



Key

- Application Site Boundary
- Existing grassland to be retained
- Turf & Seeding
 - Turf to plot frontages to be laid as Rolawn 'Medallion', or similar approved.
 - Amenity grass - A22 low maintenance seed mixture, as supplied by Germinal (www.germinalamenity.com) or similar approved.
 - Meadow grassland - EM2, Meadow mixture supplied by Emorgate Seeds (www.wildseed.co.uk) or similar approved.
 - Wetland grass mixture - EM6, seed mixture for wetlands, as supplied by Emorgate Seeds (www.wildseed.co.uk) or similar approved.
- Native Shrub Mix

Abbr	Species	Height	Habit	Density	Number
CORAL	Cornus alba	60-80cm	1-1:3 Brks BR	1Cr	101
CORSA	Cornus sanguinea	60-80cm	1-1:3 Brks BR	1Cr	101
CORAV	Cornus avellana	60-80cm	1-1:3 Brks BR	1Cr	200
EUCFES	Eucynymus europaeus	60-80cm	1-1:3 Brks BR	1Cr	48
UCVU	Ligustrum vulgare	60-80cm	1-1:3 Brks BR	1Cr	68
ROSCA	Rosa canina	60-80cm	1-1:3 Brks BR	1Cr	68
VBOP	Viburnum opulus	60-80cm	1-1:3 Brks BR	1Cr	68
- Bulbs

Abbreviation	Species	Pot Size	Specification	Density	Number
CROCHBP	Crocus chrysanthus 'Blue Pearl'	50mm	239		
CROCHCB	Crocus chrysanthus 'Cream Beauty'	50mm	239		
GALIN	Galanthus nivalis	50mm	318		
MUSARBS	Muscari armeniacum 'Blue Spike'	50mm	318		
NARCA	Narcissus 'Canaliculatus'	50mm	239		
NARTT	Narcissus 'Tele a Tele'	50mm	239		

Plant Schedule

Abbr	Species	Supply	Size	Grth	Number
QUERU	Quercus robur	250-300cm	8-10cm		3
ACECAM	Acer campestre	300-350cm	10-12cm		13
ALCO	Alnus cordata	300-350cm	10-12cm		6
BEPE	Betula pendula	300-350cm	10-12cm		5
FAGUS	Fagus sylvatica	300-350cm	10-12cm		7
LIGULUS	Ligustrum lucidum 'Excelsium Superbum'	300-350cm	10-12cm		22
TILCO	Tilia cordata	300-350cm	10-12cm		8
ACECAM	Acer campestre	350-425cm	12-14cm		6
AMASH	Amelanchier canadensis 'Robin Hill'	350-425cm	12-14cm		7
BEPE	Betula pendula	350-400cm	12-14cm		14
CARBET	Carpinus betulus	350-425cm	12-14cm		7
MAGKO	Magnolia kobus	350-425cm	12-14cm		18
SORAUUC	Sorbus aucuparia 'Cardinal Royal'	350-425cm	12-14cm		8
TILCO	Tilia cordata	350-425cm	12-14cm		8
CARBETH	Carpinus betulus 'Forma Fontaine'	425-600cm	14-16cm		28
LIQU	Liquidambar styraciflua	425-600cm	14-16cm		3
MAGKO	Magnolia kobus	425-600cm	14-16cm		6
MALTRI	Malus tibetica	425-600cm	14-16cm		2

Total: 172

Specimen Shrubs & Climbers

Abbr	Species	Pot Size	Height	Habit	Density	Number
PHOMM	Phomium 'Maori Maiden'	15L	80-100cm	Top Cm	7	
PHOWAVA	Phomium 'Yellow Wave'	15L	80-100cm	Top Cm	24	
PHOTRIA	Phomium cookianum 'Tico-tico'	15L	80-100cm	Top Cm	14	
PHORFRK	Phoroxia 'Fraseri' 'Red Robin'	25L	150-175cm	Half Std	3	
PHORFRK	Phoroxia 'Fraseri' 'Red Robin'	15L	100-125cm	Half Std	10	

