

INDICATIVE PLANT SCHEDULE - PRIVATE FRONTAGES

TREES

SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)
Pyrus calleryana 'Chanticleer'	EHStd	450/650	18/20
Amelachier lamarchii 'Robin Hill'	EHStd	450/625	16/18
Betula pendula	EHStd	450/625	16/18
Malus tschonoskii	EHStd	450/625	16/18
Pyrus calleryana 'Chanticleer'	EHStd	450/625	16/18
Sorbus aucuparia 'Sheerwater Seedling'	EHStd	450/625	16/18

SPECIMEN SHRUBS

SPECIES	SUPPLY	SIZE(cm)	HABIT
Cercis 'Forest Pansy'	70L	150/175	Bushy
Juniperus 'Sky Rocket'	35L	125/150	Bushy
Magnolia 'Stellata'	25L	100/125	Bushy
Photinia x fraseri 'Red Robin'	70L	175/200	Std

HEDGEROWS

SPECIES	SUPPLY	SIZE(cm)	HABIT
Elaeagnus x ebbingei	10L	80/100	Bushy
Griselina littoralis	10L	80/100	Bushy
Ligustrum ovalifolium	10L	80/100	Bushy
Prunus lusitanica	10L	80/100	Bushy

SHRUBS/HERBACEOUS

SPECIES	SUPPLY	SIZE(cm)	HABIT
Aucuba japonica	10L	40/60	Bushy
Brachyglottis 'Sunshine'	10L	40/60	Bushy
Carex oshimensis 'Evergold''	2L	-	Full Pot
Ceanothus thyrsiflorus repens	10L	60/80	Bushy
Choisya 'Aztec Peart'	10L	40/60	Bushy
Choisya ternata	10L	40/60	Bushy
Choisya ternata 'Sundance'	10L	40/60	Bushy
Cistus 'Silver Pink'	10L	40/60	Bushy
Cornus alba 'Elegantissima'	3L	40/60	Branched
Cornus stolonifera 'Flaviramea'	3L	60/80	Branched
Elaeagnus x ebbingei	10L	80/100	Bushy
Elaeagnus pungens 'Maculata'	10L	40/60	Bushy
Euonymus fortunei 'Emerald Gaiety'	10L	30/40	Bushy
Euonymus fortunei 'Emerald 'n' Gold'	10L	30/40	Bushy
Fatsia japonica	10L	60/80	Bushy
Festuca glauca 'Elijah Blue'	3L	-	Full Pot
Hebe albicans 'Red Edge'	10L	30/40	Bushy
Hebe 'Marjorie'	10L	30/40	Bushy
Hebe 'Mrs Winder'	10L	30/40	Bushy
Hebe 'Purple Queen'	10L	30/40	Bushy
Hebe pinguifolia 'Sutherlandii'	10L	30/40	Bushy
Hebe rakaiensis	10L	30/40	Bushy
Heuchera micrantha 'Keylime Pie'	3L	-	Full Pot
Heuchera micrantha 'Palace Purple'	3L	-	Full Pot
Hypericum 'Hidcote'	10L	40/60	Bushy
Lavandula angustifolia 'Hidcote'	10L	30/40	Bushy
Lavandula angustifolia 'Munstead'	10L	30/40	Bushy
Lonicera nitida 'May Green'	10L	40/60	Bushy
Mahonia aquifolium 'Apollo'	10L	40/60	Bushy
Photinia x fraseri 'Red Robin'	10L	60/80	Bushy
Prunus laurocerasus 'Otto Luyken'	10L	60/80	Bushy
Prunus laurocerasus 'Zabelliana'	10L	60/80	Bushy
Prunus lusitanica	10L	80/100	Bushy
Rosmarinus officinalis	10L	40/60	Bushy
Sarcococca confusa	5L	20/30	Bushy
Skimmia japonica 'Rubella'	10L	40/60	Bushy
Skimmia x confusa 'Kew Green'	10L	40/60	Bushy
Viburnum tinus 'Eve Price'	10L	40/60	Bushy
Viburnum davidii	10L	40/60	Bushy

LARGE SHRUB MIX 1 - to rear garden boundaries

SPECIES	SUPPLY	SIZE(cm)	HABIT
Aucuba japonica	5L	40/60	Bushy
Cornus alba 'Elegantissima'	3L	40/60	Bushy
Elaeagnus pungens 'Maculata'	5L	40/60	Bushy
Fatsia japonica	5L	40/60	Bushy
Photinia fraseri 'Red Robin'	5L	40/60	Bushy
Prunus lusitanica	5L	40/60	Bushy

