Planting Schedule

Trees

Qty	Latin Name	Common Name	Height	Form	Root Condition	Minimum Clear Stem	Girth
15	Acer campestre	Field maple	400-450cm	Extra Heavy Standard	RB	Min. 200cm	14-16cm
16	Alnus glutinosa	Alder	---	Extra Heavy Standard	RB	Min. 200cm	---
22	Amelanchier arborea 'Robin Hill'	Amelanchier	425--600cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
13	Amelanchier lamarckii	Snowy Mespilus	300-350cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
5	Betula pendula 8-10cm	Silver birch	250-300cm	Standard	RB	Min.200cm	8-10cm
14	Betula pendula 14-16cm	Silver birch	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
28	Betula utilis jacquemontii	West Himalayan birch	350-425cm	Heavy Standard	RB	Min.200cm	12-14cm
16	Betula utilis jacquemontii Multistem	West Himalayan birch	250-300cm	Multistem	C		
3	Carpinus betulus 'Frans Fontaine'	Hornbeam 'Frans Fontaine'	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
1	Carpinus betulus (standard)	Hornbeam	250-300cm	Standard	RB	Min.200cm	8-10cm
3	Carpinus betulus 14-16cm	Hornbeam	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
1	Crataegus monogyna 'Stricta'	Hawthorn 'Stricta'	350-400cm	Heavy Standard	RB	200cm	12-14cm
4	Fagus sylvatica 14-16cm	Common beech	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
11	Magnolia 'Heaven Scent'	Magnolia 'Heaven Scent'	350-400cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
10	Magnolia x brooklynensis 'Yellow Bird'	Yellow Bird Magnolia	350-400cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
6	Magnolia x loebneri 'Leonard Messel'	Leonard Messel Magnolia	350-400cm	Extra Heavy Standard	RB		14-16cm
5	Malus 'Golden Hornet'	Crab Apple 'Golden Hornet'	400-450cm	Heavy Standard	RB	Min.200cm	14-16cm
18	Pinus sylvestris	Scots pine	250-300cm		RB		
5	Prunus serrula	Paperbark Cherry	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
5	Prunus serrulata 'Amanogawa'	Cherry	350-425cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
21	Pyrus calleryana 'Chanticleer'	Callery pear 'Chanticleer'	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm
3	Quercus robur 8-10cm	Common, English oak	250-300cm	Standard	RB	Min.200cm	8-10cm
1	Quercus robur 12-14cm	Common, English oak	350-425cm	Heavy Standard	RB	Min.200cm	12-14cm
28	Sorbus aucuparia 8-10cm	Mountain ash or Rowan	250-300cm	Standard	RB	Min 175-200cm	8-10cm
7	Tilia cordata	Small-leaved lime	400-450cm	Extra Heavy Standard	RB	Min.200cm	14-16cm

Native Mixed Hedgerows

Qty	Latin Name	Common Name	Height	Form	Root Condition		
372	Acer campestre	Field maple	60-80cm	Whip	BR		
123	Cornus sanguinea	Common dogwood	60-80cm	Whip	BR		
372	Corylus avellana	Hazel, Cobnut	60-80cm	Whip	BR		
620	Crataegus monogyna	Common hawthorn	60-80cm	Whip	BR		
123	Euonymus europaeus	Spindle	60-80cm	Whip	BR		
123	Ilex aquifolium	Holly	30-40cm	Bushy	C 3L		
496	Prunus spinosa	Blackthorn	60-80cm	Whip	BR		
123	Rosa canina	Dog rose	60-80cm	Whip	BR		
123	Viburnum opulus	Guelder rose	60-80cm	Whip	BR		

Single-Species Ornamental Hedgerows

Qty	Latin Name	Common Name	Height	Form	Root Condition	Scheduled Size	
560	Carpinus betulus	Hornbeam	125-150cm	Feathered	BR	7.5-10L	
329	Ligustrum ovalifolium	Oval-leaf Privet	60-80cm		C	10L	
123	Ligustrum vulgare	Common privet	60-80cm	Whip	BR		
612	Lonicera nitida 10L	Honeysuckle	40-60cm (D)		C	10L	
1398	Lonicera nitida 'Maigreen' 5L	Honeysuckle	40-60cm (D)		C	5L	
90	Prunus laurocerasus 'Otto Luyken'	Cherry laurel var.	60-80cm		C	10L	
210	Viburnum tinus 'Eve Price'	Laurustinus 'Eve Price'	40-60cm	Bushy	C	10L	

