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, snow covered, frozen or during periods of drought or strong winds. Trees shall be supplied with rootballs wrapped in biodegradable 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 before cultivating. Cultivate all areas to be planted to a minimum depth of 300mm. Ensure that the Soil Improver & Mulching Compost at the rate of 250m3/ac) are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastics, 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 scuffed 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 hazard trees form nature in size to be secured with a below ground anchoring system (such as a deadman anchor). Stakes should be driven 300mm 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
All 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 ensure 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: All areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.
Pest control: All plants and trees are to be checked and adjusted if too loose, too tight or if staffing 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 turf 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 tor shelters or tor rabbit fence
- All stock to be protected from rabbit damage using approved proprietary tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.
- 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 this 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 a pre-seeding fertiliser at 70 g/m2.

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

Whole turves shall be laid ground 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 applied at a rate of 35g/m2 and lightly raked into the surface. The seed shall be rolled with lightly consolidated with a light roller 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 to leave them 75 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 clear of vegetation. Apply at least 7 days before cultivation and at least 14 days before planting. If weeds start growing for 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 when rainfall is not imminent. Do not spray in frosty conditions or when the ground is wet. Check at the contractor's own cost. Repeat as necessary to ensure complete kill and take off-all dead material.

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 necessary to kill all weeds. Allow for the supply of fertiliser, lime and soil improvers in accordance with the manufacturer's instructions. For beds less than 5 metres in width, loosen 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 over 5 metres in width, loosen the soil by mechanical means, such as subsoiling or double digging, to a minimum depth of 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 bricks. It shall have less 20% clay.

7.0 WILDFLOWER AND GRASSLAND MIX

7.1 Preparation
Wildflower 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 removed. 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 applied at a rate of between 2g/m2 and 4g/m2 (depending on the mix, according to supplier's recommendations. After sowing the contractor shall roll the seed into intimate contact with the soil with a rolled 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 roughly throughout the first year of establishment to encourage basal growth and reduce weed competition. Arisings shall be left for a minimum of 24 hours and a maximum of 7 days before being removed or relocated to 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 4031T '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. Sell 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 no.
ACECAMZ	Acer campestre 'Queen Elizabeth'	Field Maple 'Queen Elizabeth'	SStd	350–425cm	14–16cm	7 no.
ACEST	Acer campestre 'Streetwise'	Field Maple	EHStd	350–425cm	14–16cm	15 no.
ALGL	Alnus glutinosa	Common alder	EHStd	350–425cm	14–16cm	7 no.
AMEBA	Amelanchier 'Ballerina'	Serviceberry 'Ballerina'	LStd	250–300cm	6–8cm	1 no.
AMERH	Amelanchier 'Robin Hill'	Serviceberry 'Robin Hill'	SStd	300–350cm	10–12cm	30 no.
BETPE	Betula pendula	Common Silver Birch	EHStd	350–425cm	14–16cm	11 no.
BETPU	Betula pubescens	Downy Birch	EHStd	350–425cm	14–16cm	29 no.
BETUTJA	Betula utilis 'Jacquemontii'	Himalayan Birch	EHStd	350–425cm	14–16cm	3 no.
CARBET	Carpinus betulus	Common Hornbeam	EHStd	350–425cm	14–16cm	18 no.
LIOST	Liquidambar styraciflua	American sweetgum	SStd	300–350cm	10–12cm	4 no.
MALEV	Malus 'Evereste'	Crab Apple 'Evereste'	SStd	300–350cm	10–12cm	25 no.
MALEV	Malus 'Evereste'	Crab Apple 'Evereste'	HStd	350–425cm	14–16cm	6 no.
MADBS	Malus domestica 'Bramley's Seedling'	Apple 'Bramley's Seedling'	MM106 root stock	200–300cm	3 no.	4 no.
MDCOP	Malus domestica 'Cox's Orange Pippin'	Apple 'Cox's Orange Pippin'		300–350cm	10–12cm	4 no.
MALSY	Malus sylvestris	Common Crab Apple		300–350cm	10–12cm	9 no.
MALTRI	Malus trilobata	Crab Apple	SStd	300–350cm	10–12cm	21 no.
PRUDE	Prunus domestica 'Edda'	Plum 'Edda'		300–350cm	10–12cm	4 no.
PRUPA	Prunus padus	Bird Cherry	EHStd	350–425cm	14–16cm	21 no.
PRUSA	Prunus sargentii	Sargent Cherry	SStd	300–350cm	10–12cm	19 no.
PYCB	Pyrus communis 'Beth'	Pear 'Beth'	Quince A root stock	200–300cm	5 no.	6 no.
QUEPE	Quercus petraea	Sessile Oak	EHStd	350–425cm	14–16cm	9 no.
QUERO	Quercus robur	Common Oak	EHStd	350–425cm	14–16cm	15 no.
SACAP	Salix caprea	Goat willow	EHStd	350–425cm	14–16cm	8 no.
SORAU	Sorbus aucuparia	European mountain ash	EHStd	350–425cm	14–16cm	26 no.
SORCA	Sorbus cashmiriana	Kashmir Rowan	SStd	300–350cm	10–12cm	6 no.