INDICATIVE PLANT SCHEDULE - TO PUBLIC OPEN SPACES

TREES - to public open spaces

SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)
Acer campestre 'Elsrijk'	EHStd	450/650	18/20
Carpinus betulus 'Lucas'	EHStd	450/650	18/20
Tilia cordata 'Green Spire'	EHStd	450/650	18/20
Betula pendula	MS	350/400	-
Acer campestre	EHStd	425/600	14/16
Alnus glutinosa	EHStd	425/600	14/16
Betula pendula	EHStd	425/600	14/16
Carpinus betulus	EHStd	425/600	14/16
Malus sylvestris	EHStd	425/600	14/16
Prunus avium	EHStd	425/600	14/16
Sorbus aria	EHStd	425/600	14/16
Sorbus aucuparia	EHStd	425/600	14/16
Tilia cordata	EHStd	425/600	14/16

NATIVE MIX HEDGEROW

SPECIES	MIX(%)	SUPPLY	SIZE(cm)
Acer campestre	10	T 1+1	60/80
Cornus sanguinea	5	T 1+1	60/80
Corylus avellana	15	T 1u1	60/80
Crataegus monogyna	45	T 1+1	60/80
Prunus spinosa	20	T 1+1	60/80
Rosa canina	5	T 1+1	60/80

NATIVE SHRUB MIX

SPECIES	MIX(%)	SUPPLY	SIZE(cm)	BREAKS
Acer campestre	10	T 1+1	60/80	3
Cornus sanguinea	10	T 1+1	60/80	3
Corylus avellana	10	T 1+1	60/80	3
Crataegus monogyna	25	T 1+1	60/80	3
Ilex aquifolium	10	2L	60/80	3
Malus sylvestris	5	T 1+1	60/80	3
Prunus spinosa	15	T 1+1	60/80	3
Rosa canina	5	T 1+1	60/80	3
Viburnum opulus	10	T 1+1	60/80	3

NATIVE BULBS

SPECIES	No./m²
Bluebells (33% of area)	
Hyacinthoides non-scripta	25
Daffodils (33% of area)	
Narcissus pseudonarcissus	25
Snowdrops (34% of area)	
Galanthus nivalis	25

MEADOW MIXTURE FOR WETLANDS (EM8)

Meadow Mixture for Wetlands - EM8 as supplied by Emorsgate Seeds or similar approved. Sown at 4g/m2 and implemented as set out below.

SPECIAL GENERAL PURPOSE MEADOW MIXTURE (EM3)

Special general purpose meadow mixture - EM3 as supplied by Emorsgate Seeds or similar approved. Sown at 4g/m2 and implemented as set out below.

AMENITY GRASS - FLOWERING LAWN MIXTURE (EL1)

Flowering Lawn Mixture - EL1 as supplied by Emorsgate Seeds or similar approved. Sown at 4g/m2 and implemented as set out below.

IMPLEMENTATION AND MAINTENANCE GUIDELINES

1.0 GENERAL

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-retaining polymer.

If the formation level is compacted it should be ripped through before topsoiling.
Topsoil depths to be 450mm for shrub beds and 150mm for grass areas.

2.0 ORNAMENTAL SHRUBS AND TREES

2.1 Ground Preparation
Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

Tree pits are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Any feature trees semi-mature in size to be secured with a below ground anchoring system (such as a deadman anchor). Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc.

2.2 Planting
Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well, firmed in.

Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers.

Water in all trees and shrubs at the end of each day of planting.

Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas,ensuring groundcover plants are not buried

2.3 Maintenance
The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

The site is to be visited monthly throughout the year to undertake the following operations.
Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment.
Litter clearance: All litter is to be removed from planting beds.
Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.
Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chafing is occurring. Any broken stakes are to be replaced.
Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

3.0 NATIVE SHRUB PLANTING

3.1. Ground Preparation
The extent of the planting area shall be set out using 38x38x1200mm timber stakes at each change in direction and at a maximum of 50m intervals.

Either - for notch planting
All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks before planting and the ground shall be cultivated to a depth of 150mm.
or - for pit planting
A 900mm diameter circle shall be sprayed out at each planting station using an approved herbicide at least two weeks before planting.

3.2 Planting
All bare rooted stock is to be root dipped in water retaining polymer. Proposed planting is to be planted on an informal grid. To avoid straight lines each planting station can be moved by up to 300mm in any direction.

Either a for shelters or b for rabbit fence
a. All stock to be protected from rabbit damage using approved proprietory tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.
b. All stock to be protected from rabbit damage by 900mm high rabbit fencing erected in accordance with the manufacturers recommendations.

3.3 Maintenance
Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the maintenance period.

Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.

