

Specification Notes:

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

No species, variety, size or position to be amended without the Landscape Architects prior approval.

If the formation level is compacted it should be ripped through before topsoiling. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas.

All landscape proposals must be referred to the Structural Engineer during foundation design.

All planting has been indicated making every effort to avoid conflict with highway land. 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 not conflict with highway land and future adaptations.

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 splays: Any planting stock specified in pedestrian visibility splays 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 0.45m in height in perpetuity.

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 NHBC Standards. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of tree pit excavation. No free 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. **All trees to be supplied with a minimum 1.5m clear stem unless clearly stated otherwise.**

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.

Hedgerows: 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. Planting beds to be mulched with 75mm layer of bark.

Shrubs & herbaceous: All ornamental and amenity shrubs to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

Native Hedgerows (transplants): All native hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect.

Hedgerow shrubs to be planted on a double staggered row at 400mm centres, 300mm apart with no less than 6 per linear metre. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine tilth. If required suitable soil conditioners, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using bio-degradable spiral guards (Rainbow Bio-spiral) secured with a 15mm diameter min. bamboo cane inserted inside the guard and up to a third in its length into the ground. Shrubs are to be planted using a bio-degradable shrub shelter (a GreenGuard Biodegradable Tree Shelter Guard) and timber stake using natural fibre ties (Hortifast Natural Tree Tie) fitted in accordance with the manufacturers guidelines. Following planting the ground is to be watered to field capacity. Planting beds to site frontages/features areas be mulched with 75mm layer of bark. Guards and shelters to be supplied Green Tech (www.green-tech.co.uk) or similar.

Amenity Turf & Seeding: All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m2) advised by manufacturer/supplier. Prior to seeding, ground shall be cultivated to a fine tilth incorporating 150mm of topsoil to finished formation level. All areas shall be free of weed growth prior to turfing/seeding.

Meadow Grassland: All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m2) advised by manufacturer/supplier. Prior to seeding, all areas shall be stripped of topsoil to provide a nutrient-poor subsoil for meadow establishment. Where ground requires additional soil fill to meet finished formation levels this shall be made up using site-won subsoil. Subsoil shall be cultivated to a suitable tilth and be free of weed growth at point of seeding.

Turf & Seeding

Turf to plot frontages to be laid as Rotawn 'Medallion', or similar approved.

Amenity grass - A22 low maintenance seed mixture, as supplied by Geminali (www.geminali.com) or similar approved.

Meadow grassland - EM1, Meadow mixture supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Wetland grass mixture - EM8, seed mixture for wetlands, as supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Woodland grass mixture - EW1, seed mixture for woodland, as supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Key

Application Site Boundary

Existing vegetation to be retained.

Existing vegetation to be removed.

LAP

Box-top railings: 1.0m high, (Colour: Black RAL 1005).

Pedestrian Gate, 1.0m high bow-top self-closing gate (yellow, RAL 1023) anti-trip to BS EN 1176.

Maintenance Gate, 1.0m high x 2.7m wide bow-top double leaf maintenance gate (yellow, RAL 1023) anti-trip to BS EN 1176.

Litter Bin: Derby Standard Litter Bin (Ref: BX45G 2550) as supplied by Broxap or similar approved. Bin to be labeled as accepting both refuse and dog waste.

Bonded rubber mulch safety surfacing. To be EN 17677 compliant and to depths as specified by manufacturer of play elements. Jungle Mulch or similar approved to be supplied by Play Smart UK or similar approved. Colours: Jungle Original.

LAP - Equipment Schedule

1. Pony Springer (Ref: NEO102)

2. Kids Table with 4 Pole Seats (Ref: NEO212)

All play equipment as supplied by Kampon (www.kampon.com) or similar product from an approved manufacturer. All equipment to be installed with grass safety surfacing in line with manufacturer guidelines.

All play equipment and layout proposals to be specified in accordance with the requirements set out under BS EN 1176 and Equality Act 2010. Following the agreement of play equipment and the general arrangement the selected manufacturer's details will be submitted to the local council for approval along with the finished proposals and accompanying certificates and details. Signs are to be supplied and erected that the play area is a 'Dog free' zone and any other information required. Exact wording to be agreed with the Local Planning Authority.

