IMPLEMENTATION & MAINTENANCE GUIDELINES

For implementation and maintenance guidelines refer to standalone document, ref: P24-ROOYI-EN-Implementation Guidelines

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.
- Individual bulb species to be planted in groups of minimum 25 bulbs and 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 60cm 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 single bamboo cane (1800mm long x 12mm diameter) 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 adjustments to the tree pit locations 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.
- 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.

PLANT SCHEDULE

PROPOSED TREES

ABBR	SPECIES	COMMON NAME	SUPPLY HEIGHT (CM)	GIRTH	QTY (No.)
ACECAM	Acer campestre	Common Maple	EHStd	400-450cm	14-16cm 7 -
ACECAME	Acer campestre 'Elsrijk'	Field Maple 'Elsrijk'	EHStd	400-450cm	14-16cm 2 -
ACEPLN	Acer platanoides 'Crimson King'	Norway maple	EHStd	425-625cm	16-18cm 2 -
AESHIP	Aesculus hippocastanum	Horse Chestnut	EHStd	425-625cm	16-18cm 2 -
AMERH	Amelanchier 'Robin Hill'	Serviceberry 'Robin Hill'	EHStd	425-625cm	14-16cm 2 -
BETPE	Betula pendula	Common Silver Birch	Std	250-300cm	8-10cm 3 -
BETPE	Betula pendula	Common Silver Birch	EHStd	425-625cm	14-16cm 6 -
CARBET	Carpinus betulus	Common Hornbeam	EHStd	450-650cm	18-20cm 3 -
CARBET	Carpinus betulus	Common Hornbeam	Std	250-300cm	8-10cm 4 -
CABL	Carpinus betulus 'Lucas'	Hornbeam 'Lucas'	EHStd	425-625cm	14-16cm 1 -
PRAV	Prunus avium	Gean or Wild Cherry	EHStd	425-625cm	14-16cm 2 -
PRAVI	Prunus avium	Gean or Wild Cherry	Std	250-300cm	8-10cm 18 -
PRAV	Prunus avium	Gean or Wild Cherry	EHStd	425-625cm	14-16cm 2 -
PRUCER	Prunus cerasifera 'Pissardi'	Cherry Plum	EHStd	425-625cm	14-16cm 2 -
QUEPE	Quercus petraea	Sessile Oak	Std	250-300cm	8-10cm 6 -
SORAU	Sorbus aucuparia	Whitebeam	EHStd	425-625cm	14-16cm 4 -
SORAU	Sorbus aucuparia	European mountain ash	Std	250-300cm	8-10cm 3 -
TILCO	Tilia cordata 'Greenspire' Shenwater Seedling'	Common Lime 'Greenspire' Seedling'	Std	250-300cm	8-10cm 5 -
TILCO	Tilia cordata	Littleleaf linden	Std	250-300cm	8-10cm 7 -
TILCOGR	Tilia cordata 'Green Spire'	Green Spire Lime	EHStd	450-625cm	16-18cm 3 -
TICG	Tilia cordata 'Green Spire'	Green Spire Lime	EHStd	450-625cm	14-16cm 3 -

Total 89 -

PROPOSED SPECIMEN SHRUBS

ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES	QTY (No.)
MAGST	Magnolia Stellata	25L	100-125cm	Bushy	Counted 6 -
PHOFRRER	Photinia fraseri 'Red Robin'	35L	175-200cm	3/4 Std	Counted 5 -

Total 11 -

PROPOSED HEDGEROWS

ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES	MILLENGTH (L/M)	QTY (No.)
ELAEB	Elaeagnus x ebbingei	10L	80-100cm	Bushy 0.5Cr	195.488m	40 -
EUJUH	Euonymus Jean Hugues'	5L	40-60cm	Bushy 0.5Cr	27.579m	56 -
LIGVU	Ligustrum vulgare	3L	80-100cm	Bushy 0.5Cr	141.9023m	299 -
PRULU	Prunus laurocerasus	10L	60-80cm	Bushy 0.5Cr	86.078m	177 -

Total 457.070m Total 933 -

PROPOSED INDIVIDUAL SHRUBS

ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES	M2 AREA (M2)	QTY (No.)
HEBWM	Hebe 'Mrs Winder'	10L	30-40cm	Bushy 0.65Cr	15.6849m²	42 -
ILAQ	Ilex aquifolium	3L	40-60cm	Whip 2Cr	10.542m²	29 -
LAVANVE	Lavandula angustifolia 'Vera'	10L	30-40cm	0.7Cr	8.892m²	20 -
PRUSP	Prunus spinosa			2Cr	10.542m²	29 -
SKICOKEG	Skimmia x confusa 'New Green'	10L	30-40cm	0.7Cr	6.027m²	16 -
SKUARJ	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy 0.7Cr	57.456m²	153 -

