



Specification Notes:

All plants shall conform to BS 3934 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HFA 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 by the Structural Engineer during foundation design.

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 planting must 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 plays: Any planting stock specified in pedestrian visibility plays 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.

Trags: 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 NHERC Standards. It is the Contractor's responsibility to ensure that all underground services have been located and identified in advance of tree 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. All trees to be supplied with a minimum 1.8m 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 climbers species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Hedgegroes: All ornamental hedgegro shrubs to be planted in accordance with horticultural best practice guidelines. No hedgegro 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.

Native Hedgegroes (Transplants): All native hedgegro 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 shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgegro shrubs to be planted on a double staggered row at 400mm centres, 300mm apart with no less than 6 per linear metre. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine tilth. If required suitable soil conditions, such as multhroom 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 can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a Bio-degradable Tree Shelter Guard and timber stake using natural fibre ties (Hafslat Natural Tree Tie) fitted in accordance with the manufactures guidelines. Following planting the ground is to be watered to field capacity. Planting beds to site fontages/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 100mm 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.

Shrubs & Hedgegroes: 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 Shrubs: All 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 shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine tilth. If required suitable soil conditions, such as multhroom 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 can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a Bio-degradable Tree Shelter (gl GreenGuard Biodegradable Tree Shelter Guard) and timber stake using natural fibre ties (Hafslat Natural Tree Tie) fitted in accordance with the manufactures guidelines. Following planting the ground is to be watered to field capacity. Planting beds to site fontages/features areas be mulched with 75mm layer of bark. Guards and shelters to be supplied Green Tech (www.green-tech.co.uk) or similar.

Upland Rush & Grass Species: All margins to be planted in accordance with horticultural best practice guidelines. No margin species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 12-21.

Key	Application Site Boundary
	
	Existing/Proposed Easement
	Areas of Existing Retained Habitat & Scrub.
	Illustrative LEAP extent/design. Refer to LEAP design drawing produced by Kompani (Ref: EN25296).
	Earth modelling: Gentle scraps to be formed to a depth of 200mm below finished ground level to allow natural accumulations of wet soils for characteristic grass and rush planting.
	Seat: 8no. Blacklum Seats as supplied by Broxap (www.broxap.com) or similar approved. Seats to have FSC hardwood timber slats, painted cast iron framework (Colour: Anthracite Grey - RAL 7016) with a roof/extension leg fixing system. Allow for paved platform (min. 100mm offset all around seat) to match adjacent paved surfaces including edge support (PC pin kerb or similar to match edging of adjacent paving).
	Picnic Bench: 4no. Connock Chase Picnic Benches as supplied by Broxap (www.broxap.com) or similar approved. Benches to be painted (Colour: Anthracite Grey - RAL 7016) and to be roof fixed. Allow for paved platform (min. 300mm offset all around bench) to match adjacent paved surfaces including edge support (PC pin kerb or similar to match edging of adjacent paving).
	Waymarker: 1no. Timber finger post as supplied by Broxap (www.broxap.com) or similar approved. Post to be roof fixed. Allow for development of signage content.
	Drystone Pillar Waymarker: 3no. Drystone Pillars constructed using local stone with timber finger post fixed through the centre of the pillar. Finger post to match standalone waymarkers. Detail to be confirmed.
	Wastebin: 6no. Double Westleigh Litter Bins (litter & dog waste) as supplied by Broxap (www.broxap.com) or similar approved. Timber panels to be FSC hardwood timber and steelwork to be painted Anthracite Grey - RAL 7016. Bins to be roof fixed.
Erosion Control	
	Pre-seeded Erosion Mat: Covamatt as supplied by Greenflex (www.greenflex.co.uk) to be installed on all bank gradients steeper than 1:3 in line with manufacturer recommendations. Matting to be pre-seeded with the seed mix specified on the landscape proposals.
Turf & Seeding	
	Turf to plot frontages to be laid as Rolown 'Medallion', or similar approved.
	Amenity grass - A22 low maintenance seed mixture, as supplied by Germinall (www.germinallamenity.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.
	Pond grass mixture - EP1, seed mixture for pond edges, as supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Plant Schedule					
Trees					
Abbr	Species	Supply	Size	Girth	Number
CORAV	Corylus avellana	MS-RB	175-200cm		6
QUERO	Quercus robur	Select Standard RB	300-350cm	10-12cm	4
CRAPES	Cotoneaster punctulata 'Splendens'	HS1d	300-425cm	12-14cm	2
APPR	Apple 'Bramley'	HS1d	300-425cm	12-14cm	3
CARBET	Corpinus betulus	Extra Heavy Standard RB	425-600cm	14-16cm	6
AMANI	Amenlicher arborea 'Robin Hill'	Extra Heavy Standard RB	425-600cm	14-16cm	3
CRAMON	Cotoneaster monogyna	Extra Heavy Standard RB	425-600cm	14-16cm	4
CARBET	Corpinus betulus 'Fastigiata'	Extra Heavy Standard RB	425-600cm	14-16cm	2
SORRYA	Sorbus aucuparia 'Cardinal Royal'	Extra Heavy Standard RB	425-600cm	14-16cm	5
LIGUIES	Ligustrum lucidum 'Baculum Superbum'	Extra Heavy Standard RB	425-600cm	14-16cm	13
MALTRI	Malus baccata	Extra Heavy Standard RB	425-600cm	14-16cm	1
ACCICAMST	Acer campestre 'Steelweave'	Extra Heavy Standard RB	450-625cm	16-18cm	45
FAGPURA	Fagus sylvatica 'Purpurea'	Extra Heavy Standard RB	425-625cm	16-18cm	3
FAGSY	Fagus sylvatica	Extra Heavy Standard RB	450-625cm	16-18cm	5
BEPE	Betula pendula	Extra Heavy Standard RB	450-625cm	16-18cm	9
MAGKOIS	Malus kobus 'SIS'	Extra Heavy Standard RB	450-625cm	16-18cm	7
MALSY	Malus sylvestris	Extra Heavy Standard RB	450-625cm	16-18cm	3
PRUAV	Prunus avium	Extra Heavy Standard RB	450-625cm	16-18cm	5
BETIACA	Betula utilis jacquemontii	Extra Heavy Standard RB	450-625cm	16-18cm	6
CARBET	Corpinus betulus	Extra Heavy Standard RB	450-625cm	16-18cm	4
PRYACACH	Prunus coccinea 'Chanticleer'	Extra Heavy Standard RB	450-625cm	16-18cm	12
ALINGL	Alnus glutinosa	Extra Heavy Standard RB	450-625cm	16-18cm	3
TILCOGR	Tilia cordata 'Green Spike'	Semi-mature RB	550-600cm	20-25cm	1
					Total: 158



