

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 HFA 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 repped through before topsoiling. Topsoil depths to be 150mm 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 take effect. A general purpose slow release fertiliser at the rate of 75g/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 fertiliser 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.

Stake 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 chaffing is occurring. Any broken stakes are to be replaced.

Excessive 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 a for shelter or a for rabbit fence

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 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 shelter or a for rabbit fence

All stock to be protected from rabbit damage using approved proprietary tree and shrub shelters, 900mm and 400mm high respectively, secured with stakes and ties as advised by the manufacturer.

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 hardware to the adapting 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 400mm of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting.

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

4.3 Planting
Plants shall be notch planted in two rows 250mm apart and staggered at 300mm centres. All plants are to be protected with a 400mm proprietary shelter secured with a stake/tie 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 hardware to the adapting 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 tili, incorporating pre-seeding fertiliser at 70 g/m².

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INDICATIVE PLANT SCHEDULE - PRIVATE FRONTAGES

TREES

SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)
Pyrus calleryana 'Chanticleer'	EHStd	450/650	18/20
Amelanchier 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
Griselinia 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 Pearl'	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 pinguiifolia '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 nidula '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 1+1	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 WOODLAND MIX

SPECIES	MIX(%)	SUPPLY	SIZE(cm)	BREAKS
Trees (75%)				
Acer campestre	10	T 1+1	100/125	5
Betula pendula	10	T 1+1	100/125	5
Malus sylvestris	5	T 1+1	100/125	5
Prunus avium	10	T 1+1	100/125	5
Quercus robur	25	T 1+1	100/125	5
Sorbus aucuparia	5	T 1+1	100/125	5
Tilia cordata	10	T 1+1	100/125	5
Shrubs (25%)				
Corylus avellana	5	T 1+1	60/80	3
Crataegus monogyna	10	T 1+1	60/80	3
Ilex aquifolium	5	2L	60/80	3
Prunus spinosa	5	T 1+1	60/80	3

NATIVE BULBS

SPECIES	No./m ²
Bluebells (33% of area)	25
Hyacinthines non-scripta	
Daffodils (33% of area)	25
Narcissus pseudonarcissus	
Snowdrops (34% of area)	25
Galanthus nivalis	

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.

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 hoggan footpath

Proposed bench seating

Proposed play space - 182m2

(to be detailed at later stage)

LANDSCAPE MASTERPLAN

MAIN STREET, STANTON UNDER BARDON

CLIENT
ALLISON HOMES

DATE
22/08/2024

SCALE
1:500@A1

TEAM
AP

APPRVD
AP

DRAWING NUMBER

P24-1430_EN_0001_S1_REV B

PEGASUS
GROUP