PLANTING SPECIFICATION

Amenity turf

Grass Areas

Seed Mix Name	Seed Mix Supplier	Density
Top grade cultivated lawn turf	J&B Farnaby	1/m²

Ground preparation:

Multipurpose Topsoil to comply with BS 3882. Once the area is clear and free of weeds, ensure you have a minimum topsoil depth of 150mm which is levelled and raked to a fine tilth. Gently walk up and down the area to identify irregularities.
Dig over or rotovate the soil to loosen it up.
Remove any surface stone, clods, other debris and perennial weeds.
Once loosened the soil must be lightly compacted by walking over the whole area and then again at right angles to the first direction.
Break up any heavily compacted areas using a fork and fill any dips, lightly compacting.
Then rake the surface to a fine tilth and make sure that the surface is level.
Do not use any heavy equipment on the prepared soil, such as roller, as this will compact the soil too much.
Water the soil a couple of days before your turf arrives. Ensure the soil is moist to a depth of 75mm ready to provide water to the roots of the turf. This also helps the soil to settle and it will need to be raked level again just before the turf arrives.
Apply a pre-turfing fertiliser to the soil in accordance with manufacturer's instructions, incorporating it into the top 25mm of soil.

Laying the turf:

Turf to be certified to TGA Turf Quality Standards. Turf shall comply with BS 4428 Section 6, Turfing.
Lay the turf, using a straight edge, butting closely end to end.
On subsequent rows stagger the joints in brickwork fashion.
Lightly firm down the turves with the head of a rake or piece of wood to ensure good contact between the underside of the turf and the soil.
Any remaining cracks must be filled with a light soil and tamped down.
Trim the ends of the turf with a long knife, hand saw or cutting spade to shape around any trees, paths and beds.
Where the outer edges of the new turf are exposed, cover with a light soil to prevent them drying out. This can be removed after a few weeks, once the turf is more established.
Planks must be placed on your newly laid turf for walking along and working from to ensure the prepared soil remains level.
Never use a roller on freshly laid turf as this can cause compaction if used incorrectly.
Always push turf into a joint; never stretch the turves by pulling them.
Turf must not be allowed to dry out. In hot weather try to start watering areas laid first prior to completing the whole area, then continue to water regularly.
Mow at the highest setting (40-50mm+) as soon as the new turf has started to root and cannot be dislodged, which could even be within a week after laying, to encourage establishment.

Aftercare:

First season management:

Mow regularly removing no more than 1/3 of the grass blade length to maintain a sward height of 25-40mm. Alternate the direction of mowing. Keep regularly watered. Always water in the early morning or evening to minimise evapouration.

Management once established:

Mow and irrigate lawns regularly as required throughout the growing season (generally March - October). In the summer increase the mowing regime to twice a week unless the lawn is suffering drought in which case drop it back to once a week and increase the watering regime. Feed once a year.

Flowering lawn

Grass Areas

Seed Mix Name	Seed Mix Supplier	Density
EL1 Flowering Lawn Mixture	Emorsgate Seeds	4g/m²

Ground preparation:

Break up subsoil to a depth of 300mm and remove any rubbish or material greater than 50mm in any dimension. Remove perennial weeds using repeated cultivation. Apply 50mm topsoil to comply with BS3882 : Low fertility'.

Sowing:

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed but firm in with a roll, or by treading, to give good soil/seed contact.

Aftercare:

First year management:

The wildflower and grass species in this mix are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This annual weed growth is easily controlled by repeated mowing. Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. This will gradually develop a good sward structure, help maintain balance between faster growing grasses and slower developing wildflowers, and control annual weeds. Carefully dig out or spot treat any residual perennial weeds such as docks.

Management once established:

Mow regularly as a lawn but not too short (25-40mm). To permit flowering, mowing can be relaxed from late June. Cut again when the sward gets untidy (after 4-8 weeks). Mowing may be suspended earlier in the year to allow cowslips to flower. Heavy quantities of cuttings should be collected and removed from site.

