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. Tree planting implementation and maintenance to conform to BS 8545:2014 Trees 'From Nursery to Independence in the Landscape'.

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. All tree ties to be made of Jute webbing.

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 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.

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 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 Enmag or equal at 75gm/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 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.

5.2 Turf
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
Flowering lawn 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 4 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.

5.5 Subsequent 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. Flowering lawn areas shall be mown no fewer than 16 times throughout the year, to maintain the sward at 15-35mm height. 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.

6.0 TOPSOIL

6.1 Existing 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 2002 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, on 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 50mm diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilize with 100g per metre square of Vitax "Nutricote 180" slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 metres in width, fork over thoroughly or machine rotavate soil to a depth of 300mm, ensuring 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.

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

7.0 WILDFLOWER AND GRASSLAND MIX

7.1 Preparation
Grass seed mixtures to be sourced from certified local provenance seed stock. Ground surface will be cleared of weed growth either removed by hand or through the application of an approved Glyphosate based herbicide (all herbicides should only be handled by certified users and in accordance with the COSHH Regulations 2002). The ground will then be ploughed and raked to produce a medium tilth with debris and stones over 25mm diameter reomved. The surface shall be raked to smooth flowing contours with a fine to medium tilth.

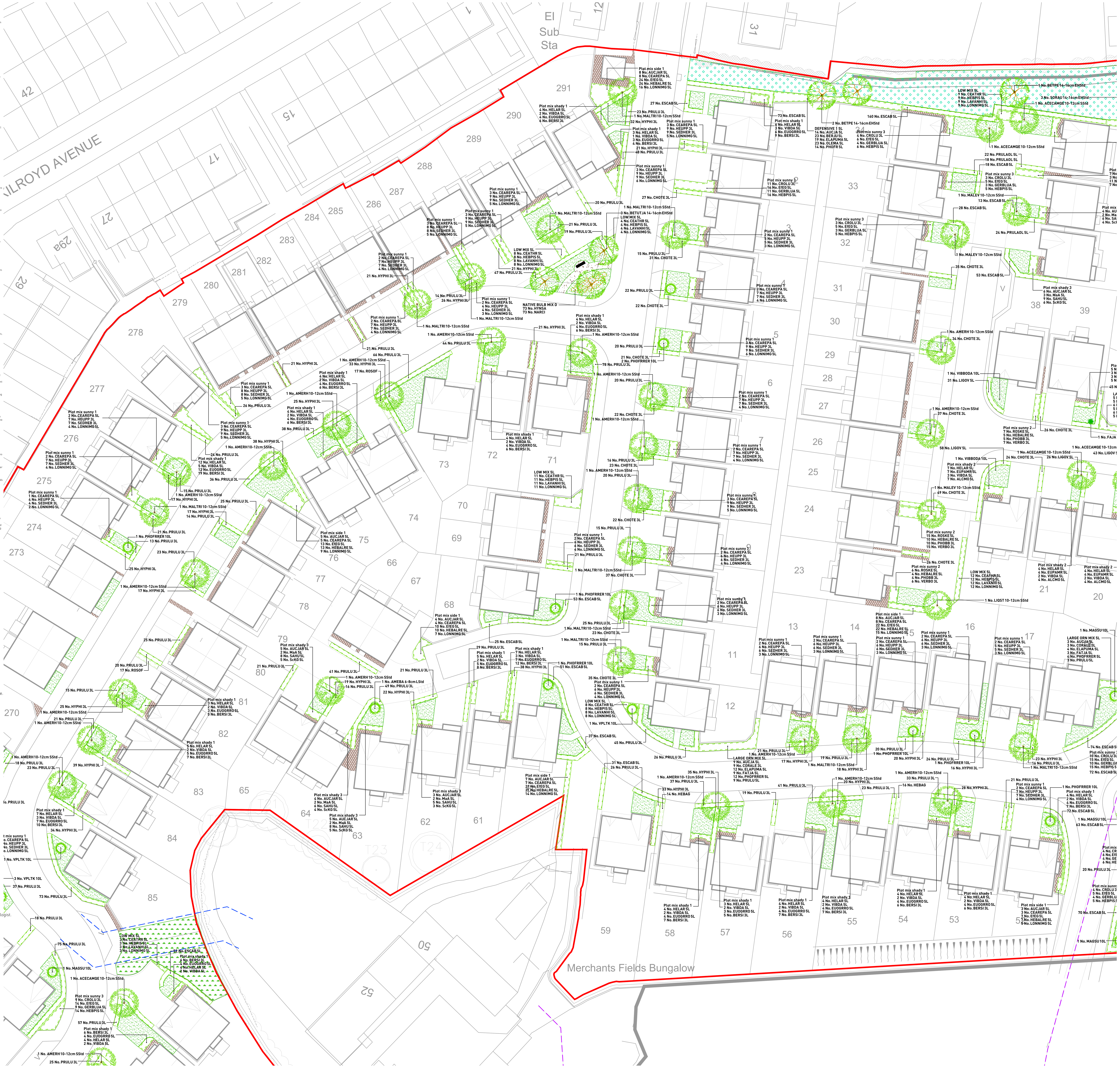
7.2 Seeding
Meadow and wildflower seed mixes shall be sown in either August -September or March -April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 4 or 5 g/m2, according to supplier's recommendations. After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

