

- Key**
- Application Site Boundary
 - Existing vegetation to be retained.
 - Existing vegetation to be removed.
- Hard Landscaping**
- Seat Rosin (Ref:BX17-4001) as supplied by Broxap or similar approved.
 - Estate railings: 1.0m high 4-bar. (Colour: Black RAL 1005).
 - Timber gate post [4-way pointed top]: 1.2m high x 150mm x 150mm.
 - Timber post & rail fence: 1.2m high 4-bar.
 - Timber bollard: 0.45m high x 100mm x 100mm
 - Feature seating area: Marshalls Tegula Cobbles 80 x 80mm laid in a radiating pattern as indicated by hatch. Colour: Traditional.
- Ecological Enhancements**
- Schweger 18 Nest box to be installed on existing trees in line with the manufacturer's guidance. As supplied by NBS Ltd (www.nbs.com) or similar approved.
 - Schweger 2F Bat box to be installed on existing trees in line with the manufacturer's guidance. As supplied by NBS Ltd (www.nbs.com) or similar approved.
 - Swift Box - Moorcroft Swift Box (Integrated) to be installed within the property brick work in line with the manufacturer's guidance. As supplied by NBS Ltd (www.nbs.com) or similar approved.
 - Sparrow Terrace - Habitat Tented Sparrow Box (Integrated) to be installed within the property brick work in line with the manufacturer's guidance. As supplied by NBS Ltd (www.nbs.com) or similar approved.
 - Bat Box - Habitat Bat Box 001 (Integrated) to be incorporated within wall of gable end. As supplied by NBS Ltd (www.nbs.com) or similar approved.
 - Hibernacula - to be formed of log piles 0.6m height x 1m width.
 - Hedgehog Access - Small gaps to be created in rear garden fence panels to create a corridor for hedgehogs to have free access through sections of the development. Gaps to be 13cm x 13cm. Ined up to so that hedgehogs can wander in a straight line.

Specification Note:

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the NIA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

No species, variety, size or position to be amended without the Landscape Architects prior approval.

If the formation level is compacted it should be ripped through before topsoiling. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas.

All planting has been indicated making every effort to avoid conflict with highway land. Prior to submission it is the clients responsibility to ensure that all landscaping is reviewed by the project manager/highway engineer to ensure there is no conflict with highway land and future proposals.

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.

If planting conditions are particularly poor e.g. waterlogged/frozen ground or poor soils, the Site Manager must be notified. All works will halt until conditions are considered acceptable.

All planting must be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.

All bare root stock should be root dipped in an approved water-retaining polymer. If planting is required outside the October-March season, bare root trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

Planting in pedestrian visibility splays: Any planting stock specified in pedestrian visibility splays and exceeding 0.6m in height is to be cut down to 0.45m in height at the time of planting. It shall be maintained at a height not exceeding 0.6m in height in perpetuity.

Trees: All tree locations and species must be taken into consideration by the project Structural Engineer to ensure that foundation design accords with the specifications set out under Chapter 4.2 of the NBS Standards. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of tree pit excavation. No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client. Root barriers are to be provided as directed by the project engineer. All trees to be supplied with 2.0m clear stem unless clearly stated otherwise.

Specimen Shrubs: All specimen shrubs to be planted in accordance with horticultural best practice guidelines. No feature shrub or climber species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

Hedgerows: All ornamental hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Saturated stock to be attached to a single line post & wire support fence using an approved clip tie and cut back to 1m in height and a tidy hedgerow form at time of planting. Planting beds to be mulched with 75mm layer of bark.

Instant hedging: Supplied by Ready Hedge (www.readyhedge.com) or similar in 1m troughs. Troughs of hedging to be planted within a 50cm wide bed and mulched with 75mm layer of bark. At the time of planting hedging to be lightly trimmed to sides and top to help integrate hedgerow lengths together.

Native Hedgerows (transplants): All native hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine till. If required suitable soil conditions, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards accompanied with a 15mm diameter min. bamboo can inserted inside the guard and upto a third in its length into the ground. Struts are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufacturer's guidelines. Following planting the ground is to be watered to field capacity.