Mixed, species poor, native hedgerow - privavte gardens

Mixed species poor native hedgerow

Number	Species	Height	Specification	Density	Percentage Contribution
391	Corylus avellana	60-80cm	BR :1+1	0.4Ctr Double Staggered at 0.4m offset	15%
281	Euonymus europaeus	60-80cm	BR :1+1	0.4Ctr Double Staggered at 0.4m offset	10%
640	Fagus sylvatica	60-80cm	BR :1+1	0.4Ctr Double Staggered at 0.4m offset	25%
640	Fagus sylvatica 'Purpurea'	60-80cm	BR :1+1	0.4Ctr Double Staggered at 0.4m offset	25%
391	Ilex aquifolium	60-80cm	C	0.4Ctr Double Staggered at 0.4m offset	15%
281	Viburnum lanata	60-80cm	BR :1+1	0.4Ctr Double Staggered at 0.4m offset	10%
Total :2624					

Preparation and planting:

A minimum of 350mm of topsoil to BS 3882 Multi-purpose and 300mm cultivated depth of sub-soil will be provided in all hedge planting areas. Remove all general rubbish, stones, earth clods, large roots and existing weed vegetation exceeding 50mm in any one dimension from the top soil. Rake the surface to an even, firm, friable surface that is not over compacted and ensure levels tie in to the surround areas. All plant material will be to BS 3936 (Nursery Stock). Plant in the dormant season between late October to late March. Plant immediately on delivery from the supplier. Roots must be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 50mm wider in all directions), add pelleted chicken manure or similar to the planting pit prior to planting in accordance with the manufacturer's instructions. Plant in a double staggered row, planting bed minimum 600mm wide cultivated to a minimum 300mm depth, with 400mm between rows and 400mm between plants at 5 plants per meter, plant so the root collar is at the same level as when in the pot. Back fill top soil into the planting pit to bring the top of the root ball level with the soil surface. Water immediately. Apply 75mm settled depth of bark chippings post planting to all hedge planting beds to suppress weed growth.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 3L water per plant per day. Lightly prune the tips of the branches just before the growing season to make them branch out. At the end of the growing season cut away any dead, damaged or crossing branches to maintain plant health. For the first 5 years feed all new plants with a pelleted chicken manure or similar in accordance with the manufacturer's instructions, once a year at the beginning of the growing season and water in. Thereafter a mulch of organic matter such as: well-rotted manure or leaf manure or compost at the beginning of the growing season will maintain a healthy supply of nutrients for each plant. Top up to 75mm settled depth bark chippings annually to supress weed growth. Remove and replace any diseased plants to prevent the spread of disease.

Species rich grassland

Grass Areas

Seed Mix Name	Seed Mix Supplier	Density
EH1 Hedgerow Mixture	Emorsgate Seeds	4g/m²
EM2 Standard General Purpose Meadow Mixture	Emorsgate Seeds	4g/m²

Ground preparation:

Break up subsoil to a depth of 300mm and remove any rubbish or material greater than 50mm in any dimension. Apply 50mm topsoil to comply with BS3882 : Low fertility'.

Sowing:

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed but firm in with a roll, or by treading, to give good soil/seed contact.

Aftercare:

First year management:

Most sown meadow wildflower and grass species are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season which may grow up and obscure the meadow seedlings beneath. This annual weed growth is easily controlled by topping or mowing. Mow newly sown meadows regularly throughout the first year of establishment to a height of 40-60mm, removing cuttings if dense. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wildflowers. Carefully dig out or spot treat any residual or emerging perennial weeds such as docks.

Management once established:

In the second and subsequent years EM2 sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based around a main summer hay cut in combination with autumn and possibly spring mowing. Meadow grassland is not cut from spring through to late July/August to give the sown species an opportunity to flower. After flowering in July or August take a 'hay cut': cut back with a scythe, petrol strimmer to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site. Mow the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

Native scrub

Native scrub 2

Number	Species	Height	Specification	Density	Percentage Contribution
21	Acer campestre	60-80cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
21	Acer campestre	150-175cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
40	Cornus sanguinea	60-80cm	BR :1+1 : groups of 3-8	1.5Ctr	10%
58	Corylus avellana	60-80cm	BR :1+1 : groups of 3-8	1.5Ctr	15%
40	Corylus avellana	150-175cm	BR :1+1 : groups of 3-8	1.5Ctr	10%
21	Crataegus monogyna	60-80cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
21	Euonymus europaeus	60-80cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
21	Euonymus europaeus	150-175cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
21	Ilex aquifolium	40-60cm	C : Individuals	1.5Ctr	5%
21	Malus sylvestris	60-80cm	BR :1+1 : groups of 3-5	1.5Ctr	5%
58	Prunus spinosa	60-80cm	BR :1+1 : groups of 5-9	1.5Ctr	15%
21	Prunus spinosa	150-175cm	BR :1+1 : groups of 5-9	1.5Ctr	5%
21	Rosa canina	40-60cm	BR :1+1 : groups of 3-8	1.5Ctr	5%
21	Viburnum opulus	60-80cm	BR :1+1 : groups of 3-5	1.5Ctr	5%
Total :408					