KEY

- **Site boundary**
- **Existing trees and vegetation to be retained**
- **Soft Landscape Proposals** – Refer to plant schedule for details.
- **Informal mown footpath** – 1.5m wide informal mown footpath through public open space.
- **Picnic bench** – Ref: BX17 4015 'Springfield picnic bench' timber freestanding bench, as supplied by Broxap or similar approved. Bench to be installed with submerged fixing set in concrete footings to manufacturers specification.
- **Bench seating** – Ref: BX17 4001T 'Roslin' steel framed timber slat version, as supplied by Broxap or similar approved. Bench to be installed with submerged fixing set in concrete footings to manufacturers specification.
- **Compacted gravel/hoggin footpath** – 2.00m wide 50mm rolled hoggin surface on 100mm type 1 sub base. To be timber edged and cambered on both sides to shed surface water. Fines are essential to ensure the surface compacts. Self binding gravel layer to be well compacted with vibratory roller.
- **Gravel surfacing** – Buff Flint gravel 20mm gauge as supplied by CED or similar, to be laid over a weed suppressant membrane to a depth of 50mm.
- **Bark mulch** – Timber edged flush with existing ground level. Mulch depth 75mm
- **Litter bin** – Ref: BX45G 2550 'Derby Standard' 120L steel litter bin, powder coated RAL black, as supplied by Broxap or similar approved.
- **Dog waste bin** – Ref: BX45 2591-PM 'Sirius' 60L post-mounted dog waste bin, coated in green as supplied by Broxap or similar approved.
- **Translocated hedgerow** – Exact position and length to be determined by the project ecologist.
- **Existing utilities and easement**
- **Easement**



