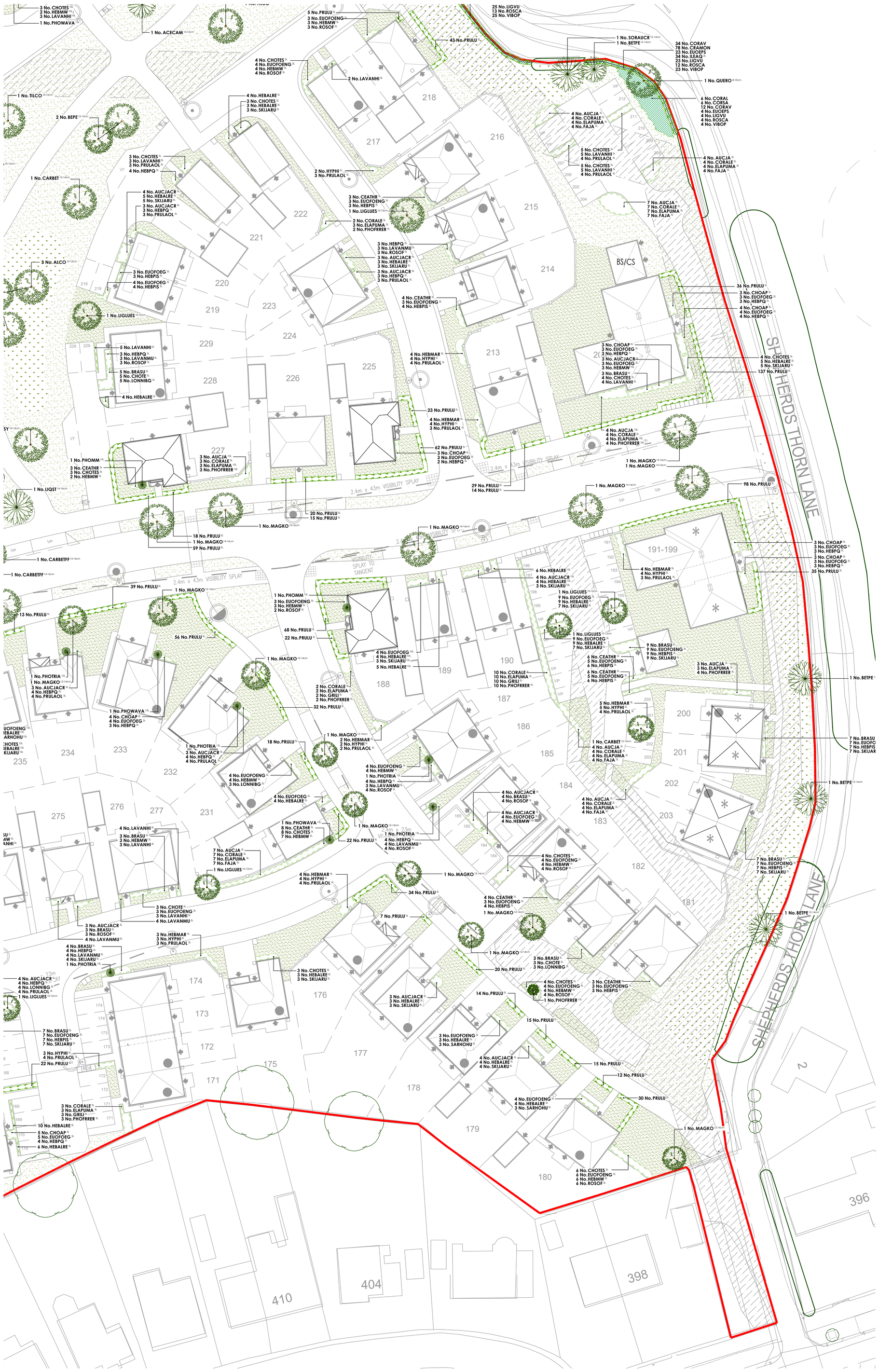

Key

Application Site Boundary

Existing grassland to be retained

Turf & Seeding

Turf to plot frontages to be laid as Rolawn 'Medallion', or similar approved.

Amenity grass - A22 low mainteance seed mixture, as supplied by Germinal (www.germinalamenity.com) or similar approved.

Meadow grassland - EM2, Meadow mixture supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Wetland grass mixture - EM8, seed mixture for wetlands, as supplied by Emorsgate Seeds (www.wildseed.co.uk) or similar approved.

