



TO BE READ IN CONJUNCTION WITH A318D-PP01 & PP03

Plant Schedule - Planting Plans PP01, PP02 & PP03

Trees

Number	Species	Grth	Height	Specification
1	Acer campestre 'William Caldwell'	14-16cm	4.0-5.5m	RB
3	Acer griseum	60-80cm	BR	Transplant
95	Alnus glutinosa	225-600cm	Extra Heavy Standard	3x RB; Clear Stem min. 200cm
3	Alnus glutinosa 'Laciniata'	200-250cm	Large Feathered	3x RB
6	Betula nigra	18-20cm	450-500cm	Large Feathered; 3x RB
11	Betula pendula	10-12cm	1.8-2.0m	Feather; RB
3	Corylus avellana	14-16cm	1.8-2.0m	RB
14	Cotoneaster monogyna	80-100cm	Bushy	RB; Transplant; 3x
139	Fagus sylvatica	18-20cm	500-550cm	Semi-Mature; 3x RB; Clear Stem min. 200cm
2	Liquidambar styraciflua	16-18cm	450-500cm	Semi-Mature; 3x RB; Clear Stem 175-200
4	Quercus robur	14-16cm	400-450cm	Extra Heavy Standard; 5 brks; 3x RB; Clear Stem 175-200cm
95	Salix caprea	60-80cm	BR	Transplant; 3 Stems
95	Salix viminalis	18-20cm	450-500cm	Transplant; BR
4	Sortus aucuparia 'Sheerwater Seedling'	18-20cm	450-500cm	Extra Heavy Standard; 3x RB; Clear Stem min. 200cm
7	Tilia cordata	18-20cm	5.0-5.5m	RB

Shrubs

Number	Species	Pot Size	Height	Diameter	Density	Specification
96	Amelanchier lamarckii	3L	40-60cm		0.5Ctr	Bushy; 4 brks; C; Plant as hedge
19	Brachyglottis 'Sunshine'	3L	30-40cm		4m ²	Bushy; 4 brks; C
89	Choisya 'Aztec Pearl'	3L	30-40cm		2m ²	Bushy; 5 brks; C
17	Cornus alba 'Kesselringii'	3L	40-60cm		2m ²	Branches; 4 brks; C; Open Space Planting
36	Cornus alba 'Kesselringii'	3L	40-60cm		1.2Ctr	Branches; 3 brks; C
68	Cornus alba 'Sibirica'	3L	40-60cm		2m ²	Branches; 3 brks; C; Open Space Planting
36	Cornus alba 'Sibirica'	3L	40-60cm		1.2Ctr	Branches; 3 brks; C; Open Space Planting
136	Cornus stolonifera 'Flaviramea'	5L	60-80cm		1m ²	3/4 brks; BR; Branches
328	Elaeagnus x ebbingei	5L	40-60cm		0.4Ctr	Branches; 4 brks; C; Plant as hedge
72	Escallonia 'Red Hedger'	5L	40-60cm		0.5Ctr	Bushy; 4 brks; C; Plant as hedge
6	Garrya elliptica 'James Roof'	5L	40-60cm		2m ²	Bushy; 5 brks; C
25	Hebe 'Marjorie'	3L	30-40cm		3m ²	Bushy; 5 brks; C
126	Hebe 'White Gem'	3L	30-40cm		3m ²	Bushy; 5 brks; C
64	Hebe pinguiifolia 'Sutherlandii'	5L	20-30cm		3m ²	Bushy; 7 brks; C
19	Hebe rakaiensis	10L	20-30cm		2m ²	Bushy; 7 brks; C
51	Hydrangea arborescens 'Annabelle'	3L	40-60cm		1m ²	Bushy; 7 brks; C
282	Hypericum x moserianum	3L	30-40cm		1m ²	Bushy; 7 brks; C
22	Lavandula angustifolia	5L	20-30cm		5m ²	Bushy; 5 brks; C
190	Ligustrum ovalifolium	80-100cm	0.8Ctr Double Staggered at 0.4m offset	0/2; Cutting; Branched; 5 brks; B	4m ²	Bushy; 8 brks; C
3	Mahonia x media 'Charley'	3L	30-40cm		3m ²	Bushy; 2 brks; C; Bushy; 5/7 brks
7	Pachysandra terminalis	3L	40-60cm		7m ²	Several Shoots; 9 brks; C
201	Prunus laurocerasus 'Otto Luyken'	5L	40-60cm		0.4Ctr	Bushy; 5 brks; C; Plant as hedge
28	Prunus lusitanica	3L	40-60cm		0.5Ctr	Bushy; 5 brks; C; Plant as hedge
50	Ribes nigrum	3L	30-40cm		2m ²	Branches; 3 brks; C
74	Rosmarinus officinalis	3L	40-60cm		3m ²	Bushy; 5 brks; C
50	Rubus idaeus	3L	30-40cm		2m ²	Branches; 3 brks; C
47	Sambucus nigra	2L	30-40cm		2m ²	Bushy; 4 brks; C
94	Viburnum acerifolium	5L	40-60cm		3m ²	Bushy; 3/5 brks; C
7	Viburnum tinus 'Eve Price'	5L	40-60cm		3m ²	Bushy; 3/5 brks; C

