TYPICAL ATTENUATION POND SECTION WITH PLANT MIX LOCATIONS NTS

The following typical section has been designed in collaboration with RPS Ecological Consultants.



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EM2 Standard General Purpose Meadow Mixture
(Sow at 40Kg/hectare or 4g/m2)

Composition:
Emorsgate EM2 (or similar approved) is a meadow mixture that contains species that are characteristic of traditional meadows across a wide range of soil types.

Wild Flowers (20%)

%	Latin name	Common name
0.5	*Achillea millefolium*	Yarrow
0.5	*Centaurea nigra*	Common Knapweed
1	*Daucus carota*	Wild Carrot
2	*Galium verum*	Lady's Bedstraw
2	*Leucanthemum vulgare*	Oxeye Daisy
3	*Poterium sanguisorba* - (*Sanguisorba minor*)	Salad Burnet
2.5	*Prunella vulgaris*	Selfheal
3.5	*Ranunculus acris*	Meadow Buttercup
0.5	*Rumex acetosa*	Common Sorrel
2.5	*Silene dioica*	Red Campion
2	*Silene vulgaris*	Bladder Campion

Grasses (80%)

%	Latin name	Common name
8	*Agrostis capillaris*	Common Bent
40	*Cynosurus cristatus*	Crested Dogstail
28	*Festuca rubra*	Slender-creeping Red-fescue
4	*Phleum bertolonii*	Smaller Cat's-tail

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EP1 Pond Edge Mixture
(Sow at 40Kg/hectare or 4g/m2)

Composition:
Emorsgate EP1 (or similar approved) contains wild flowers and grasses suitable for sowing at the wet margins of ponds, streams and ditches.

Wild Flowers (20%)

%	Latin name	Common name
0.4	*Achillea ptarmica*	Sneezewort
2	*Angelica sylvestris*	Wild Angelica
0.2	*Caltha palustris*	Marsh Marigold
0.5	*Eupatorium cannabinum*	Hemp Agrimony
2.4	*Filipendula ulmaria*	Meadowsweet
0.5	*Hypericum tetrapterum*	Square-stalked St John's Wort
4	*Iris pseudacorus*	Yellow Iris
0.5	*Lotus pedunculatus*	Greater Birdsfoot Trefoil
1	*Lycopus europaeus*	Gypsywort
1.5	*Lythrum salicaria*	Purple Loosestrife
3	*Ranunculus acris*	Meadow Buttercup
0.3	*Scrophularia auriculata*	Water Figwort
0.5	*Silene flos-cuculi* - (*Lychnis flos-cuculi*)	Ragged Robin
0.2	*Succisa pratensis*	Devil's-bit Scabious
1	*Thalictrum flavum*	Common Meadow-rue
2	*Vicia cracca*	Tufted Vetch

Grasses (80%)

%	Latin name	Common name
12	*Agrostis capillaris*	Common Bent
5	*Alopecurus pratensis*	Meadow Foxtail (w)
1	*Anthoxanthum odoratum*	Sweet Vernal-grass (w)
36	*Cynosurus cristatus*	Crested Dogstail
1	*Deschampsia cespitosa*	Tufted Hair-grass (w)
25	*Festuca rubra*	Slender-creeping Red-fescue

EH1 Hedgerow Mixture
(Sow at 40Kg/hectare or 4g/m2)

Composition:
Emorsgate EH1 (or similar approved) contains wild flowers and grasses that are tolerant of semi-shade and is suitable for sowing beneath newly planted or established hedges and on woodland edges, rides and glades.

Wild Flowers (20%)

%	Latin name	Common name
0.5	*Achillea millefolium*	Yarrow
1	*Agrimonia eupatoria*	Agrimony
1.5	*Alliaria petiolata*	Garlic Mustard
0.5	*Centaurea nigra*	Common Knapweed
2	*Galium album* - (*Galium mollugo*)	Hedge Bedstraw
2.2	*Geum urbanum*	Wood Avens
0.3	*Hypericum perforatum*	Perforate St John's Wort
1.5	*Leucanthemum vulgare*	Oxeye Daisy
0.5	*Plantago lanceolata*	Ribwort Plantain
0.5	*Primula veris*	Cowslip
2	*Prunella vulgaris*	Selfheal
2	*Silene dioica*	Red Campion
2	*Silene vulgaris*	Bladder Campion
0.5	*Stachys sylvatica*	Hedge Woundwort
1	*Torilis japonica*	Upright Hedge-parsley
0.5	*Tragopogon pratensis*	Goat's-beard
1.5	*Vicia cracca*	Tufted Vetch