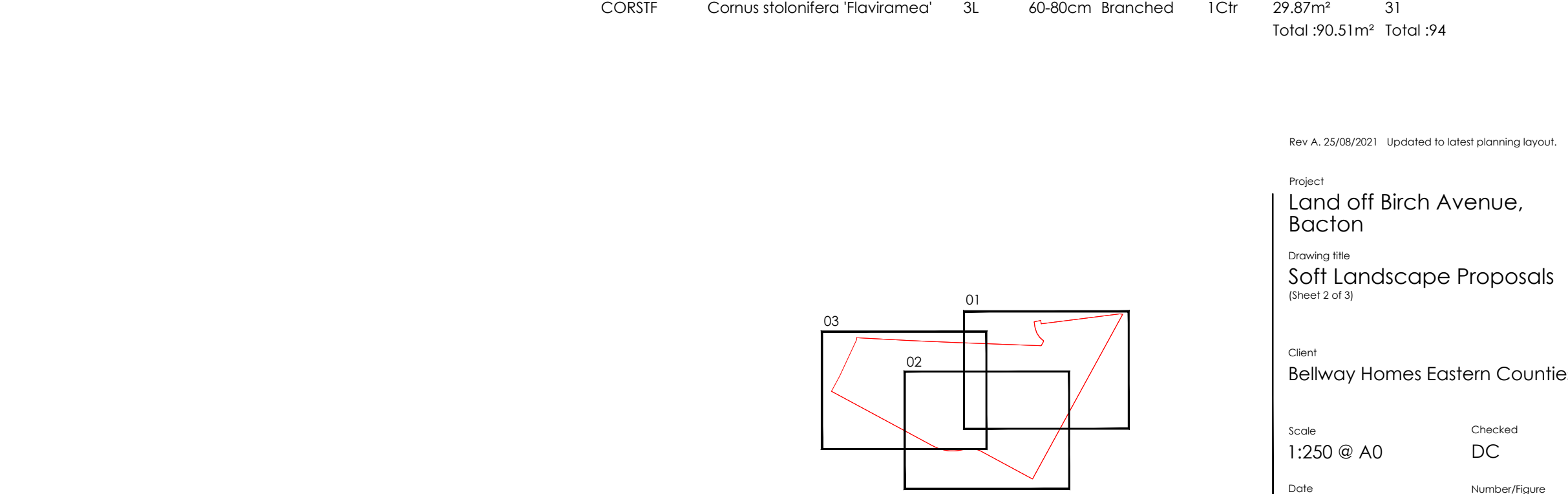
Shrubs & herbaceous (on plot): All ornamental and amenity shrubs to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

Native Shrubs: All shrubs to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine till. If required suitable soil conditions, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards accompanied with a 15mm diameter min. bamboo can inserted inside the guard and upto a third in its length into the ground. Struts are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufacturer's guidelines. Following planting the ground is to be watered to field capacity.

Marginal & Aquatics species: All marginal to be planted in accordance with horticultural best practice guidelines. No marginal species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 12-21.

Bulbs: All bulbs to be planted in accordance with horticultural best practice guidelines. To be planted at 55 bulbs/m2 and arranged in single species drifts.

Native Hedgerow (freethrives): All Hedgerow shrubs to be supplied as bare root unless stated and to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgerow shrubs to be planted on a triple staggered row, 250mm apart with no less than 8 per linear metre as illustrated in the detail below and within a 80cm wide bed. The feathered Hawthorn are to have a upright central stem lunched with every space and balanced lateral growth the full length of the stem. Shrubs to be attached to a double line support (one for the feathered Hawthorn at 1.2m high and one for transplants at 60cm high) fence using an approved clip tie and cut back to 1m in height and a tidy hedgerow form at time of planting. Upon completion trenches to be mulched with 75mm layer of bark.



