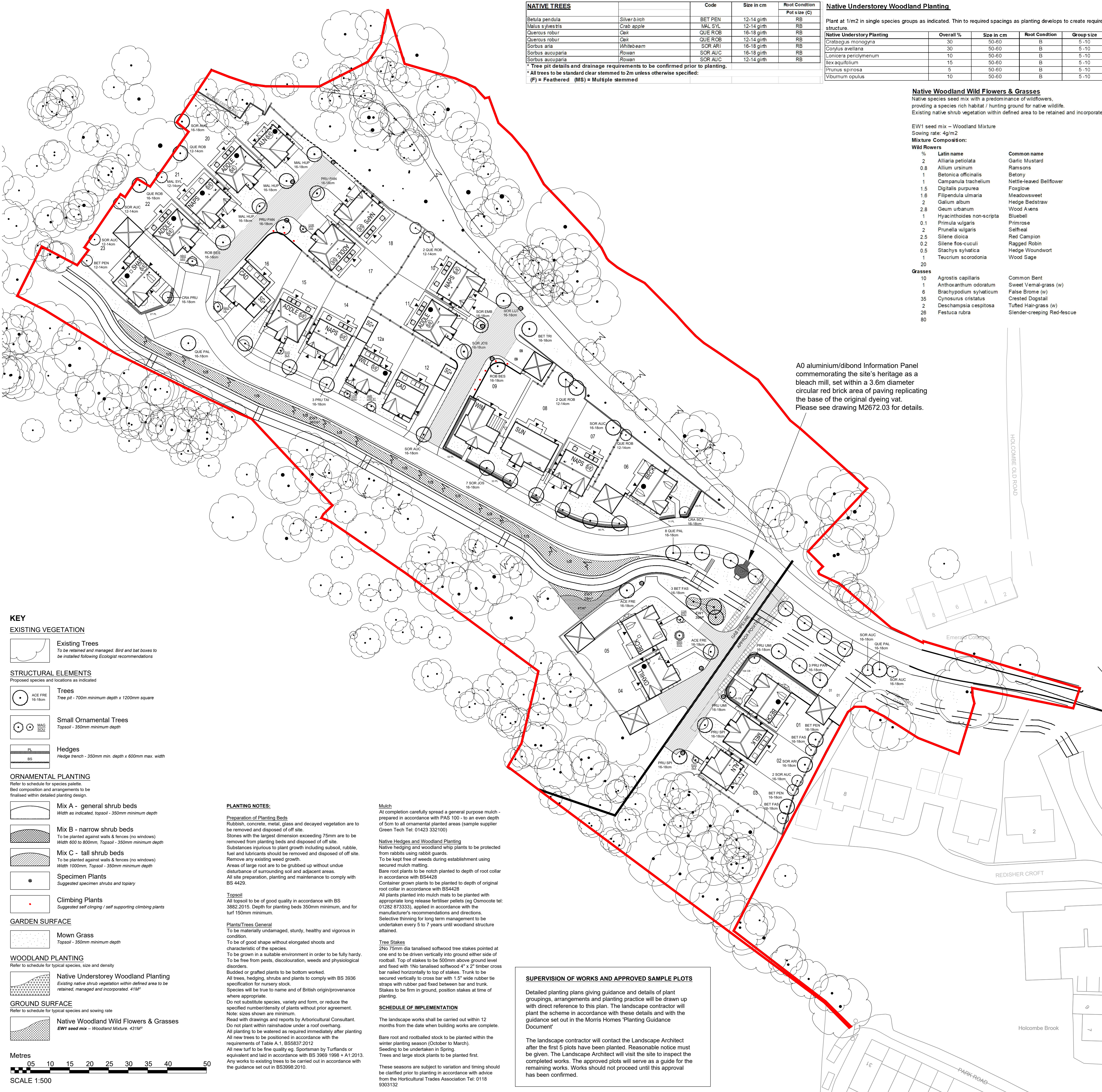




NATIVE TREES		Code	Size in cm	Root Condition
Betula pendula	Silver birch	BET PEN	12-14 girth	RB
Malus sylvestris	Crab apple	MAL SYL	12-14 girth	RB
Quercus robur	Oak	QUE ROB	16-18 girth	RB
Quercus robur	Oak	QUE ROB	12-14 girth	RB
Sorbus aria	Whitebeam	SOR ARI	16-18 girth	RB
Sorbus aucuparia	Rowan	SOR AUC	16-18 girth	RB
Sorbus aucuparia	Rowan	SOR AUC	12-14 girth	RB