Shrubs and Herbaceous Perennials

Qty	Latin Name	Common Name	Height	Scheduled Size	Rate/Spacing		
107	Agapanthus 'White Umbrella'	African Lily	20-30cm	1.5-2L	5 Plants/sq m		
114	Ajuga reptans 'Catlin's Giant'	Bugle 'Catlin's Giant'	20-30cm	2-3L	5 Plants/sq m		
42	Bergenia cordifolia	Elephant's Ears	20-30cm	2-3L	3 Plants/sq m		
243	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	20-30cm	2-3L	5 Plants/sq m		
264	Choisya ternata	Mexican orange blossom	40-60cm	5-7.5L	4 Plants/sq m		
153	Choisya ternata 'Sundance'	Mexican orange blossom	40-60cm	7L	3 Plants/sq m		
132	Choisya x dewitteana 'Aztec Pearl'	Mexican orange blossom 'Aztec Pearl'	40-60cm	7.5L	3 Plants/sq m		
38	Cistus x dansereauu 'Decumbens'	Rock Rose 'Decumbens'	30-40cm	5L	4 Plants/sq m		
172	Cistus x laxus 'Snow White'	Rock rose 'Snow White'	40-60cm	---	---		
470	Cornus alba 'Sibirica'	Siberian dogwood	60-80cm	5L	---		
38	Cornus sanguinea	Common dogwood	60-80cm		3 Plants/sq m		
351	Cornus stolonifera 'Flaviramea'	Yellow-stemmed Dogwood	60-80cm	3L	3 Plants/sq m		
423	Corylus avellana	Hazel, Cobnut	60-80cm		1 Plants/sq m		
246	Cotinus coggygria 'Royal Purple'	Smoke tree	40-60cm	7.5L	3 Plants/sq m		
702	Crataegus monogyna	Common hawthorn	210-270cm		1 Plants/sq m		
328	Cytisus x praecox 'Allgold'		40-60cm	3L	5 Plants/sq m		
351	Escallonia 'Apple Blossom'		40-60cm	3L	5 Plants/sq m		
564	Euonymus europaeus	Spindle	60-80cm		1 Plants/sq m		
168	Euonymus japonicus 'Bravo' 10L	Spindle 'Bravo'	30-40cm (D)	10L	3 Plants/sq m		
153	Euonymus japonicus 'President Gauthier' 5-7	Spindle 'President Gauthier'	30-40cm (D)	5-7.5L	3 Plants/sq m		
246	Fatsia japonica	Japanese aralia	40-60cm	7.5L	3 Plants/sq m		
282	Frangula alnus	Alder Buckthorn	60-80cm		1 Plants/sq m		
129	Geranium macrorrhizum	Cranesbill	20-30cm	2-3L	5 Plants/sq m		
9	Hebe 'Autumn Glory'	Hebe 'Autumn Glory'	20-30cm	5L	2 Plants/sq m		
304	Hebe 'Mette'		20-30cm	5L	4 Plants/sq m		
188	Hebe 'Midsummer Beauty'	Shrubby Veronica 'Midsummer Beauty'	30-40cm	5L	3 Plants/sq m		
449	Hebe rakaiensis	Hebe rakaiensis	40-60cm	5L	---		
41	Hedera helix 'Erecta'	Ivy 'Erecta'	20-30cm	2-3L	3 Plants/sq m		
153	Hypericum 'Hidcote' 5-7.5L	St John's Wort 'Hidcote'	40-60cm	5-7.5L	3 Plants/sq m		
141	Ilex aquifolium	Holly	40-60cm		1 Plants/sq m		
69	Libertia peregrinans 'Gold Leaf'	Wandering Chilean iris 'Gold Leaf'	30-40cm	2-3L	4 Plants/sq m		
16	Ligustrum vulgare	Common privet	60-80cm		2 Plants/sq m		
41	Liriope muscari	Big blue lilyturf, Turf Lily	20-30cm	2-3L	3 Plants/sq m		
209	Miscanthus sinensis 'Gracillimus'	Maiden grass		3-4L	4 Plants/sq m		
25	Miscanthus sinensis 'Zebrinus'	Maiden grass		3-4L	3 Plants/sq m		
246	Phormium tenax 'Purpureum'	New Zealand Flax	40-60cm	5L	3 Plants/sq m		
209	Phormium 'Yellow Wave'	Phormium 'Yellow Wave'	Height at Purchase	Minimum Size Range of Conta	4 Plants/sq m		
27	Photinia x fraseri 'Little Red Robin'	Christmas berry 'Little Red Robin'	40-60cm	5L	3 Plants/sq m		
168	Prunus laurocerasus 'Otto Luyken'	Cherry laurel var.	40-60cm	5L	3 Plants/sq m		
282	Prunus spinosa	Blackthorn	60-80cm		1 Plants/sq m		
423	Rosa canina	Dog rose	60-80cm		1 Plants/sq m		
103	Rosmarinus officinalis	Rosmary	40-60cm	5L	3 Plants/sq m		
38	Sarcococca humilis	Dwarf Sweet Box	25-30cm	5L	4 Plants/sq m		
75	Skimmia japonica 'Rubella'		30-40cm	5L	---		
351	Viburnum tinus	Laurustinus	40-60cm	7.5L	3 Plants/sq m		
168	Viburnum x davidii 5-7.5L	David viburnum	40-60cm	5-7.5L	3 Plants/sq m		