Plant Schedule

Abbr	Species	Supply	Size	Height	Habit	Density	Length	Number
ACECAM	Acer campestre	3	250-300cm	8-10cm	5			5
MALSY	Malus sylvestris	3	250-300cm	8-10cm	6			6
PRUAV	Prunus avium	3	250-300cm	8-10cm	6			6
PYCOM	Pyrus communis	3	250-300cm	8-10cm	6			6
QUERO	Quercus robur	3	250-300cm	8-10cm	9			9
SORAU	Sorbus aucuparia	3	250-300cm	8-10cm	1			1
SORIO	Sorbus torminalis	3	250-300cm	8-10cm	4			4
TICO	Tilia cordata	3	250-300cm	8-10cm	1			1
AINGL	Alnus glutinosa	3	300-300cm	10-12cm	6			6
AMARI	Amelanchier arborea 'Robin Hill'	3	300-300cm	10-12cm	3			3
BETE	Betula pendula	3	300-300cm	10-12cm	15			15
CARBE	Carpinus betulus	3	300-300cm	10-12cm	6			6
PYCOM	Pyrus communis	3	350-425cm	10-12cm	4			4
SORAU	Sorbus aucuparia	3	350-425cm	10-12cm	11			11
IGUES	Igulus lucidum 'Excelsium Superbum'	3	350-425cm	12-14cm	5			5
CABIG	Calluna bignonioides	3	425-600cm	14-16cm	3			3
KOEPF	Koeleria paniculata	3	425-600cm	14-16cm	1			1
CEJOC	Celtis occidentalis	3	425-600cm	14-16cm	4			4
CARBE	Carpinus betulus	3	425-600cm	14-16cm	5			5
BETJAC	Betula utilis jacquemontii	3	425-600cm	14-16cm	5			5
GLEUNA	Gleditsia triacanthos 'Sunburst'	3	450-625cm	16-18cm	4			4
MAGKO	Magkora kobus	3	450-625cm	16-18cm	4			4
TILBAU	Tilia tomentosa 'Stobran'	3	450-625cm	16-18cm	4			4
MALTI	Malus fibrifera	3	450-625cm	18-20cm	1			1
LEMS	Lex 'Nelle Stevens'	3	450-625cm	18-20cm	9			9
AMARI	Amelanchier arborea 'Robin Hill'	3	450-625cm	18-20cm	1			1
CARBE	Carpinus betulus	3	600cm+	20-25cm	3			3
ACECAM	Acer campestre	3	600cm+	20-25cm	7			7
LIRTU	Liriodendron tulipifera	3	600cm+	20-25cm	1			1
CORCOL	Corylus colurna	3	600cm+	20-25cm	4			4
MALTI	Malus fibrifera	3	600cm+	20-25cm	1			1
ACECOLA	Acer platanoides 'Columnare'	3	600cm+	35-40cm	10			10

Total: 162

Specimen Shrubs

Abbr	Species	Pat Size	Height	Habit	Density	Length	Number
CHOTE	Chioyia ternata	2SL	100-125cm	Bushy	9		21
EUOBRAA	Euonymus japonicus 'Bravo'	2SL	100-120cm	Boat 1/2 Std	10		10
EUOJAPG	Euonymus japonicus 'President Gauthier'	2SL	80-100cm	Bushy	7		7
HAMAPAF	Hamamelis intermedia 'Arnold Promise'	2SL	125-150cm	Branches 12 Brs	4		4
PHOMAM	Phlox 'Maori Maiden'	2SL	100-125cm	Tip Ctn	10		10
PHODAM	Phlox 'Maori Maiden'	2SL	80-100cm	Tip Ctn	4		4
PHOSU	Phlox 'Sundowner'	2SL	100-125cm	Tip Ctn	5		5
PHOWAWA	Phlox 'Yellow-Wave'	2SL	100-125cm	Tip Ctn	4		4
PHOTEV	Phlox 'tenax 'Valegratum'	2SL	100-125cm	Tip Ctn	11		11

Total: 64

Ornamental Hedgerows

Abbr	Species	Pat Size	Height	Habit	Density	Length	Number
ELABEU	Eleagnus ebbingii 'LimeLight'	10L	80-100cm	Bushy 0.4Cr	376.42m	98	
CEJMA	Celtis macrodonata	5L	40-60cm	Bushy 0.4Cr	141.36m	340	
PRULU	Prunus laurocerasus	10L	80-100cm	Bushy 0.4Cr	49.22m	124	
GRULI	Griselinia littoralis	10L	80-100cm	Bushy 0.4Cr	301.06m	740	