Preparation and planting:

1m to 3m centres naturalistic. Branched, min 3 breaks.
Where planting into existing grassland - notch planted randomly within scrub area, ensure roots are completely covered with soil and plants are firmed in to an upright position.
Where planting into new ground - Mulitpurpose topsoil to comply with BS 3882. Remove any general rubbish, stones, large roots and existing weed vegetation greater than 50mm in any one dimension from the planting site. Break up subsoil and cultivate to a depth of 300mm. Add top soil to a further settled depth of 300mm. Plant in the dormant season between late October to late March. Plant immediately on delivery from the supplier and ensure to retain moisture to the roots.
Protect with biodegradable spiral tree guards, and support with a cane using a soft tie. Apply weed suppressant membrane and cover with a 75mm settled depth of bark chippings.

Maintenance requirements:

Standard native scrub establishment in accordance with supplier guidelines. Thin 30% of the scrub area each year on a rotating basis to allow a mix of young and mature scrub to establish. Avoid works during bird nesting season, maintenance activities are recommended to be carried out between November to February although care should also be taken to avoid disruption to hibernating mammals and reptiles within this period. Leave areas of bare ground with prunings used to create dead wood piles to increase the range of micro-habitats. Water regularly until new root systems have established. Control invasive species where identified.

Mixed, species rich, native hedgerow - public open spaces

Mixed species rich native hedgerow

Number	Species	Height	Specification	Density	Percentage Contribution
180	Acer campestre	60-80cm	BR :1+1 :groups of 3-8 :Bushy	0.4Ctr Double Staggered at 0.4m offset	10%
92	Cornus sanguinea	60-80cm	BR :1+1 : groups of 3-8 :Bushy	0.4Ctr Double Staggered at 0.4m offset	5%
446	Corylus avellana	60-80cm	BR :1+1 : groups of 3-8 :Bushy	0.4Ctr Double Staggered at 0.4m offset	25%
446	Crataegus monogyna	60-80cm	BR :1+1 :groups of 3-8 :Bushy	0.4Ctr Double Staggered at 0.4m offset	25%
92	Ilex aquifolium	40-60cm	C : Individuals :Bushy	0.4Ctr Double Staggered at 0.4m offset	5%
92	Lonicera periclymenum	40-60cm	C : Individuals :Several Shoots :3/4 brks	0.4Ctr Double Staggered at 0.4m offset	5%
92	Malus sylvestris	60-80cm	BR :1+1 :groups of 3-5 :Bushy	0.4Ctr Double Staggered at 0.4m offset	5%
180	Prunus spinosa	60-80cm	BR :1+1 :groups of 5-9 :Bushy	0.4Ctr Double Staggered at 0.4m offset	10%
92	Rosa canina	60-80cm	BR :1+1 : groups of 3-8 :Bushy	0.4Ctr Double Staggered at 0.4m offset	5%
92	Viburnum opulus	60-80cm	BR :1+1 : groups of 3-5 :Bushy	0.4Ctr Double Staggered at 0.4m offset	5%
Total :1804					

Preparation and planting:

5 per linear meter.
Flail or strim the planting area prior to planting. Notch plant (pit plant for Ilex and Lonicera) in a double staggered row at 400mm centres with 400mm between rows between November and March. Ensure the plant is set into the ground at the same depth as it grew in the nursery and firm the soil in around the roots. Protect plants with spiral tree guards and apply 75mm settled depth of chipped bark or similar to supress weeds.

Maintenance requirements:

Year 1-3: Remove emerging weeds and top up to 75mm chipped bark mulch annually. Replace any dead, damaged or dying plants between November and March. Lightly trim in spring to encourage plants to bush out. Water in dry weather, allow 2L per plant per day.

Year 4 onwards: Remove spiral guards. Cut no more than 90% of hedge in February, spread chippings under the hedge. Leave remaining sections to grow for 1 further year. Vary the location of sections which are left for two years each year.