Bulbs

Qty	Latin Name	Common Name	Height	Scheduled Size	Rate/Spacing
2134	Crocus vernus	Crocus			10 Plants/sq m
2134	Eranthis hyemalis	Winter Aconite			10 Plants/sq m
2134	Galanthus nivalis	Common snowdrop			10 Plants/sq m
1068	Narcissus pseudonarcissus	Daffodil			5 Plants/sq m

1. All drawing dimensions to be checked and verified prior to construction.
2. Drawings are design intent and for Planning purposes only
3. Drawings to be checked and verified by the project Architect, Engineer, M&E Engineer, Lighting consultant.
4. Specification/depth/location of root barriers are subject to the project engineer's final design.
5. All services and drainage easements are to be checked and verified by the project engineers.
6. The landscape contractors shall make themselves aware of all service locations, health and safety and risk assessments prior to commencing planting operations.
7. It is the responsibility of the project engineer to design foundations to accommodate all proposed and existing tree and shrub planting, with reference made to NHBC Standards, Parts 4.2, 2014 (Building near Trees.)
8. All planting work to be carried out in accordance with BS4428 1989 'Code of Practice for General Landscape Operations'.
9. All levels to be checked and verified by the project engineers prior to construction.
10. All works in and around existing retained trees are subject to an Arboricultural Method Statement.
11. All steps, structures, paving and fencing are by others unless otherwise noted.
12. For setting out see the project engineer's drawings.

LANDSCAPE SPECIFICATION

Outline Implementation & Maintenance Guidelines

Topsoil

Identification of topsoil and subsoil resources on site will be required to inform the detailed design of tree and planting beds, including the appropriate depth of soil horizons and the requirement for amelioration of the growing medium, prior to planting. If modifications to the soil are necessary, soil ameliorants will be used sparingly. The backfill medium used should be as close as possible in texture and structure to the soil excavated from the tree pit. Ideally the dug soil from the excavated pit should be used as the backfill medium and as far as practicable, replicate the horizons within the original soil profile. Site won topsoil that has been stored in temporary stock piles will be re-tested prior to use. Where site won topsoil is not available, imported topsoil will be used. Topsoil for tree pits and planting beds shall be imported from an approved site, be in accordance with BS3882:2007 and be classified as premium grade. Topsoil shall, under no circumstances become contaminated by other materials e.g hardcore. Minimum topsoil depths generally: tree 1200mm depth, shrub areas 450mm depth and grass areas 150mm depth.

