

**SPECIFICATION**  
- Applies to all landscape operations.

**1 GENERAL**  
**1.1 Preliminaries**  
Health and Safety considerations are as the Bloor Homes Trade Specifications.  
The following specification is in line with the Trades Specification, however where there are specific requirements, these notes take precedence over the general guidance outlined within the Trade Specification.  
The Site Manager should possess and distribute information to the relevant contractors regarding all underground services, engineering, drainage, lighting and ecological constraints and current proposed landscaping prior to external works and landscaping operations.  
Tree and hedgerow protection, subsoil cultivation, topsoiling and levelling/grading operations outlined below are the responsibility of the Site Agent unless stated otherwise.  
Trees in hard surfaces will require engineered tree pits which will require construction when surfaces and service routes are being installed. Reference should be made to the appropriate tree pit detail drawing provided by the engineers and on the landscape drawings where applicable.  
Where tree pits are within 5m of roads and services, and within 3m of other paved surfaces a linear root barrier is to be installed in accordance with the manufacturer's instructions. The barrier shall be set as near as possible to the surface or service route to be protected to provide as much rooting area as possible for the tree.  
Distances may vary according to requirements.  
**1.2 Soft Landscaping Considerations**  
All soft landscaping should be carried out by specialist landscape sub-contractor who is either British Association of Landscape Industries (BALI) accredited or can demonstrate a proven track record.  
All plants shall conform to the specification details shown on this drawing, which are taken from the National Plant Specification, and must be well rooted, healthy stock. Plants required for hedging or massing must be uniform in every respect.  
Plants must be in accordance with the relevant section of the current BS 3936 Nursery Stock Specification, and trees to the most current BS 8545 Trees. **From Nursery to Independence in the Landscape.**  
Supplying nurseries shall be registered under the RTA Nursery Certification Scheme.  
All plants shall be packed, transported and handled in accordance with the Code of Practice for Plant Handling as produced by the Committee for Plant Supply and Establishment (CPSE) and handling of trees to the most current BS 8545.  
Any variance from the specification stated on each landscape drawing may result in a request to replace planting, at the contractors expense.  
**1.3 Tendering and Implementation**  
Landscape Contractors are required to tender and implement as per the schedule and specification.  
It is recognised that there are seasonal variations in plant availability and so it may be necessary for plant specifications to be revised. However any substitutions should be with a suitable alternative of comparable size to meet the schedule requirements, and should be approved by the Bloor Homes Landscape Design / Commercial Department.  
All landscape implementation will be audited. Plant material not approved will be rejected and replaced at the Landscape Contractor's own expense, as stated in 1.2.  
The site should be found in a condition as described in the Ground Workers' Trade Specification document which includes the removal of all builder's debris and the hardcore base set for scaffolding.  
**2 RETENTION OF EXISTING TREES AND HEDGEROWS**  
Precautions must be taken to ensure that trees and hedges shown for retention remain undisturbed with roots and branches protected with robust barriers in accordance with the most current BS 5837 Trees in Relation to Design, Demolition and Construction. Any tree surgery work should be in accordance with the most current BS 3908 Recommendation for Tree Work and must comply with any Conservation Area, Tree Preservation Orders or specific planning conditions where appropriate.  
Reference must be made to Tree Protection Drawings.  
**3 PRE-PLANTING AND PRE-TURFING GROUND PREPARATION (Groundworking)**  
**3.1 Subsoil Cultivation**  
Prior to any topsoiling all subsoil should be thoroughly 'tipped' to relieve compaction using suitable machinery, or by hand in confined areas or in proximity to existing tree roots to a depth of 150mm.  
**3.2 Imported and Stored Topsoil**  
Wherever possible store and re-spread existing topsoil to POS areas to encourage re-generation of localised native species.  
Topsoil, all topsoiling and soil storage operations are to be carried out in accordance with the current BS 3882 Specification for Topsoil. Topsoil spreading should be carried out to the depths shown below and all topsoiled areas should be cleared of all extraneous matter such as perennial weeds, plastic, wood, metal and stones greater than 50mm in any dimension which should be removed from site to a licensing facility.  