Total 283.286m² Total 753 -

PROPOSED ORNAMENTAL SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES (M)	AREA (M2)	QTY (No.)	PLANT TO FRONT
LARGE ORN MIX 3L	AUCJA	Aucuba japonica	3L	30-40cm	Bushy	0.75Cr	16.2065m²	31 -
LARGE ORN MIX 3L	CORALE	Corylus avellana 'Fingerlocksamat'	3L	30-40cm	Bushy	0.75Cr	16.2065m²	31 -
LARGE ORN MIX 3L	ELAPUMA	Elaeagnus pungens 'Maculata'	3L	30-40cm	Bushy	0.75Cr	20.6086m²	41 -
LARGE ORN MIX 3L	FATJA	Fatsia japonica	3L	40-60cm	Bushy	0.75Cr	16.2065m²	31 -
LARGE ORN MIX 3L	PHOFRRER	Photinia x fraseri 'Red Robin'	3L	30-40cm	Bushy	0.75Cr	20.6086m²	41 -
LARGE ORN MIX 3L	PRULU	Prunus lusitanica	3L	40-60cm	Bushy	0.75Cr	16.2065m²	31 -
LOW MIX 3L	CEATHR	Ceanothus thyrsiflorus repens	5L	30-40cm	Bushy	0.75Cr	7.69m²	16 -
LOW MIX 3L	HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	30-40cm	Bushy	0.75Cr	7.69m²	16 -
LOW MIX 3L	LAVANHI	Lavandula angustifolia 'Hidcote'	5L	30-40cm	Bushy	0.75Cr	7.69m²	16 -
LOW MIX 3L	LONNIMG	Lonicera nitida 'May Green'	5L	40-60cm	Bushy	0.75Cr	7.69m²	16 -
LOW MIX F 3L	LONNISB	Lonicera nitida 'Silver Beauty'	3L	30-40cm	Bushy	0.75Cr	13.2864m²	29 -
LOW MIX F 3L	PACTE	Pachysandra terminalis	3L	20-30cm	Bushy	0.75Cr	13.2864m²	29 -
LOW MIX F 3L	SARHOHU	Sarcococca hookeriana humilis	3L	30-40cm	Bushy	0.75Cr	13.2864m²	29 -
LOW MIX F 3L	SKUARJ	Skimmia japonica 'Rubella'	3L	30-40cm	Bushy	0.75Cr	13.2864m²	29 -
PLOT E&W MIX 1	BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Cr	15.6699m²	38 -
PLOT E&W MIX 1	CEATHR	Ceanothus thyrsiflorus repens	5L	30-40cm	Full Pot	0.7Cr	15.6699m²	38 -	Yes
PLOT E&W MIX 1	FESGLEB	Festuca glauca 'Elijah Blue'	5L	40-60cm	Full Pot	0.7Cr	15.6699m²	38 -	Yes
PLOT E&W MIX 1	PHOFLRR	Photinia x fraseri 'Little Red Robin'	10L	40-60cm	Bushy	0.7Cr	15.6699m²	38 -
PLOT E&W MIX 1	PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	30-40cm	Bushy	0.7Cr	15.6699m²	38 -
PLOT S MIX 1	CAREV	Carex oshimensis 'Evergold'	5L		Full Pot	0.7Cr	4.923m²	12 -
PLOT S MIX 1	CISPINA	Cistus 'Silver Pink'	3L		Bushy	0.7Cr	4.923m²	12 -	Yes
PLOT S MIX 1	HEBALRE	Hebe albicians 'Red Edge'	10L	30-40cm	Bushy	0.7Cr	4.923m²	12 -
PLOT S MIX 1	LAVANHI	Lavandula angustifolia 'Hidcote'	3L	30-35cm	Bushy	0.7Cr	4.923m²	12 -	Yes
PLOT S MIX 1	PHOFLRR	Photinia x fraseri 'Little Red Robin'	3L	30-40cm	Bushy	0.7Cr	6.623m²	16 -

