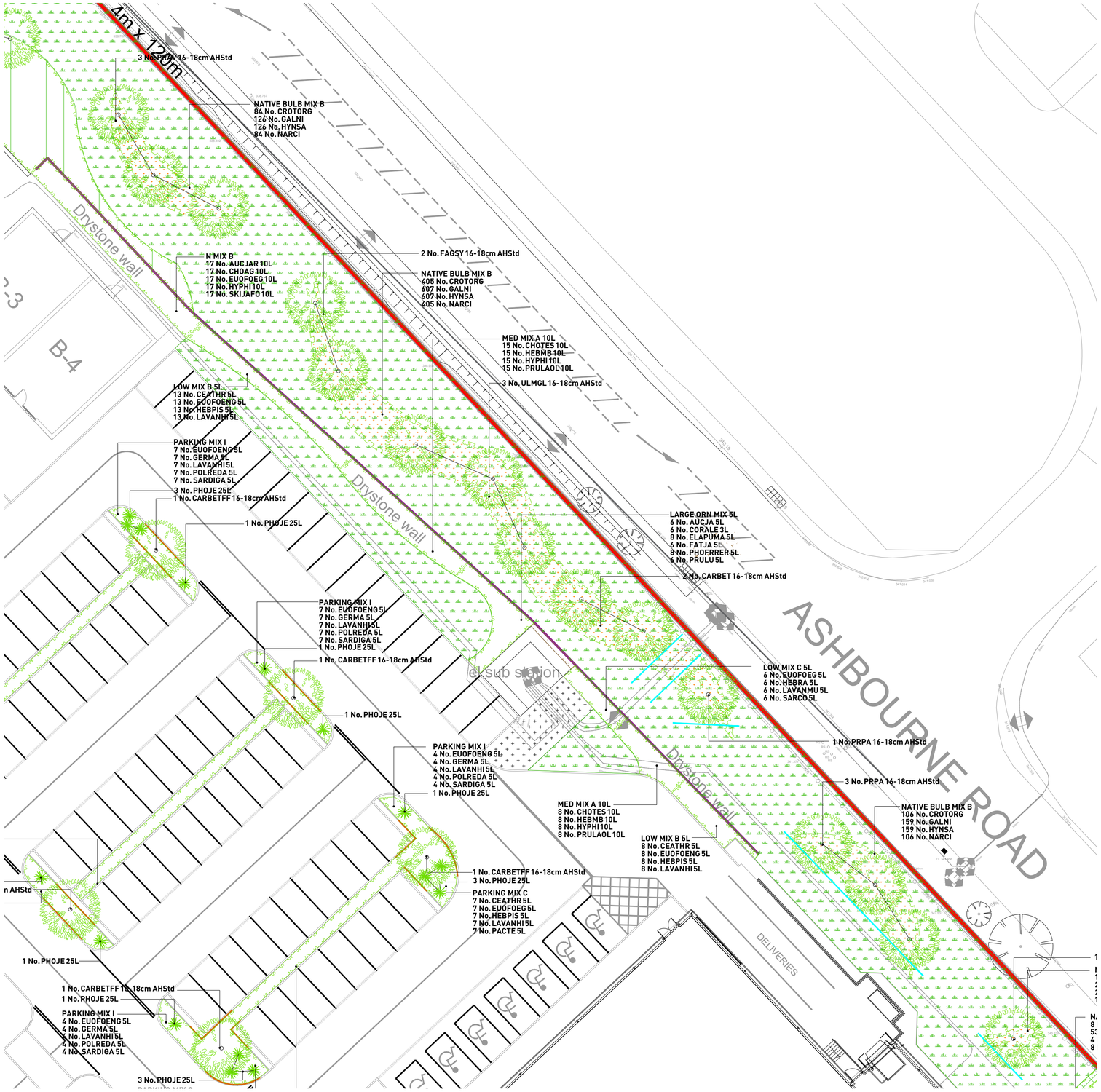

NOTES

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.
- Pond marginal planting to be sourced from certified local provenance plant stock.
- 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.

DESIGN ENVIRONMENT PLANNING ECONOMICS HERITAGE

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KEY

Site boundary

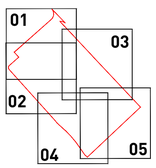
Soft Landscape Proposals
Refer to plant schedule for details.

Gravel margin
25mm grey slate gravel, supplied as local native stone where possible, laid at 50mm over Terram Weedguard geotextile

Extend of underground tree pit
Refer to Typical Tree Pit Details for information.