PROPOSED SPECIMEN SHRUBS

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

PROPOSED HEDGEROWS

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

PROPOSED INDIVIDUAL SHRUBS

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

PROPOSED ORNAMENTAL SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)	PLANT TO PM
DEFENSIVE 1 SL	AUCJA	Aucuba japonica	5L	40–60cm	Bushy	0.6Ctr	152 no.	
DEFENSIVE 1 SL	BERJU	Berberis julianae	5L	40–60cm	Bushy	0.6Ctr	248 no.	
DEFENSIVE 1 SL	ELAPUMA	Elaeagnus pungens 'Maculata'	5L	40–60cm	Bushy	0.6Ctr	201 no.	
DEFENSIVE 1 SL	OLAMA	Olearia macrodonta	5L	40–60cm	Bushy	0.6Ctr	248 no.	
DEFENSIVE 1 SL	PHOFR	Photinia x fraseri 'Red Robin'	5L	40–60cm	Bushy	0.6Ctr	152 no.	
LARGE ORN MIX 5L	AUCJA	Aucuba japonica	3L	60–80cm	Bushy	0.6Ctr	17 no.	
LARGE ORN MIX 5L	CORALE	Cornus alba 'Elegantissima'	3L	60–80cm	Branched	0.6Ctr	17 no.	
LARGE ORN MIX 5L	ELAPUMA	Elaeagnus pungens 'Maculata'	3L	60–80cm	Bushy	0.6Ctr	22 no.	
LARGE ORN MIX 5L	FATJA	Fatsia japonica	5L	60–80cm	Bushy	0.6Ctr	17 no.	
LARGE ORN MIX 5L	PHOFRRER	Photinia x fraseri 'Red Robin'	5L	60–80cm	Bushy	0.6Ctr	17 no.	
LARGE ORN MIX 5L	PRULU	Prunus lusitanica	5L	40–60cm	Bushy	0.6Ctr	17 no.	
LOW MIX 5L	CEATHR	Ceanothus thyrsiflorus repens	5L	30–40cm	Bushy	0.5Ctr	204 no.	
LOW MIX 5L	HEBPIS	Hebe pinguifolia 'Sutherlandi'	5L	30–40cm	Bushy	0.5Ctr	204 no.	
LOW MIX 5L	LAVANH	Lavandula angustifolia 'Hidcote'	5L	30–40cm	Bushy	0.5Ctr	204 no.	
LOW MIX 5L	LONNMG	Lonicera nitida 'May Green'	5L	30–40cm	Bushy	0.5Ctr	204 no.	
Plot mix shady 1	BERSI	Berberis 'Silberlicht'	3L			0.5Ctr	328 no.	
Plot mix shady 1	EUOGRRO	Euonymus japonicus 'Green Rocket'	3L	30–40cm		0.5Ctr	210 no.	
Plot mix shady 1	HELAR	Helleborus argutifolius	3L		Full Pot	0.5Ctr	210 no.	
Plot mix shady 1	VIBOA	Viburnum opulus	5L	30–40cm		0.5Ctr	98 no.	
Plot mix shady 2	ALCMO	Alchemilla mollis	5L		Full Pot	0.5Ctr	221 no.	
Plot mix shady 2	EUPAMR	Euphorbia amygdaloides robbiae	5L		Full Pot	0.5Ctr	221 no.	
Plot mix shady 2	HELAR	Helleborus argutifolius	3L		Full Pot	0.5Ctr	221 no.	
Plot mix shady 2	VIBDA	Viburnum davidii	5L	30–40cm		0.5Ctr	88 no.	
Plot mix shady 3	AUCJAR	Aucuba japonica 'Rozannie'	5L	30–40cm	Bushy :4 brks	0.5Ctr	116 no.	
Plot mix shady 3	MaA	Mahonia aquifolium 'Apollo'	5L	40–60cm	Branched :3 brks	0.5Ctr	52 no.	
Plot mix shady 3	SAHU	Sarcococca humilis	3L	20–30cm	Bushy :5/6 brks	0.5Ctr	177 no.	
Plot mix shady 3	SoKG	Skimmia confusa 'Kew Green'	5L	30–40cm	Bushy :4 brks	0.5Ctr	116 no.	
Plot mix side 1	AUCJAR	Aucuba japonica 'Rozannie'	5L	30–40cm	Bushy :4 brks	0.5Ctr	162 no.	