Total: 888.04m Total: 2202

Shrubs

Abbr	Species	Pat Size	Height	Habit	Density	Area	Number
CORALE	Cornus alba 'Elegantissima'	SL	60-80cm	Branches 0.8Cr	46.74m²		83
BRASU	Brachyglottis 'Sunshine'	SL	30-40cm	Bushy	0.7Cr	5.48m²	13
CEATHR	Ceanothus thyrsiflorus repens	SL	30-40cm	Bushy	0.7Cr	15.33m²	36
CHOTE	Chioyia ternata	SL	30-40cm	Bushy	0.7Cr	5.48m²	13
CHOTES	Chioyia ternata 'Sundance'	SL	30-40cm	Bushy	0.7Cr	8.88m²	21
ELAPUMA	Eleagnus pungens 'Maculata'	SL	60-80cm	Bushy	0.8Cr	23.76m²	41
EUOENG	Euonymus fortunei 'Emerald 'n' Gold'	SL	30-40cm	Bushy	0.7Cr	43.71m²	103
EUOENG	Euonymus fortunei 'Emerald 'n' Gold'	SL	30-40cm	Bushy	0.7Cr	31.3m²	73
GRULI	Griselinia littoralis	SL	60-80cm	Bushy	0.8Cr	21.08m²	36
HEBWM	Hebe 'Mrs Windar'	SL	40-60cm	Bushy	0.7Cr	26.22m²	62
HEBQ	Hebe obtusifolia 'Red Edge'	SL	30-40cm	Bushy	0.7Cr	9.18m²	21
HEBQ	Hebe obtusifolia 'Red Edge'	SL	30-40cm	Bushy	0.7Cr	9.18m²	21
HEBQ	Hebe pingpingii 'Sutherlandii'	SL	30-40cm	Bushy	0.7Cr	15.33m²	36
LAVANAMU	Lavandula angustifolia 'Hidcoate'	SL	20-30cm	Bushy	0.7Cr	8.88m²	21
LAVANAMU	Lavandula angustifolia 'Wunstead'	SL	20-30cm	Bushy	0.7Cr	14.6m²	32
LOHNBG	Lonicera nitida 'Baggesen's Gold'	SL	30-40cm	Bushy	0.7Cr	5.48m²	13
PHORFER	Phlox 'Frazee Red Robin'	SL	60-80cm	Bushy	0.8Cr	23.09m²	40
PRULACU	Prunus laurocerasus 'Otto Luyken'	SL	30-40cm	Bushy	0.7Cr	7.63m²	18
ROSO	Rosmarinus officinalis	SL	30-40cm	Bushy	0.7Cr	18.5m²	45
SKJAU	Stemodia japonica 'Rubella'	SL	30-40cm	Bushy	0.7Cr	9.18m²	21
VERBO	Verbena bonariensis	SL	Full Pot	0.7Cr	3.20m²	8	
AUCJACR	Aucuba japonica	10L	60-80cm	Bushy	0.8Cr	11.58m²	21
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Cr	30.3m²	70
CEATHR	Ceanothus thyrsiflorus repens	10L	40-60cm	Bushy	0.7Cr	21.61m²	54
CHOTES	Chioyia ternata 'Sundance'	10L	40-60cm	Bushy	0.7Cr	20.94m²	50
CHOTES	Chioyia ternata 'Sundance'	10L	40-60cm	Bushy	0.7Cr	61.71m²	144
ELAPUMA	Eleagnus pungens 'Maculata'	10L	80-100cm	Bushy	0.8Cr	26.07m²	47
EUOENG	Euonymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.7Cr	49.3m²	116
EUOENG	Euonymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.7Cr	38.78m²	89
EUOJAPG	Euonymus japonicus 'Bravo'	10L	60-80cm	Bushy	0.8Cr	4.44m²	9
GRULI	Griselinia littoralis	10L	80-100cm	Bushy	0.8Cr	6.99m²	12
HEBMAR	Hebe 'Marjorie'	10L	60-80cm	Bushy	0.8Cr	14.49m²	26
HEBWM	Hebe 'Mrs Windar'	10L	40-60cm	Bushy	0.7Cr	73.48m²	172
HEBQ	Hebe 'Purple Queen'	10L	40-60cm	Bushy	0.7Cr	13.65m²	32
HEBALRE	Hebe obtusifolia 'Red Edge'	10L	30-40cm	Bushy	0.7Cr	21.61m²	54
HEBPS	Hebe pingpingii 'Sutherlandii'	10L	30-40cm	Bushy	0.7Cr	2.97m²	7
HYPH	Hypericum 'Hidcoate'	10L	60-80cm	Bushy	0.8Cr	14.49m²	26
LECRGG	Lex crenata 'Golden Gem'	10L	30-40cm	Bushy	0.7Cr	3.89m²	9
LAVANAMU	Lavandula angustifolia 'Hidcoate'	10L	30-40cm	Bushy	0.7Cr	49.47m²	115
LAVANAMU	Lavandula angustifolia 'Wunstead'	10L	30-40cm	Bushy	0.7Cr	3.20m²	7
LOHNBG	Lonicera nitida 'Baggesen's Gold'	10L	40-60cm	Bushy	0.7Cr	11.18m²	30
PHORFER	Phlox 'Frazee Red Robin'	10L	80-100cm	Bushy	0.8Cr	13.93m²	26
PRULACU	Prunus laurocerasus 'Otto Luyken'	10L	40-60cm	Bushy	0.7Cr	22.15m²	42
ROSO	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Cr	37.08m²	92
SARHQUH	Sarcococca humilis	10L	30-40cm	Bushy	0.7Cr	12.34m²	29
SKJAU	Stemodia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Cr	10.25m²	24

