

Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information should be taken from figured dimensions only.



Rain Garden - Typical Planting Areas Concept
All areas are planted to give a long season of flowering display, with a main focus on late spring to autumn.

Area	Planting concept
Perennial Planting	Blocks of contemporary Perennial Planting. The majority of species are good butterfly and bee plants. Approx. 16 sq m.
Rain Gardens	Perennials which generally grow well in all good garden soil. Approx. 15 sq m.

Perennial Planting - Typical Planting Lists

Name
Kniphofia 'Tawney King' (Red Hot Poker)
Sedum 'Purple Emperor'
Calamagrostis x acutiflora 'Karl Foerster'
Aster x frikartii 'Moenche' (Michaelmas Daisy)
Leucanthemum 'Sonneschein' or 'T.E.Killin' (Shasta Daisy)
Hemerocallis 'Lemon Bells' (Day Lily)
Gaura lindheimeri
Helenium 'Moerheim Beauty'
Echinacea purpurea (Purple Cone Flower)
Helianthus 'Lemon Queen'
Primula veris (Cowslip)
Tulip clusiana

Rain Gardens - Typical Planting Lists

Name
Helianthus 'Capponoech Star'
Teledium speciosa
Primula pulverulenta
Primula florindae
Astilbe chinensis 'Purpuranzen'
Calamagrostis x acutiflora 'Karl Foerster'
Scirpus lacustris 'albescens'
Phragmites australis 'Variegata'
Rheum palmatum 'atropurpureum'
Penstemon 'Husker's Red'
Geum rivale 'Lemon Drops'
Rubbeckia fulvida deamii
Iris sibirica
Rodgersia pinnata 'Superba'
Persicaria bistorta 'Superba'
Lythrum salicaria
Filipendula ulmaria

Seed mix: *Lycinus flos-cuculi*, *Cardamine pratensis*

- Site boundary
- Existing trees to be removed (6No. total)
- Existing trees to be retained
- Proposed new trees
12No. total (based on a 2:1 tree replacement ratio). All to be double staked. Where planted in grass, to include a 1200mm diameter of bark mulch at 50mm depth.
- Existing hedges and shrubs to be retained.
- Existing habitat area to be retained.
- Proposed low height and low maintenance shrub planting. 3litre pots, planted at 5per m2.
- Rain garden planting.
 - Construction of rain gardens to be detailed by engineer.
 - List of planting is typical planting schedule for rain gardens and subject to further study.
 - Rain garden planting densities/spacing are subject to further detailed studies, working in coordination with the Engineer.
 - All soil, substrate and mulching material to be agreed with Engineer.
 - Drainage rates/flows to be calculated by Engineers.
- Grassed area, multi-purpose hard wearing turf. Rolawn 'Medallion' turf, laid in accordance with industry standards.
- Grassed slopes, banking to accommodate level changes or bioretention areas. To engineers details. Opportunity for wildflower/ecological grassland swathes to be implemented. EP1F Emorsgate Seed wildflower.
- Existing vegetation to be retained.

NOTE:
Bird and bat boxes to be placed on trees in line with the ecologist recommendations

Tree Schedule

Selected standard trees, double staked with timber posts and adjustable rubber tie. Top dress rootball (1.0m diameter) with bark mulch 50mm depth over 300mm topsoil and 600mm subsoil ...

Species	Girth	Clear Stem (C/S)	Feathered (F)	Total No.
Acer campestre	16-18cm	C/S to min. 200cm		1
Alnus incana	12-14cm	C/S to min. 200cm		2
Betula nigra	12-14cm	C/S to min. 200cm		3
Carpinus betulus 'Frans Fontaine'	12-14cm	C/S to min. 200cm		2
Prunus padus	12-14cm	C/S to min. 200cm		2
Salix daphnoides	12-14cm	C/S to min. 200cm		2
Total:				12

Ornamental Shrub Planting

All Shrubs to be container grown. Top dress with bark mulch to depth of 50mm. Soil depths to be min. 300mm topsoil with 300mm subsoil (to BS 3882:2015)

Species	Pot Size	Height/Spread	Habit	Min. breaks in lower 1/3rd	Density	Total No.
Carex elata	2	30-40	Bushy	4	7	19
Dryopteris dilatata	3	30-40	Bushy	4	5	28
Festuca glauca	2	30-40	Bushy	3	7	19
Hebe 'Red Edge'	3	30-40	Bushy	4	5	26
Hebe Green Globe	3	30-40	Bushy	4	5	42
Heuchera 'Winter Joy'	2	30-40	Bushy	4	6	27
Lavandula angustifolia 'Hidcote'	3	30-40	Bushy	3	5	28
Pachysandra terminalis	3	30-40	Bushy	4	5	32

Grassed areas

Supplier	Product	Description	Area
Rolawn	Medallion Turf	A high-quality, multi-purpose ryegrass/fescue turf for a healthy, green and hard wearing lawn. Roll size approx. 1m ² when harvested.	1220 m ²

Wildflower areas

Supplier	Product	Description	Area
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STATUS	REV	DATE	DESCRIPTION
PL	PL11	15/05/20	Existing tree information updated.
PL	PL10	09/07/20	SAB Update
PL	PL09	03/07/20	For Planning
S3	P36	15/05/20	1st draft tender drawings for review

CLIENT: Vale of Glamorgan Council
REVISOR: GMW
CHECKED BY: CS
ORIGINATOR NO: 152852

CONSULTANT
STRIDE TREGLOWN
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PROJECT
St. David's Church in Wales Primary School
Colwinston, Cowbridge

DRAWING TITLE
Soft Landscaping Plan

SUITABILITY STATUS
PL : PLANNING
SCALE
1 : 200 @ A1

PROJECT | ORIGINATOR | ZONE | LEVEL | TYPE | ROLE | CLASS | NUMBER
SDPS-STL-XX-XX-DR-L-9002
REVISION
PL11