Grasses (80%)

%	Latin name	Common name
10	*Agrostis capillaris*	Common Bent
1	*Anthoxanthum odoratum*	Sweet Vernal-grass (w)
6	*Brachypodium sylvaticum*	False Brome (w)
35	*Cynosurus cristatus*	Crested Dogstail
2	*Deschampsia cespitosa*	Tufted Hair-grass (w)
26	*Festuca rubra*	Slender-creeping Red-fescue

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EM8 Meadow Mixture For Wet Soils
(Sow at 40Kg/hectare or 4g/m2)

Composition:
EM8 contains species suitable for seasonally wet soils and is based on the vegetation of traditional floodplain and water meadows. Soils in wet meadows may flood for short periods in winter, but are usually well drained in summer.

Wild Flowers (20%)

%	Latin name	Common name
0.2	Achillea millefolium	Yarrow
0.2	Achillea ptarmica	Sneezewort
1.0	Betonica officinalis - (Stachys officinalis)	Betony
2.5	Centaurea nigra	Common Knapweed
2.0	Filipendula ulmaria	Meadowsweet
2.0	Galium verum	Lady's Bedstraw
0.5	Leontodon hispidus	Rough Hawkbit
0.5	Leucanthemum vulgare	Oxeye Daisy
0.7	Lotus corniculatus	Birdsfoot Trefoil
0.5	Lotus pedunculatus	Greater Birdsfoot Trefoil
1.0	Plantago lanceolata	Ribwort Plantain
1.0	Primula veris	Cowslip
1.5	Prunella vulgaris	Selfheal
2.0	Ranunculus acris	Meadow Buttercup
1.5	Rhinanthus minor	Yellow Rattle
1.5	Sanguisorba officinalis	Great Burnet
0.5	Silaum silaus	Pepper Saxifrage
0.4	Silene flos-cuculi - (Lychnis flos-cuculi)	Ragged Robin
0.5	Succisa pratensis	Devil's-bit Scabious

Grasses (80%)

%	Latin name	Common name
10.0	Agrostis capillaris	Common Bent
1.0	Alopecurus pratensis	Meadow Foxtail (w)
3.0	Anthoxanthum odoratum	Sweet Vernal-grass (w)
2.0	Briza media	Quaking Grass (w)
32.0	Cynosurus cristatus	Crested Dogstail
1.0	Deschampsia cespitosa	Tufted Hair-grass (w)
24.0	Festuca rubra	Slender-creeping Red-fescue
1.0	Hordeum secalinum	Meadow Barley (w)
6.0	Schedonorus pratensis - (Festuca pratensis)	Meadow Fescue (w)

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Species Rich Wetland Mixture

Composition:
Marginal Vegetation is to be planted in the bottom of the balancing ponds at a rate of 4 plants/m2 in blocks of 12 plants.

%	Latin name	Common name
5.0	*Nuphar lutea*	Yellow water-lilly
10.0	*Potamogeton crispus*	Curled pondweed
10.0	*Potamogeton natans*	Broad-leaved pondweed
25.0	*Myriophyllum spicatum*	Spiked water milfoil
25.0	*Ceratophyllum demersum*	Rigid hornwort
25.0	*Callitriche stagnalis*	Common water starwort

Proposed Bulb Planting
(Planting density 25/m2)

Composition:
This bulb mix contains a range of seasonal species. To be planted in single species groups of minimum 100 plants.

%	Latin name	Common name
7.5	*Anemona nemorosa*	Wood anemone
7.5	*Chionodoxa luciliae*	Glory of the snow
12.5	*Crocus chrysanthus* 'Cream Beauty'	Crocus 'Cream Beauty'
7.5	*Crocus sieberi*	Sieber's crocus
12.5	*Crocus tommasinianus*	Early crocus
7.5	*Galanthus nivalis*	Common snowdrop
7.5	*Gladiolus communis* subsp. *byzantinus*	Byzantine gladiolus
7.5	*Primula vulgaris*	Primrose
7.5	*Scilla siberica*	Siberian squill
7.5	*Hyacinthoides non-scripta*	Bluebell
7.5	*Narcissus pseudonarcissus*	Wild daffodil
7.5	*Fritillaria meleagris*	Snakeshead fritillary

EG21 Fine Lawn Grass Mix

Composition:
Emorsgate EG21 (or similar approved) contains fine leaved varieties of bent and fescue grasses. This mixture is ideal for producing a first class lawn but also has the qualities required for a low maintenance grass sward.

