



Herbaceous/ Perennial/ Grasses Planting Schedule

Plant Name	Root condition	Size	Propagation	Planting Mix A (m2)	Planting Mix B (m2)	Density (m2)	Total Number Plants
Achillea 'Summer Berries'	C	1L	V		4	7	28
Alchemilla mollis	C	1L	S	1		8	8
Astrantia major 'Hudspen Blood'	C	1L	V		5	6	30
Bergenia 'Beethoven'	C	1L	V		4	5	20
Bergenia 'Silberlicht'	C	1L	V	2		6	12
Carex ornithopoda 'Variegata'	C	1L	V	3		5	15
Euphorbia amygdaloides 'Robbiae'	C	1L	V	1	2	6	18
Geranium macrorrhizum	C	1L	V	2	4	8	48
Geranium Rozanne	C	1L	V	2	5	8	56
Heuchera 'Ebony and Ivory'	C	1L	S or V	1	5	6	36
Iris reticulata	C	1L	V	2		8	16
Liriope muscari 'Big Blue'	C	1L	V		2	7	6
Paeonia lactiflora 'Barbara'	C	5L	V		3	3	9
Penstemon 'Andenken an Friedrich Hahn'	C	1L	V		4	7	28
Persicaria affinis 'Superba'	C	2L	S or V	3		4	12
Pulmonaria officinalis 'Sissinghurst White'	C	1L	V	1		8	8
Salvia nemorosa 'Ostfriesland'	C	3L	V		4	4	16
Sedum 'Ruby Glow'	C	2L	V		3	5	15
Stipa tenuissima	C	1L	S or V		4	6	24
Verbena bonariensis	C	1L	V		2	6	12
Totals				18	51		417

Herbaceous, Perennials and Grasses/ Shrubs Proportion of Mix.

	Total Area	Shrubs (%/ m2)		Herbaceous Perennials and grasses (%/m2)		Total (m2)
Unit	(m2)	%	(m2)	%	(m2)	
Planting Mix A (Partial Shade/ Shade Mix)	45	60	27	40	18	45
Planting Mix B (Sun/ Partial Shade)	102	50	51	50	51	102

Meadow Seed Mix

Seed mix EM3 (by Emorsgate Seeds).
Sowing rate 4g/m2
Method and maintenance as per Emorsgate Seeds Recommendations)

Mixture Breakdown

Grasses (total 80%)
AGROSTIS CAPILLARIS
Crested Dogstail 8%
CYNOSURUS CRISTATUS
Crested Dogstail 40%
FESUCA RUBRA
Slender Creeping Red Fescue 28%
PHLEUM BERTOLONII
Smaller Cat's Tail 4%

Wildflowers (Total 20%)
ACHILLEA MILLEFOLIUM
Yarrow 0.5%
BETONICA OFFICINALIS - (STACHYS OFFICINALIS)
Betony 0.6%
CENTAUREA NIGRA
Common Knapweed 2.5%
CENTAUREA SCABIOSA
Greater Knapweed 0.8%
DAUCUS CAROTA
Wild Carrot 1.0%
FILIPENDULA ULMARIA
Meadowsweet 0.6%
GALIUM ALBUM - (GALIUM MOLLUGO)
Hedge Bedstraw 0.6%
GALIUM VERUM
Lady's Bedstraw 2.0
KNAUTIA ARVENSIS
Field Scabious 0.4%
LEONTODON HISPIDUS
Rough Hawkbit 0.3%
LEUCANTHEMUM VULGARE
Oxeye Daisy 0.6%
LOTUS CORNICULATUS
Birdsfoot Trefoil 0.5%
ORIGANUM VULGARE
Wild Marjoram 0.1%
PLANTAGO MEDIA
Hoary Plantain 0.5%
POTERIUM SANGUISORBA - (SANGUISORBA MINOR)
Salad Burnet 1.0%
PRIMULA VERIS
Cowslip 0.4%
PRUNELLA VULGARIS
Self Heal 2.0%
RANUNCULUS ACRIS
Meadow Buttercup 2.5%
RHINANTHUS MINOR
Yellow Rattle 1.0%
RUMEX ACETOSA
Common Sorrel 0.6%
SILENE DIOICA
Red Campion 1.2%
SILENE FLOS-CUCULI - (LYCHNIS FLOS-CUCULI)
Ragged Robin 0.2%
TRIFOLIUM PRATENSE
Wild Red Clover 0.1%

