

## 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. Recommended topsoil depths are 300mm for shrubs and 150mm for grass.

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.

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. Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc.

Tree pits to the specified size are to be excavated and the base broken up a further

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

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 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 chaffing 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.

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.

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

Plants shall be notch planted in two rows 300mm 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

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.

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.

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.

## **KEY** Soft landscape proposals See plant schedule for details. Existing trees/vegetation to be retained Existing trees/vegetation to be removed Existing hedgerow along Camp Road to be rea Areas of turf/grass seed Turf to plot frontages, amenity grass seed mix to less formal areas.

		BOUNDARY ENCLOSURE DETAILS
		Acoustic fence Acoustic fence, 5m in height to Dorchester Group specification.
		Metal fence  Existing metal fence to be retained to the boundary of the sub station.
		Low brick wall - to Plots 19 & 20 Wall and access gates to Dorchester Group specification.
		<b>Timber fencing</b> Canterbury combi panel decorative fencing and gates to Dorchester Group specification.
emoved		Closeboard fence Fence and access gates to Dorchester Group specification.
		<b>Timber field gates</b> Timber field gates, double leaf with pedestrian access. Varying widths to fit each driventrance, hinged to open 180 degrees. To Dorchester Group specification.
		Four bar timber post and rail fence Standard post and four rail fencing 1.5m high to Dorchester Group specification.
	1,001 May 11,001 May 11	Native hedgerow See specification for details.
		Masonry retaining wall To Dorchester Group specification.