Trees

Trees

Number	Species	Height	Girth	Specification	Density
9	Betula pendula	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
11	Malus 'Red Sentinel'	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
6	Malus 'Snowcloud'	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
9	Prunus avium	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
10	Prunus avium 'Plena'	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
6	Sorbus 'Joseph Rock'	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
7	Sorbus aria	200-250cm	10-12cm	Selected Standard :2x :RB	Counted
Total :58					

Preparation and planting:

Remove any general rubbish, stones, large roots and existing weed vegetation from the planting site. Plant in the dormant season between late October to late March. Plant immediately upon delivery from the supplier. Roots must be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 150mm wider in all directions) and break up the base. Back fill multipurpose topsoil to comply with BS 3882 into the planting pit to bring the root ball level with the soil surface. Place the tree into the planting pit and backfill with top soil, firming in to hold the root ball in place. Water immediately. Trees will require staking, place two stakes driven 500mm into the base of the tree pit with 600mm clearance above ground directly opposite each other with the tree in between the two. Using cross bracing and soft tree ties to secure the tree loosely to the stakes. Apply 75mm settled depth of chipped bark to an area 1m radius from the tree trunk.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 10L per tree per day. Top up annually to 75mm settled depth chipped bark. After the fifth year remove the stakes from the trees.

Ornamental planting

BHF Mix 1

Number	Species	Spread	Pot Size	Specification	Density	Percentage Contribution
41	Echinacea purpurea	20-30cm	3L	C	4/m²	20%
41	Miscanthus nepalensis		3L	Full Pot; C	4/m²	20%
41	Panicum virgatum 'Shenandoah'		3L	Full Pot; C	4/m²	20%
41	Pennisetum orientale 'Karley Rose'		3L	Full Pot; C	4/m²	20%
41	Stipa calamagrostis		3L	Full Pot; C	4/m²	20%
Total :205						

BHF Mix 2

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
12	Berberis frikartii 'Amstelveen'	30-40cm	3L	Bushy :C	4/m²	20%
12	Lonicera nitida 'Lemon Beauty'	30-40cm	3L	Bushy :C	4/m²	20%
12	Sarcococca humilis 'Winter Gem'	30-40cm	3L	Bushy :C	4/m²	20%
12	Spiraea japonica 'Fire Light'	30-40cm	3L	Bushy :C	4/m²	20%
12	Vinca minor 'Alba'	30-40cm	3L	Bushy :C	4/m²	20%
Total :60						

BHF Mix 3

Number	Species	Spread	Pot Size	Specification	Density	Percentage Contribution
27	Calamagrostis brachytricha		3L	Full Pot; C	4/m²	25%
27	Miscanthus sinensis 'Kleine Fontane'		3L	Full Pot; C	4/m²	25%
27	Panicum virgatum 'Northwind'		3L	Full Pot; C	4/m²	25%
27	Pulmonaria 'Ice Ballet'	20-30cm	3L	Full Pot :C	4/m²	25%
Total :108						

BHF Mix 4

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
10	Euonymus fortunei 'Harlequin'	30-40cm	3L	Bushy :C	4/m²	35%
10	Lonicera nitida 'Lemon Beauty'	30-40cm	3L	Bushy :C	4/m²	35%
9	Pachysandra terminalis	30-40cm	3L	Bushy :C	4/m²	30%
Total :29						

BHF Mix 5

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
5	Hebe ochracea 'James Stirling'	30-40cm	3L	Bushy :C	4/m²	30%
6	Ruscus aculeatus	30-40cm	3L	Bushy :C	4/m²	35%
6	Sarcococca confusa	30-40cm	3L	Bushy :C	4/m²	35%
Total :17						

BHF Mix 6

Number	Species	Spread	Pot Size	Specification	Density	Percentage Contribution
15	Achillea millefolium	20-30cm	3L	Full Pot :C	4/m²	30%
18	Carex comans 'Frosted Curls'		3L	Full Pot :C	4/m²	35%
18	Molinia caerulea 'Edith Dudszus'		3L	Full Pot :C	4/m²	35%
Total :51						

BHF Mix 7

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
8	Berberis frikartii 'Amstelveen'	30-40cm	3L	Bushy :C	4/m²	20%
8	Euonymus fortunei 'Emerald 'n' Gold'	30-40cm	3L	Bushy :C	4/m²	20%
8	Mahonia aquifolium 'Apollo'	30-40cm	3L	Bushy :C	4/m²	20%
8	Sarcococca humilis 'Winter Gem'	30-40cm	3L	Bushy :C	4/m²	20%
8	Vinca minor 'Alba'	30-40cm	3L	Bushy :C	4/m²	20%
Total :40						