* All trees to be standard clear stemmed to 2m unless otherwise specified:
(F) = Feathered (MS) = Multiple stemmed

Native Understorey Woodland Planting

Plant at 1m/2 in single species groups as indicated. Thin to required spacings as planting develops to create required structure.

Native Understorey Planting	Overall %	Size in cm	Root Condition	Group size
Crataegus monogyna	30	50-60	B	5-10
Corylus avellana	30	50-60	B	5-10
Lonicera periclymenum	10	50-60	B	5-10
Ilex aquifolium	15	50-60	B	5-10
Prunus spinosa	5	50-60	B	5-10
Viburnum opulus	10	50-60	B	5-10

Native Woodland Wild Flowers & Grasses

Native species seed mix with a predominance of wildflowers, providing a species rich habitat / hunting ground for native wildlife. Existing native shrub vegetation within defined area to be retained and incorporated.

EW1 seed mix - Woodland Mixture

Sowing rate: 4g/m2

Mixture Composition:

Wild Flowers	%	Latin name	Common name
1	2	Alliaria petiolata	Garlic Mustard
0.8	1	Allium ursinum	Ramsons
1	1	Betonica officinalis	Betony
1	1	Campanula trachelium	Nettle-leaved Bellflower
1.5	1	Digitalis purpurea	Foxglove
1.6	1	Filipendula ulmaria	Meadowsweet
2	1	Galium album	Hedge Bedstraw
2.8	1	Geum urbanum	Wood Avena
0.1	1	Hyacinthoides non-scripta	Bluebell
0.1	1	Primula vulgaris	Primrose
2	1	Prunella vulgaris	Selfheal
2.5	1	Silene dioica	Red Campion
0.2	1	Silene flos-cuculi	Ragged Robin
0.5	1	Stachys sylvatica	Hedge Woundwort
1	1	Taraxacum officinale	Wood Sage

Grasses	%	Latin name	Common name
10	1	Agrostis capillaris	Common Bent
1	1	Anthoxanthum odoratum	Sweet Vernal-grass (w)
0.8	1	Brachypodium sylvaticum	False Brome (w)
35	1	Cynosurus cristatus	Crested Dogtail
2	1	Deschampsia cespitosa	Tufted Hair-grass (w)
26	1	Festuca rubra	Slender-creeping Red-rescue
80			

A0 aluminium/dibond Information Panel commemorating the site's heritage as a bleach mill, set within a 3.6m diameter circular red brick area of paving replicating the base of the original dyeing vat. Please see drawing M2672.03 for details.

KEY

EXISTING VEGETATION

Existing Trees
To be retained and managed. Bird and bat boxes to be installed following Ecologist recommendations

STRUCTURAL ELEMENTS

Proposed species and locations as indicated

Trees
Tree pit - 700mm minimum depth x 1200mm square

Small Ornamental Trees

Topsoil - 350mm minimum depth

Hedges
Hedge trench - 350mm min. depth x 600mm max. width

ORNAMENTAL PLANTING

Refer to schedule for species palette.
Bed composition and arrangements to be finalised within detailed planting design.