Shrub Planting Schedule

Plant name	Height (cm)	Root Condition	Size (L)	Habit	Breaks	Planting Mix A (m2)	Planting Mix B (m2)	Density (per m2)	Total Number Plants
Aucuba japonica 'Variegata'	20-30	C	3L	Bushy	3	4		3	12
Azalea 'Diamond White'	40-60	C	3L	Bushy	3		2	3	6
Choisya temata 'White Dazzler'	30-40	C	3L	Bushy	4	1		3	3
Escallonia 'Apple Blossom'	40-60	C	3L	Bushy	4		5	3	15
Euonymus fortunei 'Emerald Gaiety'	20-30D	C	3L	Bushy	7		5	4	20
Euonymus fortunei 'Silver Queen'	20-30D	C	2L	Bushy	3	3		2	6
Hebe 'Red Edge'	30-40	C	3L	Bushy	5	1		4	4
Hydrangea macrophylla 'Nikko Blue'	40-60	C	3L	Branched	5		5	4	20
Hypericum Hidcote	30-40	C	3L	Bushy	5	3		4	12
Hypericum x moserianum	30-40	C	3L	Bushy	5	2		4	8
Lavendula angustifolia 'Munstead'	20-30	C	3L	Bushy	5		5	3	15
Lavendula 'Hidcote'	20-30	C	3L	Bushy	5		2	3	6
Lonicera pileata	30-40	C	3L	Bushy	2	2		3	6
Philadelphus 'Belle Etoile'	40-60	C	5-7.5L	Branched	5		5	2	10
Pieris 'Forest Flame'	20-30	C	3L	Bushy	3	3		3	9
Rosa 'Kent'	40-60	C	4L	Bushy			7	3	21
Rosa 'Moonlight'	40-60	C	3L	Bushy	4		8	3	24
Sarcococca humilis	20-30	C	3L	Bushy	7	1		3	3
Skimmia x confusa 'Kew Green'	30-40	C	5L	Bushy	3	3		4	12
Viburnum davidii	40-60	C	3L	Bushy		2	4	3	18
Viburnum x bodnantense 'Dawn'	80-100	C	10L	Branched	4		3	1	3
Viburnum x juddii	60-80	C	10L	Branched	5	2		2	4
Totals						27	51		237

Tree Planting Schedule

Name	Form	Age	Girth (cm)	Height (cm)	Clear stem (cm)	Root condition	Breaks	Nr of Trees
Acer griseum	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	1
Betula pubescens	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	3
Crataegus laevigata 'Paul's Scarlet'	Standard (extra heavy)	3x	16-18	425-600	175-200	RB	5	5
Malus 'Red Sentinel'	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	4
Pinus nigra Austriaca	Standard (extra heavy)	4x	30-35	min 450	min 200	RB		1
Prunus Avium	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	2
Quercus robur	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	1
Sequoiadendron giganteum	Leader with Laterals		45L	400		C		2
Sorbus torminalis	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	4
Sorbus aria	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	2
Tilia tomentosa	Standard (heavy)	3x	14-16	400-450	min 200	RB	5	2
Total								27

Rev C: Schedules amended with layout 14.01.2019

Rev B: Additional Trees/ Maint Spec amend 19.12.2018

Rev A: Layout Amend- Additional Trees 13.12.2018

Project:
Bryn Y Groes, Gresford (Phase 5)

Drawing Title:
Planting and Maintenance Schedules

Scale: NTS	Date: 02/10/2018
Status: Planning	Drawn: ES Checked: TS
Drawing Number: 029.01.16	Revision: C

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KEY	
	Operations to be carried out
	Bird nesting season
	Operations not to be carried out

Maintenance to be carried out in accordance with good horticultural practice to ensure tree, plant, seed and turf establishment. Continued maintenance to be carried out to ensure plants and trees continue to thrive and grow naturally dependant on the individual species.