum tinus 'Gwenllian'	Laurustinus 'Gwenllian'

HERBACEOUS	
Anemone 'Andrea Atkinson'	Japanese Anemone
Centranthus ruber	Red Valerian
Hylotelephium (Sedum) 'Herbstfreude'	Stoncrop/Autumn Joy
Nepeta 'Six Hill's Giant'	Catmint
Meconopsis cambrica	Welsh Poppy
Origanum vulgare	Marjoram
Phlomis russelliana	
Stachys byzantina	Lamb's Ears
Verbena bonariensis	Verbena

RAIN GARDENS (and elsewhere)	
Ajuga reptans	Bugle
Carex pendula	Pendulous Sedge
Cornus sanguinea 'Midwinter Fire'	Dogwood 'Midwinter Fire'
Geranium 'Rozanne'	
Hydrangea arborescens Annabelle'	
Iris pseudocarus	Yellow Flag
Vinca minor	Lesser Periwinkle

Landscape Specification Notes

General Notes

- All landscape works to comply with BS4428:1989 Code of Praticre for General Landacape Operations; BS3882:2015 Specification for Topsoil, BS3969: 1998 +A1:2013 Recommendations for Turf for General Purposes, and all subsequent amendments. All work to be carried out in suitable weather and soil conditions. Any poor site or soil preparation or conditions to be reported to site manager for remediation prior to planting, turfing and seeding

- All Nursery Stock to comply with BS3936 Part 1:1992 and all subsequent amendments; species in native mixes to be of local provenance unless otherwise agreed.

- Any proposed substitutions, whether species, cultivar, pot size or other specification, must be approved by landscape architect prior to planting;

- The landscape contractor to make him/herself aware of any underground and overhead services prior to planting.

- Prior to placing of soils ensure that the subsoils/substrates in all areas to be planted/seeded are free draining by carrying out percolation tests. Where drainage is impeded carry out suitable remedial operations such as ripping or removal of impermeable material (to be agreed with CA).x

- Topsoil/subsoil: existing topsoil on site may be reused subject to agreement with the landscape architect. Imported topsoil to be provided as necessary to make up any deficiency in quantity and/or quality. Imported topsoil:
 - for planting areas and grass only seeded areas - BS3882 multipurpose grade, sandy loam texture
 - for wild flower turfed and seeded areas - BS 3882 low fertility topsoil or approved subsoil. Existing subsoil may be reused in wild flower grassland areas, subject to agreement with the landscape architect.

- PAS100 compost: provide certificate and source for approval. Arrange for CA to inspect a sample load of not less than 0.1 cu m prior to any deliveries being made. Retain for comparison with subsequent loads.

Planting Generally

- Planting generally - plant roots must be protected at all times from sun, frost and winds with planting bags used for all bare root material. All plants to be planted to the root collar and well firmed in the backfill material. Backfill materail is to be placed around the roots in such a way as to ensure close contact with the roots.

- Immediately after planting cut back any damaged, dead or diseased branches, remove any weak, thin or malformed growth. Water plants thoroughly after planting. Watering to continue as required throughout first growing season following planting.

Tree planting

- Tree pits to be excavated to minimum 1000mm diameter and 600mm depth. Clear all vegetation from pit surface. In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout. Break up bottom of pits to a depth of 150mm and scarify sides. Pits to be backfilled with a well-mixed combination of 2/3 volume topsoil and 1/3 volume PAS 100 compost.

- Tree stakes: double stakes for Extra Heavy Standards (EHS), single stakes for Standards and smaller, 75mm dia., two each side/one on single side of tree trunk,driven into base/side of treepit at 45 deg, to at least 300mm depth, finished height above ground 700mm. Fix tree firmly but not rigidly to stakes with cushioned tree ties, min. 50mm wide, with spacers between tree and stakes. Spread a 75mm deep (settled) layer of approved bark or wood chip mulch over an area of 1m dia. around each tree position.

Planting areas

- Remove surface vegetation, except trees shown for retention, from areas to be planted. Excavate as necessary to receive 400mm depth topsoil. Once soil is spread cultivate to 400mm depth, removing stones and rubbish over 75mm dia. Spread a 50mm layer of PAS100 compost over planting areas and incorporate into top 300mm.