Mix A - general shrub beds
Width as indicated, topsoil - 350mm minimum depth

Mix B - narrow shrub beds
To be planted against walls & fences (no windows)
Width 600 to 800mm, Topsoil - 350mm minimum depth

Mix C - tall shrub beds
To be planted against walls & fences (no windows)
Width 1000mm, Topsoil - 350mm minimum depth

Specimen Plants

Suggested specimen shrubs and topiary

Climbing Plants

Suggested self-clinging / self-supporting climbing plants

GARDEN SURFACE

Mown Grass
Topsoil - 350mm minimum depth

WOODLAND PLANTING

Refer to schedule for typical species, size and density

Native Understorey Woodland Planting

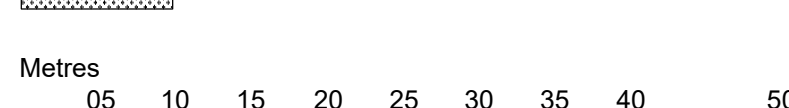
Existing native shrub vegetation within defined area to be retained, managed and incorporated. 41M²

GROUND SURFACE

Refer to schedule for typical species and sowing rate

Native Woodland Wild Flowers & Grasses

EW1 seed mix - Woodland Mixture. 431M²



SCALE 1:500

PLANTING NOTES:

Preparation of Planting Beds
Rubbish, concrete, metal, glass and decayed vegetation are to be removed and disposed of off site.
Stones with the largest dimension exceeding 75mm are to be removed from planting beds and disposed of off site.
Substances injurious to plant growth including subsoil, rubble, fuel and lubricants should be removed and disposed of off site.
Remove any existing weed growth.
Areas of large root are to be grubbed up without undue disturbance of surrounding soil and adjacent areas.
All site preparation, planting and maintenance to comply with BS 4429.

Topsoil
All topsoil to be of good quality in accordance with BS 3882:2015. Depth for planting beds 350mm minimum, and for turf 150mm minimum.

Plants/Trees General
To be materially undamaged, sturdy, healthy and vigorous in condition.

To be of good shape without elongated shoots and characteristic of the species.
To be grown in a suitable environment in order to be fully hardy.
To be free from pests, discoloration, weeds and physiological disorders.
Budded or grafted plants to be bottom worked.

All trees, hedging, shrubs and plants to comply with BS 3336 specification for nursery stock.
Species will be true to name and of British origin/provenance where appropriate.

Do not substitute species, variety and form, or reduce the specified number/density of plants without prior agreement.
Note: sizes shown are minimum.
Read with drawings and reports by Arboricultural Consultant.

Do not plant within rainshadow under a roof overhang.
All new turf to be free quality eg. Sportsman by TurfLands or equivalent and laid in accordance with BS 3969:1998 + A1:2013.
Any works to existing trees to be carried out in accordance with the guidance set out in BS3998:2010.

Mulch
At completion carefully spread a general purpose mulch - prepared in accordance with PAS 100 - to an even depth of 5cm to all ornamental planted areas (sample supplier Green Tech Tel: 01423 332100)

Native Hedges and Woodland Planting
Native hedging and woodland whip plants to be protected from rabbits using rabbit guards.
To be kept free of weeds during establishment using secured mulch matting.
Bare root plants to be notched planted to depth of root collar in accordance with BS4428.
Container grown plants to be planted to depth of original root collar in accordance with BS4428.

All plants planted into mulch mats to be planted with appropriate long release fertiliser pellets (eg. Osmocote tel: 01282 873333), applied in accordance with the manufacturer's recommendations and directions.
Selective thinning for long term management to be undertaken every 5 to 7 years until woodland structure attained.

Tree Stakes
2No 75mm dia lanalised softwood tree stakes pointed at one end to be driven vertically into ground either side of rootball. Top of stakes to be 500mm above ground level and fixed with 1No lanalised softwood 4" x 2" timber cross bar nailed horizontally to top of stakes. Trunk to be secured vertically to cross bar with 1.5" wide rubber tie straps with rubber pad fixed between bar and trunk. Stakes to be firm in ground, position stakes at time of planting.

SCHEDULE OF IMPLEMENTATION

The landscape works shall be carried out within 12 months from the date when building works are complete.

Bare root and rootballed stock to be planted within the winter planting season (October to March).
All planting to be watered as required immediately after planting.
All new trees to be positioned in accordance with the requirements of Table A.1. BS5537:2012.

All new turf to be free quality eg. Sportsman by TurfLands or equivalent and laid in accordance with BS 3969:1998 + A1:2013.
Any works to existing trees to be carried out in accordance with the guidance set out in BS3998:2010.

