

Shrub planting



Plant Schedule

Trees					
Number	Abbreviation	Species	Girth	Height	Specification
7 No.	Ac	Acer campestre	14-16cm	400-450cm	Extra Heavy Standard :5 brks :3x :RB
4 No.	AcE	Acer campestre 'Elsrijk'	14-16cm	400-450cm	Extra Heavy Standard :5 brks :3x :B
7 No.	AmRH	Amelanchier lamarckii 'Robin Hill'	8-10cm	250-300cm	Standard :B
7 No.	BEPE	Betula pendula	12-14cm	350-425cm	Heavy Standard :5 brks :3x :C
4 No.	LIQST	Liquidambar styraciflua	18-20cm	450-500cm	Extra Heavy Standard :3x :RB
4 No.	MAGKO	Magnolia kobus	8-10cm	250-300cm	Standard :B
3 No.	MAHP	Malus hupehensis	12-14cm	350-425cm	Heavy Standard :5 brks :3x :B
4 No.	OSTCA	Ostrya carpinifolia	8-10cm	250-300cm	Standard :3 brks :2x :B
5 No.	PaP	Prunus avium 'Plena'	16-18cm	400-450cm	Extra Heavy Standard: 3x; B
4 No.	PRSA	Prunus sargentii	12-14cm	350-425cm	Heavy Standard :5 brks :3x :B
3 No.	PcC	Pyrus calleryana 'Chanticleer'	12-14cm	350-425cm	Heavy standard: 3x: RB: 5brks
6 No.	SORAUSS	Sorbus aucup. 'Sheerwater Seedling'	12-14cm	350-425cm	Heavy Standard :5 brks :3x :RB
7 No.	TcGS	Tilia cordata 'Green Spire'	16-18cm	400-450cm	Extra Heavy Standard :3x :RB

Hedge				
Number	Abbreviation	Species	Specification	Density
953 No.	PfRR	Photinia fraseri 'Red Robin'	Branched :7 brks :C	0.4Ctr Double Staggered at 0.3m offset

Mix A					
Number	Abbreviation	Species	Specification	Density	Weight
152 No.	Cc	Cistus corbariensis	Bushy: 4brks: C: 3L	0.7Ctr	
152 No.	EFEG	Euonymus fortunei 'Emerald Gaiety'	Branched :9 brks :C	0.7Ctr	
129 No.	SARCO	Sarcococca confusa	Bushy :6 brks :C	0.7Ctr	
77 No.	SpiAr	Spiraea x arguta	Branched :5 brks :C	0.7Ctr	
Total :510 No.					

Mix B					
Number	Abbreviation	Species	Specification	Density	Weight
48 No.	GAREL	Garrya elliptica	Leader With Laterals :5 brks :C	0.7Ctr	
67 No.	HEUMIPP	Heuchera micrantha 'Palace Purple'	C	0.7Ctr	
67 No.	MISC	Miscanthus sinensis 'Silberfeder'	C	0.7Ctr	
133 No.	SnS	Spiraea nipponica 'Snowmound'	Branched :5 brks :C	0.7Ctr	
133 No.	VMajA	Vinca minor 'Alba'	C	0.7Ctr	
Total :448 No.					

Mix C					
Number	Abbreviation	Species	Specification	Density	Weight
306 No.	LONNIMG	Lonicera nitida 'May Green'	Bushy :8 brks :C	0.5Ctr	
195 No.	PachT	Pachysandra terminalis	C	0.5Ctr	
270 No.	VINMIAT	Vinca minor 'Atropurpurea'	C	0.5Ctr	
Total :771 No.					

Mix D					
Number	Abbreviation	Species	Specification	Density	Weight
275 No.	EDsB	Euonymus fortunei 'Dart's Blanket'	Bushy :7 brks :C	0.7Ctr	
142 No.	PaBS	Perovskia atriplicifolia 'Blue Spire'	Bushy :3 brks :C	0.7Ctr	
320 No.	RFDH	Rosa 'Fru Dagmar Hastrup'	Bushy :3 brks :C	0.7Ctr	
185 No.	VbD	Viburnum bodnantense 'Dawn'	Branched :4 brks :C	0.7Ctr	
Total :922 No.					

