

Precedent Planting Images



Amelanchier lamarckii



Crataegus laevigata 'Paul's Scarlet'



Cornus kousa chinensis



Malus 'Evereste'



Carpinus betulus



Sorbus aucuparia 'Cardinal Royal'



Euonymus alatus 'Compactus'



Hydrangea quercifolia



Mahonia eurybracteata 'Soft Caress'



Sarcococca confusa



Viburnum opulus 'Compactum'



Vinca minor 'Gertrude Jekyll'



Alchemilla mollis



Anemone x hybrida 'Honorine Jobert'



Epimedium x rubrum



Euphorbia amygdaloides robbiae



Geranium macrorrhizum 'Album'



Tiarella cordifolia



Hakonechloa macra



Woodland wildflower mix



Hycinthoides non-scripta



Galanthus nivalis

Plant Schedule

Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification
A lam	Amelanchier lamarckii	Juneberry	12-14	300-350	RB	3x HS, clear stem 175-200cm; 5 brks
A lam (MS)	Amelanchier lamarckii	Juneberry		250-300	RB	3x Multi-stem, bushy; 3 stems min.
C be	Carpinus betulus	Common Hornbeam	12-14	350-425	RB	3x Large Feathered, 7 brks
C k c	Cornus kousa chinensis	Chinese Dogwood		250-300	4SL	3x Multi-stem, bushy; 3 stems min.
C lae 'P S'	Crataegus laevigata 'Paul's Scarlet'	Midland Hawthorn 'Paul's Scarlet'	12-14	350-425	RB	3x HS, clear stem 175-200cm; 5 brks
C mon	Crataegus monogyna	Common Hawthorn	12-14	350-425	RB	3x HS, clear stem 175-200cm; 5 brks
M 'E'	Malus 'Evereste'	Crab Apple 'Evereste'	12-14	350-425	RB	3x HS, clear stem 175-200cm; 5 brks
S auc 'C R'	Sorbus aucuparia 'Cardinal Royal'	Rowan 'Cardinal Royal'	12-14	350-425	RB	3x HS, clear stem 175-200cm; 5 brks

Shrubs	Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification
C an	Cornus canadensis	Creeping Dogwood		15-20	3L		Several shoots; 13 brks
C can MP	Cornus sanguinea 'Midwinter Fire'	Dogwood 'Midwinter Fire'		40-60	3L		Branched; 3 brks
E UO COM	Euonymus alatus 'Compactus'	Winged Spindle 'Compactus'		40-60	5L		Bushy; 7 brks
E e 'R C'	Euonymus europaeus 'Red Cascade'	Spindle Tree 'Red Cascade'		60-80	10L		Branched; 3 brks
E a r	Euphorbia amygdaloides robbiae	Mrs Robb's Bonnet			2L		Full pot
G pr	Gaultheria procumbens	Checkerberry		15-20D	3L		Several shoots; 10 brks
H hi	Hedera helix	Iris Ivy		60-80	3L		Several shoots; 5 brks
H q	Hydrangea quercifolia	Oak-leaved Hydrangea		40-60	10L		Branched; 5 brks
I a	Ilex aquifolium	Common Holly		60-80	10L		Leader with laterals
L ni M	Lonicera nitida 'Maigra'	Box Honeysuckle		30-40D	3L		Bushy; 6 brks
MH CAR	Mahonia eurybracteata ganpinensis 'Soft Caress'	Mahonia 'Soft Caress'		20-40	10L		Bushy; 7 brks
M x m 'W S'	Mahonia x media 'Winter Sun'	Mahonia 'Winter Sun'		30-40	10L		Bushy; 2 brks
P 'G V'	Pachysandra terminalis	Japanese Spurge		15-20D	2L		Several shoots; 7 brks
S oo	Sarcococca confusa	Sweet Box		20-30	10L		Bushy; 6 brks
S x c 'K G'	Skimmia x confusa 'Kew Green'	Skimmia 'Kew Green'		30-40	5L		Bushy; 3 brks
T b	Taxus baccata	Common Yew		50-60D	RB		4x Ball shape, neatly clipped
V x b 'D'	Viburnum x bodnantense 'Dawn'	Viburnum 'Dawn'		60-80	10L		Branched; 3 brks
V ap 'C'	Viburnum opulus 'Compactum'	Quelder Rose 'Compactum'		30-40	3L		Bushy; 4 brks
V mi 'G J'	Vinca minor 'Gertrude Jekyll'	Lesser Periwinkle 'Gertrude Jekyll'		20-30D	2L		Several shoots; 3 brks