Total 292.788m² Total 636 -

PROPOSED NATIVE MIXED HEDGEROWS / INFILL MIXES

MIX NAME	ABBR	SPECIES	SUPPLY HEIGHT (CM)	CENTRES (M)	MIX %	LENGTH (L/M)	QTY (No.)
NATIVE HEDGEROW MIX P FTHD	CORAV	Corylus avellana	T1+1	125-150cm	0.4Cr Double Staggered at 0.3m offset	10%	29.2543m	146 -
NATIVE HEDGEROW MIX P FTHD	CORAV	Corylus avellana	T1+1	125-150cm	0.4Cr Double Staggered at 0.3m offset	10%	29.2543m	146 -
NATIVE HEDGEROW MIX P FTHD	CRAMON	Crataegus monogyna	T1+1	125-150cm	0.4Cr Double Staggered at 0.3m offset	50%	162.6867m	808 -
NATIVE HEDGEROW MIX P FTHD	ILAQ	Ilex aquifolium	T1+1	60-80cm	0.4Cr Double Staggered at 0.3m offset	10%	29.2543m	146 -
NATIVE HEDGEROW MIX P FTHD	PRUSP	Prunus spinosa	T1+1	125-150cm	0.4Cr Double Staggered at 0.3m offset	10%	29.2543m	146 -
NATIVE HEDGEROW MIX P FTHD	VIBOP	Viburnum opulus	T1+1	125-150cm	0.4Cr Double Staggered at 0.3m offset	5%	14.6272m	75 -

Total 292.543m Total 1475 -

PROPOSED NATIVE SHRUB MIXES

MIX NAME	ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)	AREA (M2)
NATIVE SHRUB MIX 7	CORAV	Corylus avellana	T1+1	60-80cm	Transplant	1Cr	30% 228 -	226.6687m²
NATIVE SHRUB MIX 7	CORSA	Cornus sanguinea	T1+1	60-80cm	Transplant	1Cr	5% 38 -	37.7781m²
NATIVE SHRUB MIX 7	CRAMON	Crataegus monogyna	T1+1	60-80cm	Transplant	1Cr	10% 77 -	75.556m²
NATIVE SHRUB MIX 7	ILEAQ	Ilex aquifolium	2L	40-60cm	Bushy	1Cr	5% 38 -	37.7781m²
NATIVE SHRUB MIX 7	PRUSP	Prunus spinosa	T1+1	40-60cm	Transplant	1Cr	20% 153 -	151.0575m²
NATIVE SHRUB MIX 7	ROSARV	Rosa arvensis	T1+1	40-60cm	Transplant	1Cr	5% 38 -	37.7781m²
NATIVE SHRUB MIX 7	SAMNI	Sambucus nigra	T1+1	60-80cm	Transplant	1Cr	5% 38 -	37.7781m²
NATIVE SHRUB MIX 7	VIBOP	Viburnum opulus	T1+1	40-60cm	Transplant	1Cr	5% 38 -	37.7781m²

Total 767 - Total 755.5238m²

PROPOSED NATIVE WOODLAND MIXES

MIX NAME	ABBR	SPECIES	SUPPLY HEIGHT (CM)	HABIT	CENTRES (M)	MIX %	QTY (No.)	AREA (M2)
NATIVE WOODLAND MIX H2	ACECAM	Acer campestre	60-80cm	Standard 1x1 Seedlings	2Cr	10%	57 -	225.0842m²
NATIVE WOODLAND MIX H2	BETPE	Betula pendula	60-80cm	1+0 Seedlings	2Cr	10%	57 -	225.0842m²
NATIVE WOODLAND MIX H2	CORAV	Corylus avellana	T1+1	60-80cm	Whip	2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	CRAMON	Crataegus monogyna	T1+1	60-80cm	Whip	2Cr	10%	225.0842m²
NATIVE WOODLAND MIX H2	ILAQ	Ilex aquifolium	2L	40-60cm	Whip	2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	MALSY	Malus sylvestris		60-80cm	1x1 Seedlings	2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	PICAB	Picea abies		60-80cm	Standard 1x1 Seedlings	2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	PRUSP	Prunus spinosa				2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	Qr	Quercus robur				2Cr	25%	562.7106m²
NATIVE WOODLAND MIX H2	Sau	Sorbus aucuparia				2Cr	5%	19.7442m²
NATIVE WOODLAND MIX H2	Tc	Tilia cordata				2Cr	10%	225.0842m²

Total 2250.842m² Total 571 -

PROPOSED MARGINAL PLANTING

MIX NAME	ABBR	SPECIES	SUPPLY	HABIT	CENTRES (M)	MIX %	QTY (No.)	AREA (M2)
MARGINAL MIX 2	CARAC	Carex acutiformis	1/95ac min.	Plug. Well Rooted	3/m²	20%	61 -	20.0286m²
MARGINAL MIX 2	CARPE	Cardamine pratensis	1/95ac min.	Plug. Well Rooted	3/m²	20%	123 -	40.072m²
MARGINAL MIX 2	CARR	Carex riparia	1/95ac min.	Plug. Well Rooted	3/m²	10%	61 -	20.0286m²
MARGINAL MIX 2	IRIPS	Iris pseudacorus	2L	Full pot. Well Rooted	3/m²	20%	123 -	40.072m²
MARGINAL MIX 2	LYCEU	Lychnis flos-cucul	1/95ac min.	Plug. Well Rooted	3/m²	10%	61 -	20.0286m²
MARGINAL MIX 2	LYTSA	Lythrum salicaria	1/95ac min.	Plug. Well Rooted	3/m²	10%	61 -	20.0286m²
MARGINAL MIX 2	PERAM	Persicaria amphibia	1/95ac min.	Plug. Well Rooted	3/m²	10%	61 -	20.0286m²