Minimum depths of topsoil after firming and of subsoil cultivation to be achieved:  
Type of Soil Landscaping      Topsoil Depth      Depth of subsoil to be broken up  
Planted areas\*                      300mm                      150mm  
Grass Areas                              150mm                      150mm  
Rear Gardens                            150mm                      150mm  
\* Remove extraneous matter within cultivated subsoil above 75mm in any dimension.  
**3.3 Levelling/Grading**  
In final grading operations finished soil levels adjacent to buildings are to be 150mm below damp proof course. For planted areas where 75mm depth bark mulch is specified the soil should be graded down towards adjacent paved or grass surfaces to 90mm below the paving or grass. This allows for full depth of bark mulch with 15mm clearance. For turfled areas soil levels should be 10mm above the adjacent paving ready to receive the turf and for seeded areas at least 30mm above.  
**3.4 Weed Treatment**  
Only where necessary, because significant weed growth has started to establish, treat existing weeds with a non-residual based, herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. Herbicide should be used strictly in accordance with the Pesticides Act 1989 (or otherwise updated/superseded legislation) according to manufacturer's instructions and only by qualified staff. Use products that are approved by the Soil Association.  
Remove small amounts of weed growth within shrub beds by hand at time of planting.  
**4 PLANTING**  
**4.1 Ground Preparation**  
Planting shall not be carried out when the ground is waterlogged, frost-bound or during periods of cold drying winds.  
All planting, seeding and turfing operations are to be in accordance with latest BS 4428 Code of Practice for General Landscape Operations.  
A general purpose organic slow release fertiliser at the rate of 100g/m<sup>2</sup> is to be incorporated into the top 150mm of topsoil during final cultivations.  
**4.2 Setting Out**  
Shrubs and hedges are to be set out as shown on the drawing at the specified densities and centres. The operatives carrying out the works should be able to interpret drawings, set out landscaping areas and communicate any discrepancies with our Site Manager.  
Ornamental hedges are to be planted in a single row unless otherwise stated.  
Trees are to be planted in the positions shown on the drawing ensuring that they are at the correct distances from adjacent buildings and 1.5m from drainage runs.  
It is imperative that trees are planted with the correct species and location as specified in the drawings in accordance with the NHBC Standards Chapter 4.2, or the LABC Standards, whichever is applicable.  
It is the contractor's responsibility to ensure that all underground services have been located and identified in advance of tree pit excavation to avoid damage to any underground services or cables.  
**4.3 Planting**  
Bare rooted and root balled stock to be planted between mid-November and end-February.  
Planting pit sizes should be relative to the container size or root ball of the plant and shall be sufficiently large enough to accommodate the plants without root damage and to allow for backfill of topsoil and planting compost.  
All ornamental hedgerow boundary plants are to be 'topped' cut to form a level hedge across each section of new hedging.  
Plants are to be pit planted into the prepared soil incorporating peat free tree and shrub compost in quantities shown below, and firmed in.  
Quantities of peat free tree and shrub planting compost:  
2-3L Shrubs and Herbaceous 3 Litres  
5-10L Shrubs                      5 Litres  
25L Specimens                      10 Litres  
Trees                              20 Litres plus 100g/m<sup>2</sup> organic slow release fertiliser and 150ml mycorrhizal dressing such as 'Rootgrow'  
**4.4 Tree Planting**  
Tree planting operations should be in accordance with part 10 of the current BS 8545 Trees from Nursery to Independence in the Landscape.  
Tree pits are to be excavated to a minimum of 1m X 1m X 600mm with the sides well scarified to prevent smearing, the base of tree pits are to remain undisturbed and should only be broken up if there is a drainage problem and/or soil pan. If conditions make drainage necessary this should be provided away from the tree, with the base of the pit sloped to direct water into a drainage pipe.  
Backfill of tree pits should be in layers of 150mm at a time starting with subsoil followed by layers of topsoil with compost etc, as shown above.  
