



IMPLEMENTATION AND MAINTENANCE GUIDELINES

- 1.0 GENERAL**
- 1.1 All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Suppliers must 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 firmed before topdressing. 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 75g/m² and Tree Planting and Mulching Compost at the rate of 200g/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.
- 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.
- 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.
- 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.
- 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.
- 3.3 **Maintenance**
Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the maintenance period.
- 3.4 **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 gently 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.
- 3.5 **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

- Site boundary**
- 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 removed**
- Areas of turf/grass seed**
Turf to plot frontages, amenity grass seed mix to less formal areas.
- 2m Substation buffer**
- Proposed levels**
Please refer to the latest Woods Hawkwind proposals ref: HEYF/SK26 A for more information and sectional details.
- 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.
- Timber fencing**
Cantebury combed panel decorative fencing and gates to Dorchester Group specification.
- Concrete board fence**
Fence and access gates to Dorchester Group specification.
- Timber field gates**
Timber field gates, double leaf with pedestrian access. Varying widths to fit each driveway entrance. Height to open 110 degrees. To Dorchester Group specification.
- Four bar timber post and rail fence**
Standard post and rail fencing 1.5m high to Dorchester Group specification.
- Native hedgerow**
See specification for details.
- Masonry retaining wall**
To Dorchester Group specifications.
- Removable bollard**
Ref: B047 Sheffield stainless steel bollard (removable version) with reflective bands to top of column as supplied by Broap or similar approved.

PLANT SCHEDULE

TREES - To plots and along Camp Road

REF	SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
T1	Betula utilis jacquemontii	EHSJ	425/600	14/16	as shown
T2	Corylus colurna	EHSJ	425/600	14/16	as shown
T3	Corylus colurna	EHSJ	350/425	12/14	as shown
T4	Malus trilobata	HSD	350/425	12/14	as shown
T6	Sorbus aucuparia 'Cardinal Royal'	HSD	350/425	12/14	as shown

SPECIMEN SHRUBS

REF	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
S1	Phormium 'Jester'	25L	100/125	Tape Clom as shown	
S2	Phormium 'Sundowner'	25L	100/125	Tape Clom as shown	
S3	Phormium 'Yellow Wave'	25L	100/125	Tape Clom as shown	

SHRUBS/HERBACEOUS

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
AUGIA	Aucuba japonica	5L	40/60	Bushy	0.75
BRASA	Brachyglottis 'Sunshine'	10L	60/80	Bushy	0.70
CEATHR	Ceanothus thyrsiflorus repens	10L	40/60	Bushy	0.70
CHOP	Chaetochloa 'Aster-Puff'	10L	40/60	Bushy	0.70
CHOTES	Chaetochloa 'Sundance'	10L	40/60	Bushy	0.70
CHOSP	Chaetochloa 'Silver Peak'	10L	40/60	Bushy	0.65
CORALE	Cornus alba 'Elegantissima'	3L	40/60	Branching	0.75
ELAPUNA	Elaeagnus pungens 'Maculata'	10L	40/60	Bushy	0.75
EUFOROG	Eucyrtus fortunei 'Emerald Galaxy'	10L	30/40	Bushy	0.60
EUFORONG	Eucyrtus fortunei 'Emerald Y' Gold'	10L	30/40	Bushy	0.60
FATIA	Fatsia japonica	10L	60/80	Bushy	0.75
HEBMAJ	Hebe 'Major'	10L	30/40	Bushy	0.70
HEBPO	Hebe 'Purple Queen'	10L	30/40	Bushy	0.70
HEBPS	Hebe 'Purple Queen'	10L	30/40	Bushy	0.70
HEUMIPP	Heuchera 'Palace Purple'	10L	30/40	Bushy	0.60
HYPH	Hypericum 'Hidcot'	10L	40/60	Bushy	0.70
LAVANMI	Lavandula angustifolia 'Hiscox'	10L	30/40	Bushy	0.60
LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40/60	Bushy	0.70
LONNING	Lonicera nitida 'May Green'	10L	40/60	Bushy	0.70
PHOFREB	Phlox 'Fastest Red Rover'	10L	60/80	Bushy	0.70
PRULAOL	Prunus laurocerasus 'Otto Luyker'	10L	60/80	Bushy	0.70
PRULU	Prunus laurocerasus	10L	60/100	Bushy	0.75
ROSGE	Rosa rugosa	10L	40/60	Bushy	0.70
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SKJARU	Sakura japonica 'Akanmado'	10L	40/60	Bushy	0.70
VIDA	Viburnum davidii	10L	40/60	Bushy	0.70

TREES - Replacement trees to Southern boundary

REF	SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
R1Z	Sorbus aucuparia	EHSJ	425/600	14/16	as shown
R2	Carpinus betulus	EHSJ	425/600	14/16	as shown
RM	Sorbus aucuparia	EHSJ	425/600	14/16	as shown
RIS	Tilia x europaea	EHSJ	425/600	14/16	as shown

NATIVE HEDGE MIX

ABBR	SPECIES	SUPPLY	SIZE(cm)	MIX %	CTRS(m)
CORAV	Corylus avellana	T 1+1	60/80	12.5	0.30
CROMON	Crataegus monogyna	2x FMS	125/150	80	0.30
ROSCA	Rosa carolina	T 1+1	60/80	7.5	0.30

CLIMBERS - To electric sub station buffer

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
C1	Hedera coccinea 'Paddy's Pride'	10L	175/200	Cane	As Shown
C2	Hedera helix 'Hibernica 'Gold Heart'	10L	175/200	Cane	As Shown
C3	Hedera helix 'Hibernica 'Gold Heart'	10L	175/200	Cane	As Shown
C4	Hedera helix 'Hibernica'	10L	175/200	Cane	As Shown

HEDGEROW

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
BLUSE	Buxus sempervirens	10L	60/80	Bushy	0.40

GROUND COVER MIX

ABBR	SPECIES	SUPPLY	SIZE(cm)	MIX %	CTRS(m)
CEATHR	Ceanothus thyrsiflorus repens	5L	40/60	20	0.60
HEBALRE	Hebe albicans 'Red Edge'	5L	30/40	20	0.60
LONNING	Lonicera nitida 'May Green'	5L	40/60	20	0.60
MAHADAP	Mahoea equifolium 'Kopdy'	5L	30/40	20	0.60
RUBBA	Rubus 'Betty Ashburner'	3L	30/40	20	0.60

- NOTES**
- 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 selected tree position.
 - All planting must be mulched in accordance with the implementation and maintenance guidelines.
 - If planting is required outside the October-March season, bare root stock 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.

M	Description	Date	Team
M	Planting notes submitted to full tender	18/10/15	AP
L	Planting notes entered onto site plan	05/01/15	AP
K	Trees to each western corner equidistant to coordinate with Phase 2 proposals	05/08/15	AP
J	Tree species to new gardens of plots 19 & 20	24/06/15	AP
I	Removable bollards specifications indicated	28/05/15	AP
H	Tree lists updated to M3, including the new planting schedule	12/02/15	EW
G	Levels updated to include vertical curve and	12/01/15	EW
F	Revised to new layout	28/05/14	EM
E	Site manager advised the boundary edge control	14/04/14	LM
D	Revised to include new access	10/04/14	LM
C	Updated to latest comments regarding boundary	10/04/14	LM
B	Updated to latest comments regarding boundary	03/04/14	LM
A	Revised to latest comments	31/03/14	LM
Rev	Description	Date	Team

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