%	Latin name	Common name
10	*Agrostis capillaris*	Common Bent
50	*Festuca rubra*	Slender-creeping Red-fescue
40	*Festuca rubra ssp. commutata*	Chewing's Fescue

PLANT SCHEDULE

Tree Planting

RPS Main Street Tree Planting

No.	Abb. Text	Species	Form	Age	Girth	Height	Clear Stem	Root	Ctr
16	Acr pl CS	Acer platanoides 'Crimson Sentry'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
17	Cqms bl S	Carpinus betulus 'Streetwise'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
3	Liq sty	Liquidamber styraciflua	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
36									

RPS Secondary Street Tree Planting

No.	Abb. Text	Species	Form	Age	Girth	Height	Clear Stem	Root	Ctr
8	Acr cm S	Acer campestre 'Streetwise'	Standard (Heavy)	2x	12-14cm	350-425cm	min 200cm	C	70-100L
7	Acr pl PG	Acer platanoides 'Princeton Gold'	Standard (Heavy)	2x	12-14cm	350-425cm	min 200cm	C	70-100L
15									

RPS Tertiary Street Tree Planting

No.	Abb. Text	Species	Form	Age	Girth	Height	Clear Stem	Root	Ctr
9	Prns Ich	Prunus 'Ichiyo'	Standard (Heavy)	2x	12-14cm	350-425cm	min 200cm	C	70-100L
2	Prns w /t	Prunus sargentii 'Rancho'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
7	Srbs cm E	Sorbus commixta 'Embley'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
4	Srbs lhb JM	Sorbus thibetica 'John Mitchell'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
22									

RPS Rear Garden Tree Planting

No.	Abb. Text	Species	Form	Age	Girth	Height	Clear Stem	Root	Ctr
1	Mls E	Malus 'Everaste'	Standard (Heavy)	3x	12-14cm	350-425cm	175-200cm	C	70-100L
1									

RPS POS Tree Planting

No.	Abb. Text	Species	Form	Age	Girth	Height	Clear Stem	Root	Ctr
23	Acr fr AB	Acer freemanii 'Autumn Blaze'	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
11	Alr gl	Alnus glutinosa	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
17	Be pb	Betula pubescens	Standard (Heavy)	2x	12-14cm	300-350cm	175-200cm	C	70-100L
5	Sls fr	Salix fragilis	Standard (Heavy)	2x	12-14cm	350-425cm	175-200cm	C	70-100L
56									

Hedgerow Planting- To be planted in a double staggered row

RPS Native Hedgerow

Qty	Abb. Text	Species	Root	Height	Habit	Form	Age	Centres (m)	Mix %
28	Acr cm	Acer campestre	B	60-80cm		Transplant	1/1	0.500	10.00 %
170	Crtg mn	Crataegus monogyna	B	60-80cm		Transplant	1/1	0.500	60.00 %
29	Cryls av	Corylus avellana	B	60-80cm	Branched	Transplant	1/1	0.500	10.00 %
14	Il aq	Ilex aquifolium	C	60-80cm				0.500	5.00 %
14	Lnc prc	Lonicera periclymenum	C	60-80cm	Several Shoots			0.500	5.00 %
14	Mls sy	Prunus spinosa	B	60-80cm	Branched	Transplant	1/1	0.500	5.00 %
14	Vib op	Viburnum opulus	B	60-80cm	Branched	Transplant		0.500	5.00 %
282									

RPS Low Level Hedge Planting

Qty	%age Mix	Abb. Text	Species	Container	Root	Height	Habit	Centres
243	20.00 %	Brb th AN	Berberis thunbergii 'Atropurpurea Nana'		C		Branched	0.450
243	20.00 %	Lvn an HP	Lavandula angustifolia 'Hidcote Pink'		C		Bushy	0.450
243	20.00 %	Prns x cis	Prunus x cistena		C		Branched	0.450
488	40.00 %	Src cn	Sarcococca confusa		C		Bushy	0.450
1218								