Herbaceous	Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification
A m	Acanthus mollis	Beer's Breeches		3L			Full pot
A mo	Alchemilla mollis	Lady's Mantle		2L			Full pot
A x h 'H S'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone 'Honorine Jobert'		3L			Full pot
B m 'J F'	Brunnera macrophylla 'Jack Frost'	Siberian Bugloss 'Jack Frost'		3L			Full pot
E r	Epimedium x rubrum	Red Barrenwort		2L			Full pot
G ma W	Geranium macrorrhizum 'Album'	Balkan Cranesbill 'Album'		3L			Full pot
P a 'S'	Penicaria affinis 'Superba'	Knavehead 'Superba'		3L			Full pot
T g	Tellima grandiflora	Fringe Clasp		2L			Full pot
T c	Tiarella cordifolia	Foam Flower		3L			Full pot

Grasses	Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification
C o 'E'	Carex oshimensis 'Evergold'	Japanese Sedge 'Evergold'		3L			Full pot
H m	Hakonechloa macra	Hakone Grass		3L			Full pot

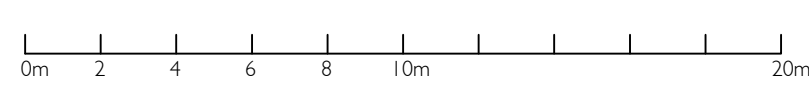
Hedging	Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification
C b	Carpinus betulus	Common Hornbeam		100-125	B		1+2; Transplant - seed raised

Native mixed hedge	Abbrev	Botanical Name	Common Name	Girth/Dia. cm	Height cm	Root Zone	Specification	Mx %
C mon	Crataegus monogyna	Common Hawthorn		60-80	B		1+1; Transplant - seed raised	40
C av	Cornus avellana	Common Hazel		60-80	B		1+2; Transplant - seed raised; branched; 3 brks	20
I a	Ilex aquifolium	Common Holly		60-80	5L		Leader with laterals	20
L v	Ligustrum vulgare	Wild Privet		60-80	5L		Branched; 7 brks	20

Grass Mixes	Woodland Mix (5g per m2) EH1 Emorsgate Seeds	Common Name	Grass Mixes	Shade Tolerant Lawn Mix (25g per m2) EG23 Emorsgate Seeds	Common Name
% mix	Botanical name		% mix	Botanical name	
3.00%	Wildflowers (20%): Alliaria petiolata	Garlic Mustard	8%	Agrostis capillaris	Highland Bent
0.80%	Allium ursinum	Ramsons	40%	Festuca rubra	Slender-creeping Red-fescue
1.60%	Betonica officinalis - (Stachys officinalis)	Betony	32%	Festuca rubra ssp. Commutata	Chewing's Fescue
1.00%	Chaerophyllum temulum	Rough Chervil	8%	Poa nemoralis	Smooth-stalked grass
0.40%	Digitalis purpurea	Foxglove	8%	Poa trivialis	Rough-stalked Meadow-grass
2.80%	Filipendula ulmaria	Meadowsweet			
1.00%	Galium album - (Galium mollugo)	Hedge Bedstraw			
1.00%	Geum rivale	Water Avenas			
0.20%	Geum urbanum	Wood Avenas			
2.80%	Hycinthoides non-scripta	Bluebell			
0.80%	Hypericum hirsutum	Hairy St John's-wort			
1.50%	Prunella vulgaris	Self-heal			
2.70%	Silene dioica	Red Campion			
0.20%	Silene flos-cuculi - (Lychnis flos-cuculi)	Ragged Robin			
1.00%	Teucrium scorodonia	Wood Sage			
	Slow growing grasses (80%):				
10%	Agrostis capillaris	Common Bent			
2%	Anthoxanthum odoratum	Sweet Vernal grass (w)			
7%	Brachypodium sylvaticum	False Brome (w)			
20%	Cynosurus cristatus	Crested Dogtail			
2%	Deschampsia cespitosa	Tufted Hair-grass (w)			
28%	Festuca rubra	Slender-creeping Red-fescue			
12%	Poa nemoralis	Slender-creeping Red-fescue			