Root flare of the newly planted tree should be clearly visible at the soil surface. It should not be buried by excess soil or by mulch.  
Ensure trees in hard surfaces and in restricted areas are planted in accordance with the appropriate tree planting detail with sufficient volumes of tree soil.  
**4.5 Trees are to be watered thoroughly, immediately after planting. The landscape contractor shall allow for provision of all equipment to complete this initial watering, using water supply point as directed on site.**  
Each tree is to receive at least 30 gallons when watered.  
**4.6 Tree Support**  
All trees up to and including selected standards are to be supported with single 100mm diameter stake.  
All trees heavy standard size and over shall be double staked with 100mm diameter stakes and a half-round timber cross-brace fitted to the windward side of the tree within 25mm of the top of the stakes ensuring that the tree is vertical and straight. Stakes are to be securely driven into the ground prior to planting to a height above ground that is one third of the height above ground of the tree when planted to allow free movement of the crown. Secure stake trees to cross-brace with an adjustable plastic / rubber tie with spacer and buckle (buckle end to be nailed to stake).  
Secure POS trees with a bio-degradable hessian tree tie, wrapping the material round itself to form a spacer and nailing it to the stake or cross-brace.  
Each tree should be fitted with a tree irrigation/aeration system unit fitted to fully surround the root ball in accordance with the details. Refer to specific tree planting details.  
Linear root barriers where required should be installed as near to the surface or service route to be protected as possible, provide as much rooting area for the trees as possible, ensure that there are no sharp objects close to either side of the barrier and that the top edge of the root barrier remains 15mm above the surface on the tree side with no growing medium over the top of the barrier. Overlapping ends should be joined by taping both sides with jointing tape.  
**4.6 Climber Support**  
Climbers are to be supported by timber trellis screwed to the wall or fence.  
Supporting canes supplied with climbers are to be carefully removed and the climbers are to be fanned out and tied into the trellis with appropriate plant ties as required. Climbers supplied on frames can be left on the frame and the frame fixed to the fence or wall.  
**4.7 Mulch**  
**All trees and shrubs are to be watered thoroughly, to full ground capacity, immediately after planting and before the application of mulch. The landscape contractor shall allow for provision of all equipment to complete this initial watering, using water supply point as directed on site.**  
Ensure the area to be mulched is entirely free from annual and perennial weeds and has been watered prior to applying an even spread of mulch to planting areas to control weeds and retain moisture.  
Unless instructed otherwise apply good quality bark mulch to a depth of 75mm to planting beds, hedgerows and tree stations.  
Where stone mulch is requested apply 40mm of stone over Planes/Geddie tree or equivalent pegging down with metal pegs.  
Finished soil levels adjacent to buildings are to be 150mm below damp proof course. For planted areas where 75mm depth bark mulch is specified the soil should be graded down to adjacent paved or grass surfaces to 90mm below the paving or grass. This allows for full depth of bark mulch with 15mm clearance.  
Where 40mm depth stone mulch is specified with geo-textile membrane grade to 55mm below paving or grass within 1500mm.  
Finished mulch levels should be no higher than 15mm below adjacent pavement or grass levels to avoid any spillages.  
**4.8 Whip Planting**  
Bare root plants are to be notch planted, ensuring the notch is vertical and deep enough for the roots to hang freely. The notch is to be closed and the soil well firmed around the roots. Any container grown or root balled plants are to be pit planted. All stock is to be fitted with a 600mm minimum size clear plastic spiral rabbit guard secured to a bamboo cane, or with a tree shelter secured to a stake as appropriate.  
**4.9 Native Hedge Planting**  
Hedges are to be trench planted in a trench 450mm wide x 300mm deep planting in a double staggered row at 330mm centres with 300mm between rows, backfilling with the excavated material incorporated with a general purpose slow release fertilizer at a rate of 100g/m<sup>2</sup>. Each plant is to be fitted with a clear plastic spiral rabbit guard secured to a bamboo cane support. Any container grown or root balled plants are to be fitted with a suitable tree shelter secured to stake.  