SUPERVISION OF WORKS AND APPROVED SAMPLE PLOTS

Detailed planting plans giving guidance and details of plant groupings, arrangements and planting practice will be drawn up with direct reference to this plan. The landscape contractor will plant the scheme in accordance with these details and with the guidance set out in the Morris Homes 'Planting Guidance Document'

The landscape contractor will contact the Landscape Architect after the first 5 plots have been planted. Reasonable notice must be given. The Landscape Architect will visit the site to inspect the completed works. The approved plots will serve as a guide for the remaining works. Works should not proceed until this approval has been confirmed.

PLANTING SCHEDULE: M2672

ORNAMENTAL TREES		Code	Size in cm	Root Condition
Garden trees 16-18cm girths				Pot size (C)
Acer freemanii 'Autumn Blaze'	Maple (ornamental)	ACE FRE	16-18 girth	RB
Betula albo-sinensis 'Fascination'	Birch (ornamental)	BET FAS	16-18 girth	RB
Betula pendula	Birch	BET PEN	16-18 girth	RB
Malus hupensis	Weeping birch	BET TRI	16-18 girth	RB
Prunus 'Pandora'	Cherry (ornamental)	PRU PAN	16-18 girth	RB
Prunus 'Spire'	Cherry (ornamental)	PRU SPI	16-18 girth	RB
Prunus Tai-Hoku	Great white cherry	PRU TAI	16-18 girth	RB
Quercus palustris	Pin oak	QUE PAL	16-18 girth	RB
Quercus robur	Oak	QUE ROB	16-18 girth	RB
Robinia pseudoacacia Bessoniensis	False acacia (thornless)	ROB BES	16-18 girth	RB
Sorbus aucuparia	Rowan	SOR AUC	16-18 girth	RB
Sorbus aucuparia 'Joseph Rock'	Rowan (ornamental)	SOR JOS	16-18 girth	RB
Sorbus commixta 'Embley'	Rowan (ornamental)	SOR EMB	16-18 girth	RB
Small garden trees 16-18cm girths				
Crataegus prunifolia Spondens	Hawthorn (ornamental)	CRA PRU	16-18 girth	RB
Crataegus oxyantha 'Paul's Scarlet'	Hawthorn (ornamental)	CRA SCA	16-18 girth	RB
Prunus umbrata	Cherry (ornamental)	PRU UMI	16-18 girth	RB
Small ornamental trees				
Amelanchier lamarckii (standard)	Snowy mesquite	AME LAM ST	175-200cm high	CG
Cornus Florida 'Rainbow'	Flowering dogwood	COR FLO	120-150cm high	CG
Cornus kousa chinensis	Chinese dogwood	COR KOU	120-150cm high	CG
Eunymus alatus 'Red Cascade'	Spindle	EU OALA	120-150cm high	CG
Magnolia x Loebneri 'Leonard Messel'	Magnolia 'Leonard Messel'	MAG LEO	175-200cm high	CG
Magnolia x soulangeana	Chinese magnolia	MAG SOU	175-200cm high	CG
Magnolia wilsoniana	Black Lily magnolia	MAG WIL	175-200cm high	CG

* Tree pit details and drainage requirements to be confirmed prior to planting.

* All trees to be standard clear stemmed to 2m unless otherwise specified:

(F) = Feathered (MS) = Multiple stemmed

HEDGES	Code	Size in cm	Root Condition	Density/Spacing	Final height
Evergreen					
Prunus lusitanica	PL	80-100cm	10L / RB	2.5No / linear m	1.2m
Deciduous					
Carpinus betulus (extra bushy)	CB	100-125cm	Bare root	4No / linear m	1.2m

All hedges planted as a single row. To be trimmed lightly after planting to promote bushy growth.