Plot mix side 1	CEAREPA	Ceanothus thyrsiflorus repens	5L	30–40cm	Bushy :5 brks	0.5Ctr	162 no.	
Plot mix side 1	EIEG	Euonymus fortunei 'Emerald Gaiety'	5L	25–30cm	Bushy :6/9 brks	0.5Ctr	461 no.	
Plot mix side 1	HEBALRE	Hebe 'Red Edge'	3L		Bushy :5/7 brks	0.5Ctr	117 no.	
Plot mix side 1	LONNMG	Lonicera nitida 'May Green'	5L		Bushy :6/9 brks	0.5Ctr	312 no.	
Plot mix sunny 1	CEAREPA	Ceanothus thyrsiflorus repens	5L	40–60cm	Bushy :5 brks	0.5Ctr	117 no.	
Plot mix sunny 1	HEUPP	Heuchera 'Palace Purple'	3L			0.5Ctr	366 no.	
Plot mix sunny 1	LONNMG	Lonicera nitida 'May Green'	5L	40–60cm	Bushy :8 brks	0.5Ctr	212 no.	
Plot mix sunny 1	SEDHER	Sedum 'Herbstfreude'	3L		Full Pot	0.5Ctr	366 no.	
Plot mix sunny 2	HEBALRE	Hebe 'Red Edge'	3L	30–40cm		0.5Ctr	251 no.	
Plot mix sunny 2	PHOBB	Phormium 'Bronze Baby'	3L	30–40cm		0.5Ctr	251 no.	
Plot mix sunny 2	ROSKE	Rosa 'Kent'	5L	40–60cm	Bushy :5 brks	0.5Ctr	361 no.	
Plot mix sunny 2	VERBO	Verbena bonariensis	3L		Full Pot	0.5Ctr	361 no.	
Plot mix sunny 3	CROLU	Crocosmia 'Lucifer'	3L			0.5Ctr	166 no.	
Plot mix sunny 3	EIEG	Euonymus fortunei 'Emerald Gaiety'	5L	30–40cm	Bushy :6/9 brks	0.5Ctr	240 no.	
Plot mix sunny 3	GERBLUA	Geranium 'Johnson's Blue'	3L			0.5Ctr	166 no.	
Plot mix sunny 3	HEBPIS	Hebe pinguifolia 'Sutherlandi'	5L	40–60cm	Bushy :5 brks	0.5Ctr	240 no.	
RAIN GARDEN MIX 2	ACG	Achillea 'Coronation Gold'	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	AJUPE	Ajuga reptans	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	ARMMA	Armeria maritima	3L			0.5Ctr	62 no.	
RAIN GARDEN MIX 2	CAAO	Calamagrostis acutifolia 'Overdam'	7.5L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	CALAOKF	Calamagrostis acutifolora 'Karl Foerster'	7.5L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	CAMGL	Campanula glomerata	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	CLu	Crocosmia 'Lucifer'	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	DESCA	Deschampsia caespitosa	7.5L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	ECFP	Eupatorium cannabinum 'Flore Pleno'	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	ECHRVED	Echinops ritro 'Veitch's Blue'	3L			0.5Ctr	62 no.	
RAIN GARDEN MIX 2	ELSEMA	Elaeostipa tenacissima 'semperviren	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	IRISTN	Iris sibirica 'Tropic Night'	3L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	MSSB	Miscanthus sinensis 'Sarabande'	7.5L			0.5Ctr	31 no.	
RAIN GARDEN MIX 2	POLSE	Polystichum setiferum	3L			0.5Ctr	62 no.	
RAIN GARDEN MIX 2	RTeG	Rudbeckia fulgida sullivantii 'Goldsturm'	5L			0.5Ctr	62 no.	
RAIN GARDEN MIX 2	VERVIR	Veronicastrum virginicum	3L			0.5Ctr	31 no.	