	TREES -	To plots and along Camp	Road			
16.8° % . Z	REF SPEC	CIFS	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
42000 W100000		pendula	EHStd	450/625	16/18	as shown
		utilis jacquemontii	EHStd	425/600	14/16	as shown
		s colurna	EHStd	425/600	14/16	as shown
	•	s colurna	HStd	350/425	12/14	as shown
	-	trilobata	HStd	350/425	12/14	as shown
		s aucuparia 'Cardinal Royal'	HStd	350/425	12/14	as shown
		adoupana Garamar Koyar		000/120		ao onom
	tree planting s during founda	e planted in accordance with the imple schedule and landscape proposals m tion design. No tree species, size or the Landscape Architect.	ust be referr	ed to by the	Structural E	Ingineer
	SPECIME	N SHRUBS				
***	REF SPEC	CIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
	S1 Phorm	ium 'Jester'	25L	100/125	Triple Crwn	as shown
	S2 Phorm	ium 'Sundowner'	25L	100/125	Triple Crwn	as shown
	S3 Phorm	ium 'Yellow Wave'	25L	100/125	Triple Crwn	as shown
~~~~~~	SHRUBS	/HERBACEOUS				
3	ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
	AUCJA	Aucuba japonica	5L	40/60	Bushy	0.75
	BRASU	Brachyglottis 'Sunshine'	10L	40/60	Bushy	0.70
	CEATHR	Ceanothus thyrsiflorus repens	10L	60/80	Bushy	0.70
	CHOAP	Choisya 'Aztec Pearl'	10L	40/60	Bushy	0.70
	CHOTES	Choisya ternata 'Sundance'	10L	40/60	Bushy	0.70
	CISSP	Cistus 'Silver Pink'	10L	40/60	Bushy	0.65
	CORALE	Cornus alba 'Elegantissima'	3L	40/60	Branched	0.75
	ELAPUMA	Elaeagnus pungens 'Maculata'	10L	40/60	Bushy	0.75
	EUOFOEG	Euonymus fortunei 'Emerald Gaiety'		30/40	Bushy	0.60
	EUOFOENG	•		30/40	Bushy	0.60
	FATJA	Fatsia japonica	10L	60/80	Bushy	0.75
	HEBMAR	Hebe 'Marjorie'	10L	30/40	Bushy	0.70
	HEBPQ	Hebe 'Purple Queen'	10L	30/40	Bushy	0.70
	HEBPIS	Hebe pinguifolia 'Sutherlandii'	10L	30/40	Bushy	0.60
	HEUMIPP	Heuchera micrantha 'Palace Purple'	3L	-	Full Pot	0.40
	HYPHI	Hypericum 'Hidcote'	10L	40/60	Bushy	0.70
	LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30/40	Bushy	0.60
					,	
	LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40/60	Bushy	0.70
	LONNIBG LONNIMG		10L 10L	40/60 40/60	Bushy Bushy	0.70 0.70
		Lonicera nitida 'May Green'			•	

PRULAOL Prunus laurocerasus 'Otto Luyken' 10L 60/80 Bushy 0.70

SKIJARU Skimmia japonica 'Rubella' 10L 40/60 Bushy 0.70

All shrubs to be planted in accordance with the implementation and maintenance guidelines. No

shrub species, size or location should be altered without prior approval from the Landscape

PRULU Prunus Iusitanica

Rosmarinus officinalis

Viburnum davidii

ROSOF

VIBDA

10L 80/100 Bushy 0.75

10L 40/60 Bushy 0.70

10L 40/60 Bushy 0.70

		TREES - Replacement trees to Sou			•	GIRTH(cm)	CTRS(m)
To order		Aesculus hippocastanı	ım	SUPPLY EHStd	425/600	14/16	as shown
		Betula pendula		EHStd	425/600	14/16	as shown
		Carpinus betulus		EHStd	425/600	14/16	as shown
		Sorbus aucuparia		EHStd	425/600	14/16	as shown
		Tilia x europaea		EHStd	425/600	14/16	as shown
	tree plai	s to be planted in accornting schedule and lan oundation design. No al from the Landscape	ndscape proposals m tree species, size or	ust be referi	red to by the	Structural E	ngineer
11 of the 11 of	NATIVE HEDGE MIX						
	ABBR CORAV			SUPPLY	SIZE(cm)		CTRS(m)
	CRAMO	•		T 1+1	60/80 125/150	12.5	0.30 0.30
	ROSCA		ogyna	2x Fthd T 1+1	60/80	80 7.5	0.30
	implement Engineer prior ap 250mm implement furnished to a document to a document engine to a document engine engi	ow shrubs to be supplicentation and maintenant or during foundation desproyal from the Landso apart with no less that entation and maintenant or with evenly spread auble line support (one fince using an approved	nce guidelines. The esign. No hedgerow scape Architect. Hedgen 6 per linear metre vance guidelines. The feand balanced lateral for feathered hawtholes.	landscape per shrub species gerow shrub within a 50cm eathered Ha growth the frn at 1m hig	oroposals mes, size or los to be plan median wide bed awthorn is to full length of hand one for the properties.	ust be referred cation should need on a document and mulched have a upright the stem. Sign hazel and	ed to by the Struct be altered with the staggered of the accordance of the central steme thrubs to be attact.
	01.184	BERS - To elec	tric sub statio	n buffer SUPPLY	SIZE(cm)	HARIT	CTRS(m)
ang the System of the					175/200	Cane	As Shown
and the Sylventie	ABBR		'Paddy's Pride'	101		Jane	, 13 OHOWH
and the state of t	ABBR C1	Hedera colchica	•	10L 10I		Cane	As Shown
and the state of t	ABBR	Hedera colchica Hedera helix Hil	•	10L 10L 10L	175/200 175/200	Cane Cane	As Shown As Shown

guidelines. No feature shrub species, size or location should be altered without prior approval

from the Landscape Architect.



Phase 1 and Camp Road, Heyford Park, Upper Heyford Composite plan - Including site

boundary enclosures

Dorchester Group www.pegasuspg.co.uk Team LM/AP 11/03/2014 Scale: 1:250@A0

• All landscape proposals must be referred to by the Structural Engineer during foundation design. Soiling operations to be carried out in accordance with the implementation and maintenance guidelines. All planting to be in accordance with the implementation and maintenance guidelines. No species, variety, size or position to be amended without the Landscape Architects prior approval. • Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree

 All planting must be mulched in accordance with the implementation and maintenance guidelines. • If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants,

and trees will be replaced by a containerised equivalent to be approved by the project landscape architect.