Specimen Shrubs

Abbr	Species	Pot Size	Height	Habit	Number
PHOJE	Phoridium 'Jester'	1SL	80-100cm	Tip Cm	14
PHOBLP	Phoridium 'Platt's Black'	1SL	80-100cm	Tip Cm	5
PHOWAVA	Phoridium 'Yellow Wave'	1SL	80-100cm	Tip Cm	8
PHOCICD	Phoridium cook 'hooker' 'Cream Delight'	1SL	80-100cm	Tip Cm	8
PHOFREER	Photinia fraseri 'Red Robin'	1BL	125-150cm	Bushy	3
VIBDAMA	Viburnum bodnantense 'Dawn'	2SL	80-100cm	Bushy	4
HAMINDI	Hamamelis 'intermedia Diane'	2SL	125-150cm	Branching	4
					Total: 48



Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number
ELAEUB	Eleagnus ebbingei 'Limeheight'	SL	80-100cm	Bushy	0.4Ch	139
PRULU	Prunus lusitanica	SL	80-100cm	Bushy	0.4Ch	171
BUXSE	Buxus sempervirens	10L	30-40cm	Bushy	0.4Ch	152
ELAEUB	Eleagnus ebbingei 'Limeheight'	10L	80-100cm	Bushy	0.4Ch	301
PRULU	Prunus lusitanica	10L	80-100cm	Bushy	0.4Ch	1567
						Total: 2330

	Native Mix Species Hedgegro					
Abbr	Species	Supply	Height	Density	Mix %	Number
CORAV	Corylus avellana	11+1:3 Breaks	60-80cm	0.4Ch Double Staggered at 0.4m offset	15%	258
CRAMON	Cotoneaster monogyna	11+1:3 Breaks	60-80cm	0.4Ch Double Staggered at 0.4m offset	40%	466
LEAQ	Ilex aquifolium	2L:3 Breaks	40-60cm	0.4Ch Double Staggered at 0.4m offset	10%	173
PRUSP	Prunus spinosa	11+1:3 Breaks	60-80cm	0.4Ch Double Staggered at 0.4m offset	15%	258
ROSCA	Rosa canina	11+1:3 Breaks	60-80cm	0.4Ch Double Staggered at 0.4m offset	10%	173
VIBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	0.4Ch Double Staggered at 0.4m offset	10%	173
						Total: 1721