Total: 58

Single Species Hedgerow

Abbr	Species	Pot Size	Height	Habit	Density	Number	Length
PRULU	Prunus laurocerasus	40-60cm	0.3Cr	Triple Staggered at 0.3m offset	35	304	
PRULU	Prunus laurocerasus	80-100cm	0.4Cr	Triple Staggered at 0.3m offset	105	41.33m	

Total: 2562 Total: 763.93m

Native Mix Species Hedgerow

Abbr	Species	Supply	Height	Density	Mix %	Number	
CRAMON	Crotalaria monogyna	125-150cm	0.3Cr	Triple Staggered at 0.3m offset	35%	705	
CORAV	Cornus avellana	11-1:3 Breaks	60-80cm	0.3Cr	Triple Staggered at 0.3m offset	15%	304
EUCFES	Eucynymus europaeus	11-1:3 Breaks	60-80cm	0.3Cr	Triple Staggered at 0.3m offset	10%	203
UCVU	Ligustrum vulgare	11-1:3 Breaks	60-80cm	0.3Cr	Triple Staggered at 0.3m offset	10%	203
ROSCA	Rosa canina	11-1:3 Breaks	60-80cm	0.3Cr	Triple Staggered at 0.3m offset	5%	103
VBOP	Viburnum opulus	11-1:3 Breaks	60-80cm	0.3Cr	Triple Staggered at 0.3m offset	10%	203