Conifers

Number	Species	Height	Specification
9	Pinus sylvestris	100-125cm	Leader & laterals

Ferns

Number	Species	Pot Size	Density
69	Asplenium scolopendrium	3L	4m ²
26	Dryopteris wallichiana	3L	4m ²

Native Mix 1 - planted in groups of 5-7 of same species

Number	% Mix	Species	Height	Density	Specification
190	10%	Cornus sanguinea	60-80cm	1.2Ctr	tp; Branched; BR
190	10%	Corylus avellana	60-80cm	1.2Ctr	1+2; tp; Branched; 3 brks; B
470	25%	Cotoneaster monogyna	60-80cm	1.2Ctr	tp
97	5%	Euonymus europaeus	60-80cm	1.2Ctr	tp
190	10%	Ilex aquifolium	60-80cm	1.2Ctr	cg
190	10%	Ligustrum vulgare	60-80cm	1.2Ctr	tp
190	10%	Prunus spinosa	60-80cm	1.2Ctr	tp
97	5%	Rosa canina	60-80cm	1.2Ctr	tp
97	5%	Sambucus nigra	60-80cm	1.2Ctr	tp; Branched
190	10%	Viburnum opulus	60-80cm	1.2Ctr	tp
Total: 100%					

Native Hedgerow Mix - planted in groups of 5-7 of same species

Number	% Mix	Species	Height	Density	Specification
182	15%	Corylus avellana	60-80cm	0.8Ctr Double Staggered at 0.4m offset	0/2; Cutting; Branched; 3 brks; B
96	30%	Cotoneaster monogyna	60-80cm	0.8Ctr Double Staggered at 0.4m offset	1+1; Transplant - seed raised; B
122	10%	Ilex aquifolium	40-60cm	0.8Ctr Double Staggered at 0.4m offset	Leader with Laterals; C
122	10%	Ligustrum vulgare	80-100cm	0.8Ctr Double Staggered at 0.4m offset	0/2; Cutting; Branched; 3 brks; B
62	5%	Lonicera periclymenum	40-60cm	0.8Ctr Double Staggered at 0.4m offset	
361	30%	Prunus spinosa	60-80cm	0.8Ctr Double Staggered at 0.4m offset	1+1; Transplant - seed raised; Branched; 2 brks; B
Total: 100%					

Herbaceous

Number	Species	Pot Size	Density
78	Bergenia 'Bressingham White'	5L	5m ²
67	Echinacea purpurea	3L	5m ²
80	Geranium 'Johnson's Blue'	5L	5m ²
165	Geranium Rozanne	3L	5m ²
32	Helleborus orientalis	3L	5m ²
96	Heuchera 'Key Lime Pie'	3L	5m ²
46	Heuchera 'Silver Scrolls'	3L	6m ²
6	Heuchera microtheca 'Palace Purple'	3L	6m ²
4	Kniphofia 'Bees Sunset'	3L	4m ²
99	Mentha spicata	2L	4m ²
22	Rudbeckia fulgida deamii	3L	5m ²
17	Salvia officinalis	4m	4m ²
5	Salvia officinalis 'Icterina'	5L	5m ²
38	Salvia officinalis 'Purpurascens'	5L	5m ²
49	Salvia x jamensis 'Hot Lips'	5L	5m ²
27	Thymus 'Hartington Silver'	3L	6m ²
92	Tiarella cordifolia	3L	6m ²
57	Verbena bonariensis	3L	5m ²

Grasses

Number	Species	Pot Size	Density
27	Stipa tenuifolia	3L	3m ²
119	Liriope muscari	5L	7m ²
20	Briza media	3L	5m ²

Bulbs

Number	Species	Bulb Size	Density
69	Allium 'Globemaster'	20+	4m ²
1043	Galanthus nivalis	5/6	20m ²
588	Narcissus 'Tête-à-Tête'	8/10	15m ²
588	Narcissus bulbocodium conspicuus	6/6	15m ²