Existing Tree & Hedgerows

All trees and hedges which are shown for retention should be inspected for safety by a qualified member of the Arboricultural Association and subject to BS 5837 2012 'Trees in Relation to Construction'. They should be protected during all phases of construction with temporary fencing in accordance with BS 5837 2012 and must comply with all applicable planning conditions. Any tree surgery required shall also be in accordance with BS 3998 2010. The landscape contractor shall make the Contract Administer (CA) aware of any notifiable weeds on site.

Tree Planting

All plant material to be in accordance with BS8545:2014. Any stock planted outside the recognised planting season to be containerised. Containerised plant stock will have a fully developed root system within the specified pot size. Where growing-on in the nursery is necessary all plant material is to be re-potted to the next approved pot size, re-spaced to allow for 15-20% growth per growing season, and maintained to healthy vigorous growth irrespective of weather conditions

Root barriers to be installed as necessary in lnie with manufacturer's and engineer's recommendations.

Trees to be planted into prepared tree pits, backfilled with topsoil/soil ameliorants as specified. During the preparation of the tree pit, the soil is disturbed, but the base of the tree pit should remain undisturbed unless there are specific problems such as poor drainage, soil smearing or pans resulting from pit construction which require rectification. At the time of planting, the tree pit diameter is to be 500mm greater than the root ball, wide enough to accommodate roots when fully spread. The natural thickening between the trunk and the root collar (the root flare) shall be at the finished top surface of the planting medium and should not be buried by excess soil or mulch.

Trees shall have a 1000mm diameter circle around the base of the trunk to be maintained free from grass and spread with 75mm medium grade mulch (5-75mm particle size and of British origin, FSC certified). Mulch is not to be placed against the stem of the tree. All trees are to be watered-in when planted with a minimum 54L, and then when required within the Maintenance Period to ensure survival.

Bareroot trees up to 12-14cm girth are to be single staked - stakes well driven into the ground minimum 300mm into bottom of tree pit, outside of the root ball. Stakes to be pressure treated, round (75cms diameter) peeled, smooth larch or similar. Trees to be secured with plastic/rubber proprietary tree tie, nailed to the stake. All rootballed trees and bareroot trees 14-16mm girth or larger shall be double staked, 2no.100mm diameter stakes required. All stakes to be pointed at one end, extending above ground by 1/3 of the height of the ground to 1st branch.

Shrub / Hedge Planting / Climber Planting

All plant material to be in accordance with BS 3936 Part 1 (1992), 'Nursery Stock Specification for Trees and Shrubs', BS3936 Part 10: 1990 'Nursery Stock Specification for Ground-cover Plants', and 'Handling and Establishing Landscape Plants' HTA 1985, revised edition March 2002. Any stock planted outside the recognised planting season to be containerised. Containerised plant stock to have fully developed root system within the specified pot size. Where growing-on in the nursery is necessary all plant material is to be re-potted to the next approved pot size, re-spaced to allow for 15-20% growth per growing season, and maintained to healthy vigorous growth irrespective of weather conditions. All planting areas to be weed free prior to planting. Allow for an application of an approved translocated systemic herbicide in line with 1997 Control of Pesticide Regulations and 2003 COSHH. All beds to be thoroughly forked over or rotovated to a minimum depth of 400mm, ensuring that the subgrade and topsoil are both free draining. All planting beds are to be 90mm below adjacent grass/hard surfaces.

Shrubs to be planted in groups of single species in groups of 3, 5 and 7, with larger species placed at the back of the planting bed, and smaller species to the front. Shrubs to be planted in pits 150mm wider and deeper than their root spread and backfilled with a mixture of topsoil/soil ameliorants as specified earlier. Climbers are to be planted a minimum 300mm from the base of a wall and trained back to support wires along 2no canes approx 900mm long, firmly lodged in ground either side of plant. Plants to be a minimum of 300mm from any adjacent hard surface. All stock to be well watered when planted with 20L of water per m2. Following planting and watering operations, all beds are to be mulched with 75mm of mulch (5-75mm particle size, British origin, FSC certified).

Bare root native species hedgerow planting to be planted in a double staggered row (DSR), protected by rabbit proof guards with the base pushed flush to ground level, and held in place with a cane. Ornamental hedgerow planting to be planted in a single row.