Total 200.860m²

PROPOSED BULBS

MIX NAME	ABBR	SPECIES	COMMON NAME	HABIT	CENTRES	(M)MIX %	AREA (M2)	QTY (No.)
BULB MIX A	CROGY	Crocus Golden Yellow'	Dutch Crocus	Bulb	40/m²	16.6%	7.6886m²	309 -
BULB MIX A	CROJDA	Crocus Dorothy D'Ard	Dutch Crocus	Bulb	40/m²	16.6%	7.6886m²	309 -
BULB MIX A	CROOB	Crocus Queen of the Blues	Dutch Crocus	Bulb	40/m²	16.6%	7.6886m²	309 -
BULB MIX A	NARCA	Narcissus Canaliculatus	Dwarf Daffodils	Bulb	40/m²	16.6%	7.7919m²	314 -
BULB MIX A	NARFG	Narcissus February Gold	Dwarf Daffodil	Bulb	40/m²	16.6%	7.6886m²	309 -
BULB MIX A	NARJF	Narcissus Jet Fire	Dwarf Daffodil	Bulb	40/m²	16.6%	7.6886m²	309 -

Total 46.317m²

PROPOSED LAWN TURF (or similar approved):
MIX NAME: SEED MIX SUPPLIER/REA (M2):
Mediation Turf Rolawn Limited 911.0189m²

PROPOSED AMENITY SEED MIX (or similar approved)
MIX NAME: SEED MIX SUPPLIER/REA (M2): DENSITY
A22 (Low Maintenance) Amenity Germinal GB Limited 1075.864m² 50g/m²

PROPOSED WILDFLOWER MEADOW (or similar approved)
MIX NAME: SEED MIX SUPPLIER/REA (M2): DENSITY
EM3 - Special Gen. Purpose Meadow Emorgate Seeds 1584.341m² 4g/m²

PROPOSED WILD FLOWERS FOR WOODLAND (or similar approved)
MIX NAME: SEED MIX SUPPLIER/REA (M2): DENSITY
EWF - Wild Flowers For Woodland Emorgate Seeds 2215.026m² 4g/m²

PROPOSED FLOWERING LAWN MIX (or similar approved)
MIX NAME: SEED MIX SUPPLIER/REA (M2): DENSITY
E3 - Flowering Lawn Mix Emorgate Seeds 5112.769m² 4g/m²

KEY

- Site boundary
- Existing trees and vegetation to be retained
- Soft Landscape Proposals — Refer to plant schedule for details.
- Tarmacadam surfaced footpath — Tarmacadam surface with pcc edging.
- Compacted gravel/hoggin footpath — 50mm rolled hoggin surface on 100m 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. Stef binding gravel layer to be well compacted with vibratory roller.
- Gravel margin — 20mm river gravel or chippings, supplied as local native stone where possible, laid at 50mm over Terram Weedguard geotextile
- Bench seating — Ref: BXLT 4092 Kedleston timber Seat, as supplied by Broxap or similar approved. Bench to be installed with submerged fixing set in concrete footings to manufacturer's specification.
- Litter bin — Ref: BXLS 2916 'Derby Slimline Litter Bin' 90L perforated litter bin, coated in Anthracite Grey - RAL 7016 as supplied by Broxap or similar approved.
- Dog bin — Sirius post mounted dog bin supplied by Broxap or similar approved product
- Tree root barrier location — Location of tree root protection barriers. ReRoot 600 GreenBlue Urban Ltd (or similar approved), 600mm depth to be specified to protect path edge and deflect root growth downwards. ReRoot 1000 GreenBlue Urban Ltd (or similar approved), 1000mm depth to be specified to the edge of the verge and extended minimum of 2m beyond the expected mature tree canopy, or within 2m of services (to be installed on the side of services only) as directed by the project engineers.
- Existing public right of way
- National Forest compliant landscape areas: Condition requirement: 0.434ha (20% of site area) Proposed: 0.448ha
- 0.45m high timber kneerail

REV	DATE	DESCRIPTION	REVISED BY	APPROVED BY
C	18.02.25	Updated as per latest layout	AP	AP
A	18.12.24	Updated as per latest layout	HA	AP
-	13.12.24	FIRST ISSUE	HA	AP

MAIN STREET, STANTON UNDER BARDON

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