**5 GRASS**  
**5.1 Turf Preparation**  
The area to be turfed shall be cultivated to a minimum depth of 150mm removing all weeds, debris and stones over 25mm diameter which should be placed in waste skips provided or as directed by the site manager. The surface shall be raked to smooth flowing contours with a fine tili, incorporating pre-turfing fertiliser at 50 g/m<sup>2</sup>.  
**5.2 Delivery and Storage**  
Turf shall be supplied in accordance with the most current BS 3969 Recommendations for Turf for General Purposes.  
Turf shall be cultivated high grade turf well rooted seeded turf free from stones, weeds and coarse grasses. It shall be close textured, green in colour and be sufficiently fibrous to withstand handling. Turf rolls shall be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass shall be closely mown and shall not exceed 15mm in height.  
Turf shall be stacked in piles of up to 1 metre. It shall not be laid in frosty or waterlogged conditions and shall not be stacked in rolls for more than three days. Any turf deemed to be substandard shall be replaced at the landscape sub-contractors cost.  
**5.3 Turf**  
Turfing operations shall be in accordance with the most current BS 4428.  
Turf should be laid when weather conditions are suitable and not during exceptionally frosty or dry weather conditions.  
Turf is to be laid with staggered joints, well butted together, and in firm contact with the soil working from planks positioned on turves already laid. At no time should freshly laid turf be walked on without the use of boards.  
The turf shall be watered immediately on completion. The landscape contractor shall allow for provision of all equipment to complete this initial watering, using water supply point as directed on site.  
Any unevenness shall be made good by lifting the turf and adjusting the levels. Should damage occur, free topsoil shall be brought into the joints.  
Where trees are planted in turfed areas a 700mm diameter circle around each tree is to be kept clear of turf.  
**5.4 Seeding Preparation**  
The area to be seeded shall be cultivated to a minimum depth of 150mm removing all weeds, debris and stones over 25mm diameter which should be placed in waste skips or as directed by the site manager. The surface shall be raked to smooth flowing contours with a fine tili, incorporating pre-seeding fertiliser at 50 g/m<sup>2</sup> unless otherwise stated and work into top 50mm during final cultivation.  
**5.5 Seeding**  
All Grass seed shall be sown in March / April or September during calm weather conditions and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in traverse directions at 35g/m<sup>2</sup> total unless otherwise stated. After sowing the contractor shall lightly rake the seed into intimate contact with the soil.  
**5.6 Wild flower Seeding**  
All wildflower seed mixes are to be from a certified source with local provenance seed stock. Ground preparation to be as supplier's specification/guidance. Sowing applications may vary but are likely to be carried out in early spring or late autumn. After sowing lightly rake the seed into intimate contact with the soil.  
**6 MAINTENANCE**  
The landscape contractor shall maintain all none private landscape areas for a period of 12 months following practical completion to ensure successful establishment. All stock deemed to be dead, dying or diseased within the 12 months defects period shall be replaced by the contractor at own cost.  
The contractor should factor in 12 months of repeat visits, sufficient for the establishment and aftercare of all planting. None private areas can be identified for each site.  
Private site landscaping will be handed over to the householders as and when each house is occupied, the site will be responsible for watering until handover.  
**6.1 Weed Clearance**  
All planting areas are to be kept weed free by hand weeding unless otherwise specified. Providing adequate mulch, as specified, should aid this. Mulch should also be topped up as required.  
**6.2 Litter Clearance**  
All areas are to be kept litter free.