PLANT SCHEDULE

PROPOSED TREES

ABBR	SPECIES	COMMON NAME	SUPPLY	HEIGHT (CM)	GIRTH	QTY (No.)
ACECAM	Acer campestre	Common Maple	EHStd	350–425cm	14–16cm	8 –
ACECAMQE	Acer campestre 'Queen Elizabeth'	Field Maple 'Queen Elizabeth'	SStd	300–350cm	10–12cm	13 –
ACEST	Acer campestre 'Streetwise'	Field Maple	EHStd	350–425cm	14–16cm	15 –
ALGL	Alnus glutinosa	Common alder	EHStd	350–425cm	14–16cm	7 –
AMEBA	Amelanchier 'Ballerina'	Serviceberry 'Ballerina'	LStd	250–300cm	6–8cm	1 –
AMERH	Amelanchier 'Robin Hill'	Serviceberry 'Robin Hill'	SStd	300–350cm	10–12cm	30 –
BETPE	Betula pendula	Common Silver Birch	EHStd	350–425cm	14–16cm	11 –
BETPU	Betula pubescens	Downy Birch	EHStd	350–425cm	14–16cm	29 –
BETUTJA	Betula utilis Jacquemontii	Himalayan Birch	EHStd	350–425cm	14–16cm	3 –
CARBET	Carpinus betulus	Common Hornbeam	EHStd	350–425cm	14–16cm	18 –
LIQST	Liquidambar styraciflua	American sweetgum	SStd	300–350cm	10–12cm	2 –
MALEV	Malus 'Evereste'	Crab Apple 'Evereste'	SStd	300–350cm	10–12cm	25 –
MALEV	Malus 'Evereste'	Crab Apple 'Evereste'	EHStd	350–425cm	14–16cm	6 –
MADBS	Malus domestica 'Bramley's Seedling'	Apple 'Bramley's Seedling'	MM106 root stock	200–300cm		3 –
MDCOP	Malus domestica 'Cox's Orange Pippin'	Apple 'Cox's Orange Pippin'		300–350cm	10–12cm	4 –
MALSY	Malus sylvestris	Common Crab Apple	EHStd	350–425cm	14–16cm	9 –
MALTRI	Malus trilobata	Crab Apple	SStd	300–350cm	10–12cm	21 –
PRUDE	Prunus domestica 'Edda'	Plum 'Edda'		200–300cm		4 –
PRUPA	Prunus padus	Bird Cherry	EHStd	350–425cm	14–16cm	21 –
PRUSA	Prunus sargentii	Sargent Cherry	SStd	300–350cm	10–12cm	19 –
PYCB	Pyrus communis 'Beth'	Pear 'Beth'	Quince A root stock	200–300cm		5 –
QUEPE	Quercus petraea	Sessile Oak	EHStd	350–425cm	14–16cm	9 –
QUERO	Quercus robur	Common Oak	EHStd	350–425cm	14–16cm	15 –
SACAP	Salix caprea	Goat willow	EHStd	350–425cm	14–16cm	8 –
SORAU	Sorbus aucuparia	European mountain ash	EHStd	350–425cm	14–16cm	26 –
SORCA	Sorbus cashmiriana	Kashmir Rowan	SStd	300–350cm	10–12cm	6 –

PROPOSED SPECIMEN SHRUBS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES	QTY (No.)
FAJA	Fatsia japonica	10L	50–60cm	Bushy	Counted	7 –
MAGSU	Magnolia 'Susan'	10L	125–150cm	Bushy	Counted	11 –
MAHJA	Mahonia japonica	10L	60–80cm	Bushy	Counted	2 –
PHOCD	Phormium cook. hookeri 'Cream Delight'	10L	40–60cm	Triple Crown	Counted	2 –
PHOFRRER	Photinia fraseri 'Red Robin'	10L	125–150cm	1/2 standard; ball on stem	Counted	17 –
VIBBODA	Viburnum bodnantense 'Dawn'	10L	80–100cm	Bushy :Bushy	Counted	8 –
VPLTK	Viburnum plicatum tomentosum 'Kilimanjaro'	10L	60–80cm	Branched :5 brks	Counted	7 –

PROPOSED HEDGEROWS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)
CHOTE	Choisya ternata	3L	30–40cm	Bushy :4 brks	5/m	2183 –
ESCAB	Escallonia 'Apple Blossom'	5L	40–60cm	Bushy	4/m	1982 –
HYPHI	Hypericum 'Hidcote'	3L	30–40cm	Bushy	4/m	1269 –
LIGOV	Ligustrum ovalifolium	5L	60–80cm	Branched	4/m	2023 –
PRULAOL	Prunus laurocerasus 'Otto Luyken'	5L	40–60cm	Bushy	4/m	392 –
PRULU	Prunus lusitanica	3L	40–60cm	Bushy	4/m	2969 –

PROPOSED INDIVIDUAL SHRUBS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)
HEBAG	Hebe 'Autumn Glory'	10L	30–40cm	Bushy	0.5Ctr	57 –
ROSOF	Rosmarinus officinalis	5L	40–60cm	Bushy :5 brks	0.5Ctr	141 –