BHF Mix 8

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
10	Hebe youngii	30-40cm	3L	Bushy :C	4/m²	25%
10	Leucothoe keiskei 'Royal Ruby'	30-40cm	3L	Bushy :C	4/m²	25%
10	Skimmia japonica 'Fragrans'	30-40cm	3L	Bushy :C	4/m²	25%
10	Weigela florida 'Monet'	30-40cm	3L	Bushy :C	4/m²	25%
Total :40						

BHF Mix 9

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
10	Ceanothus 'Burkwoodii'	30-40cm	3L	Bushy :C	4/m²	20%
10	Chimonanthus praecox	30-40cm	3L	Bushy :C	4/m²	20%
10	Escallonia 'Apple Blossom'	30-40cm	3L	Bushy :C	4/m²	20%
10	Hydrangea macrophylla 'Europa'	30-40cm	3L	Bushy :C	4/m²	20%
10	Kerria japonica 'Picta'	30-40cm	3L	Bushy :C	4/m²	20%
Total :50						

BHF Mix 10

Number	Species	Height	Spread	Pot Size	Specification	Density	Percentage Contribution
19	Hebe 'Wiri Cloud'	30-40cm		3L	Bushy :C	4/m²	20%
19	Lavandula angustifolia 'Imperial Gem'	30-40cm		3L	Bushy :C	4/m²	20%
19	Salvia 'Lacey Blue'		20-30cm	3L	Full Pot :C	4/m²	20%
19	Santolina chamaecyparissus 'Small Ness'	30-40cm		3L	Bushy :C	4/m²	20%
19	Veronica spicata 'Rotfuchs'		20-30cm	3L	Full Pot ;C	4/m²	20%
Total :95							

Native mix

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
19	Euonymus europaeus	30-40cm	2L	Bushy :C	1/m²	20%
19	Ilex aquifolium	30-40cm	2L	Bushy :C	1/m²	20%
19	Prunus spinosa	30-40cm	2L	Bushy :C	1/m²	20%
19	Rosa canina	30-40cm	2L	Bushy :C	1/m²	20%
19	Viburnum opulus	30-40cm	2L	Bushy :C	1/m²	20%
Total :95						

Native mix 2

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
9	Acer campestre	60-80cm	3L	Transplant :C	1/m²	10%
14	Corylus avellana	40-60cm	3L	Bushy :C	1/m²	15%
9	Euonymus europaeus	40-60cm	3L	Bushy :C	1/m²	10%
14	Ilex aquifolium	40-60cm	3L	Bushy :C	1/m²	15%
9	Malus sylvestris	60-80cm	3L	Transplant :C	1/m²	10%
14	Prunus spinosa	40-60cm	3L	Bushy :C	1/m²	15%
14	Rosa canina	40-60cm	3L	Bushy :C	1/m²	15%
9	Viburnum opulus	40-60cm	3L	Bushy :C	1/m²	10%
Total :92						

Preparation and planting:

Remove any general rubbish, stones, large roots and existing weed vegetation greater than 50mm in any one dimension from the planting site.
Break up subsoil and cultivate to a depth of 300mm. Add mulitpurpose topsoil to comply with BS 3882 to a further settled depth of 300mm. Plant in the dormant season between late October to late March. Plant immediately on delivery from the supplier and ensure to retain moisture to the roots. Roots shall be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 50mm wider in all directions), add pelleted chicken manure or similar to the planting pit prior to planting in accordance with the manufacturers instructions. Back fill top soil into the planting pit to bring the root ball level with the soil surface. Place the plant into the planting pit and backfill with top soil, firming in to hold the root ball in place. Water immediately. Apply a biodegradable weed suppressant matting overlayed with 75mm settled depth of bark chippings to the shrub bed post planting to suppress weed growth. These instructions apply to all shrubs and perennials to be planted in the ornamental planting beds.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 3L water per shrub and 2L per perennial per day. At the end of the growing season cut away any dead, damaged, diseased, dying or crossing branches to maintain plant health. For the first 5 years feed all new plants with pelleted chicken manure or similar in accordance with the manufacturers instructions, once a year at the beginning of the growing season and water in. Thereafter a mulch of organic matter such as well rotted manure or leaf manure or compost at the beginning of the growing season will maintain a healthy supply of nutrients for each plant. Top up annually to 75mm settled depth of bark chippings to the shrub bed to suppress weed growth. Remove and replace any diseased plants to prevent the spread of disease.