Root bariers
Root barriers to hard surfaces within 3m of tree planting. ReRoot 600 as supplied by Green Blue Urban or similar approved. Exact location and specification subject to reviewed by drainage engineer and to be agreed with the site engineer.

Root bariers
Root barriers to electrical cabling route within 6m of tree planting. ReRoot 2000 as supplied by Green Blue Urban or similar approved. Exact location and specification subject to reviewed by engineer and to be agreed with the site engineer.



SHEET LOCATION PLAN
NTS

PLANT SCHEDULE

PROPOSED TREES

ABBR	SPECIES	COMMON NAME	SUPPLY	HEIGHT (CM)	GIRTH	QTY (No.)
ACCA	Acer campestre	Common Maple	AHStd	400–450cm	16–18cm	3 –
ACEGOLA	Acer platanoides 'Princeton Gold'	Norway Maple 'Princeton Gold'	AHStd	400–450cm	16–18cm	5 –
ACEPS	Acer pseudoplatanus	Sycamore	SStd	250–350cm	10–12cm	3 –
ACEPS	Acer pseudoplatanus	Sycamore	AHStd	400–450cm	16–18cm	1 –
BEPE	Betula pendula	Common Silver Birch	AHStd	400–450cm	16–18cm	3 –
CARBET	Carpinus betulus	Common Hornbeam	AHStd	400–450cm	16–18cm	2 –
CARBETF	Carpinus betulus 'Fastigiata'	Fastigiate Hornbeam	AHStd	400–450cm	16–18cm	3 –
CARBETFF	Carpinus betulus 'Frans Fontaine'	Hornbeam 'Frans Fontaine'	AHStd	400–450cm	16–18cm	6 –
FAGSY	Fagus sylvatica	Common Beech	SStd	250–350cm	10–12cm	3 –
FAGSY	Fagus sylvatica	Common Beech	AHStd	400–450cm	16–18cm	5 –
PRAV	Prunus avium	Gean or Wild Cherry	AHStd	400–450cm	16–18cm	3 –
PRPA	Prunus padus	Bird Cherry	AHStd	400–450cm	16–18cm	4 –
PYCAC	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	AHStd	400–450cm	16–18cm	3 –
SOAU	Sorbus aucuparia	European mountain ash	SStd	250–350cm	10–12cm	6 –
UMA	Ulmus 'Morton' ACCOLADE	Elm	SM	400–500cm	18–20cm	2 –
ULMGL	Ulmus glabra	Wych Elm	SStd	250–350cm	10–12cm	1 –
ULMGL	Ulmus glabra	Wych Elm	AHStd	400–450cm	16–18cm	3 –

PROPOSED SPECIMEN SHRUBS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES	QTY (No.)
PHOJE	Phormium 'Jester'	25L	100–125cm	Triple Crown	Counted	20 –
PHOWAVA	Phormium 'Yellow Wave'	25L	80–100cm	Triple Crown	Counted	9 –
PIEFF	Pieris 'Forest Flame'	35L	100–125cm	Bushy : Bushy	Counted	2 –

PROPOSED HEDGEROWS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)
ELAEBGE	Elaeagnus x ebbingei 'Gilt Edge'	10L	60–80cm	Bushy	0.5Ctr	54 –
EUOJH	Euonymus 'Jean Hugues'	10L	40–60cm	Bushy	0.5Ctr	218 –