Climbers

Number	Species	Pot Size	Density	Height	Specification
5	Clematis 'Jackmanii Alba'	3L	Counted	40-60cm	
1	Lonicera periclymenum 'Belgica'	3L	Counted	40-60cm	
6	Jasminum officinale 'Aureum'	2L	Counted	60-80cm	Branched
22	Hedera helix 'Green Ripple'	3L	5m ²	60-80cm	Several Shoots; 3 brks; C
150	Hedera helix 'Sagittifolia'	3L	5m ²	40-60cm	Several Shoots; 3 brks; C

Notes:

Outline Specification for Planting
All materials and installation to be undertaken in line with best horticultural practice and in accordance with guidance set out in British Standards specified relevant to this note and current at time of installation. All work to be carried out by horticultural trained personnel.

All composts, mulches and soil conditioners used in planting should be peat-free. The use of pesticides (herbicides, insecticides, fungicides and slug pellets) should be discouraged to prevent fatal effects on the food chain particularly invertebrates, birds and/or mammals. Any pesticides used should be non-residual.

All plants should be grown and sourced in the UK and should be supplied from a nursery approved in advance by the landscape architect. Any substitutes to be agreed prior to ordering.

Shrub and tree planting be undertaken when site and weather conditions are appropriate to successful establishment of plants and unless otherwise agreed in advance, to be undertaken between the months of 31st October and 31st March.
Turfing to occur in April-May or September-October subject to suitable weather conditions.

Soil additives to be introduced to all planting areas to include soil conditioner and slow release fertilizer to rates as specified by manufacturer.

Hedges to be planted in double staggered rows (unless otherwise specified) along either side of a timber post and 3 wire fence to aid establishment (unless adjacent to alternative boundary treatment).

A 300mm gravel strip to be provided along building facades (not drawn). All plants to be set min 400mm from building/wall facades.

Once planted all areas must be kept adequately watered to ensure establishment and all areas must be kept weed and litter free at all times.

Soil Depths
All topsoil and subsoil used in planting areas to be accordance with British Standard BS3882:2015 and BS8545:2014, using the following recommended depths -
• Tree planting - 75mm mulch layer to 50cm radius from tree center for smaller trees in front gardens and 75cm radius to larger trees in open spaces. Mulch areas are to be kept free of grass during establishment. Trees to be planted in min. 400mm premium grade topsoil layer to upper level and 400mm free draining to lower level.
• Shrub planting - 50mm mulch layer, planted in min. 400mm premium grade topsoil layer.
• Grassed areas - min 200mm general purpose topsoil layer.

Soil analysis of all imported materials to be approved by the landscape architect in advance of purchase and delivery.

Proposed Trees
Growing space for all tree planting should be optimised, using tree pit trenches where possible. Each tree should have access to min. 5m² growing medium, where trenches are possible this should be considerably greater. Back filled with topsoil and subsoil as indicated above.

Trees within open spaces set within other soft landscaping area should have a tree pit 1.3m wide by 0.8m deep. Back filled with topsoil and subsoil as indicated above.

The ground at the base of the tree pit should be broken up if ground is compacted or if there are apparent problems with drainage. Include 100mm of gravel to base of trench to aid free drainage, subject to detail investigation of ground conditions. Where the ground conditions result in the base of the tree pits being compacted or not free draining, pits and trenches will require positive drainage to all trees to establish and thrive.

Project engineer to include low level levels within boundary/garden walls to accommodate trees located next to walls.

Tree Support
All new tree planting to include provision for tree support to assist with the early years of establishment as follows:
All trees to residential area and LAP to be double staked with 2no. 1.5m high, 75mm Ø round treated softwood stakes. Stakes to be secured with adjustable bio-degradable rubber cross bar with spacers, secured approx. 100mm below the top of the stake.
All trees in public open space to be 45° single staked with 1.2m stake, 75mm Ø round, treated softwood stake. Stakes to be secured with adjustable bio-degradable rubber belt with spacers, secured approx. 100mm below the top of the stake.
For orchard tree stakes, refer to Orchard tree note.

Tree Irrigation and Aeration
All tree planting to include a tree irrigation and aeration system eg Green Blue Urban RootRain Civic with 80mm inlet with 60mm watering circuit and vented cap on retainer chain, or similar approved.

Root Barriers
Linear root barriers are to be installed in locations confirmed by the project engineer to protect services/surface treatments as required. Root barriers should be set min. 1.2m from the center of the trunk and set as close to the surface as possible. Linear root barriers, e.g. Green Blue Urban ReRoot 2000 Root barrier or similar approved, should be installed to the manufacturers guidance, using a min. 600mm depth root barrier.
Where root barriers are for the protection of services or below ground attenuation, the root barrier should extend 300mm lower than the invert level of services. For details of services and any specific requirements, refer to engineer's drawings.