PROPOSED ORNAMENTAL SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)	PLANT TO FR
DEFENSIVE 1 5L	AUCJA	Aucuba japonica	5L	40–60cm	Bushy	0.6Ctr	152 –	
DEFENSIVE 1 5L	BERJU	Berberis julianae	5L	40–60cm	Bushy	0.6Ctr	248 –	
DEFENSIVE 1 5L	ELAPUMA	Elaeagnus pungens 'Maculata'	5L	30–40cm	Bushy	0.6Ctr	201 –	
DEFENSIVE 1 5L	OLEMA	Olearia macrodonta	5L	40–60cm	Bushy	0.6Ctr	248 –	
DEFENSIVE 1 5L	PHOFR	Photinia x fraseri 'Red Robin'	5L	40–60cm	Bushy	0.6Ctr	152 –	
LARGE ORN MIX 5L	AUCJA	Aucuba japonica	5L	40–60cm	Bushy	0.6Ctr	17 –	
LARGE ORN MIX 5L	CORALE	Cornus alba 'Elegantissima'	3L	60–80cm	Branched	0.6Ctr	17 –	
LARGE ORN MIX 5L	ELAPUMA	Elaeagnus pungens 'Maculata'	5L	40–60cm	Bushy	0.6Ctr	22 –	
LARGE ORN MIX 5L	FATJA	Fatsia japonica	5L	40–60cm	Bushy	0.6Ctr	17 –	
LARGE ORN MIX 5L	PHOFRRER	Photinia x fraseri 'Red Robin'	5L	40–60cm	Bushy	0.6Ctr	22 –	
LARGE ORN MIX 5L	PRULU	Prunus lusitanica	5L	40–60cm	Bushy	0.6Ctr	17 –	
LOW MIX 5L	CEATHR	Ceanothus thyrsiflorus repens	5L	30–40cm	Bushy	0.5Ctr	204 –	
LOW MIX 5L	HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	30–40cm	Bushy	0.5Ctr	204 –	
LOW MIX 5L	LAVANHI	Lavandula angustifolia 'Hidcote'	5L	30–40cm	Bushy	0.5Ctr	204 –	
LOW MIX 5L	LONNIMG	Lonicera nitida 'May Green'	5L	40–60cm	Bushy	0.5Ctr	204 –	
Plot mix shady 1	BERSI	Bergenia 'Silberlicht'	3L			0.5Ctr	328 –	
Plot mix shady 1	EUOGRRO	Euonymus japonicus 'Green Rocket'	5L	30–40cm		0.5Ctr	210 –	
Plot mix shady 1	HELAR	Helleborus argutifolius	5L		Full Pot	0.5Ctr	210 –	
Plot mix shady 1	VIBDA	Viburnum davidii	5L	30–40cm		0.5Ctr	98 –	
Plot mix shady 2	ALCMO	Alchemilla mollis	5L		Full Pot	0.5Ctr	221 –	
Plot mix shady 2	EUPAMR	Euphorbia amygdaloides robbiae	5L		Full Pot	0.5Ctr	221 –	
Plot mix shady 2	HELAR	Helleborus argutifolius	5L		Full Pot	0.5Ctr	221 –	
Plot mix shady 2	VIBDA	Viburnum davidii	5L	30–40cm		0.5Ctr	88 –	
Plot mix shady 3	AUCJAR	Aucuba japonica 'Rozannie'	5L	30–40cm	Bushy :4 brks	0.5Ctr	116 –	
Plot mix shady 3	MaA	Mahonia aquifolium 'Apollo'	5L	40–60cm	Branched :3 brks	0.5Ctr	52 –	
Plot mix shady 3	SAHU	Sarcococca humilis	5L	25–30cm	Bushy :5/6 brks	0.5Ctr	177 –	
Plot mix shady 3	ScKG	Skimmia confusa 'Kew Green'	5L	30–40cm	Bushy :4 brks	0.5Ctr	116 –	
Plot mix side 1	AUCJAR	Aucuba japonica 'Rozannie'	5L	30–40cm	Bushy :4 brks	0.5Ctr	162 –	
Plot mix side 1	CEAREPA	Ceanothus thyrsiflorus repens	5L	40–60cm	Bushy :5 brks	0.5Ctr	162 –	
Plot mix side 1	EfEG	Euonymus fortunei 'Emerald Gaiety'	5L	25–30cm	Bushy :6/9 brks	0.5Ctr	461 –	
Plot mix side 1	HEBALRE	Hebe 'Red Edge'	5L		Bushy :5/7 brks	0.5Ctr	461 –	
Plot mix side 1	LONNIMG	Lonicera nitida 'May Green'	5L		Bushy :6/9 brks	0.5Ctr	312 –	
Plot mix sunny 1	CEAREPA	Ceanothus thyrsiflorus repens	5L	40–60cm	Bushy :5 brks	0.5Ctr	117 –	
Plot mix sunny 1	HEUPP	Heuchera 'Palace Purple'	3L			0.5Ctr	366 –	
Plot mix sunny 1	LONNIMG	Lonicera nitida 'May Green'	5L	40–60cm	Bushy :8 brks	0.5Ctr	212 –	
Plot mix sunny 1	SEDHER	Sedum 'Herbstfreude'	3L		Full Pot	0.5Ctr	366 –	
Plot mix sunny 2	HEBALRE	Hebe 'Red Edge'	5L	30–40cm		0.5Ctr	251 –	
Plot mix sunny 2	PHOBB	Phormium 'Bronze Baby'	3L	30–40cm		0.5Ctr	251 –	
Plot mix sunny 2	ROSKE	Rosa 'Kent'	5L	40–60cm	Bushy :5 brks	0.5Ctr	361 –	
Plot mix sunny 2	VERBO	Verbena bonariensis	3L		Full Pot	0.5Ctr	361 –	
Plot mix sunny 3	CROLU	Crocosmia 'Lucifer'	3L			0.5Ctr	166 –	
Plot mix sunny 3	EfEG	Euonymus fortunei 'Emerald Gaiety'	5L	30–40cm	Bushy :6/9 brks	0.5Ctr	240 –	
Plot mix sunny 3	GERBLUA	Geranium 'Johnson's Blue'	5L			0.5Ctr	166 –	
Plot mix sunny 3	HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	40–60cm	Bushy :5 brks	0.5Ctr	240 –	
RAIN GARDEN MIX 2	ACG	Achillea 'Coronation Gold'	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	AJURE	Ajuga reptans	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	ARMMA	Armeria maritima	3L			0.5Ctr	62 –	
RAIN GARDEN MIX 2	CAAO	Calamagrostis acutifolia 'Overdam'	7.5L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	CALACKF	Calamagrostis acutiflora 'Karl Foerster'	7.5L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	CAMGL	Campanula glomerata	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	CLu	Crocosmia 'Lucifer'	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	DESCA	Deschampsia caespitosa	7.5L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	ECFP	Eupatorium cannabinum 'Flore Pleno'	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	ECHRIVEB	Echinops ritro 'Veitch's Blue'	3L			0.5Ctr	62 –	
RAIN GARDEN MIX 2	HELSEMA	Helictotrichon sempervirens	3L			0.5Ctr	62 –	
RAIN GARDEN MIX 2	IRISITN	Iris sibirica 'Tropic Night'	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	MSSB	Miscanthus sinensis 'Sarabande'	7.5L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	POLSE	Polystichum setiferum	3L			0.5Ctr	31 –	
RAIN GARDEN MIX 2	RfsG	Rudbeckia fulgida sullivantii 'Goldsturm'	5L			0.5Ctr	62 –	
RAIN GARDEN MIX 2	VERVIR	Veronicastrum virginicum	3L			0.5Ctr	31 –	