Shrub / Herbaceous Planting

RPS Mix A Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
336	Chsy lr S	Choisya ternata 'Sundance'	3L	C	30-40cm	Bushy	35.00 %
232	Crth BM	Ceanothus 'Blue Mound'	3L	C	30-40cm(D)	Bushy	35.00 %
205	Prns lauro DL	Prunus laurocerasus 'Otto Luyken'	3L	C	30-40cm	Bushy	30.00 %
773							

RPS Mix B Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
1010	Hb WG	Hebe 'White Gem'	5-7.5L	C	30-40cm	Bushy	40.00 %
757	Lvn an R	Lavandula angustifolia 'Rosea'	5-7.5L	C	30-40cm	Bushy	30.00 %
597	Phv at BS	Perovskia atriplicifolia 'Blue Spire'	3L	C	30-40cm	Bushy	30.00 %
2364							

RPS Mix C Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
145	Brchyg S	Brachyglottis 'Sunshine'	3L	C	30-40cm	Branched	35.00 %
214	Crth lb R	Ceanothus thyrsiflorus 'Repens'	3L	C	30-40cm(D)	Bushy	35.00 %
222	Snc ch	Sarcococca hookeriana	5-7.5L	C	30-40cm	Bushy	30.00 %
581							

RPS Mix D Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
255	Cms st K	Cornus stolonifera 'Kelsey'	3L	C	30-40cm		30.00 %
236	Lnc pl	Lonicera pileata	3L	C	30-40cm(D)	Bushy	40.00 %
255	Snc hm	Sarcococca humilis	3L	C	20-25cm	Bushy	30.00 %
746							

RPS Mix E Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
420	Eny fr EG	Euonymus fortunei 'Emerald Gaiety'	5-7.5L	C	30-40cm(D)	Bushy	30.00 %
353	Mhn aq A	Mahonia aquifolium 'Apollo'	3L	C	20-25cm	Branched	40.00 %
268	Vb dv	Viburnum davidii	5-7.5L	C	30-40cm	Bushy	30.00 %
1041							

RPS Mix F Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
234	Da R	Danae racemosa	3L	C	30-40cm	Bushy	25.00 %
577	Eny fr EG	Euonymus fortunei 'Emerald Gaiety'	5-7.5L	C	30-40cm(D)	Bushy	40.00 %
326	Fch MP	Fuchsia 'Mrs Popple'	3L	C	30-40cm	Bushy	35.00 %
1137							

RPS Mix G Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
188	Bcb lb B	Berberis thunbergii 'Bagatelle'	3L	C	30-40cm	Branched	30.00 %
442	Chrsf st G	Cotoneaster salicifolius 'Gnom'	3L	C	40-60cm(D)	Branched	40.00 %
188	Rch b V	Pachysandra terminalis 'Variegata'	3L	C	15-20cm(D)	Several shoots	30.00 %
818							

RPS Mix H Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
73	Acb jp C	Aucuba japonica 'Crotonifolia'	3L	C	30-40cm	Bushy	25.00 %
73	Chsy ti	Choisya ternata	3L	C	30-40cm	Bushy	25.00 %
73	Phs x fr RR	Photinia x fraseri 'Red Robin'	C	C	30-40cm	Bushy	25.00 %
73	Prns lauro OL	Prunus laurocerasus 'Otto Luyken'	3L	C	40-60cm	Bushy	25.00 %
292							

RPS Mix J Planting

Qty	Abb. Text	Species	Container	Root	Height	Habit	%age Mix
102	Crth AB	Ceanothus 'Autumnal Blue'	3L	C	40-60cm	Leader with laterals	25.00 %
102	Eny jp	Euonymus japonicus	3L	C	30-40cm	Branched	25.00 %
102	Ids MB	Hebe 'Midsummer Beauty'	3L	C	30-40cm	Bushy	25.00 %
102	Vb tn EP	Viburnum tinus 'Eve Price'	3L	C	30-40cm	Bushy	25.00 %
408							

Defensive Shrub Mix (Caverswall)