Native mix to be maintained to 1500mm maximum height and pruned to encourage dense growth with hedge-like neat edges to the planting beds.

Native mix 2 to be maintained to 4000mm maximum height and can be allowed to grow to a more natural shape.

Native non-prickly hedge

Native non-prickly mix

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
9	Acer campestre	40-60cm	3L		1/m	15%
9	Carpinus betulus	40-60cm	3L	Bushy :C	1/m	15%
9	Corylus avellana	40-60cm	3L		1/m	15%
6	Euonymus europaeus	40-60cm	3L	Bushy :C	1/m	10%
9	Fagus sylvatica	40-60cm	3L	Bushy :C	1/m	15%
3	Lonicera periclymenum	40-60cm	3L	Branched :Several Shoots :Caned	1/m	5%
9	Malus sylvestris	40-60cm	3L		1/m	15%
6	Viburnum opulus	40-60cm	3L	Bushy :C	1/m	10%
Total :60						

Native non-prickly mix - small supply size

Number	Species	Height	Pot Size	Specification	Density	Percentage Contribution
5	Acer campestre	30-40cm	2L		1/m	15%
5	Carpinus betulus	30-40cm	2L	Bushy :C	1/m	15%
5	Corylus avellana	30-40cm	2L		1/m	15%
4	Euonymus europaeus	30-40cm	2L	Bushy :C	1/m	10%
5	Fagus sylvatica	30-40cm	2L	Bushy :C	1/m	15%
2	Lonicera periclymenum	30-40cm	2L	Branched :Several Shoots :Caned	1/m	5%
5	Malus sylvestris	30-40cm	2L		1/m	15%
4	Viburnum opulus	30-40cm	2L	Bushy :C	1/m	10%
Total :35						

Preparation and planting:

A minimum of 300mm of topsoil to BS 3882 Multi-purpose and 300mm cultivated depth of sub-soil will be provided in all hedge planting areas. Remove all general rubbish, stones, earth clods, large roots and existing weed vegetation exceeding 50mm in any one dimension from the top soil. Rake the surface to an even, firm, friable surface that is not over compacted and ensure levels tie in to the surround areas. All plant material will be to BS 3936 (Nursery Stock). Plant in the dormant season between late October to late March. Plant immediately on delivery from the supplier. Roots must be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 50mm wider in all directions), add pelleted chicken manure or similar to the planting pit prior to planting in accordance with the manufacturer's instructions. Root protection measures shall be implemented to prevent roots penetrating the wall foundations/backfill. Plant in a double staggered row, planting bed minimum 600mm wide cultivated to a minimum 300mm depth, with 400mm between rows and 400mm between plants at 5 plants per meter, plant so the root collar is at the same level as when in the pot. Back fill top soil into the planting pit to bring the top of the root ball level with the soil surface. Water immediately. Apply 75mm settled depth of bark chippings post planting to all hedge planting beds to suppress weed growth. Support plants with light stakes or canes sufficient to provide stability while the rootball establishes. Remove stakes/canes after 3 years.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 3L water per plant per day. Lightly prune the tips of the branches just before the growing season to make them branch out. At the end of the growing season cut away any dead, damaged or crossing branches to maintain plant health. For the first 5 years feed all new plants with a pelleted chicken manure or similar in accordance with the manufacturer's instructions, once a year at the beginning of the growing season and water in. Thereafter a mulch of organic matter such as: well-rotted manure or leaf manure or compost at the beginning of the growing season will maintain a healthy supply of nutrients for each plant. Top up to 75mm settled depth bark chippings annually to supress weed growth. Remove and replace any diseased plants to prevent the spread of disease.

A maximum height of 1500mm is likely to be the extent of the growth of this hedge in this location. Prune with a view to encouraging dense growth with neat edges alongside the footway.
Replace any failed plants within the next dormant season.

Ongoing maintenance of the planting in front of the wall would be the responsibility of the management company.