Landscape Proposals - General Arrangement 1:200

Scale: 1:200



GENERAL LANDSCAPE SPECIFICATION NOTES:

General notes on planting mixes

- Herbaceous stock, small grasses and ground cover shrubs to be planted in small groups (max. 5no.) at 4 plants per m², and located at the front of beds, adjacent to footpaths or at the entrance/ to the side of properties.
- Woody shrubs to be planted in small groups (max. 5no.) at 3 plants per m²
- Large shrubs should not be positioned in front of ground floor windows or immediately adjacent to footpaths in order that views and/ or access is not obstructed.

1.0 SOILS: Subgrade / subsoil to be prepared in accordance with BS 4428 and scarified or ripped to 200mm depth prior to spreading topsoil to alleviate compaction and promote drainage. Imported and as saved topsoil to be in accordance with BS3882: 2007 'Multipurpose Grade' with minimum soil organic matter contents 1% greater than the minimal value (or as approved). Imported topsoil (and 'as saved' if requested) is to be laboratory tested to BS3882: 2007 and ameliorated as required to meet the required characteristics as detailed within Table 1 of BS3882: 2007 specification. Grass areas to be a minimum depth of 150mm, shrub beds 300mm depth and tree plantations 300mm depth. Any weed / grass growth to be sprayed out with appropriate herbicide at least 10 days prior to cultivation. Incorporate proprietary non peat compost to BS1 PAS 100 to 50mm depth evenly worked into soil.

N.B Proposed services in landscape areas should be installed as a minimum below the required topsoil depths and clearly identified in accordance with service / utility requirements.

2.0 EXISTING TREES: Where trees are to be retained they should be subject to a full arboricultural inspection to assess condition and safety. Retained trees shall be protected from damage by erection of 2.3m weldmesh fencing on a scaffold framework in accordance BS 5837:2005 Figure 2. These barriers shall be maintained in position and in good condition until works are complete. Fencing to be located in accordance with Table 2, at a radius of 12 times the stem diameter (single stem trees) or 10 times the basal diameter (trees with more than one stem arising below 1.5m above ground level) refer to Clause 5.2.2. Further precautions are to be taken as detailed within BS 5837:2005 9.4.

3.0 TREE SURGERY / REMOVAL: Tree surgery and tree removal to be carried out by an Arboricultural Association approved Tree surgeon in accordance with BS 3998:1989.

4.0 TREE PLANTING: All trees to be in accordance with BS 3936 / 4043. Trees to be planted in accordance with BS 8545: 2014 and securely staked and tied in pits 1000 x 1000 x 750mm backfilled with topsoil mixed with 40% of tree planting compost, ensuring tree pits are a minimum of 75mm deeper and 150mm wider than the tree roots. Base of pits to be broken up to a depth of 200mm. Root balls to be encircled by Root Rain Metro or similar irrigation pipe. Well water after planting. The base of trees to be planted in grass areas are to be covered with 75mm depth bark mulch to 1.0 metre diameter and kept weed free.

All standard trees (8-10cm girth) and above to be staked. Extra heavy standard trees (14-16cm girth) and above to be double-staked. Stakes to be driven vertically at least 300mm into bottom of pit before planting. Consolidate material around stake and firm sufficiently to prevent movement of the rootball. Cut off stakes to approximately 600 mm above ground level. Adjustable ties to be used to attach trees to stakes. Where necessary trees to be protected from rabbits with securely-staked individual rabbit mesh guards. Trees within areas of public open space to be fitted with strimmer guards.

Where proposed tree locations conflict with services, trees are to be relocated in accordance with the appropriate utilities guidance notes subject to client / local authority approval. Proprietary root barrier Greenleaf, ReRoot or similar to be installed in accordance with manufacturers instructions where relocation is not considered appropriate.

5.0 SHRUB & HERBACEOUS PLANTING: Plants to be in accordance with BS 3936 and handled in accordance with CPSE guidelines and planted in accordance with BS 4428. All shrubs to have a minimum of three diameters. Well water plants immediately after planting and prior to spreading of mulch. Planting areas to be covered with 75mm depth bark mulch and kept weed free.