**PLANTING SCHEDULE**  
- All areas

PROPOSED TREES - Extra Heavy Standard				
Number	Abbreviation Species	Girth	Height	Pot Size Specification
3 -	LIRTU      Liriodendron tulipifera	14-16cm	400-450cm	45-85L      Extra Heavy Standard: 5 brks: C: Clear Stem 175-200cm
3 -	PYRCACH      Pyrus calleryana 'Chanticleer'	14-16cm	400-450cm	45-85L      Extra Heavy Standard: 5 brks: C: Clear Stem 175-200cm
10 -	QUERO      Quercus robur	14-16cm	400-450cm	45-85L      Extra Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
2 -	SORARLU      Sorbus aria 'Lutescens'	14-16cm	400-450cm	45-85L      Extra Heavy Standard: 5 brks: C: Clear Stem 175-200cm
Total: -18 -				
PROPOSED TREES - Heavy Standard				
Number	Abbreviation Species	Girth	Height	Pot Size Specification
15 -	ACECAM      Acer campestre	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem min. 200cm
7 -	ACEPS      Acer pseudoplatanus	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem min. 200cm
18 -	BETNI      Betula nigra	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
8 -	BETPE      Betula pendula	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem 175-200cm
3 -	CASSA      Castanea sativa	12-14cm	350-425cm 50 x 35cm	Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
6 -	FAGSV      Fagus sylvatica	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
11 -	POPTR      Populus tremula	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem 175-200cm
16 -	PRUAV      Prunus avium	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem 175-200cm
14 -	PRUPA      Prunus padus	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem 175-200cm
5 -	PYRCOM      Pyrus communis	12-14cm	350-425cm 50 x 35cm	Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
12 -	SALCAP      Salix caprea	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm
7 -	TILCO      Tilia cordata	12-14cm	350-425cm	Heavy Standard: 5 brks: 3x: B: Clear Stem 175-200cm
Total: -122 -				
PROPOSED TREES - Standard				
Number	Abbreviation Species	Girth	Height	Pot Size Specification
25 -	AMEBA      Amelanchier 'Ballarina'	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
12 -	BETJUL      Betula utilis jacquemontii	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
14 -	MALEV      Malus Evered	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
16 -	MABASP      Malus baccata 'Street Parade'	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
44 -	PRUSNG      Prunus 'Snow Goose'	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
14 -	PYRSAPe      Pyrus salicifolia 'Pendula'	8-10cm	250-300cm	Standard: 3 brks: C: Clear Stem 150-170cm
Total: -125 -				
CONIFERS				
Number	Abbreviation Species	Height	Pot Size Specification	
21 -	PINSY      Pinus sylvestris	150-175cm	3x: Leader with Laterals: RB	
Total: -21 -				
ORNAMENTAL HEDGE				
Number	Abbreviation Species	Height	Diameter	Pot Size Density Specification
1686 -	LEAQUT      Ilex aquifolium 'J.C. van Tol'	40-60cm	5-7.5L	0.3Cr Leader with Laterals: C
434 -	LICOP      Ligustrum ovalifolium	60-80cm	5L	0.3Cr Branched: 7 brks
1175 -	OLEMA      Olestra macrocarpa	40-60cm	5L	0.3Cr Bushy: 8 brks: C
Total: -5485 -				
GROUND COVER SHRUBS AND PERENNIAL PLANTS - Shrubs				
Number	Abbreviation Species	Height	Diameter	Pot Size Density Specification
218 -	ABEGR      Abelia x grandiflora	40-60cm	5L	0.7Cr Bushy: 4 brks: C