Total: 909.96m² Total: 2020

Native Mix Hedgerow

Abbr	Species	Supply	Height	Density	Mix %	Length	Number	
ACECAM	Acer campestre	11+1:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	20%	57.34m	383
CORAV	Corylus avellana	11+1:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	10%	28.67m	192
CRKAMF	Cotoneaster macrocarpa	11+1:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	60%	122m	1147
LEAQ	Ilex aquifolium	2L:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	2.5%	7.17m	46
PRUAV	Prunus avium	11+1:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	5%	14.33m	98
VBOP	Viburnum opulus	11+1:3 Breaks BR	60-80cm	0.3Cr Double Staggered	at 0.3m offset	2.5%	7.17m	48

Total: 286.88m Total: 1914

Marginal / Aquatics

Abbr	Species	Supply	Density	Area	Number
CARAC	Carex acuta	Plug 10cc	15m²	22.95m²	345
EPAL	Eleocharis palustris	Plug 10cc	15m²	22.95m²	345
GLTMA	Glyceria maxima	Plug 10cc	15m²	22.95m²	345
RIFS	Ripis glabra	Plug 10cc	15m²	22.95m²	345
JUNEF	Juncus effusus	Plug 10cc	15m²	22.95m²	345
JUNIN	Juncus inflexus	Plug 10cc	15m²	22.95m²	345
SAGSA	Sagittaria sagittifolia	Plug 10cc	15m²	22.95m²	345
SKLA	Scirpus lacustris	Plug 10cc	15m²	22.95m²	345

Total: 191.24m² Total: 2875

Amenity Shrubs

Abbr	Species	Pat Size	Height	Specification	Density	Area	Number
CORALS	Cornus alba 'Sibirica'	3L	60-80cm	Branches	1Cr	29.87m²	31
COSAMF	Cornus sanguinalis 'Hidcoate Fine'	3L	60-80cm	Branches	1Cr	30.77m²	32
CORSTF	Cornus stolonifera 'Flavomara'	3L	60-80cm	Branches	1Cr	29.87m²	31

Total: 90.51m² Total: 94

Project: 03/2022 off Birch Avenue, Bacton
 Drawing No: Soft Landscape Proposals Sheet 2 of 8
 Client: Wellway Homes Eastern Counties
 Scale: 1:250 @ A0
 Date: 07/06/2021
 Checked: DC
 Drawn: G1501 02A