Grassed Areas
All grassed areas to be turfed unless otherwise instructed to ensure establishment before occupation. All turfed areas to be turfed with Rolawn Medallion or similar approved, on a suitably prepared bed cleared of all materials exceeding 35mm in any one direction. Soil to receive a pre-planting fertilizer.

Implementation Programme
Planting to be undertaken in the first available planting season following construction of the adjacent building.

Management and Maintenance
Once established all plants to be maintained in accordance with the specification in the accompanying management plan.

Orchard Trees

The following species selection have been biased a specialist local grower and supplier of fruit trees, Bermude Fruit Trees. The company graft specific requests to order from January to early March and new trees are then available for planting in September, therefore orders should be made in advance. Late ordering may mean the stock may not be available for the next planting season, suitable local alternatives from current stock should be confirmed with Bermude Fruit Trees to ensure compatibility with pollination requirements of other specified orchard trees. Any alternatives should be agreed with the project landscape architect ahead of purchase.

Contact:
Bermude Fruit Trees, Kingswood Lane, Ludgershall, Buckinghamshire, HP18 9RB
Telephone: 01844 237415
Email: ask@bermudefruittrees.co.uk

All orchard trees to be grown on root stock with the following specification for each fruit.

Fruit	Rootstock	Approx. eventual tree height and spread
Apple	MM106 half standard (semi-vigorous)	3.0-3.7 x 3m
Pear	Quince 'A' root stock	3.0-3.7 x 3m
Plum	St Julien 'A'	3.0-3.7 x 3m
Nut	MM106 half standard (semi-vigorous)	3.0-3.7 x 3m

Orchard Tree Schedule

No.	Fruit	Species	Notes
2	Apple	Molus 'Edward VII'	Pollination Group 6. Mid-late October fruit - culinary apple.
2	Apple	Molus 'Ronalds' Gooseberry Pippin'	Pollination Group 6. November fruit - dessert apple.
3	Apple	Molus 'Worcester Pearmain'	Pollination Group 4. September fruit - dessert apple.
2	Pear	Molus 'Wyken Pippin'	Self-pollinator. Root stock to suppliers advice 'Quince A/C'.
1	Pear	Pyrus 'Fringford Gold'	Pollination group tbc. Mid October fruit
1	Pear	Pyrus 'Meadfoot Pear'	Pollination group C. September - October fruit
1	Plum	Prunus 'Chinno Plum'	Self-fertile. August fruit.
1	Plum	Prunus 'French Victoria'	Self-fertile.
1	Plum	Prunus 'Shropshire Prune'	Self-fertile. Damson.
3	Nut	Corylus avellana	

Tree care

- Trees should be single vertically staked for their first five years, and longer until the tree is sufficiently self-stable. Tree stake with 1.2m stake, 75mm Ø round, treated softwood stake, secured with adjustable bio-degradable rubber belt with spacers, secured approx. 100mm below the top of the stake.
- Trees should be protected against rabbits and deer using open-mesh guards - 60cm square polypropylene open mesh tree-guard and two nylon adjustable cable ties.
- A 1m circle of clear ground with 50-75mm bark mulch layer around the base of the tree to allow it to establish properly and maintained as a permanent feature.

LEGEND

- Application boundary
- Proposed orchard Tree
- Proposed tree
- Proposed specimen shrub
- Proposed shrub/herbaceous planting
- Proposed hedge
- Proposed native mix hedge planting
- Proposed native woodland/ shrub mix
- Proposed planting to flood attenuation area
- Proposed grassed areas - flowering turf or Emorsgate EW1
- Proposed meadow / wildflower areas - Emorsgate Meadow Mix - EM4
- Proposed wildflower mix to attenuation area - Emorsgate Meadow Mix - EM8
- Mown paths through meadow areas
- Log pile/ hibernacular
- Root deflector location for the protection of paving areas
- Bowtop playground railings with single leaf outward opening gate to match, finished dark green - refer to A318D GA01 for details

Status FOR APPROVAL
ARC LANDSCAPE DESIGN AND PLANNING LTD.

Client
DEANFIELD HOMES LTD

Project
Land off Hook Norton Road, Sibford Ferris

Drawing Title
Planting Proposals Plan - Sheet 2 of 3

Scale
1:200@A1

By/Chk
VR/LP

Date
25/07/23

Drawing Number
A318D PP02

Revision

Rev Description

Date

By/Chk