PROPOSED INDIVIDUAL SHRUBS

ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30–40cm	Bushy	0.6Ctr	13 –

PROPOSED ORNAMENTAL SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	QTY (No.)	PLANT TO FRONT
FRONTAGE MIX 3	LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30–40cm	Bushy	0.7Ctr	26 –	
FRONTAGE MIX 3	PITTETT	Pittosporum tenuifolium 'Tom Thumb'	7.5L	30–40cm	Bushy	0.7Ctr	16 –	
FRONTAGE MIX 3	SARCO	Sarcococca confusa	10L	30–40cm	Bushy	0.7Ctr	26 –	
FRONTAGE MIX 3	SKIJARU	Skimmia japonica 'Rubella'	10L	30–40cm	Bushy	0.7Ctr	21 –	
FRONTAGE MIX 3	SPIAR	Stipa arundinacea	2L		Full pot	0.7Ctr	16 –	
LARGE ORN MIX 5L	AUCJA	Aucuba japonica	5L	40–60cm	Bushy	0.75Ctr	20 –	
LARGE ORN MIX 5L	AUCJA	Aucuba japonica	5L	40–60cm	Bushy	0.7Ctr	8 –	
LARGE ORN MIX 5L	CORALE	Cornus alba 'Elegantissima'	3L	60–80cm	Branched	0.75Ctr	20 –	
LARGE ORN MIX 5L	CORALE	Cornus alba 'Elegantissima'	3L	60–80cm	Branched	0.7Ctr	8 –	
LARGE ORN MIX 5L	ELAPUMA	Elaeagnus pungens 'Maculata'	5L	40–60cm	Bushy	0.75Ctr	25 –	
LARGE ORN MIX 5L	ELAPUMA	Elaeagnus pungens 'Maculata'	5L	40–60cm	Bushy	0.7Ctr	10 –	
LARGE ORN MIX 5L	FATJA	Fatsia japonica	5L	40–60cm	Bushy	0.75Ctr	20 –	
LARGE ORN MIX 5L	FATJA	Fatsia japonica	5L	40–60cm	Bushy	0.7Ctr	8 –	
LARGE ORN MIX 5L	PHORRER	Photinia x fraseri 'Red Robin'	5L	40–60cm	Bushy	0.75Ctr	25 –	
LARGE ORN MIX 5L	PHORRER	Photinia x fraseri 'Red Robin'	5L	40–60cm	Bushy	0.7Ctr	10 –	
LARGE ORN MIX 5L	PRULU	Prunus lusitanica	5L	40–60cm	Bushy	0.75Ctr	20 –	
LARGE ORN MIX 5L	PRULU	Prunus lusitanica	5L	40–60cm	Bushy	0.7Ctr	8 –	
LOW MIX B 5L	CEATHR	Ceanothus thyrsiflorus repens	5L	30–40cm	Bushy	0.7Ctr	104 –	
LOW MIX B 5L	EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	5L	30–40cm	Bushy	0.7Ctr	104 –	
LOW MIX B 5L	HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	30–40cm	Bushy	0.7Ctr	104 –	
LOW MIX B 5L	LAVANHI	Lavandula angustifolia 'Hidcote'	5L	30–40cm	Bushy	0.7Ctr	104 –	
LOW MIX C 5L	EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	5L	30–40cm	Bushy	0.7Ctr	66 –	Yes
LOW MIX C 5L	HEBRA	Hebe rakalensis	5L	30–40cm	Bushy	0.7Ctr	66 –	Yes
LOW MIX C 5L	LAVANMU	Lavandula angustifolia 'Munstead'	5L	30–40cm	Bushy	0.7Ctr	66 –	Yes
LOW MIX C 5L	SARCO	Sarcococca confusa	5L	30–40cm	Bushy	0.7Ctr	66 –	
LOW MIX F 10L	LONNISB	Lonicera nitida 'Silver Beauty'	10L	60–80cm	Bushy	0.7Ctr	6 –	
LOW MIX F 10L	PACTE	Pachysandra terminalis	10L	40–60cm	Bushy	0.7Ctr	6 –	
LOW MIX F 10L	SARHOHU	Sarcococca hookerana humilis	10L	40–60cm	Bushy	0.7Ctr	6 –	
LOW MIX F 10L	SKIJARU	Skimmia japonica 'Rubella'	10L	60–80cm	Bushy	0.7Ctr	6 –	
MED MIX A 10L	CHOTES	Choisya ternata 'Sundance'	10L	40–60cm	Bushy	0.7Ctr	56 –	
MED MIX A 10L	HEBMB	Hebe 'Midsummer Beauty'	10L	30–40cm	Bushy	0.7Ctr	56 –	