Qty	Abb. Text	Species	Root	Height	Habit	Form	Age	Centres	Mix %
17	Cms sn	Cornus sanguinea	BR	60-80cm	Branched	Transplant	1/2	0.800	10.00 %
52	Crtg mn	Crataegus monogyna	BR	60-80cm		Transplant	1/1	0.800	30.00 %
17	Lgs vl	Ligustrum vulgare	BR	60-80cm	Branched	Transplant	1/1	0.800	10.00 %
52	Prns sp	Prunus spinosa	BR	60-80cm	Branched	Transplant	1/1	0.800	30.00 %
17	Rhmns alt	Rhamnus alaternus	BR	60-80cm	Branched	Transplant	1/1	0.800	10.00 %
9	Rs cn	Rosa canina	BR	60-80cm	Branched	Transplant	1/1	0.800	5.00 %
9	Vb op	Viburnum opulus	BR	60-80cm	Branched	Transplant	1/2	0.800	5.00 %
173									

PLANTING SPECIFICATION

EXISTING TREES AND SHRUBS

Where existing trees & shrubs are to be retained they should be subject to a full arboricultural inspection for safety.

Any surgery required shall be in accordance with BS 3998 (2010) 'Tree Work - Recommendations', shall comply with any existing T.P.O requirements and shall require the prior approval of the Landscape Architect.

Avoid damage to branches, trunks and roots of trees. All existing trees & hedges to be retained are subject to BS 5837 (2012) 'Trees in relation to design, demolition and construction - Recommendations', and should be fully fenced off, prior to the commencement of any works, in accordance with Figure 2 (p20) at the full extent of the root protection area, as determined by section 4.6 (p10-11) and Annex D (p40).

No storage of materials, disposal of rubbish, site fires, spillage of oil and chemicals, ground compaction, excavation or changes in level shall be carried out within existing tree / hedge canopies.

PLANTING

All plants and planting to comply with the requirements of all current / relevant British Standard specifications including BS 3936: Part 1 (1992), Part 2 (1990) and Part 4 (2007) and BS 4043 (1989) where applicable, BS 4428 (1989). All plants to be supplied in accordance with the plant schedule. Any plant material planted outside the recognised planting season (Nov-Feb), to be containerised stock and supplied at the sizes specified.

TREE PLANTING

A suitable method of foundation allowing for existing ground conditions is to be provided to accommodate the proposed tree planting. All trees are to be planted as shown ensuring a minimum of 5 metres from buildings and 3 metres from drainage and services. Where necessary, root barriers to be installed (supplier GreenBlue Urban (www.greenblueurban.com), or equal approved), as recommended by structural engineer. Allow for the use of container grown stock during the period 1 April to 31 October, and field grown stock from 1 November to 31 March.

SHRUB PLANTING

Where a shrub planting mix has been specified, plants to be grouped in 3 No. (min.) to 7 No. (max.) single species groups. Larger species to be located towards the rear of planting beds (i.e. where against a screen wall / house frontage), or towards the centre of an island planting bed. Thorny species to be located centrally within the planting bed.

TOPSOIL REQUIREMENTS

To BS 3882 (2015) 'Specification for topsoil' as qualified by full contract specification. All areas shall be cultivated to a minimum depth of 150mm. Full weed, rubbish and stones over 20mm gauge shall be removed. Earth to be rolled as required and raked in two directions. Applied to all newly planted areas (except wildflower / meadow planting), to manufacturers' recommendations where appropriate.

Shrub / structure planting beds - 450mm depth

Heavy standard tree pits - 1500mm dia. x 450mm depth
(Note: 450mm depth subsoil to be provided below - refer to tree pit details)

Grass areas (incl. rear gardens) - 100mm depth

Where necessary increase tree pit dimensions to ensure that tree pits are at least 75mm deeper and 150mm wider than rootball. Break up bottom of pits to a depth of 150mm. Compacted glazed sides of pits should be roughened.

Full analysis of existing and imported topsoil required prior to use.

TOPSOIL IMPROVEMENTS

Applied to all newly planted areas, to manufacturers' recommendations where appropriate:

1) Incorporate 75mm depth of soil conditioner into topsoil during cultivation;
2) Incorporate Enmag CRF granular fertilizer at approx 140g per pit to standard tree pit backfill and 70g per pit to structural/ornamental shrub planting;
3) Watering - supply minimum 54 litres / tree and 4.5 litres / shrub at planting;

PLANT MATERIAL TREATMENT

NB All to be British grown stock and fully hardened off.

Root Dip - Proprietary Root Dip applied to all bare rooted stock (1) at time of lifting at nursery and (2) prior to planting.

Anti-Desiccant - Proprietary anti-desiccant to be applied to foliage of all containerised / rootballed material in leaf, specimen conifers and evergreens etc. (1) prior to transportation and (2) during any delay in planting.