4.0 NATIVE HEDGE PLANTING

4.1 Setting Out
The hedge line shall be set out using 38x38x1200 stakes at maximum 50m intervals and all herbaceous material within 600mm of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting.

4.2Preparation
The 800mm wide hedge line shall be cultivated to 150mm incorporating Enmag or equal at 75gm/m2.

4.3Planting
Plants shall be notch planted in two rows 250mm apart and staggered at 300mm centres.All plants are to be protected with a 600mm proprietary shelter secured with a stake/cane and ties as recommended by the manufacturer.

4.4 Maintenance
Using approved herbicides a 800mm wide swathe centred on the hedgeline shall be kept weed free throughout the maintenance period.

Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these plants during the following planting season.

5.0 GRASS

5.1 Preparation
The area to be seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a fine tilth, incorporating pre-seeding fertiliser at 70 g/m2.

5.2Turf
Turfing operations shall be in accordance with BS 4428.

Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.

5.3 Seeding
Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil. All seed mixes to be specified in accordance with those set out in the approved management plan.

5.4 Initial cut
When newly seeded areas reach 50mm they should be cut back to a height of 30mm and then cut twice annually in early Spring and late Summer. All arisings shall be removed or spread evenly across grassland. Any bare patches shall be made good at this time.

6.0 TOPSOIL

6.1Existing Topsoil
Pre-planting herbicide application:-
Apply by suitable spraying apparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to 1997 Control of Pesticides Regulations and 2003 COSHH regulations on all beds, except those which are both weed free and are to receive agrotextile sheet mulch. Spray immediately if any weeds are present. If none are showing, but there may be a delay before planting, or the area is to be seeded, spray after one month following cultivation, to allow dormant seed to terminate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site.

Carry out the following works to the existing topsoil on site to ensure it Conforms to BS 3882:2015, being free from rocks larger than 50m diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilize with 100g per meter square of Vitax "Nutricote 180" slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 meters in width, fork over thoroughly or machine rotavate soil to a depth of 300mm, ensure that the subgrade and topsoil are completely broken up and free draining, relieving any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm centres to a depth of 500mm, except where there are services, or within 10 metres of tree stems or 3 metres of existing hedges. Do not rip areas where roots greater than 10mm diameter are encountered.

6.2Imported Topsoil
Any imported topsoil for making up ground, shall conform to BS:3882:2015, and be free from rocks lover 50mm diameterl, concrete, roots, wire and brick, and have less 20% clay.

7.0 WILDFLOWER AND GRASSLAND MIX

7.1 Preparation
If required the area to be seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a fine to medium tilth.

7.2 Seeding
Meadow and wildflower seed mixes shall be sown in either August -September or March -April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 4 or 5 g/m2, according to supplier's recommendations. After sowing the contractor shall roll the seed into intimate contact with the soil with a ribbed Cambridge roller.

7.3 First year maintenance
All litter should be removed from areas prior to mowing. The following procedures should not be undertaken:in adverse weather conditions or if ground conditions prevent the use of machinery without damage to the ground surface. Mow regularly throughout the first year of establishment to encourage basal growth and reduce weed competition. All arisings shall be removed or deposited in an area designated by the Contracts Manager. Any bare patches shall be made good at this time.

7.4 Second and subsequent year maintenance
Management of subsequent years comprises a single Autumn cut in September or October to allow plants to set seed. Arisings shall be left for a minimum of 24 hours and a maximum of 7 days before being removed or relocated to an area identified by the Contracts Manager.

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Key

- Site boundary
- Existing public right of way
- Existing trees and hedgerow to be retained
- Proposed feature trees
- Proposed public open space trees
- Proposed street trees
- Proposed rear garden trees
- Proposed native shrub planting
- Proposed native hedgerow planting
- Proposed ornamental hedgerow planting
- Proposed ornamental shrub planting
- National Forest compliant landscape areas:
 Condition requirement: 0.434ha (20% of site area)
 Proposed: 0. 0.462ha
- Proposed native bulb planting
- Proposed wildflower meadow
- Proposed amenity grass area or lawn
- Proposed wetland meadow grassland
- Proposed hoggin footpath
- Proposed mown footpath
- Proposed bench seating
- Proposed play space - 182m2
 (to be detailed at later stage)

DATE	NO	REVISION NOTE
23/08/2024	A	National Forest complaint area added.
22/08/2024	-	First issue.

LANDSCAPE MASTERPLAN

MAIN STREET, STANTON UNDER BARDON

CLIENT
ALLISON HOMES

DATE	SCALE	TEAM	APPRVD
22/08/2024	1:500@A1	AP	AP

DRAWING NUMBER
P24-1430_EN_0001_S1_REV A

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