Total: 2025

Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number	Area
BRASU	Brachyglottis 'Sunshine'	10L	20-30cm	Bushy	0.5Cr	62	14.11m²
CEATHR	Ceanothus thymifolius repens	3L	20-30cm	Bushy	0.5Cr	12	2.75m²
CHOPAP	Chorisia 'Aster Pearl'	3L	30-40cm	Bushy	0.5Cr	32	7.56m²
CHOTE	Chorisia temata	3L	20-30cm	Bushy	0.5Cr	6	1.46m²
CHOTES	Chorisia temata 'Sundance'	3L	30-40cm	Bushy	0.5Cr	20	4.59m²
CORALE	Cornus alba 'Stagelantia'	3L	60-80cm	branched	0.8Cr	152	89.26m²
ELAPUMA	Eleagnus pungens 'Muculata'	3L	30-40cm	Bushy	0.5Cr	3	1.73m²
EUFOENG	Eucynymus fortunei 'Emerald 'n' Gold'	3L	20-30cm	Bushy	0.5Cr	79	18.06m²
EUFOENG	Eucynymus fortunei 'Emerald Gaiety'	3L	20-30cm	Bushy	0.5Cr	57	13.3m²
GRUL	Griselinia littoralis	3L	40-60cm	Bushy	0.8Cr	3	1.73m²
HEBWA	Hebe 'Wes Winder'	3L	20-30cm	Bushy	0.5Cr	35	8.15m²
HEPQU	Hebe 'Purple Queen'	3L	20-30cm	Bushy	0.5Cr	46	10.66m²
HEBALRE	Hebe albicans 'Red Edge'	3L	20-30cm	Bushy	0.5Cr	51	12.09m²
HEBPS	Hebe pingualia 'Sutherland'	3L	20-30cm	Bushy	0.5Cr	57	15.17m²
HYPHH	Hypericum 'Hidcote'	3L	30-40cm	Bushy	0.8Cr	6	2.73m²
LAVANHI	Lavandula angustifolia 'Hidcote'	3L	20-30cm	Bushy	0.5Cr	14	3.34m²
LONNBIB	Lonicera nitida 'Baggesens Gold'	3L	20-30cm	Bushy	0.5Cr	13	3.02m²
PHORFRK	Phoroxia 'Fraseri' 'Red Robin'	3L	40-60cm	Bushy	0.8Cr	10	5.54m²
PRULAO	Prunus laurocerasus 'Otto Lyken'	3L	30-40cm	Bushy	0.8Cr	8	4.1m²
ROSCOF	Rosmarinus officinalis	3L	20-30cm	Bushy	0.5Cr	12	2.76m²
SKJARU	Skimmia japonica 'Rubra'	3L	20-30cm	Bushy	0.5Cr	60	13.88m²
AUCJIA	Aucuba japonica	3L	40-60cm	Bushy	0.8Cr	42	23.04m²
AUCJACB	Aucuba japonica 'Crotolaria'	3L	30-40cm	Bushy	0.7Cr	123	49.17m²
BRASU	Brachyglottis 'Sunshine'	3L	30-40cm	Bushy	0.7Cr	106	44.41m²
CEATHR	Ceanothus thymifolius repens	3L	30-40cm	Bushy	0.7Cr	114	48.5m²
CHOPAP	Chorisia 'Aster Pearl'	3L	30-40cm	Bushy	0.7Cr	102	44.38m²
CHOTE	Chorisia temata	3L	30-40cm	Bushy	0.7Cr	63	25.45m²
CHOTES	Chorisia temata 'Sundance'	3L	30-40cm	Bushy	0.7Cr	125	52.9m²
ELAPUMA	Eleagnus pungens 'Muculata'	3L	30-40cm	Bushy	0.8Cr	93	52.69m²
EUFOENG	Eucynymus fortunei 'Emerald 'n' Gold'	3L	20-30cm	Bushy	0.7Cr	284	124.53m²
EUFOENG	Eucynymus fortunei 'Emerald Gaiety'	3L	20-30cm	Bushy	0.7Cr	151	63.78m²
FAJA	Fatsia japonica	3L	40-60cm	Bushy	0.8Cr	36	20.18m²
GRUL	Griselinia littoralis	3L	60-80cm	Bushy	0.8Cr	33	19.42m²
HEBWA	Hebe 'Wes Winder'	3L	30-40cm	Bushy	0.8Cr	114	46.67m²
HEBWA	Hebe 'Wes Winder'	3L	30-40cm	Bushy	0.7Cr	226	94.44m²
HEPQU	Hebe 'Purple Queen'	3L	30-40cm	Bushy	0.7Cr	224	94.86m²
HEBALRE	Hebe albicans 'Red Edge'	3L	20-30cm	Bushy	0.7Cr	126	55.23m²
HEBPS	Hebe pingualia 'Sutherland'	3L	20-30cm	Bushy	0.7Cr	103	42.54m²
HYPHH	Hypericum 'Hidcote'	3L	30-40cm	Bushy	0.8Cr	125	71.36m²
LAVANHI	Lavandula angustifolia 'Hidcote'	3L	20-30cm	Bushy	0.7Cr	223	97.13m²
LAVANHI	Lavandula angustifolia 'Munstead'	3L	20-30cm	Bushy	0.7Cr	59	25.24m²
LONNBIB	Lonicera nitida 'Baggesens Gold'	3L	30-40cm	Bushy	0.7Cr	125	22.46m²
PHORFRK	Phoroxia 'Fraseri' 'Red Robin'	3L	60-80cm	Bushy	0.8Cr	35	20.51m²
PRULAO	Prunus laurocerasus 'Otto Lyken'	3L	40-60cm	Bushy	0.8Cr	103	57.14m²
PRULAO	Prunus laurocerasus 'Otto Lyken'	3L	40-60cm	Bushy	0.7Cr	86	36.72m²
ROSCOF	Rosmarinus officinalis	3L	30-40cm	Bushy	0.7Cr	143	61.39m²
SARHOU	Sarcococca humilis	3L	20-30cm	Bushy	0.7Cr	11	4.96m²
SKJARU	Skimmia japonica 'Rubra'	3L	30-40cm	Bushy	0.7Cr	109	46.49m²