Shrubs							
Abbr	Species	Pot Size	Height	Habit	Density	Number	
CALVJALBP	Calluna vulgaris 'Alba Piena'	3L	30-40cm	Bushy	0.6Ch	65	
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branching	0.7Ch	105	
EURPO	Eurobaria robiae	3L	30-40cm	Full Pot	0.7Ch	14	
HEBPS	Hebe pinguifolia 'Sutherland'	3L	30-40cm	Bushy	0.7Ch	77	
AUCJA	Aucuba japonica	10L	60-80cm	Bushy	0.7Ch	30	
AUCJACR	Aucuba japonica 'Cratonfolia'	10L	60-80cm	Bushy	0.7Ch	6	
AUCJACR	Aucuba japonica 'Cratonfolia'	10L	40-60cm	Bushy	0.7Ch	7	
BRASU	Brachyglottis Sunshine	10L	40-60cm	Bushy	0.7Ch	210	
BUXSE	Buxus sempervirens	10L	30-40cm	Bushy	0.7Ch	13	
CEATHR	Ceanothus thyrsiflorus repens	10L	40-60cm	Bushy	0.7Ch	116	
CHOPAP	Choiyia 'Aztac Pearl'	10L	40-60cm	Bushy	0.7Ch	107	
CHOTE	Choiyia ternata	10L	40-60cm	Bushy	0.7Ch	68	
CHOTES	Choiyia ternata 'Sundance'	10L	40-60cm	Bushy	0.7Ch	206	
ELAPUMA	Eleagnus pungens 'Maculata'	10L	80-100cm	Bushy	0.7Ch	127	
EUOFOENG	Eunymus fortunei 'Emerald n' Gold'	10L	30-40cm	Bushy	0.7Ch	195	
EUOFOEG	Eunymus fortunei 'Emerald Green'	10L	30-40cm	Bushy	0.7Ch	287	
EUOJABR	Eunymus japonicus 'Brevifolius'	10L	40-60cm	Bushy	0.7Ch	18	
FAJA	Fatsia japonica	10L	60-80cm	Bushy	0.7Ch	6	
GRUL	Grisebium littoralis	10L	80-100cm	Bushy	0.7Ch	24	
HEBMAJ	Hebe 'Majorie'	10L	40-60cm	Bushy	0.7Ch	178	
HEBWM	Hebe 'Wes Winter'	10L	40-60cm	Bushy	0.7Ch	164	
HEBPQ	Hebe 'Purple Queen'	10L	40-60cm	Bushy	0.7Ch	138	
HEBAL	Hebe obconica	10L	30-40cm	Bushy	0.7Ch	32	
HEBALRE	Hebe obconica 'Red Edge'	10L	30-40cm	Bushy	0.7Ch	220	
HEBPS	Hebe pinguifolia 'Sutherland'	10L	30-40cm	Bushy	0.7Ch	188	
HYPHI	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.7Ch	123	
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Ch	231	
PRULACL	Prunus laurocerasus 'Otto Lyntek'	10L	30-40cm	Bushy	0.7Ch	21	
ROCFOR	Rosa fortunei	10L	40-60cm	Bushy	0.7Ch	40	
LONNBS	Lonicera nitida 'Baggesen's Gold'	10L	40-60cm	Bushy	0.7Ch	35	
PHORFRS	Phornea x fuscata 'Red Robin'	10L	80-100cm	Bushy	0.7Ch	30	
PRULACL	Prunus laurocerasus 'Otto Lyntek'	10L	60-80cm	Bushy	0.7Ch	173	
ROCFOR	Rosa fortunei	10L	40-60cm	Bushy	0.7Ch	40	
SARHO	Sarcococca hookeriana	10L	30-40cm	Bushy	0.7Ch	33	
SAROHU	Sarcococca humilis	10L	30-40cm	Bushy	0.7Ch	92	
SHUARI	Shimada japonica 'Rubra'	10L	40-60cm	Bushy	0.7Ch	20	
STICIAR	Stipa gigantea	10L	Full Pot	0.7Ch	17		
						Total: 3416	

Grasses

Abbr	Species	Pot Size	Density	Number
CARCOS	Carex comans 'Bronze'	3L	0.6Cfr	101
				Total: 101



Native Shrub Mix

Abbr	Species	Supply	Height	Mix	Density	Area	Number
CORAL	Cornus alba	11+1:3 Breaks	60-80cm	5%	1Ch	88.43m ²	100
CORSA	Cornus sanguinea	11+1:3 Breaks	60-80cm	5%	1Ch	88.43m ²	100
CORAV	Corylus avellana	11+1:3 Breaks	60-80cm	30%	1Ch	520.51m ²	539
EUOPS	Eunymus europaeus	11+1:3 Breaks	60-80cm	15%	1Ch	265.26m ²	274
LGUVI	Ligustrum vulgare	11+1:3 Breaks	60-80cm	15%	1Ch	265.26m ²	274
ROSCA	Rosa canina	11+1:3 Breaks	60-80cm	15%	1Ch	265.26m ²	274
VIBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	15%	1Ch	265.26m ²	274
Total: 1768.41m ²						Total: 1835	



Upland Rush & Grass Species					
Abbr	Species	Supply	Pot Size	Density	Number
CARPEN	Carex pendula	Bushy	1L	3/m²	39
DESFL	Deschampsia flexuosa	Bushy	1L	3/m²	49
JUNEFF	Juncus effusus	Bushy	1L	3/m²	99
					Total :187



Swale Planting

Abbr	Species	Supply	Density	Number
PHAU	Phragmites australis	100cc Plug	10/m ²	857
				Total :857