Pruning - Allow for pruning of all deciduous trees and shrubs by 1/3rd following planting **at Landscape Architects direction** or as indicated in the planting schedule.

Tree Stakes & Ties - Stakes to be pressure treated, round, smooth and peeled Larch or Chestnut, not less than 100mm in diameter. Advanced nursery stock - double staked with cross bar.

TREE STAKES, TIES & GUARDS

Trees planted within grassed areas to be provided with appropriate conical strimmer guards. Stakes to be pressure impregnated softwood, round, peeled, straight, free of projections and pointed at one end. Minimum length and thickness to be determined as follows:

Tree type	Min Dia.	Overall Height	Height exposed above ground
Ex / Hvy Std	100mm	1.8m	0.6m

Tree type	No. stakes	No. ties
Ex / Hvy Std	2	1

BULB PLANTING

Spring-flowering bulbs and hardy summer-flowering bulbs to be planted into the lawn during Autumn to ensure that they quickly re-root rather than dying back in dry / frosty weather. More tender summer-flowering bulbs to be planted in the Spring.

Discard any bulbs that are soft or show signs of rot. Scatter bulbs randomly over the area shown and plant where they fall, ensuring that they are not too close to each other to maximise flowering. Dig planting holes with a trowel / bulb planter, ~3x the depth of the bulb (shallow planting can dry out and weaken the bulbs). Break up some of the soil from the plug of turf removed and use to backfill. Replace the turf on top of the hole. Ensure the top of the turf plug is level with the surrounding lawn surface. When planting smaller bulbs, it is acceptable to lift / roll back sections of turf, fork over the soil and add a little balanced fertiliser (e.g. Growmore). Score the underside of the turf with a hand fork before replacing it. Firm the turf by hand or by gently tamping with the back of a rake.

WILDFLOWER MANAGEMENT

Do not use fertiliser

Control weeds before sowing. Annual weeds may be hoed, buried or killed with a contract herbicide. Perennial weeds should be eradicated by a translocated glyphosate-based herbicide.

Sow mixtures either from early March to early May, or from early August to mid September, cultivate the ground to provide a fine, weed free seed bed, firm if necessary. Sow evenly at 4gms / m2, thoroughly mix one part seed with four parts dry sand to easily distribute.

Rake seed in lightly with spring-tined rake and firm soil by treading or, preferably, rolling. Water with a fine spray and keep well watered and free from unwanted plants.

Cut the sward every six-eight weeks during the first year after sowing and remove the cuttings, in the following years cut in early spring before growth starts and in October once wild flowers have been shed - remove all cuttings.

TURFED AREAS

Turf to BS 3969 (1998+A1:2013) 'Recommendations for Turf for general purposes' from an approved source. When topsoil is reasonably dry and workable, grade to smooth, flowing contours removing all minor hollows and ridges. Cultivate soil to full depth and break up any compacted topsoil. Apply approved herbicide to control perennial weeds and allow period of time to elapse as recommended by manufacturer before final cultivation. Apply proprietary fertiliser. Reduce top 25mm topsoil to a fine tilth by further cultivation. Remove stones exceeding 50mm in any dimension. Lay turf with broken joints, well butted up, working from planks laid on previously laid turves, during appropriate season and weather conditions. Adjust levels by raking out or filling with fine soil under turves. Consolidate by lightly and evenly firming with wooden beaters as laying proceeds. Do not use rollers. Dress turf with fine topsoil and brush in to fill joints. Thoroughly water completed turf within 24 hours of laying.

TURFED AREAS: ESTABLISHMENT CUT

Water all grass areas to maintain healthy growth. When grass is 50mm high remove debris, litter and any stones later in dry conditions cut grass to between 25-30mm. Remove and dispose of all arisings.

GRASS SEEDED AREAS

All rear gardens to be grass seeded.

Grass seeding generally to BS 4428 (1998) 'Code of practice for general landscape operations'. When topsoil is reasonably dry and workable grade to smooth flowing contours removing all hollows and ridges. Cultivate soil to full depth and break up any compacted topsoil. Apply approved herbicide to control perennial weeds and allow period of time to elapse as recommended by manufacturer before final cultivation. Apply proprietary pre-seeding fertilizer. Reduce top 25mm of topsoil to a fine tilth by further cultivation. Remove stones exceeding 50mm in any dimension. Sow approved grass seed mixture in accordance with suppliers recommendations during appropriate season and weather conditions, e.g. Germinal (www.germinal.com) Mix A2 (Quality Lawn) (or equal approved) at 50gms/m2. Lightly harrow or rake then roll and cross-roll with lightweight roller.

