



Key

- Application Site Boundary
- Existing grassland to be retained
- Turf & Seeding
- Amenity grass - A22 low maintenance seed mixture, as supplied by Germinal
- Meadow grassland - EM2, Meadow mixture supplied by Emergo Seeds
- Wetland Grass mixture - EM8, seed mixture for wetlands, as supplied by Emergo Seeds

Plant Schedule

Abbr	Species	Supply Size	Height	Habit	Number
QUERO	Quercus robur	SStA: BR	250-300cm	8-10cm	3
ALCO	Acer cordata	SStA: BR	300-350cm	10-12cm	13
BEPE	Betula pendula	SStA: CO	300-350cm	10-12cm	5
FAGEY	Fagus sylvatica	SStA: BR	300-350cm	10-12cm	7
LIGUES	Ligustrum lucidum 'Excelsium Superbum'	SStA: BR	300-350cm	10-12cm	22
TILCO	Tilia cordata	SStA: CO	300-350cm	10-12cm	2
ALCO	Acer cordata	HSSt: BR	350-425cm	12-14cm	7
AMARH	Ampelodesmos arborea 'Robin Hill'	HSSt: BR	350-425cm	12-14cm	4
BEPE	Betula pendula	HSSt: BR	350-425cm	12-14cm	14
CABET	Cornus bellulus	HSSt: BR	350-425cm	12-14cm	7
MAGKO	Magnolia kobus	HSSt: BR	350-425cm	12-14cm	18
SORAU	Sorbus aucuparia 'Cardinal Royal'	HSSt: BR	350-425cm	12-14cm	8
TILCO	Tilia cordata	HSSt: BR	350-425cm	12-14cm	9
CABEHT	Cornus bellulus 'Frans Fontaine'	HSSt: BR	425-600cm	14-16cm	28
LUETI	Liquidambar styraciflua	HSSt: BR	425-600cm	14-16cm	3
MALRI	Malus trilobata	HSSt: BR	425-600cm	14-16cm	2
Total: 172					

Specimen Shrubs & Climbers

Abbr	Species	Pot Size	Height	Habit	Number
PHIAM	Phomium 'Maori Maiden'	15L	80-100cm	TriP Cm	7
PHOWA	Phomium 'Yellow Wave'	15L	80-100cm	TriP Cm	24
PHOTRA	Phomium cockburnii 'Tilford'	15L	80-100cm	TriP Cm	14
PHORRE	Photinia fraseri 'Red Robin'	25L	150-175cm	Half Stk	3
PHORRE	Photinia fraseri 'Red Robin'	15L	100-125cm	Half Stk	10
Total: 58					

Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number	Length
PRULU	Prunus laurocerasus 5L	60-80cm	Bushy	0.3Ctr	2457	722.6m	155
PRULU	Prunus laurocerasus 10L	80-100cm	Bushy	0.4Ctr	105	41.33m	304
Total: 2562 Total 763.93m							

Native Mix Species Hedgerow

Abbr	Species	Supply	Height	Density	Mix %	Number
CRANON	Crataegus monogyna	Find x2	125-150cm	0.3Ctr Triple Staggered at 0.3m offset	35%	705
CORAV	Cornus ovata	11+1:3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	15%	304
EUOPEO	Euonymus europaeus	11+1:3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
LOUVI	Ligustrum vulgare	11+1:3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
ROSCA	Rosa canina	11+1:3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	5%	103
VIOPB	Viburnum opulus	11+1:3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
Total: 2025						

Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number	Area
BRASU	Brachyglottis 'Sunshine'	5L	20-30cm	Bushy	0.5Ctr	42	4.11m²
CEATHR	Ceanothus thyrsiflorus repens	3L	20-30cm	Bushy	0.5Ctr	12	2.75m²
CHOPAF	Choisya 'Aztec Pearl'	3L	30-40cm	Bushy	0.5Ctr	32	7.58m²
CHOTE	Choisya ternata	3L	20-30cm	Bushy	0.5Ctr	6	1.45m²
CHOTES	Choisya ternata 'Sundance'	3L	30-40cm	Bushy	0.5Ctr	20	4.59m²
CORALE	Cornus alba 'Bagantesima'	3L	60-80cm	Branched	0.8Ctr	132	89.26m²
ELAPAMA	Elaeagnus pungens 'Maculata'	3L	30-40cm	Bushy	0.8Ctr	3	1.73m²
EUCROG	Euonymus fortunei 'Emerald 'n' Gold'	3L	20-30cm	Bushy	0.5Ctr	79	18.05m²
EUOPEO	Euonymus fortunei 'Emerald Gate'	3L	20-30cm	Bushy	0.5Ctr	57	13.3m²
GRUI	Griselinia littoralis	3L	40-60cm	Bushy	0.8Ctr	3	1.73m²
HEBMAW	Hebe 'Mrs Winder'	3L	20-30cm	Bushy	0.5Ctr	35	8.15m²
HEBPQ	Hebe 'Purple Queen'	3L	20-30cm	Bushy	0.5Ctr	42	10.66m²
HEBALRE	Hebe albicans 'Red Edge'	3L	20-30cm	Bushy	0.5Ctr	51	12.09m²
HEBPS	Hebe pingulifolia 'Sutherland'	3L	20-30cm	Bushy	0.5Ctr	67	15.17m²
HYPH	Hypericum 'Hidcote'	3L	20-30cm	Bushy	0.8Ctr	6	2.73m²
LAVANHI	Lavandula angustifolia 'Hidcote'	3L	20-30cm	Bushy	0.5Ctr	14	3.34m²
LONNIBG	Lonicera nitida 'Baggesens Gold'	3L	20-30cm	Bushy	0.5Ctr	13	3.02m²
PHORRE	Photinia fraseri 'Red Robin'	3L	40-60cm	Bushy	0.8Ctr	10	5.54m²
PRULAO	Prunus laurocerasus 'Otto Luyken'	3L	20-40cm	Bushy	0.8Ctr	7	3.62m²
ROSCOF	Rosmarinus officinalis	3L	20-30cm	Bushy	0.5Ctr	12	2.76m²
SKJARU	Skimmia japonica 'Rubella'	3L	20-30cm	Bushy	0.5Ctr	60	13.88m²
AUCJA	Aucuba japonica	3L	40-60cm	Bushy	0.8Ctr	42	23.04m²
AUCJACR	Aucuba japonica 'Crotanifolia'	3L	30-40cm	Bushy	0.7Ctr	129	49.17m²
BRASU	Brachyglottis 'Sunshine'	5L	30-40cm	Bushy	0.7Ctr	106	44.41m²
CEATHR	Ceanothus thyrsiflorus repens	5L	30-40cm	Bushy	0.7Ctr	114	48.5m²
CHOPAF	Choisya 'Aztec Pearl'	5L	30-40cm	Bushy	0.7Ctr	102	44.38m²
CHOTE	Choisya ternata	5L	30-40cm	Bushy	0.7Ctr	63	25.45m²
CHOTES	Choisya ternata 'Sundance'	5L	30-40cm	Bushy	0.7Ctr	125	52.6m²
ELAPAMA	Elaeagnus pungens 'Maculata'	5L	60-80cm	Bushy	0.8Ctr	39	52.89m²
EUCROG	Euonymus fortunei 'Emerald 'n' Gold'	5L	20-30cm	Bushy	0.7Ctr	284	124.52m²
EUOPEO	Euonymus fortunei 'Emerald Gate'	5L	20-30cm	Bushy	0.7Ctr	151	63.98m²
GRUI	Griselinia littoralis	5L	40-60cm	Bushy	0.8Ctr	36	20.18m²
HEBMAW	Hebe 'Mrs Winder'	5L	60-80cm	Bushy	0.8Ctr	33	19.42m²
HEBMAW	Hebe 'Mrs Winder'	5L	30-40cm	Bushy	0.7Ctr	114	45.47m²
HEBPQ	Hebe 'Purple Queen'	5L	30-40cm	Bushy	0.7Ctr	226	94.44m²
HEBALRE	Hebe albicans 'Red Edge'	5L	30-40cm	Bushy	0.7Ctr	224	96.86m²
HEBPS	Hebe pingulifolia 'Sutherland'	5L	20-30cm	Bushy	0.7Ctr	126	52.52m²
HYPH	Hypericum 'Hidcote'	5L	30-40cm	Bushy	0.8Ctr	103	42.84m²