PLANT SCHEDULE

Trees		Supply	Size	Girth	Number
BEPE	Betula pendula	HSd: BR	350-425cm	12-14cm	13
PRUAV	Prunus avium	HSd: BR	350-425cm	12-14cm	4
AINGL	Ainus glutinosus	HSd: BR	425-600cm	14-16cm	2
AMARI	Amelanchier canadensis Robin Hill	HSd: BR	425-600cm	14-16cm	1
MAGKO	Magnolia kobus	HSd: BR	425-600cm	14-16cm	5
ACECAM	Acer campestre	HSd: BR	450-625cm	16-18cm	5
FAGSY	Fagus sylvatica	HSd: BR	450-625cm	16-18cm	1
MALTRI	Malus trilobata	HSd: BR	450-625cm	16-18cm	2
PRICACH	Prunus cerasifera 'Chanticleer'	HSd: BR	450-625cm	16-18cm	4
					Total: 31

Buffer Trees

Buffer Species		Supply	Size	Girth	Number
ACECAM	Acer campestre	Std: BR	250-300cm	8-10cm	2
AMARI	Amelanchier canadensis Robin Hill	Std: BR	250-300cm	8-10cm	1
BEPE	Betula pendula	Std: BR	250-300cm	8-10cm	5
CARBET	Corpus betulus	Std: BR	250-300cm	8-10cm	10
MALSY	Malus sylvestris	Std: BR	250-300cm	8-10cm	5
PRUAV	Prunus avium	Std: BR	250-300cm	8-10cm	1
SCUAV	Sorbus aucuparia	Std: BR	250-300cm	8-10cm	9
					Total: 33

Specimen Shrubs

Abbr	Species	Pot Size	Height	Habit	Number
EUOJABR	Eunonymus japonicus 'Brava'	25L	100-120cm	Bushy	6
PHOAR	Phoradendron 'Amazing Red'	25L	100-120cm	Tree	3
					Total: 9

Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number
ELAE	Eleagnus ebbingei	10L	80-100cm	Bushy	0.4Cfr	101
PRULU	Prunus lauraster	10L	80-100cm	Bushy	0.4Cfr	578
						Total: 679

Native Mix Hedgerow

Abbr	Species	Supply	Height	Density	Mix %	Number
COAV	Corylus avellana	11+1: 3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	15%	63
CRAMON	Crataegus monogyna	11+1: 3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	40%	167
LEAG	Ilex aquifolium	2L: 3 Breaks	40-60cm	0.4Cfr Double Staggered at 0.4m offset	10%	42
PRUP	Prunus spinosa	11+1: 3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	15%	63
KOSCA	Rosa canina	11+1: 3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	10%	42
VIBOP	Viburnum opulus	11+1: 3 Breaks	60-80cm	0.4Cfr Double Staggered at 0.4m offset	10%	42
						Total: 419

Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number
AUCIA	Aucuba japonica	10L	40-60cm	Bushy	0.8Cfr	13
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Cfr	42
CEATHR	Ceanothus thyrsiflorus repens	10L	40-60cm	Bushy	0.7Cfr	55
CHOTES	Chamaelirium luteum 'Sundance'	10L	40-60cm	Bushy	0.7Cfr	69
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branched	0.8Cfr	13
ELAPUMA	Eleagnus pungens 'Maculata'	10L	60-80cm	Bushy	0.8Cfr	13
EUOFENG	Eunonymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.7Cfr	129
HEMAR	Hebe 'Marjorie'	10L	40-60cm	Bushy	0.7Cfr	20
HEMAR	Hebe 'Mrs Winder'	10L	40-60cm	Bushy	0.7Cfr	52
HEBALRE	Hebe abietans 'Red Edge'	10L	30-40cm	Bushy	0.7Cfr	98
HEBPS	Hebe pinguicula 'Sutherlandii'	10L	30-40cm	Bushy	0.7Cfr	103
HYPHI	Hypericum 'Midcote'	10L	40-60cm	Bushy	0.7Cfr	20
LAVANMU	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Cfr	67
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Cfr	42
LONNING	Lonicera nigra 'May Green'	10L	40-60cm	Bushy	0.7Cfr	4
PHOFREER	Philadelphus 'Frost Red Robin'	10L	60-80cm	Bushy	0.8Cfr	13
PRULAO	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Cfr	71
SKIJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Cfr	67
						Total: 911

Play Area Shrub Mix

Abbr	Species	Pot Size	Height	Habit	Density	Number
LAVANMU	Lavandula angustifolia 'Munstead'	3L	20-30cm	Bushy	0.4Cfr	21
MISGRAA	Miscanthus sinensis 'Gracillimus'	Full Pot	0.6Cfr	15		
STITE	Stipa tenuissima	Full Pot	0.6Cfr	15		
						Total: 51