170 -	AUCJAR      Aucuba japonica 'Rozannie'	30-40cm	5L	0.5Cr Bushy: 4 brks: C
134 -	BRASU      Brachyglottis 'Sunshine'	40-60cm	5-7.5L	0.6Cr Branched: 6 brks: C
347 -	CEABLM      Ceanothus 'Blue Mound'	30-40cm	5L	0.6Cr Bushy: 5 brks
166 -	CHCAP      Choisya 'Aztec Pearl'	40-60cm	7.5L	0.7Cr Bushy: 6 brks: C
171 -	CHOTE      Choisya ternata	40-60cm	7.5L	0.7Cr Bushy: 5 brks: C
152 -	CUSCO      Cistus x cordatus	40-60cm	5-7.5L	0.6Cr Bushy: 6 brks: C
167 -	CORSTK      Cornus stolonifera 'Kelsey'	30-40cm	5L	0.7Cr Several Shoots: 5 brks: C
121 -	ELAEBL      Eleagnus x ebbingei 'Limeight'	40-60cm	5L	0.7Cr Branched: 4 brks: C
202 -	EUFIOEN      Euonymus fortunei 'Emeral' 'n Cold'	25-30cm 30-40cm	5-7.5L	0.5Cr Bushy: 9 brks: C
239 -	EUFODEG      Euonymus fortunei 'Emerald Gaiety'	25-30cm 30-40cm	5-7.5L	0.5Cr Bushy: 9 brks: C
193 -	HEBMAR      Hebe 'Marjorie'	30-40cm	5L	0.7Cr Bushy: 7 brks: C
141 -	HEBPIS      Hebe pinguifolia 'Sutherlandii'	30-40cm	5L	0.6Cr Bushy: 9 brks: C
167 -	HEBRA      Hebe rakaiensis	40-60cm	5-7.5L	0.7Cr Bushy: 7 brks: C
232 -	HYHPH      Hypericum 'Hidcote'	40-60cm	7.5L	0.6Cr Bushy: 7 brks: C
324 -	LAVANHJ      Lavandula angustifolia 'Hidcote'	30-40cm	7.5L	0.6Cr Bushy: 9 brks: C
162 -	LONNBG      Lonicera nitida 'Baggesen's Gold'	40-60cm	5L	0.7Cr Bushy: 7 brks: C
167 -	LONNBG      Lonicera nitida 'Majgrin'	30-40cm	5L	0.7Cr Bushy: 8 brks: C
254 -	MAHAQ      Mahonia aquifolium	40-60cm	5L	0.7Cr Branched: 4 brks: C
78 -	OSMBU      Osmanthus burkwoodii	40-60cm	5L	0.7Cr Bushy: 5 brks
142 -	PHOFLRR      Photinia x fraseri 'Little Red Robin'	40-60cm	5L	0.7Cr Bushy: 9 brks: C
47 -	PIEFF      Pieris 'Forest Flame'	40-60cm	5L	0.7Cr Bushy: 7 brks: C
139 -	PITTEPT      Pittosporum tenuifolium	30-40cm	5L	0.7Cr Bushy: 5 brks: C
178 -	PRULAOL      Prunus laurocerasus 'Otto Luyken'	40-60cm	5-7.5L	0.7Cr Bushy: 5 brks: C
195 -	ROSOF      Rosmarinus officinalis	40-60cm	5L	0.7Cr Bushy: 9 brks: C
228 -	SARCO      Sarcococca confusa	30-40cm	5L	0.7Cr Bushy: 7 brks: C
231 -	VIBDA      Viburnum davidii	30-40cm	5-7.5L	0.6Cr Bushy: 4 brks: C
Total: -1945 -				
GROUND COVER SHRUBS AND PERENNIAL PLANTS - Grasses				
Number	Abbreviation Species	Pot Size Density Specification		
68 -	CAROSE      Carex oshimensis 'Evergold'	5L      0.7Cr      Full Pot: C		
281 -	STITTEPT      Stipa tenuissima 'Pony Tails'	2L      0.45Cr      Full Pot: C		
Total: -347 -				
NATIVE HEDGE MIX - Individual species to be planted together in groups of 3-7.				
Number	Abbreviation Species	Height	Pot Size	Density Specification
3236 -	ACECAM      Acer campestre	60-80cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
3238 -	CORSA      Cornus sanguinea	40-60cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
2428 -	CORAV      Corylus avellana	60-80cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
2428 -	CRAMON      Crataegus monogyna	40-60cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
1621 -	PRUAV      Prunus avium	60-100cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
1621 -	PRUSP      Prunus spinosa	40-60cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
1621 -	SAMNI      Sambucus nigra	40-60cm	0.3Cr	Double Staggered at 0.3m offset+1+1: Transplant - seed raised: B
Total: -16191 -				
WOODLAND MIX - Individual species to be planted together in groups of 3-7.				