MED MIX A 10L	HYPHI	Hypericum 'Hidcote'	10L	40–60cm	Bushy	0.7Ctr	56 –	
MED MIX A 10L	PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	60–80cm	Bushy	0.7Ctr	56 –	
N MIX A	CHOAP	Choisya 'Aztec Pearl'	10L	40–60cm	Bushy	0.7Ctr	8 –	
N MIX A	FATJA	Fatsia japonica	10L	60–80cm	Bushy	0.7Ctr	8 –	
N MIX A	LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40–60cm	Bushy	0.7Ctr	8 –	
N MIX A	MAHAQAP	Mahonia aquifolium 'Apollo'	10L	30–40cm	Bushy	0.7Ctr	8 –	Yes
N MIX A	SKIJARU	Skimmia japonica 'Rubella'	10L	40–60cm	Bushy	0.7Ctr	8 –	Yes
N MIX B	AUCJAR	Aucuba japonica 'Rozannie'	10L	40–60cm	Bushy	0.7Ctr	22 –	
N MIX B	CHOAG	Choisya 'Aztec Gold'	10L	40–60cm	Bushy	0.7Ctr	22 –	
N MIX B	EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	10L	30–40cm	Bushy	0.7Ctr	22 –	Yes
N MIX B	HYPHI	Hypericum 'Hidcote'	10L	40–60cm	Bushy	0.7Ctr	22 –	
N MIX B	SKIJAFO	Skimmia japonica 'Foremanii'	10L	40–60cm	Bushy	0.7Ctr	22 –	Yes
PARKING MIX A	BERTHAU	Berberis thunbergii 'Aurea'	5L	30–40cm	Bushy	0.7Ctr	44 –	Yes
PARKING MIX A	CHOSUNA	Choisya ternata 'Sundance'	5L	30–40cm	Bushy	0.7Ctr	44 –	
PARKING MIX A	ESCLAGB	Escallonia laevis 'Gold Brian'	5L	40–60cm	Bushy	0.7Ctr	44 –	Yes
PARKING MIX A	EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	3L	30–40cm	Bushy	0.7Ctr	44 –	Yes
PARKING MIX B	BRASEN	Brachyglottis 'Sunshine'	5L	30–40cm	Bushy	0.7Ctr	21 –	Yes
PARKING MIX B	HEBRA	Hebe rakalensis	5L	30–40cm	Bushy	0.7Ctr	21 –	Yes
PARKING MIX B	LAVANMU	Lavandula angustifolia 'Munstead'	5L	20–30cm	Bushy	0.7Ctr	21 –	Yes
PARKING MIX B	LONNIMG	Lonicera nitida 'May Green'	5L	30–40cm	Bushy	0.7Ctr	21 –	Yes
PARKING MIX C	CEATHR	Ceanothus thyrsiflorus repens	5L	30–40cm	Bushy	0.7Ctr	27 –	
PARKING MIX C	EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	5L	30–40cm	Bushy	0.7Ctr	27 –	Yes
PARKING MIX C	HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	30–40cm	Bushy	0.7Ctr	27 –	Yes
PARKING MIX C	LAVANHI	Lavandula angustifolia 'Hidcote'	5L	30–40cm	Bushy	0.7Ctr	27 –	Yes
PARKING MIX C	PACTE	Pachysandra terminalis	5L	30–40cm	Bushy	0.7Ctr	27 –	Yes
PARKING MIX I	EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	5L	30–40cm	Bushy	0.7Ctr	38 –	Yes
PARKING MIX I	GERMA	Geranium macrorrhizum	5L			0.7Ctr	38 –	
PARKING MIX I	LAVANHI	Lavandula angustifolia 'Hidcote'	5L	20–30cm	Bushy	0.7Ctr	38 –	
PARKING MIX I	POLREDA	Persicaria affinis 'Darjeeling Red'	5L			0.7Ctr	38 –	
PARKING MIX I	SARDIGA	Sarcococca hookeriana digyna	5L	40–60cm	Bushy	0.7Ctr	38 –	
PARKING MIX N	BRASU	Brachyglottis 'Sunshine'	10L	40–60cm	Bushy	0.7Ctr	5 –	Yes
PARKING MIX N	CEATHR	Ceanothus thyrsiflorus repens	10L	40–60cm	Bushy	0.7Ctr	5 –	Yes
PARKING MIX N	LONNIMG	Lonicera nitida 'May Green'	10L	40–60cm	Bushy	0.7Ctr	5 –	
PARKING MIX N	PRULAZA	Prunus laurocerasus 'Zabeliana'	10L	60–80cm	Bushy	0.7Ctr	5 –	