LAVANHI	Lavandula angustifolia 'Hidcote'	5L	20-30cm	Bushy	0.7Ctr	125	71.36m²
LAVANHI	Lavandula angustifolia 'Munstead'	5L	20-30cm	Bushy	0.7Ctr	223	91.13m²
LONNIBG	Lonicera nitida 'Baggesens Gold'	5L	30-40cm	Bushy	0.7Ctr	59	23.29m²
PHORRE	Photinia fraseri 'Red Robin'	5L	60-80cm	Bushy	0.8Ctr	35	20.51m²
PRULAO	Prunus laurocerasus 'Otto Luyken'	5L	40-60cm	Bushy	0.8Ctr	103	57.14m²
PRULAO	Prunus laurocerasus 'Otto Luyken'	5L	60-80cm	Bushy	0.7Ctr	88	34.92m²
ROSCOF	Rosmarinus officinalis	5L	30-40cm	Bushy	0.7Ctr	143	61.39m²
SARICHU	Sarcococca humilis	5L	20-30cm	Bushy	0.7Ctr	11	4.96m²
SKJARU	Skimmia japonica 'Rubella'	5L	30-40cm	Bushy	0.7Ctr	109	46.99m²
VIOPB	Viburnum bonariense	5L	30-40cm	Bushy	0.7Ctr	3	1.36m²
AUCJA	Aucuba japonica	10L	60-80cm	Bushy	0.8Ctr	20	11.71m²
AUCJACR	Aucuba japonica 'Crotanifolia'	10L	40-60cm	Bushy	0.7Ctr	41	16.9m²
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Ctr	129	51.23m²
CHOPAF	Choisya 'Aztec Pearl'	10L	40-60cm	Bushy	0.7Ctr	115	64.41m²
CHOTE	Choisya ternata	10L	40-60cm	Bushy	0.7Ctr	118	74.2m²
CHOTES	Choisya ternata 'Sundance'	10L	40-60cm	Bushy	0.7Ctr	113	50.99m²
ELAPAMA	Elaeagnus pungens 'Maculata'	10L	30-40cm	Bushy	0.8Ctr	7	4.22m²
EUOPEO	Euonymus fortunei 'Emerald Gate'	10L	30-40cm	Bushy	0.7Ctr	40	17.3m²
EUOPEO	Euonymus fortunei 'Emerald Gate'	10L	60-80cm	Bushy	0.8Ctr	7	4.22m²
EUOPEO	Euonymus fortunei 'Emerald Gate'	10L	60-80cm	Bushy	0.8Ctr	19	11.58m²
GRUI	Griselinia littoralis	10L	60-100cm	Bushy	0.8Ctr	10	5.89m²
HEBMAW	Hebe 'Mrs Winder'	10L	40-60cm	Bushy	0.8Ctr	32	19.21m²
HEBPQ	Hebe 'Purple Queen'	10L	40-60cm	Bushy	0.7Ctr	56	24.7m²
HEBALRE	Hebe albicans 'Red Edge'	10L	30-40cm	Bushy	0.7Ctr	61	26.41m²
HEBPS	Hebe pingulifolia 'Sutherland'	10L	30-40cm	Bushy	0.7Ctr	114	60.01m²
HYPH	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.8Ctr	32	19.21m²
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Ctr	111	47.67m²
LAVANHI	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Ctr	14	5.91m²
LONNIBG	Lonicera nitida 'Baggesens Gold'	10L	40-60cm	Bushy	0.7Ctr	28	12.27m²
PHORRE	Photinia fraseri 'Red Robin'	10L	60-80cm	Bushy	0.8Ctr	42	24.79m²
PRULAO	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Ctr	26	11.33m²
PRULAO	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.8Ctr	7	3.94m²
ROSCOF	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Ctr	51	23.65m²
SARICHU	Sarcococca humilis	10L	30-40cm	Bushy	0.7Ctr	9	3.71m²
SKJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Ctr	32	14.59m²
STIGI	Stipa gigantea	10L	Full Pot	Full Pot	0.7Ctr	12	4.32m²
VIOPB	Viburnum davidii	10L	40-60cm	Bushy	0.7Ctr	37	17.89m²
Total: 4905 Total 2143.57m²							