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 no.
NATIVE HEDGEROW MIX A	CORAV	Corylus avellana		40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 no.
NATIVE HEDGEROW MIX A	ILEAQ	Ilex aquifolium	2L	40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 no.
NATIVE HEDGEROW MIX A	PRUSP	Prunus spinosa		40–60cm	0.25Ctr Double Staggered at 0.25m offset	20%	959 no.
NATIVE HEDGEROW MIX A	ROSCA	Rosa canina	Bare Root	40–60cm	0.25Ctr Double Staggered at 0.25m offset	15%	722 no.
NATIVE HEDGEROW MIX A	VIBOP	Viburnum opulus		40–60cm	0.25Ctr Double Staggered at 0.25m offset	20%	959 no.

PROPOSED NATIVE SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)
NATIVE SHRUB MIX A	CORAV	Corylus avellana	11+1	60–80cm	Transplant 0.7Ctr		30%	84 no.
NATIVE SHRUB MIX A	CRAMON	Crataegus monogyna	11+1	60–80cm	Transplant 0.7Ctr		35%	98 no.
NATIVE SHRUB MIX A	PRUSP	Prunus spinosa	11+1	60–80cm	Transplant 0.7Ctr		20%	57 no.
NATIVE SHRUB MIX A	ROSCA	Rosa canina	11+1	60–80cm	Transplant 0.7Ctr		5%	15 no.
NATIVE SHRUB MIX A	VIBOP	Viburnum opulus	11+1	60–80cm	Transplant 0.7Ctr		10%	29 no.

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 no.
NATIVE BULB MIX D	NARCI	Narcissus pseudonarcissus	Daffodils		10/m²	50%	119.8431m²	1201 no.
							Total: 239.6862m²	

PROPOSED LAWN TURF (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA
Medalon 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 shrubs/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.
- Individual bulbs species to be planted in groups of 5 species stated.
- Hedgerow shrubs to be planted within a 450cm wide bed and mulched.
- Any native hedgerow shrubs to be planted on a double staggered row, 250mm apart with no less than 3 per linear metre within a 50cm wide bed in accordance with implementation and maintenance guidelines. Any hedgerow trees to be planted within the hedgerow as indicated on the drawing and in accordance with the implementation and maintenance guidelines. Hedgerow trees to be staked using a single stake on the windward side of the tree, 1.5m behind the line of the hedgerow stock is proposed, shrubs are to be attached to a double line support line for feathered stock at 1m high and one for transplant stock at 60cm high) fence using an approved clip 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 is to be in accordance with the implementation and maintenance guidelines.
- Seeding operations to be carried out in accordance with the implementation and maintenance guidelines.
- 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 house/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.
- Any bare root trees to be planted 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 3 of 6*

Drawing Ref: **P20-2441.004_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

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