6.0 HEDGE PLANTING: plants to be in accordance with BS 3936 and handled in accordance with CPSE guidelines and planted in accordance with BS 4428. Hedge plants to be pit planted in double staggered rows 300mm apart at 450mm centres. Well water plants immediately after planting and prior to spreading of mulch. Planted areas to be covered with 75mm depth bark mulch and kept weed free. Where necessary plants to be protected from rabbits with rabbit fence and / or individual rabbit mesh guards securely staked.

7.0 TURFING: Grass turf areas to be Rolawn Medallion® Turf or similar approved, laid in accordance with BS4428. Topsoil to be rototivated and levelled as required and any debris or stones greater than 20mmØ diameter removed. Pre-turfing fertiliser to be applied in accordance with manufacturers instructions. Turf to be laid from planks with broken joints well buttered up. Well water after laying to avoid shrinkage.

8.0 SEEDING: grass areas to be seeded in accordance with BS 4428. To be seeded during March, April or September. Topsoil to be rototivated and levelled as required and any debris or stones greater than 20mmØ diameter removed. Pre-seed fertiliser to be applied in accordance with manufacturers instructions. Lightly rake areas after sowing.

9.0 WILDFLOWER SEEDING: grass areas to be seeded in accordance with BS 4428 during March, April or September. Unimproved topsoil to be imported, rototivated and levelled if required and any debris or stones greater than 20mm diameter removed. Lightly rake areas after sowing. Refer to schedules for seed mixes and sowing rates.

10.0 BULB PLANTING: each bulb to be planted at a depth of approximately twice its height; base in contact with bottom of hole. Backfilled with finely broken soil, lightly firmed to existing ground level. In existing grassed areas scatter bulbs where they fall; existing turf to be plugged and replaced. Bulbs should be firm and entire, not dried out; and free from pests, diseases and fungus.

KEY:

- Site boundary
- Proposed shade tolerant lawn mix (Emorsgate EG23)
- Proposed woodland wildflower mix (Emorsgate EH1) and native bulb planting (Bluebells, Snowdrops and Wild Garlic)
- Proposed habitat log pile (using trees felled on site)
- Proposed planting areas (shade tolerant mix of shrubs, perennials and grasses) See planting schedule for details
- Proposed tree planting (see planting schedule and plan annotation for key tree details)
- Proposed native evergreen shade tolerant understorey planting (50% Holly and 50% Yew), positions shown are indicative only - final position to depend on space available between existing vegetation
- Existing tree (see tree survey for details)
- Existing tree group to be removed (see tree survey for details)
- Existing tree - root protection area (RPA)
- Proposed hedge planting (see planting schedule and plan annotation for details)
- Proposed resin-bound areas (golden/ buff colour)
- Driveway - Cellweb TRP cellular (or similar) confinement system with aggregate fill and golden/ buff colour bound gravel wearing course
- Proposed oak gateposts to mark property entrance
- Proposed 1.2m high timber post and rail fence

NOTE:

Landscape Buffer/ Wildlife Corridor:

The buffer will include the following:

- Manage woodland to enhance wildlife value and visual screening
- Access gates to be provided to the woodland buffer to allow maintenance
- Native mixed hedgerow (Hawthorn, Hazel, Holly and Privet)
- Plant native evergreen shade tolerant understorey species; Holly (Ilex aquifolium) and Yew (Taxus baccata) 25L specimens to provide screening
- Sow mix of woodland wild flowers and grasses which are suitable for shade that will bloom in spring and early summer
- Native bulb planting (Bluebells, Snowdrops and Wild Garlic)
- Creation of dead wood habitat piles for colonisation by invertebrates, fungi, and small mammals including hedgehogs

Private Gardens:

- Inclusion of native species, and species known to be of value for the attraction of wildlife
- Inclusion of trees which support blossom and fruit which will attract insects
- Shade tolerant understorey and ground cover planting to optimise the attraction of invertebrates including bumblebees and butterflies
- Inclusion of flowering species to maximise the opportunities for feeding invertebrates and for the attraction of foraging bats and birds

Existing trees:

- Please refer to Arboricultural Report for all information relating to the existing site trees

Nationwide Building & Civils Ltd

Residential dwellings at former nursing home, Ainsworth

Landscape Proposals