SPECIMEN PLANTS	Code	Size in cm	Root Condition
Camellia japonica	CAM JAP	100-120cm high	26L
Chamaecyparis lawsonia	CHALAW	120-150cm high	26L
Griselinia littoralis	GR LIT	100-120cm high	26L
Ligustrum ovalifolium 'Aureum'	LIG OAL	100-120cm high	26L
Photinia fraseri 'Red Robin'	PHO RED	120-150cm high	26L
Deciduous garden specimens			
Cornus sanguinea 'Midwinter fire'	COR MID	100-120cm high	26L
Cornus coccinea	COR COG	100-120cm high	26L
Sambucus nigra 'Black Lace'	SAM NIG	100-120cm high	26L
Hydrangea 'Annabelle'	HYD ANA	120-150cm high	26L
Hydrangea paniculata 'Vanille Fraise'	HYD PAN	120-150cm high	26L
Magnolia stellata	MAG STE	100-120cm high	26L
Syringa vulgaris (purple flowers)	SYR VUL	100-120cm high	26L
Syringa vulgaris (white flowers)	SYR VUL (W)	100-120cm high	26L
Viburnum x carcephalum	VIB CAR	100-120cm high	26L
TOPIARY			
Balls			
Buxus sempervirens	BUX SEM ball	50-60cm diam	CG
Ilex aquifolium 'Blue Angel'	ILE BLU ball	50-60cm diam	CG
Cones			
Buxus sempervirens	BUX SEM cone	90-100	CG
Laurus nobilis - cone	LAU NOB cone	90-100	CG
Standards (ball on stem)			
Ilex aquifolium	ILE AQU HS	1.5-1.75m high	CG
Ilex crenata	ILE CRE HS	1.5-1.75m high	CG
Laurus nobilis	LAU NOB HS	1.5-1.75m high	CG
Ligustrum ovalifolium	LIG OAL HS	1.5-1.75m high	CG
Photinia fraseri 'Red Robin'	PHO RED HS	1.5-1.75m high	CG
Viburnum tinus 'Eve Price'	VIB TIN HS	1.5-1.75m high	CG
Climbers on frame			
Clematis montana	CM	1.2-1.5m high	16L F
Jasminum officinale	JO	1.5-1.75m high	16L F
Lonicera periclymenum belgica	LB	1.5-1.75m high	16L F