Plant Schedule

Trees

Abbr	Species	Supply	Size	Girth	Number
QUERO	Quercus robur	Std: RB	250-300cm	8-10cm	3
ACECAM	Acer campestre	SStd: BR	300-350cm	10-12cm	13
ALCO	Alnus cordata	SStd: CG	300-350cm	10-12cm	6
BEPE	Betula pendula	SStd: CG	300-350cm	10-12cm	5
FAGSY	Fagus sylvatica	SStd: BR	300-350cm	10-12cm	7
LIGLUES	Ligustrum lucidum 'Excelsum Superbum'	SStd: RB	300-350cm	10-12cm	22
TILCO	Tilia cordata	SStd: CG	300-350cm	10-12cm	8
ACECAM	Acer campestre	HStd: RB	350-425cm	12-14cm	7
AMARH	Amelanchier arborea 'Robin Hill'	HStd: RB	350-425cm	12-14cm	6
BETPE	Betula pendula	HStd: RB	350-400cm	12-14cm	14
CARBET	Carpinus betulus	HStd: RB	350-425cm	12-14cm	7
MAGKO	Magnolia kobus	HStd: RB	350-425cm	12-14cm	18
SORAUCR	Sorbus aucuparia 'Cardinal Royal'	HStd: RB	350-425cm	12-14cm	8
TILCO	Tilia cordata	HStd: RB	350-425cm	12-14cm	9
CARBETFF	Carpinus betulus 'Frans Fontaine'	EHStd: RB	425-600cm	14-16cm	28
LIQST	Liquidambar styraciflua	EHStd: RB	425-600cm	14-16cm	3
MAGKO	Magnolia kobus	EHStd: RB	425-600cm	14-16cm	6
MALTRI	Malus trilobata	EHStd: RB	425-600cm	14-16cm	2
					Total :172

Specimen Shrubs & Climbers

Abbr	Species	Pot Size	Height	Habit	Number
PHOMM	Phormium 'Maori Maiden'	15L	80-100cm	Trp Crn	7
PHOWAVA	Phormium 'Yellow Wave'	15L	80-100cm	Trp Crn	24
PHOTRIA	Phormium cookianum 'Tricolor'	15L	80-100cm	Trp Crn	14
PHOFRRER	Photinia x fraseri 'Red Robin'	25L	150-175cm	Half Std	3
PHOFRRER	Photinia x fraseri 'Red Robin'	15L	100-125cm	Half Std	10
					Total :58

Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number	Length
PRULU	Prunus lusitanica	5L	60-80cm	Bushy	0.3Ctr	2457	722.6m
PRULU	Prunus lusitanica	10L	80-100cm	Bushy	0.4Ctr	105	41.33m
						Total :2562	Total :763.93m

Native Mix Species Hedgerow

Abbr	Species	Supply	Height	Density	Mix %	Number
ILEAQ	Ilex aquifolium	2L: 3 Breaks	40-60cm	0.3Ctr Triple Staggered at 0.3m offset	15%	304
CRAMON	Crataegus monogyna	Fthd x2	125-150cm	0.3Ctr Triple Staggered at 0.3m offset	35%	705
CORAV	Corylus avellana	T1+1: 3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	15%	304
EUOEPS	Euonymus europaeus	T1+1: 3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
LIGVU	Ligustrum vulgare	T1+1: 3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
ROSCA	Rosa canina	T1+1: 3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	5%	103
VIBOP	Viburnum opulus	T1+1: 3 Breaks	60-80cm	0.3Ctr Triple Staggered at 0.3m offset	10%	203
						Total :2025

Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number	Area
BRASU	Brachyglottis 'Sunshine'	3L	20-30cm	Bushy	0.5Ctr	62	14.11m²
CEATHR	Ceanothus thyrsiflorus repens	3L	20-30cm	Bushy	0.5Ctr	12	2.75m²
CHOAP	Choisya 'Aztec Pearl'	3L	30-40cm	Bushy	0.5Ctr	32	7.58m²
CHOTE	Choisya ternata	3L	20-30cm	Bushy	0.5Ctr	6	1.45m²
CHOTES	Choisya ternata 'Sundance'	3L	30-40cm	Bushy	0.5Ctr	20	4.59m²
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branched	0.8Ctr	152	89.26m²
ELAPUMA	Elaeagnus pungens 'Maculata'	3L	30-40cm	Bushy	0.8Ctr	3	1.73m²
EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	3L	20-30cm	Bushy	0.5Ctr	79	18.06m²
EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	3L	20-30cm	Bushy	0.5Ctr	57	13.3m²
GRILI	Griselinia littoralis	3L	40-60cm	Bushy	0.8Ctr	3	1.73m²
HEBMW	Hebe 'Mrs Winder'	3L	20-30cm	Bushy	0.5Ctr	35	8.15m²
HEBPQ	Hebe 'Purple Queen'	3L	20-30cm	Bushy	0.5Ctr	46	10.66m²
HEBALRE	Hebe albicans 'Red Edge'	3L	20-30cm	Bushy	0.5Ctr	51	12.09m²
HEBPIS	Hebe pinguifolia 'Sutherlandii'	3L	20-30cm	Bushy	0.5Ctr	67	15.17m²
HYPHI	Hypericum 'Hidcote'	3L	30-40cm	Bushy	0.8Ctr	6	2.73m²
LAVANHI	Lavandula angustifolia 'Hidcote'	3L	20-30cm	Bushy	0.5Ctr	14	3.34m²
LONNIBG	Lonicera nitida 'Baggesen's Gold'	3L	20-30cm	Bushy	0.5Ctr	13	3.02m²
PHOFRRER	Photinia x fraseri 'Red Robin'	3L	40-60cm	Bushy	0.8Ctr	10	5.54m²
PRULAOL	Prunus laurocerasus 'Otto Luyken'	3L	30-40cm	Bushy	0.8Ctr	8	4.1m²
ROSOF	Rosmarinus officinalis	3L	20-30cm	Bushy	0.5Ctr	12	2.76m²
SKIJARU	Skimmia japonica 'Rubella'	3L	20-30cm	Bushy	0.5Ctr	60	13.88m²
AUCJA	Aucuba japonica	5L	40-60cm	Bushy	0.8Ctr	42	23.04m²
AUCJACR	Aucuba japonica 'Crotonifolia'	5L	30-40cm	Bushy	0.7Ctr	123	49.17m²
BRASU	Brachyglottis 'Sunshine'	5L	30-40cm	Bushy	0.7Ctr	106	44.41m²
CEATHR	Ceanothus thyrsiflorus repens	5L	30-40cm	Bushy	0.7Ctr	114	48.5m²
CHOAP	Choisya 'Aztec Pearl'	5L	30-40cm	Bushy	0.7Ctr	102	44.38m²
CHOTE	Choisya ternata	5L	30-40cm	Bushy	0.7Ctr	63	25.45m²
CHOTES	Choisya ternata 'Sundance'	5L	30-40cm	Bushy	0.7Ctr	125	52.6m²
ELAPUMA	Elaeagnus pungens 'Maculata'	5L	60-80cm	Bushy	0.8Ctr	93	52.89m²
EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	5L	20-30cm	Bushy	0.7Ctr	284	124.53m²
EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	5L	20-30cm	Bushy	0.7Ctr	151	63.98m²
FAJA	Fatsia japonica	5L	40-60cm	Bushy	0.8Ctr	36	20.18m²
GRILI	Griselina littoralis	5L	60-80cm	Bushy	0.8Ctr	33	19.42m²
HEBMAR	Hebe 'Marjorie'	5L	30-40cm	Bushy	0.8Ctr	114	65.67m²
HEBMW	Hebe 'Mrs Winder'	5L	30-40cm	Bushy	0.7Ctr	226	96.44m²
HEBPQ	Hebe 'Purple Queen'	5L	30-40cm	Bushy	0.7Ctr	224	96.86m²
HEBALRE	Hebe albicans 'Red Edge'	5L	20-30cm	Bushy	0.7Ctr	126	55.23m²
HEBPIS	Hebe pinguifolia 'Sutherlandii'	5L	20-30cm	Bushy	0.7Ctr	103	42.54m²
HYPHI	Hypericum 'Hidcote'	5L	30-40cm	Bushy	0.8Ctr	125	71.36m²
LAVANHI	Lavandula angustifolia 'Hidcote'	5L	20-30cm	Bushy	0.7Ctr	223	97.13m²
LAVANMU	Lavandula angustifolia 'Munstead'	5L	20-30cm	Bushy	0.7Ctr	59	25.24m²
LONNIBG	Lonicera nitida 'Baggesen's Gold'	5L	30-40cm	Bushy	0.7Ctr	53	22.46m²
PHOFRRER	Photinia x fraseri 'Red Robin'	5L	60-80cm	Bushy	0.8Ctr	35	20.51m²
PRULAOL	Prunus laurocerasus 'Otto Luyken'	5L	40-60cm	Bushy	0.8Ctr	103	57.14m²
PRULAOL	Prunus laurocerasus 'Otto Luyken'	5L	40-60cm	Bushy	0.7Ctr	88	36.92m²
ROSOF	Rosmarinus officinalis	5L	30-40cm	Bushy	0.7Ctr	143	61.39m²
SARHOHU	Sarcococca humilis	5L	20-30cm	Bushy	0.7Ctr	11	4.96m²
SKIJARU	Skimmia japonica 'Rubella'	5L	30-40cm	Bushy	0.7Ctr	109	46.49m²
VERBO	Verbena bonariensis	5L		Full Pot	0.7Ctr	3	1.36m²
AUCJA	Aucuba japonica	10L	60-80cm	Bushy	0.8Ctr	20	11.71m²
AUCJACR	Aucuba japonica 'Crotonifolia'	10L	40-60cm	Bushy	0.7Ctr	41	16.9m²
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Ctr	31	12.93m²
CHOAP	Choisya 'Aztec Pearl'	10L	40-60cm	Bushy	0.7Ctr	15	6.41m²
CHOTE	Choisya ternata	10L	40-60cm	Bushy	0.7Ctr	18	7.42m²
CHOTES	Choisya ternata 'Sundance'	10L	40-60cm	Bushy	0.7Ctr	113	50.99m²
ELAPUMA	Elaeagnus pungens 'Maculata'	10L	80-100cm	Bushy	0.8Ctr	63	37.87m²
EUOFOENG	Euonymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.7Ctr	70	31.52m²
EUOFOEG	Euonymus fortunei 'Emerald Gaiety'	10L	30-40cm	Bushy	0.7Ctr	40	17.3m²
EUOJABR	Euonymus japonicus 'Bravo'	10L	60-80cm	Bushy	0.8Ctr	7	4.42m²
FATJA	Fatsia japonica	10L	60-80cm	Bushy	0.8Ctr	19	11.55m²
GRILI	Griselinia littoralis	10L	80-100cm	Bushy	0.8Ctr	10	5.89m²
HEBMAR	Hebe 'Marjorie'	10L	40-60cm	Bushy	0.8Ctr	32	19.21m²
HEBMW	Hebe 'Mrs Winder'	10L	40-60cm	Bushy	0.7Ctr	129	57.06m²
HEBPQ	Hebe 'Purple Queen'	10L	40-60cm	Bushy	0.7Ctr	56	24.7m²
HEBALRE	Hebe albicans 'Red Edge'	10L	30-40cm	Bushy	0.7Ctr	61	26.41m²
HEBPIS	Hebe pinguifolia 'Sutherlandii'	10L	30-40cm	Bushy	0.7Ctr	14	6.01m²
HYPHI	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.8Ctr	32	19.21m²
LAVANHI	Lavandula angustifolia 'Hidcote'	10L	30-40cm	Bushy	0.7Ctr	111	47.67m²
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Ctr	14	5.91m²
LONNIBG	Lonicera nitida 'Baggesen's Gold'	10L	40-60cm	Bushy	0.7Ctr	28	12.27m²
PHOFRRER	Photinia x fraseri 'Red Robin'	10L	80-100cm	Bushy	0.8Ctr	42	24.73m²
PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Ctr	26	11.33m²
PRULAOL	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.8Ctr	7	3.94m²
ROSOF	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Ctr	51	23.65m²
SARHOHU	Sarcococca humilis	10L	30-40cm	Bushy	0.7Ctr	9	3.71m²
SKIJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Ctr	32	14.39m²
STIGI	Stipa gigantea	10L		Full Pot	0.7Ctr	12	4.32m²
VIBDA	Viburnum davidii	10L	40-60cm	Bushy	0.7Ctr	37	17.89m²
						Total :4905	Total :2143.57m²