PROPOSED NATIVE MIXED HEDGEROWS / INFILL MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	CENTRES (M)	MIX %	QTY (No.)
NATIVE HEDGEROW MIX B	CORAV	Corylus avellana	T1+1	80–100cm	0.3Ctr	10%	14 –
NATIVE HEDGEROW MIX B	CRAMON	Crataegus monogyna	T1+1	80–100cm	0.3Ctr	75%	94 –
NATIVE HEDGEROW MIX B	ILEAQ	Ilex aquifolium	2L	80–100cm	0.3Ctr	5%	7 –
NATIVE HEDGEROW MIX B	PRUSP	Prunus spinosa	T1+1	80–100cm	0.3Ctr	10%	14 –

PROPOSED NATIVE SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)
NATIVE SHRUB MIX B	CORAV	Corylus avellana	T1+1	60–80cm	Transplant	1Ctr	20%	47 –
NATIVE SHRUB MIX B	CORSA	Cornus sanguinea	T1+1	60–80cm	Transplant	1Ctr	15%	36 –
NATIVE SHRUB MIX B	CRAMON	Crataegus monogyna	T1+1	60–80cm	Transplant	1Ctr	35%	82 –
NATIVE SHRUB MIX B	PRUSP	Prunus spinosa	T1+1	60–80cm	Transplant	1Ctr	15%	36 –
NATIVE SHRUB MIX B	ROSCA	Rosa canina	T1+1	60–80cm	Transplant	1Ctr	5%	12 –
NATIVE SHRUB MIX B	VIBOP	Viburnum opulus	T1+1	60–80cm	Transplant	1Ctr	10%	24 –
NATIVE SHRUB MIX EASEMENT D	CORAV	Corylus avellana	T1+1	60–80cm	Transplant	1Ctr	20%	46 –
NATIVE SHRUB MIX EASEMENT D	LIGVU	Ligustrum vulgare	T1+1	60–80cm	Transplant	1Ctr	20%	46 –
NATIVE SHRUB MIX EASEMENT D	PRUSP	Prunus spinosa	T1+1	60–80cm	Transplant	1Ctr	30%	69 –
NATIVE SHRUB MIX EASEMENT D	SYAL	Symphoricarpos albus	0/1	60–80cm	Transplant	1Ctr	30%	69 –

PROPOSED SEMI-ORNAMENTAL MIXES

MIX NAME	ABBR	SPECIES	SUPPLY	HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)
SEMI ORN MIX SCREEN 5L	COLAC	Cotoneaster lacteus	5L	40–60cm	Bushy	0.75Ctr	20%	14 –
SEMI ORN MIX SCREEN 5L	ILAQ	Ilex aquifolium	5L	60–80cm	Bushy	0.75Ctr	20%	14 –
SEMI ORN MIX SCREEN 5L	LIGOV	Ligustrum ovalifolium	5L	60–80cm	Bushy	0.75Ctr	10%	7 –
SEMI ORN MIX SCREEN 5L	MAHMEC	Mahonia x media 'Charity'	5L	40–60cm	Bushy	0.75Ctr	20%	14 –
SEMI ORN MIX SCREEN 5L	ROSAR	Rosa arvensis	3L	40–60cm	Bushy	0.75Ctr	10%	7 –
SEMI ORN MIX SCREEN 5L	SYCH	Symphoricarpos chenaultii	5L	40–60cm	Bushy	0.75Ctr	10%	7 –
SEMI ORN MIX SCREEN 5L	VIBOP	Viburnum opulus	5L	40–60cm	Bushy	0.75Ctr	10%	7 –

PROPOSED BULBS

MIX NAME	ABBR	SPECIES	COMMON NAME	HABIT	CENTRES (M)	MIX %	AREA	QTY (No.)
NATIVE BULB MIX B	CROTORG	Crocus tommasinianus 'Ruby Giant'			10/m²	20%	73.8327m²	740 –
NATIVE BULB MIX B	GALNI	Galanthus nivalis	Snowdrops		10/m²	30%	110.749m²	1110 –
NATIVE BULB MIX B	HYNSA	Hyacinthoides non-scripta	Bluebells		10/m²	30%	110.749m²	1110 –
NATIVE BULB MIX B	NARCI	Narcissus pseudonarcissus	Daffodils		10/m²	20%	73.8327m²	740 –
							Total:	369.1634m²

PROPOSED WILDFLOWER MEADOW (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA	DENSITY
EM3 – Special Gen. Purpose Meadow	Emorsgate Seeds	1399.7577m²	4g/m²

PROPOSED FLOWERING LAWN MIX (or similar approved)

MIX NAME	SEED MIX SUPPLIER	AREA	DENSITY
EL1 – Flowering Lawn Mix	Emorsgate Seeds	2179.2733m²	4g/m²

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 250litres/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.
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
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.

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, 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 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 lover 50mm diameter,l, 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
In the secondary and subsequent years, the management of the meadow grassland will alter and will be maintained the following way in the long term. To maintain diversity, all meadow grassland areas will be cut two times annually: firstly at the end of July (main hay cut) following flowering, and in September. 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.

E- [02/05/2023 WM] Updated drawing scale.
D- [03/04/2023 WM] Updated to latest layout and utilities.
C- [16/09/2022 WM] Updated to latest layout.
B- [22/07/2021 WM] Updated to latest layout.
A- [23/06/2021 WM] Updated to LPA comments.
Revisions:
First Issue- 02/03/2021 WM

NORTH

Foxlow Farm, Local Centre

Detailed Soft Landscape Proposals (sheet 3 of 5)

Drawing Ref: **P20-2801_05E**

Client: **HENRY DAVIDSON**

Date : 23/02/2021
Drawn by : WM

Scale : 1 : 200 @ A1

Pegasus Group