ORNAMENTAL SHRUBS	Code	Size in cm	Root Condition	Density/spacing (guide only)
			Pot size (C)	
MIX A - GENERAL BEDS - Plant in single species groups of 2, 3 and 5 as detailed in the planting plans				
10L SHRUBS				
Choisya ternata	CT	40-60cm	10L	3/m ²
Choisya ternata 'Sundance'	CS	40-60cm	10L	3/m ²
Cistus x corbariensis	CK	30-40cm	10L	3/m ²
Erysimum 'Bowles's Mauve'	EB	30-40cm	10L	3/m ²
Eunonymus 'Emerald and Gold'	EE	30-40cm	10L	3/m ²
Eunonymus 'Gaiety'	EG	30-40cm	10L	3/m ²
Hebe 'Charming White'	HC	30-40cm	10L	3/m ²
Hebe 'Marjorie'	HJ	30-40cm	10L	3/m ²
Hebe 'Mrs Winder'	HR	30-40cm	10L	3/m ²
Hebe pinguifolia 'Sutherlandii'	HS	30-40cm	10L	3/m ²
Hydrangea macrophyllum 'Blue Wave'	HB	60-80cm	10L	3/m ²
Hydrangea macrophyllum 'Lanarth White'	HW	60-80cm	10L	3/m ²
Lavandula angustifolia 'Hidcote'	LH	30-40cm	10L	3/m ²
Lonicera pileata 'Lemon Beauty'	LP	40-60cm	10L	3/m ²
Philomela fruticosa	PF	40-60cm	10L	3/m ²
Potentilla fruticosa 'Abbotswood'	PA	40-60cm	10L	3/m ²
Potentilla fruticosa 'Elizabeth'	PE	40-60cm	10L	3/m ²
Santolina chamaecyparissus	SC	40-60cm	10L	3/m ²
Skimmia japonica 'Fragrans'	SF	40-60cm	10L	3/m ²
Skimmia japonica 'Rubella'	SA	40-60cm	10L	3/m ²
Skimmia x confusa 'New Green'	SK	40-60cm	10L	3/m ²
Spiraea japonica 'Goldflame'	SG	40-60cm	10L	3/m ²
Viburnum davidii	VD	40-60cm	10L	3/m ²
5L HERBACEOUS PLANTS				
Festuca glauca	FG	N/A	5L	5/m ²
Carex oshimensis 'Ewigold'	CO	N/A	5L	5/m ²
Saxifraga x urbium	SU	N/A	5L	5/m ²
Nepeta 'Six Hills Giant'	NS	N/A	5L	5/m ²
Pericaria affinis	PS	N/A	5L	5/m ²
MIX B - TALL SHRUBS - Narrow beds - Plant in single species groups of 5-7 as detailed in the planting plans				
10L SHRUBS				
Aucuba japonica	AJ	40-60cm	10L	2/m ²
Eleagnus ebbingei 'Limeight'	EL	60-80cm	10L	2/m ²
Eunonymus 'Emerald and Gold'	EE	30-40cm	10L	2/m ²
Eunonymus 'Gaiety'	EG	30-40cm	10L	2/m ²
Eunonymus japonicus 'Aureomarginatus'	EJ	60-80cm	10L	2/m ²
Eunonymus japonicus 'Kathy'	EK	60-80cm	10L	2/m ²
Griselinia littoralis	GL	60-80cm	10L	2/m ²
Ligustrum ovalifolium 'Aureum'	LA	60-80cm	10L	2/m ²
Photinia 'Red Robin'	PR	60-80cm	10L	2/m ²
Prunus lusitanica	PL	60-80cm	10L	2/m ²
Pyracantha 'Orange Glow'	PO	80-100cm	10L	2/m ²
Viburnum tinus 'Eve Price'	VE	60-80cm	10L	2/m ²
5L CLIMBING SHRUBS - edge of bed only				
Hydrangea petiolaris	HP	60-80cm	5L	5/m ²
Parthenocissus tricuspidata 'Velutina'	PV	60-80cm	5L	5/m ²
MIX C - TALL SHRUBS - Wider beds - Plant in single species groups of 5-7 and as individual specimens as detailed in the planting plans				
10L SHRUBS				
Amelanchier lamarckii	AL	80-100cm	10L	2/m ²
Aucuba japonica	AJ	40-60cm	10L	2/m ²
Cornus alba 'Elegantissima'	CE	80-100cm	10L	2/m ²
Cornus alba 'Sibirica'	CS	80-100cm	10L	2/m ²
Cornus sericea 'Flaxinamesa'	CF	80-100cm	10L	2/m ²
Cotinus coccinea	CC	40-60cm	10L	2/m ²
Eleagnus ebbingei 'Limeight'	EL	60-80cm	10L	2/m ²
Eunonymus alatus 'Compacta'	EC	60-80cm	10L	2/m ²
Griselinia littoralis	GL	60-80cm	10L	2/m ²
Hydrangea paniculata 'Vanille Fraise'	HW	60-80cm	10L	2/m ²
Ligustrum ovalifolium 'Aureum'	LA	60-80cm	10L	2/m ²
Philadelphus Belle Etoile'	PR	60-80cm	10L	2/m ²
Photinia 'Red Robin'	PR	60-80cm	10L	2/m ²
Physocarpus opulifolius 'Summer wine'	PW	60-80cm	10L	2/m ²
Prunus laurocerasus 'Rotundifolia'	PU	100-125cm	10L	2/m ²
Prunus lusitanica	PL	60-80cm	10L	2/m ²
Syringa vulgaris (pale purple)	SV	60-80cm	10L	2/m ²
Viburnum opulus 'Roseum'	VO	60-80cm	10L	2/m ²
Viburnum pictum 'Watanabe'	VW	60-80cm	10L	2/m ²
Viburnum tinus 'Eve Price'	VE	40-60cm	10L	2/m ²
Viburnum x carcephalum	VC	60-80cm	10L	2/m ²
5L CLIMBING SHRUBS - edge of bed only				
Hydrangea petiolaris	HP	60-80cm	5L	5/m ²
Parthenocissus tricuspidata 'Velutina'	PV	60-80cm	5L	5/m ²