Grassland / Turf

Where the ground has become disturbed through construction operations, the specified grassland mix will be used. A minimum of 100mm depth topsoil for grassed areas is to be prepared to a fine tilth, all stones over 50mm removed, and firmed to achieve a level surface. Soil levels to be 10mm below or flush with adjacent surfaces. Seed mixes to be sown at manufacturers specification. Water all grass areas to maintain healthy growth. Turf to conform to BS3969 1998 'Recommendations for Turf for General Purpose' from an approved source. Turf to be a high quality, purpose grown turf. An establishment cut of all grassland areas should be undertaken when the grass is 50mm high. Remove any debris, litter and stones and cut the grass to between 25-30mm. Remove all arisings. Where existing grassland is undisturbed, the existing grassland will be retained and brought into the relevant maintenance regime.

Bulb Planting

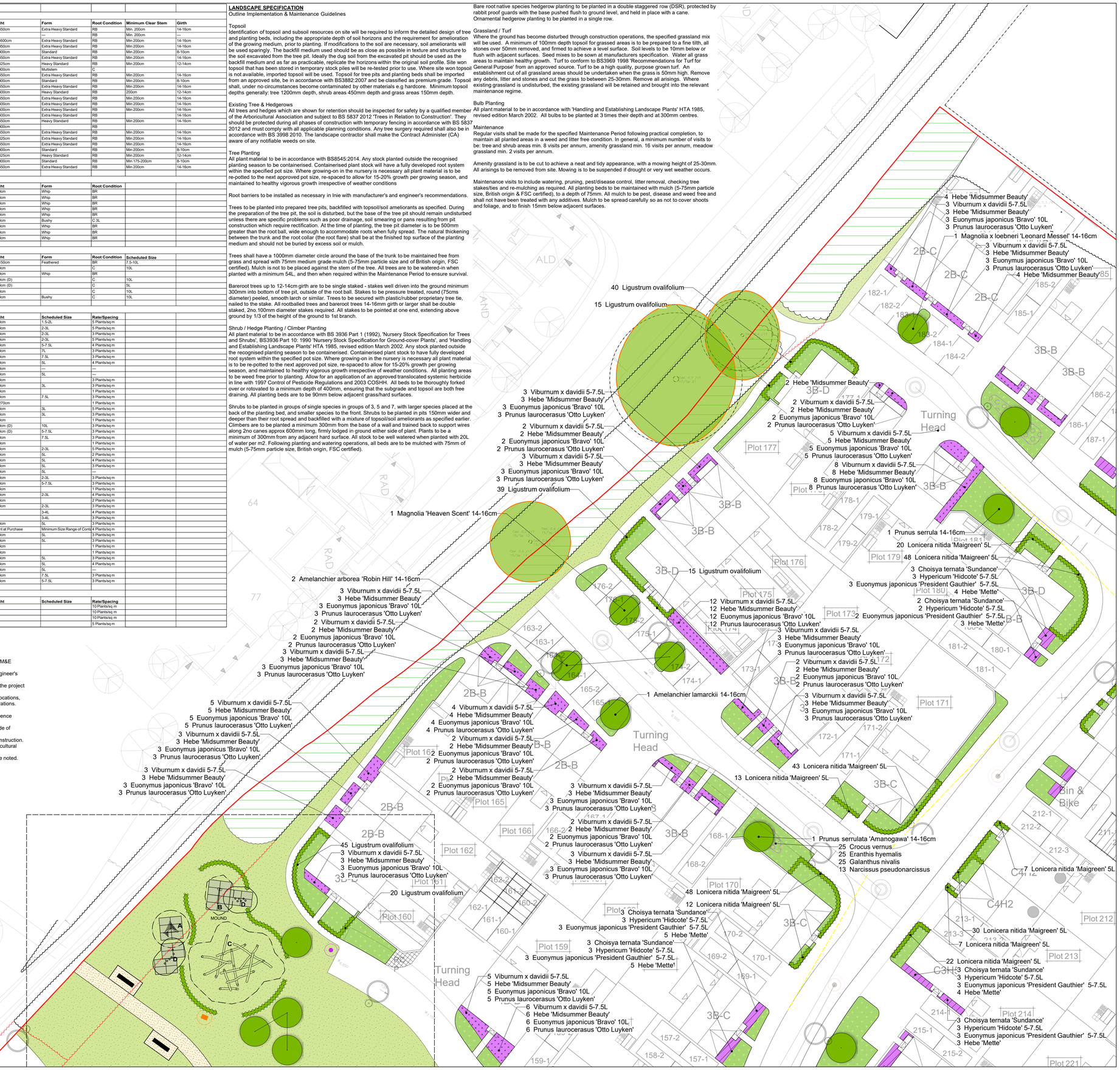
All plant material to be in accordance with 'Handling and Establishing Landscape Plants' HTA 1985, revised edition March 2002. All bulbs to be planted at 3 times their depth and at 300mm centres.