Mix E					
Number	Abbreviation	Species	Specification	Density	Weight
303 No.	ACHMO	Achillea 'Moonshine'	C	0.4Ctr	
446 No.	ANB	Aster novi-belgii	C	0.4Ctr	
84 No.	CALACKF	Calamagrostis acutiflora 'Karl Foerster'	C	0.4Ctr	
229 No.	GERBLUA	Geranium 'Johnson's Blue'	C	0.4Ctr	
84 No.	PHOSU	Phormium 'Sundowner'	7 leaves :C	0.4Ctr	
377 No.	SEDBRIA	Sedum spectabile 'Brilliant'	C	0.4Ctr	
Total :1523 No.					

Native hedge				
Number	Abbreviation	Species	Specification	Density
30 No.	CLEVI	Clematis vitalba	Several Shoots :2 brks :C	0.3Ctr Double Staggered at 0.25m offset
189 No.	Cav	Corylus avellana	1+1 or 1/1 :Branched :2 brks :B	0.3Ctr Double Staggered at 0.25m offset
189 No.	Cmo	Crataegus monogyna	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset
48 No.	EUON	Euonymus europaeus	1+2 :Branched :5 brks :B	0.3Ctr Double Staggered at 0.25m offset
142 No.	Ia	Ilex aquifolium	C: Leader and laterals	0.3Ctr Double Staggered at 0.25m offset
48 No.	LIGVU	Ligustrum vulgare	1+1 or 1/1 :Branched :3 brks :B	0.3Ctr Double Staggered at 0.25m offset
67 No.	PRUSP	Prunus spinosa	1+1 or 1/1 :Branched :2 brks :B	0.3Ctr Double Staggered at 0.25m offset
48 No.	Rca	Rosa canina	1+1 or 1/1 :Branched :3 brks :B	0.3Ctr Double Staggered at 0.25m offset
48 No.	SAMNI	Sambucus nigra	1+1 or 1/1 :Branched :3 brks :B	0.3Ctr Double Staggered at 0.25m offset
95 No.	Sau	Sorbus aucuparia	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset
48 No.	VIBLA	Viburnum lanata	1+2 or 1/2 :Branched :3 brks :B	0.3Ctr Double Staggered at 0.25m offset
Total :952 No.				



Outline implementation specification

Ground Preparation:
Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 8601:2013 Specification for subsoil and requirements for use - Multipurpose subsoil to make up any deficiency in on-site subsoil.
Spread and level to depth of:
200mm for planting areas
200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil.
Spread and level to depth of:
300mm for planting areas
100mm for grass areas

Excavate planting pits to the following dimensions:
Feathered Trees: 500 x 500 x 500mm depth
Selected Standard Trees: 1000 x 1000 x 500mm depth
Heavy/Extra Heavy Standard Trees: 1200 x 1200 x 700mm depth
Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m³/20m².

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting. Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

Grass Areas:
Supply and spread pre-seeding N:P:K fertiliser (10:15:10) at a rate of 30g/m².
Grass areas to be sown at a rate of 35g/m² with a suitable grass seed mix such as Germinal A19. Initial grass cutting and edge trimming down to 50mm

Species rich grass (dry areas)
Species Rich Grass to be sown with a suitable seed mixture such as Emorsgate Seeds EMI General Purpose Meadow mixture (20% wildflowers and 80% grasses), sown at a rate of 4g/m².

Planting Areas:
Plant specification to be in accordance with the HTA National Plant Specification: 03/02

Tree planting to be in accordance with BS 8545:2014 - Trees from nursery to independence in the landscape recommendations.