PROPOSED NATIVE MIXED HEDGEROWS / INFILL MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	CENTRES (M)	MIX %	QTY (No.)
NATIVE HEDGEROW MIX A	ACECAM	Acer campestre		40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 –
NATIVE HEDGEROW MIX A	CORAV	Corylus avellana		40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 –
NATIVE HEDGEROW MIX A	ILEAQ	Ilex aquifolium	2L	40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 –
NATIVE HEDGEROW MIX A	PRUSP	Prunus spinosa		40–60cm	0.25Ctr Double Staggered at 0.25m offset	20%	959 –
NATIVE HEDGEROW MIX A	ROSCA	Rosa canina	Bare Root	40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 –
NATIVE HEDGEROW MIX A	VIBOP	Viburnum opulus		40–60cm	0.25Ctr Double Staggered at 0.25m offset	20%	959 –

PROPOSED NATIVE SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)
NATIVE SHRUB MIX A	CORAV	Corylus avellana	T1+1	60–80cm	Transplant	0.7Ctr	30%	84 –
NATIVE SHRUB MIX A	CRAMON	Crataegus monogyna	T1+1	60–80cm	Transplant	0.7Ctr	35%	98 –
NATIVE SHRUB MIX A	PRUSP	Prunus spinosa	T1+1	60–80cm	Transplant	0.7Ctr	20%	57 –
NATIVE SHRUB MIX A	ROSCA	Rosa canina	T1+1	60–80cm	Transplant	0.7Ctr	5%	15 –
NATIVE SHRUB MIX A	VIBOP	Viburnum opulus	T1+1	60–80cm	Transplant	0.7Ctr	10%	29 –