Native Shrub Mix

Abbr	Species	Height	Habit	Density	Number
CORAL	Cornus alba	60-80cm	1+1:3 Breaks	1Ctr	101
CORSA	Cornus sanguinea	60-80cm	1+1:3 Breaks	1Ctr	101
CORSA	Cornus ovata	60-80cm	1+1:3 Breaks	1Ctr	200
EUOPEO	Euonymus europaeus	60-80cm	1+1:3 Breaks	1Ctr	68
LOUVI	Ligustrum vulgare	60-80cm	1+1:3 Breaks	1Ctr	68
ROSCA	Rosa canina	60-80cm	1+1:3 Breaks	1Ctr	68
VIOPB	Viburnum opulus	60-80cm	1+1:3 Breaks	1Ctr	68
Total: 674					

Bulbs

Abbr	Species	Pot Size	Specification	Density	Number
CROCIBP	Crocus chrysanthus 'Blue Pearl'	50mm²			239
CROCIBS	Crocus chrysanthus 'Cream Beauty'	50mm²			239
GALIN	Galanthus nivalis	50mm²			318
MUSARB	Muscari armeriacum 'Blue Spike'	50mm²			318
NARCA	Narcissus 'Comicalulus'	50mm²			239
NARTI	Narcissus 'Tete a Tete'	50mm²			239
Total: 1922					

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Plant Healthy Certification Scheme. All plants shall be packed and transported in accordance with good horticultural practice. No species, variety, size or position to be amended without the Landscape Architects prior approval.

Landscape proposals must be referred to by the Structural Engineer during foundation design.

All planting has been indicated making every effort to avoid conflict with highway drain. Prior to submission it is the clients responsibility to ensure that all landscaping is reviewed by the project manager/highway engineer to ensure there is no conflict with highway and any future alterations.

Before trees are planted, the Landscape Architect shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.

If planting conditions are particularly poor e.g. waterlogged/frozen ground or poor soils, the Site Manager must be notified. All works will halt until conditions are considered acceptable.

All trees, ornamental planting and identified native planting to be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.

All bare root stock shall be root dipped in an approved water-retaining polymer. If planting is required outside the October-March season, bare root trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

Planting in pedestrian visibility zones: Any planting stock specified in pedestrian visibility zones and exceeding 0.60m in height is to be cut down to 0.45m in height at the time of planting. It shall be maintained at a height not exceeding 0.60m in height in perpetuity.

Ground Preparation:
If the formation level is compacted it should be ripped at 1.5m centres using a single line ripper at 1.5m prior to topsoiling and soft landscaping works. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas. For meadow grassland, all areas shall be topped to provide a nutrient-poor substrate for meadow establishment. Topsoil shall be supplied in accordance with BS3882:2015. All soils shall be adequately stonestepped, free of debris or litter and cultivated to a suitable firm for planting or seeding works in line with good horticultural practice.

Trees: All tree locations and species must be taken into consideration by the project Structural Engineer to ensure that foundation design accords with the specifications set out under Chapter 4.2 of the NHC Standards. It is the Contractor's responsibility to ensure that all underground services have been located and identified in advance of free pit excavation. No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client. Root barriers are to be provided as directed by the project Engineer and where trees are located closer to site features than the offsets recommended in Table A.1 of BS5837:2012, further guidance can be provided on request. **All trees to be supplied with a minimum 1.8m clear stem unless clearly stated otherwise.** Supply and aftercare shall be in accordance with BS 5545:2014 (trees from nursery) or independence in the landscape, with aftercare proposals detailed in an accompanying management plan. **All trees to be planted in accordance with the approved tree pit detail. If a tree pit detail has not been provided, it is the Contractor's responsibility to request this from the Client or project Landscape Architect prior to commencement of works.** (Root stock: B - Bare Root, R - Rooted Bole, C - Container Grown, G - Containerised)

Specimen Shrubs: All specimen shrubs to be planted in accordance with horticultural best practice guidelines. No feature shrub or climber species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Single Species Hedgerows (Containers): All ornamental hedgerow shrubs to be