SEBBO	Setraea borisavensis	10L	Full Pot		3	1.39m²	
AUCJIA	Aucuba japonica	10L	60-80cm	Bushy	0.8Cr	20	11.71m²
AUCJACB	Aucuba japonica 'Crotolaria'	10L	40-60cm	Bushy	0.7Cr	41	16.9m²
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Cr	31	12.93m²
CHOPAP	Chorisia 'Aster Pearl'	10L	40-60cm	Bushy	0.7Cr	15	6.41m²
CHOTE	Chorisia temata	10L	40-60cm	Bushy	0.7Cr	18	7.42m²
CHOTES	Chorisia temata 'Sundance'	10L	40-60cm	Bushy	0.7Cr	113	50.99m²
EUFOENG	Eucynymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.8Cr	15	7.13m²
EUFOENG	Eucynymus fortunei 'Emerald Gaiety'	10L	30-40cm	Bushy	0.7Cr	70	31.52m²
EUFOENG	Eucynymus fortunei 'Emerald Gaiety'	10L	30-40cm	Bushy	0.7Cr	40	17.3m²
EUJABR	Eucynymus japonicus 'travo'	10L	60-80cm	Bushy	0.8Cr	7	4.42m²
FATA	Fatsia japonica	10L	40-60cm	Bushy	0.7Cr	19	11.55m²
GRUL	Griselinia littoralis	10L	80-100cm	Bushy	0.8Cr	10	5.89m²
HEBWA	Hebe 'Wes Winder'	10L	40-60cm	Bushy	0.8Cr	32	19.21m²
HEBWA	Hebe 'Wes Winder'	10L	40-60cm	Bushy	0.7Cr	129	57.56m²
HEPQU	Hebe 'Purple Queen'	10L	40-60cm	Bushy	0.7Cr	56	24.7m²
HEBALRE	Hebe albicans 'Red Edge'	10L	30-40cm	Bushy	0.7Cr	61	28.41m²
HEBPS	Hebe pingualia 'Sutherland'	10L	30-40cm	Bushy	0.7Cr	14	6.01m²
HYPHH	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.8Cr	32	19.21m²
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Cr	111	47.67m²
LAVANHI	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Cr	14	5.91m²
LONNBIB	Lonicera nitida 'Baggesens Gold'	10L	30-40cm	Bushy	0.7Cr	28	12.27m²
PHORFRK	Phoroxia 'Fraseri' 'Red Robin'	10L	80-100cm	Bushy	0.8Cr	42	24.73m²
PRULAO	Prunus laurocerasus 'Otto Lyken'	10L	60-80cm	Bushy	0.7Cr	26	11.33m²
PRULAO	Prunus laurocerasus 'Otto Lyken'	10L	60-80cm	Bushy	0.8Cr	7	3.94m²
ROSCOF	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Cr	51	23.45m²
SARHOU	Sarcococca humilis	10L	30-40cm	Bushy	0.7Cr	9	3.71m²
SKJARU	Skimmia japonica 'Rubra'	10L	40-60cm	Bushy	0.7Cr	32	14.39m²
SICI	Sida spicata	10L	Full Pot		12	4.22m²	
VBDA	Viburnum davidii	10L	40-60cm	Bushy	0.7Cr	37	17.89m²

Total: 4955 Total: 2143.57m²

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 tarmac. Prior to submission it is the client's 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 designs.

Before trees are planted, the Landscape Contractor 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 stripped of topsoil to provide a nutrient-poor substrate for meadow establishment. Topsoil shall be supplied in accordance with BS8882:2015. All soils shall be adequately stonepicked, free of debris or litter and cultivated to a suitable fith 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 BS5832. 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 BS5832:2012, 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 offset/clearance shall be in accordance with BS 5545:2014 trees from nursery to independence in the landscape, with offsets proposed 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, R8 - Rooted without prior approval from the Landscape Architect, R10 - Rooted with 75mm layer of bark, C - 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 planted in accordance with horticultural best practice guidelines. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Shrubs shall be planted in a single row in a 600cm wide bed proportionate to the container size, with plants set back a minimum of 40cm from adjacent