PROPOSED BULBS

MIX NAME	ABBR	SPECIES	COMMON NAME	HABIT	CENTRES (M)	MIX %	AREA	QTY (No.)
NATIVE BULB MIX D	HYNSA	Hyacinthoides non-scripta	Bluebells		10/m²	50%	119.8431m²	1201 –
NATIVE BULB MIX D	NARCI	Narcissus pseudonarcissus	Daffodils		10/m²	50%	119.8431m²	1201 –
							Total :239.6862m²	

PROPOSED LAWN TURF (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA
Medalion Turf	Rolawn Limited	3687.2239m²

PROPOSED AMENITY SEED MIX (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA	DENSITY
A22 (Low Maintenance) Amenity	Germinal GB Limited	6779.5128m²	50g/m²

PROPOSED WILDFLOWER MEADOW (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA	DENSITY
EM3 – Special Gen. Purpose Meadow	Emorsgate Seeds	14891.357m²	4g/m²

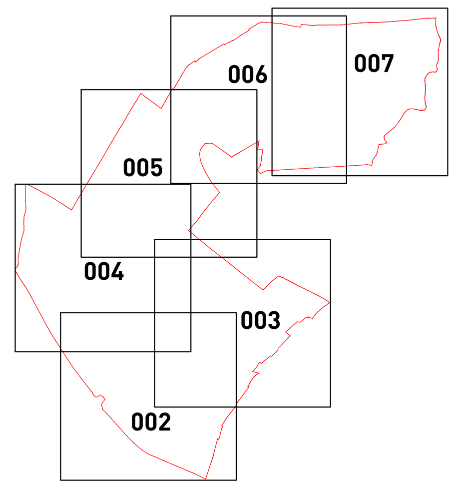
PROPOSED WETLAND WILDFLOWER MEADOW (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA	DENSITY
EM8 – Meadow Mix for Wetlands	Emorsgate Seeds	2010.4225m²	4g/m²

NOTES

All trees, feature shrubs, climbers, shrubs and hedgerows to be planted in accordance with the implementation and maintenance guidelines. All landscape proposals must be referred to by the Structural Engineer during foundation design. No tree, feature shrub, climber, shrub and hedgerow species, size or location should be altered without prior approval from the Landscape Architect.

- Individual shrub/herbaceous/grass species to be planted in groups of 3-7.
- Individual species within ornamental shrub mixes to be planted in groups of 5-9.
- Lower growing species within ornamental shrub mixes to be planted at the front of the shrub bed (as indicated).
- Individual bulbs species to alternate every 2 linear metres.
- Native hedgerow shrubs to be supplied as bareroot stock unless stated.
- Hedgerow shrubs to be planted within a 80cm wide bed and mulched.
- Any native hedgerow shrubs to be planted on a double staggered row, 250mm apart with no less than 6 per linear metre within a 50cm wide bed in accordance with implementation and maintenance guidelines. Any feathered stock is to have a upright central stem furnished with evenly spread and balanced lateral growth the full length of the stem. If feathered hedgerow stock is proposed, shrubs are to be attached to a double line support (one for feathered stock at 1m high and one for transplant stock at 60cm high) fence using an approved clip tie and cut back to 1.2m in height at time of planting.
- 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 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 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.



SHEET LOCATION PLAN
NTS

NORTH

Merchants Fields
Detailed Soft Landscape Proposals *Sheet 5 of 6*

Drawing Ref: P20-2441.006_A
Client: Harron Homes

Date : 18/04/2024
Drawn by : NF/JW/ARW
Checked by : KC
Scale : 1 : 250 @ A0

PEGASUS GROUP

DESIGN ENVIRONMENT PLANNING ECONOMICS HERITAGE

Copyright Pegasus Planning Group Ltd. Crown copyright, All rights reserved. 2015 Emapsite Licence number 0100031673. Ordnance Survey Copyright Licence number 100042093. Promap Licence number 100020449 .
Pegasus accepts no liability for any use of this document other than for its original purpose, or by the original client, or following Pegasus Group express agreement to such use. T 01285641717 www.pegasusgroup.co.uk