Number	Abbreviation Species	Height	Pot Size	Density Specification
1155 -	ACECAM      Acer campestre	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
1155 -	ALNGL      Alnus glutinosa	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
579 -	BETPE      Betula pendula	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
579 -	CARBET      Carpinus betulus	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
579 -	MALSYLB      Malus sylvestris	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
867 -	PRUPA      Prunus padus	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
867 -	SORAR      Sorbus aria	60-80cm	0.7Cr	1+1+1: Transplant - seed raised: B
Total: -5781 -				
AMENITY MIX - Individual species to be planted together in groups of 3-7.				
Number	Abbreviation Species	Height	Pot Size	Density Specification
253 -	EUFEO      Euonymus europaeus	40-60cm	2L	0.5Cr Branched: 4 brks
152 -	PRUSP      Prunus spinosa	60-80cm	3L	0.5Cr Branched: 5 brks
102 -	ROSCA      Rosa Canina	40-60cm	3L	0.5Cr Branched: 5 brks
102 -	SAMNI      Sambucus nigra	40-60cm	3L	0.5Cr Branched: 3 brks
253 -	VIBLA      Viburnum lantana	40-60cm	3L	0.5Cr Branched: 4 brks
152 -	VIBOP      Viburnum opulus	40-60cm	3L	0.5Cr Branched: 4 brks
Total: -1014 -				
SENSORY MIX - Individual species to be planted together in groups of 3-7.				
Number	Abbreviation Species	Height	Pot Size	Density Specification
10 -	BERCO      Bergenia cordifolia	40-60cm	5L	Full Pot: C
14 -	BUDDA      Buddleja davidii	60-80cm	5L	Branched: 5 brks: C
21 -	HEBMM      Hebe 'Midsommer Beauty'	40-60cm	10L	Bushy: 9 brks: C
14 -	LAVAN      Lavandula angustifolia	30-40cm	10L	Bushy: 9 brks: C
21 -	PHYLLF      Phyllostachys flexuosa	100-150cm	10-15L	Several Shoots: 10 brks: C
21 -	PRULLAE      Prunus laurocerasus 'Etna'	60-80cm	10L	Bushy: 8 brks: C
21 -	ROSFOMJU      Rosmarinus officinalis 'Miss Jessopp's Upright'	40-60cm	10L	Bushy: 7 brks: C
10 -	STABY      Stachys byzantina	40-60cm	5-7.5L	Full Pot: C
14 -	STIGI      Stipa gigantea	40-60cm	5-7.5L	Full Pot: C
Total: -146 -				
MARGINAL MIX - Individual species to be planted together in groups of 5 minimum in nutrient poor soil.				
Number	Abbreviation Species	Pot Size Density Specification		
1553 -	FILUL      Filipendula vulgaris	50cc min. 0.45Cr Plug: Established Root min. 2-3 months: Sept to April planting: British Native-origin: C		
1553 -	GEURI      Geum rivale	50cc min. 0.45Cr Plug: Established Root min. 2-3 months: Sept to April planting: British Native-origin: C		
1553 -	IRIPS      Iris pseudacorus	50cc min. 0.45Cr Plug: Established Root min. 2-3 months: Sept to April planting: British Native-origin: C		
1553 -	MEQA      Mentha aquatica	50cc min. 0.45Cr Plug: Established Root min. 2-3 months: Sept to April planting: British Native-origin: C		
Total: -6212 -				
POND EDGE MIX - Individual species to be planted together in groups of 5 minimum in nutrient poor soil.				
Number	Abbreviation Species	Pot Size Density Specification		
1539 -	CORALA      Cornus alba 'Aurea'	2L      0.45Cr      Branched: 2 brks		
1539 -	CORALVH      Cornus alba 'Ivory Halo'	2L      0.45Cr      Branched: 2 brks		
1539 -	CORALB      Cornus alba 'Sibirica'	2L      0.45Cr      Branched: 2 brks		
1539 -	MISSIS      Miscanthus sinensis	2L      0.45Cr      Full Pot: C		
1539 -	PHRAU      Phragmites australis	2L      0.45Cr      Full Pot: C		
Total: -7695 -				
TREE SPECIES TO BE PLANTED 2.5m AWAY FROM ADAPTABLE HIGHWAYS				