GRASS SEEDED AREAS: ESTABLISHMENT CUT

When grass is between 40-75mm high remove stones and debris exceeding 50mm in any dimension and roll with a lightweight roller. About 48 hours later cut grass to approximately 35mm high. Remove and dispose of all arisings.

PROTECTIVE FENCING

The contractor shall maintain fencing until all site works are complete. The contractor will then remove the fencing and reinstate the ground. The fencing will remain the property of the contractor.

Within the area so fenced, the existing ground level shall be neither raised nor lowered, all excavations shall then be carried out by hand.

The Local Planning Authority shall be advised in writing when the protective fencing has been erected so that it can be checked on site before development commences, and shall thereafter be maintained during the period of construction.

MAINTENANCE

Regular visits (minimum 14 No.) required during the defects liability / rectification period to maintain all planted areas in a weed and litter free condition using a combination of chemical spray and hand weeding to be agreed with the Landscape Architect. Maintenance to include watering, pruning, pest and disease control and re-mulching as required. Grass areas to be mowed at 2 week intervals during the growing season.

Structure planting areas shall be maintained as non competitive weed free environment by repeated applications of a glyphosate based herbicide. Persistent weeds and unwanted scrub shall be spot treated as necessary with an alternative herbicide to be agreed with the Landscape Architect.

Watering shall be carried out as necessary to maintain healthy growth or as required by the Landscape Architect.

NB: Final visit to be immediately prior to handing over and to include a fertilizer treatment of Enmag CRF granular fertilizer at 100g / m2 to all planted areas.

SAFETY PRECAUTIONS

The landscape sub-contractor is to take all safety precautions to prevent any injury to any persons. The landscape sub-contractor shall comply with the requirements of the Health & Safety at Work Act 1974 and current Construction, Design and Management Regulations (2015).

All subject to Local Authority approval.

To be read in conjunction with the following RPS documents:

AAJ5157-RPS-XX-EX-DR-L-9001 :Landscape Proposals - Soft Detail 01
AAJ5157-RPS-XX-EX-DR-L-9002 :Landscape Proposals - Soft Detail 02
AAJ5157-RPS-XX-EX-DR-L-9003 :Landscape Proposals - Soft Detail 03
AAJ5157-RPS-XX-EX-DR-L-9004 :Landscape Proposals - Soft Detail 04
AAJ5157-RPS-XX-EX-DR-L-9005 :Landscape Proposals - Soft Detail 05
AAJ5157-RPS-XX-EX-DR-L-9006 :Landscape Proposals - Plant Schedule + Specification

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Notes
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2. If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.
3. This drawing should be read in conjunction with all other relevant drawings and specifications.

For guidance only.

1:20 - 0	200mm	400mm	600mm	800mm	1000	1200	1400	1600	1800	2000
1:100 - 0	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
1:50 - 0	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
1:5 - 0	100mm	200mm	300mm	400mm	500mm					

Safety, Health & Environment Information

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note below. It is assumed that all works on this drawing will be carried out by a competent contractor, working, where appropriate, to an appropriate method statement.

Construction risks	Maintenance/Cleaning risks	Demolition/Adaption risks

Rev	Description	By	Ckd	Date
P05	Defensive shrub mix added to plant schedule	JBT	DMB	06.12.19
P04	Addition of substation and associated planting	JBT	DMB	10.09.19
P03	LAP amended in accordance with Proludic proposals	JBT	DMB	04.09.19
P02	Updated as per latest layout. Planting introduced adjacent to access road and trees removed from rear gardens.	AH	JT	06.08.19

MAKING COMPLEX EASY

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Client: Persimmon Homes West Midlands

Project: Caverswall Lane Stoke-on-Trent

Title: Landscape Proposals : Plant Schedule + Specification

Status	Scale	Date Created
Approval	1:200 @A0	Jun 2019
Task Team Manager	**Information Author**	**Task Information Manager**
JBT	JBT	DMB

Document Number: AAJ5163-RPS-XX-EX-DR-L-9006
Project Code - Originator - Zone - Level - Type - Role - Drawing Number

RPS Project Number	Suitability	Revision
AAJ5163	S3	P05

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