Maintenance

Regular visits shall be made for the specified Maintenance Period following practical completion, to maintain all planted areas in a weed and litter free condition. In general, a minimum number of visits to be: tree and shrub areas min. 8 visits per annum, amenity grassland min. 16 visits per annum, meadow grassland min. 2 visits per annum.

Amenity grassland is to be cut to achieve a neat and tidy appearance, with a mowing height of 25-30mm. All arisings to be removed from site. Mowing is to be suspended if drought or very wet weather occurs.

Maintenance visits to include watering, pruning, pest/disease control, litter removal, checking tree stakes/ties and re-mulching as required. All planting beds to be maintained with mulch (5-75mm particle size, British origin & FSC certified), to a depth of 75mm. All mulch to be pest, disease and weed free and shall not have been treated with any additives. Mulch to be spread carefully so as not to cover shoots and foliage, and to finish 15mm below adjacent surfaces.



NOTES

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KEY

- Site Boundary
- Visibility Splays

EXISTING LANDSCAPE FRAMEWORK

- Existing Trees Retained & Protected (Subject to Arboricultural Assessment)
- Existing Hedgerows Retained & Protected (Subject to Arboricultural Assessment)
- Existing Trees to be Removed (Subject to Arboricultural Assessment)
- Existing TPO Trees (See Arboricultural Assessment for details)

PROPOSED PLANTING CHARACTER AREAS

Drove Park Ornamental Planting Mixes

- Main Street
- Secondary Street
- Lanes

Loveys Field Ornamental Planting Mixes

- Secondary Street
- Lanes

Bilsham Street Ornamental Planting Mixes

- Main Street
- Lanes
- Proposed Tree Planting
- Native Shrub Mix
- Native Mixed Hedgerow
- Single Species Ornamental Hedgerow
- Ornamental Structural Shrub Mix (Open Space)
- Play Area Shrub Mix
- Turf
 Rolawn Medallion Turf (or similar approved)
- Amenity Grassland
 Emorsgate EL1 - Flowering Lawn Mixture (or similar approved)
- Meadow Grassland
 Emorsgate EM3 - Special General Purpose Meadow Mixture (or similar approved)
- Wet Meadow Grassland
 Emorsgate EM8 - Meadow Mixture for Wetlands (or similar approved)
- Bulb Planting

PROPOSED HARD LANDSCAPE MATERIALS
(See Drawing 7905-L-011 for Details)

- Hoggin Footpaths through Open Space
- Timber Benches
- Curved Benches
- Welcome Sign
- Information Boards
- Litter Bins

To be read in conjunction with OSP Boundary Material Layout plan, ref 19284 P104.

rev	date	description	drn / chkd
B	17/11/2020	Amended as per revised layout & boundary materials	JES/LP
A	09/11/2020	Amended as per revised layout & drainage proposals	JES/LP
-	19.10.2020	DRAFT	JES/LP

masterplanning
environmental assessment
landscape design
urban design
ecology
architecture
arboriculture

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client
Hyde Housing

project
Land at Bilsham Road,
Yapton, West Sussex

drawing title
Landscape Proposals - Sheet 1

scale	drawn / checked	revision date
1:250 @ A1	JES / LP	17 November 2020

drawing number
7905-L-101

rev
B

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