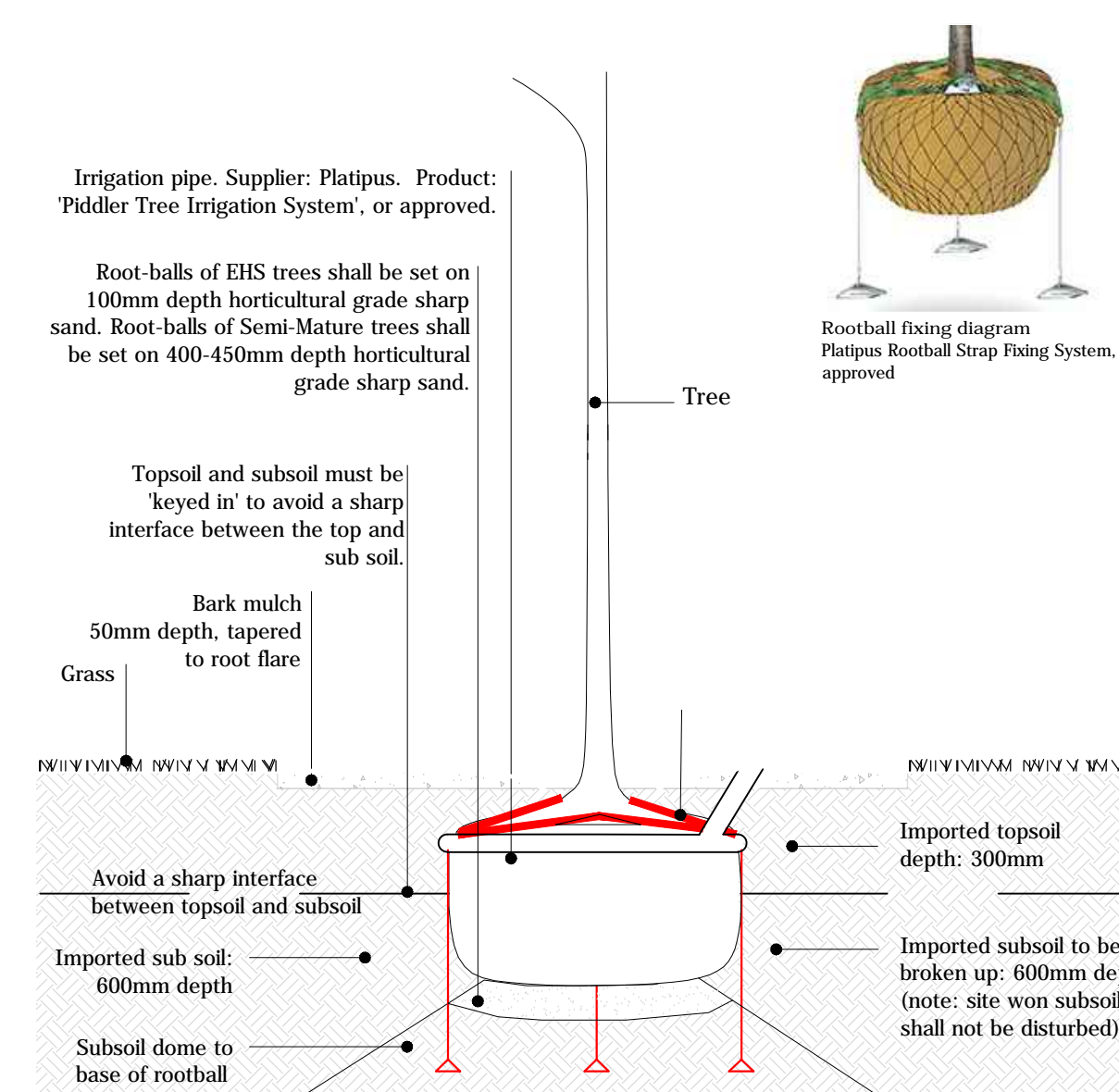
Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:
Feathered Trees: 100g / tree pit
Selected Standard Trees: 100g / tree pit
Heavy/Extra Heavy Standard Trees: 130g / tree pit
Shrubs: 70g / m²

Provide and fix tree stakes and ties to the following dimensions:
Feathered Trees: overall length 1250mm; height above ground: 600mm
Selected Standard Trees: overall length 1500; height above ground: 750mm
Heavy/Extra Heavy Standard Trees: overall length 1500; height above ground: 750mm

Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

Maintenance:
All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties.

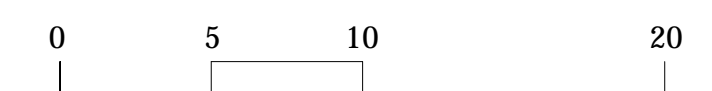
General Notes:
Substitutions, if made, should be similar in size, form and water demand.
Plants shall be arranged to avoid straight lines and geometric patterns.



Notes:
Site won and imported soil used for planting shall be in accordance with the British Standards, BS 8601:2013 (subsoil) and BS 3882:2015 (topsoil). All samples shall be tested prior to importing and reported to the LPA demonstrating fitness for purpose.

Root-ball wrapping should be completely removed and wire cut back to 1/3rd of root ball height to ensure that there is no restrictions to the tree roots. All biodegradable wrappings and cages shall be removed except where root ball collapse is a concern, in which case cut and peel back to one third root ball height.

Percolation tests should be undertaken to show pits are able to drain. If pits aren't draining, provision for drainage must be made in consultation with a drainage engineer.



Scale 1:250 @ A1

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LA 100 to LA 105.dwg

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