KEY

- Amenity grass - turf
- Flowering amenity grassland
- Species rich grassland - Standard Meadow Mix
- Species rich grassland - Hedgerow Mixture
- Native Scrub
- Native Scrub with Species rich grassland Hedgerow Mixture underplanting
- Ornamental planting
- Mixed species poor native hedgerow (MSPNH)
- Mixed species rich native hedgerow (MSRNH)
- Proposed Select Standard trees
- Rotavated soil
- Bird and bat boxes

Species rich grassland mix composition

Emmorsgate EL1 Flowering Lawn mix composition:
Wild Flowers 20%
1.0 Betonica officinalis – Betony; 2.4 Centurea nigra – Common Knapweed;
1.2 Galium verum – Lady's Bedstraw; 0.8 Leontedon Hispidus – Rough Hawkbit;
2.4 Lotus corniculatus – Birdsfoot Trefoil; 2.8 Plantago lanceolata – Ribwort Plantain;
0.8 Primula veris – Cowslip; 1.2 Ranunculus acris – Meadow Buttercup;
0.4 Salium silaus – Pepper Saxifrage; 0.4 Vicia cracca – Tufted Vetch;
5.0 Medicago lupulina – Black Medic (Ag);
5.0 Trifolium repens – Small Leaved White Clover (Ag);
Grasses 80%
8.0 Agrostis cappilaris – Common Bent (Ag); 1.0 Carex flacca – Glaucous Sedge;
39.0 Cynosurus cristatus – Crested Dogstail (Ag);
28.0 Festuca rubra – Red Fescue (Ag);
4.0 Phleum bertolonii – Smaller Cat's-tail (Ag).

Emorsgate EM2 Standard Meadow Mix composition:
1.5% Wild flowers
0.9% Achillea millefolium – Yarrow; 0.9% Centurea nigra – Common Knapweed;
0.15% Cruciata laevipes – Crosswort; 0.45% Daucus carota – Wild Carrot;
0.3% Knautia arvensis – Field Scabious; 0.75% Leucanthemum vulgare – Oxeye Daisy;
2.1% Malva moschata – Musk Mallow; 0.12% Medicago lupulina – Black Medick;
3.0% Plantago lanceolata – Ribwort Plantain;
2.25% Poterium sanguisorba ssp sanguisorba – Salad Burnet;
0.12% Primula veris – Cowslip; 0.54% Ranunculus acris – Meadow Buttercup;
1.05% Rhinanthus minor – Yellow Rattle; 2.25% Silene dioica – Red Campion;
0.12% Silene vulgaris – Bladder Campion;
85% Grasses
8.50% Agrostis capillaris – Common Bent;

Emorsgate EH1 Hedgerow Mixture composition:
Wild Flowers
0.10% Achillea millefolium – Yarrow;
1.00% Allaria petiolata – Garlic Mustard;
0.50% Anthriscus sylvestris – Cow Parsley;
1..50% Carex divulsa ssp divulsa – Grey Sedge;
2.00% Centaurea nigra – Common Knapweed;
3.00% Chaerophyllum temulum – Rough Chervil;
2.00% Cruciata laevipes – Crosswort; 0.20% Dipsacus fullonum – Wild Teasel;
0.50% Galium album – Hedge Bedstraw;
0.10% Geranium pratense – Meadow Crane's-bill;
1.00% Geranium pyreniacum – Hedge Crane's-bill;
0.30% Geum urbanum – Wood Avens; 0.20% Knautia arvensis – Field Scabious;
1.00% Leucanthemum vulgare – Moon Daisy;
1.00% Malva moschata – Musk Mallow;
2.00% Plantago lanceolata – Ribwort Plantain;
3.00% Silene dioica – Red Campion; 0.50% Silene flos-cuculi – Ragged Robin;
0.10% Torilis japonica – Upright Hedge-parsley;
Grasses
1.00% Agrostis capillaris – Common Bent (w);
2.00% Anthoxanthum odoratum – Sweet Vernal-grass (w);
1.00% Brachypodium sylvaticum – False Brome (w);
50.00% Cynosurus cristatus – Crested Dogstail;
2.00% Deschampsia cespitosa – Tufted Hair-grass (w);
20.00% Festuca rubra – Red Fescue (w);
4.00% Poa nemoralis – Wood Meadow-grass.

Project Name: Blue Hills Farm	Drawn: TH	Checked: MB	FOR PLANNING		
Drawing Name: Planting Specification	Date: January 2026		H	TH	07.01.2026
			G	TH	17.12.2025
Drawing No: DR-5947-01.03	Scale: N/A		F	TH	30.07.2025
			Rev	Drawn	Date

NB: Planting Specification to be read in conjunction with DR-5947-01.01 and 02 Landscape Masterplan.

NB: All areas are indicative and must be checked on site.

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Grounded advice