- Plant at densities shown. Native mixes, including hedges, to be planted in a random mix with species groups of 1 to 3. Setting out of plant mix areas to be agreed with landscape architect.

- Spread a 75mm deep (settled) layer of approved bark or wood chip mulch over all plant and hedge mix areas areas after planting; native mix areas do not require mulch.

Grass Seeding

- Topsoil to be imported where existing material is unsuitable. See General Notes re topsoil grades to be used.

Elsewhere remove all surface vegetation. Cultivate to a depth of 300mm, removing stones and rubbish larger than 50mm dia., grade surface and add a 40mm layer of PAS100 compost into the top 150mm. Grade to smooth flowing contours.

- Reduce the top 25mm to a fine tilth and remove stones and rubbish over 30mm dia. Sow grass seed (Germinal/British Seed Houses A19 mix or equivalent and approved) at 35g/sq m - in 2 equal sowings in transverse directions. Lightly harrow or rake.

- In areas designated for wild flower grassland sow Emorsgate EM3 Special General Purpose Meadow Mixture at 4g/sq m.

- Sward establishment: first cut of grass when the sward reaches between 40 and 70 mm ht. Remove stones/rubbish over 25mm dia. and cut grass to 40mm ht. Reseed areas of poor establishment until a sward of minimm 95% coverage has been achieved.

Maintenance over 12 months

- Maintain all planting areas and tree bases free of weeds by chemical and/or mechanical means.

- Remove any dead trees and replace with equivalent size and species in first 5 years after planting. Remove any other dead plants and replace with equivalent size and species in first year after planting.

- Water as necessary to establish plants successfully.

- Check stakes and ties and adjust to avoid damage to trees. Refirm any plants which have worked loose. Replace stakes/ties as necessary and check tree ties regularly. Prune plants according to species, location and season to remove damaged/dead growth and to encourage healthy growth with a well-balanced natural appearance .

- Maintain mulch at 75mm depth.

- Maintaining general grass areas: keep a healthy and vigorous grass sward at a height of between 25 and 50mm ht., arisings to be spread evenly over cut areas. Do not cut grass in areas with bulb planting until bulb foliage has died back. Use selective herbicides to control pernicious weeds. Apply turf fertilizer in spring, 15:10:10 NPK at recommended rates.

- Maintaining wild fower areas: no fertilizer to be added to these areas. Year 1: maintain grass at 40-60mm ht., removing arisings. Year 2 and ongoing: cut back to 50mm in late August, leave arisings for 7 days to allow seed to shed, then remove arisings. Spot treat pernicious weeds with selective herbicides.



Key

- Geocellular attenuation unit located in local depression in grassed area
- Grass areas: to be seeded with Germinal Seeds A19 grass seed mix or equivalent and approved
- Wild flower grassland: to be seeded with Emorsgate EM3 wild flower seed mix or equivalent and approved
- Planting in rain gardens
- Hedge planting
- Proposed planting areas
- Specimen shrubs (100-125cm, 10L, or similar)
- Tree planting (all Extra Heavy Standards)
- Integrated Eco Bat Boxes as Bat Activity Survey Report February 2021
- Eco Bird Boxes as Bat Activity Survey Report February 2021

SEE ARCHITECT'S/ENGINEER'S DRAWINGS FOR DETAILS OF EXISTING & PROPOSED SERVICES, HARD SURFACES AND ENCLOSURE

Rev	Date	Description	Initials
A	07.10.20	Client layout revisions	FEC
B	05.02.21	Plant list revised with ref. to Bat Conservation Trust list	FEC
C	10.02.21	Bat boxes added	FEC
D	19.02.21	Bird boxes added	FEC

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Client	Merthyr Valley Homes Ltd				
Project	Residential Development Lansbury Road, Gellideg				
Drawing Title	Landscape Proposals				
Date	01.10.20	Drawn	FEC	Scale	1:200@ A1
Project No	753	Drawing No	01	Rev	D