Native Shrub Mix

Abbr	Species	Height	Habit	Density	Number
CORAL	Cornus alba	60-80cm	1+1: 3 Brks	1Ctr	101
CORSA	Cornus sanguinea	60-80cm	1+1: 3 Brks BR	1Ctr	101
CORAV	Corylus avellana	60-80cm	1+1: 3 Brks BR	1Ctr	200
EUOEPS	Euonymus europaeus	60-80cm	1+1: 3 Brks BR	1Ctr	68
LIGVU	Ligustrum vulgare	60-80cm	1+1: 3 Brks BR	1Ctr	68
ROSCA	Rosa canina	60-80cm	1+1: 3 Brks BR	1Ctr	68
VIBOP	Viburnum opulus	60-80cm	1+1: 3 Brks BR	1Ctr	68
					Total :674

Bulbs

Abbreviation	Species	Pot Size	Specification	Density	Number
CROCHBP	Crocus chrysanthus 'Blue Pearl'			50/m²	239
CROCHCB	Crocus chrysanthus 'Cream Beauty'			50/m²	239
GALNI	Galanthus nivalis			50/m²	318
MUSARBS	Muscari armeniacum 'Blue Spire'			50/m²	318
NARCA	Narcissus 'Canaliculatus'			50/m²	239
NARTT	Narcissus 'Tete a Tete'			50/m²	239
					Total :1592

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Plant Healthy Certification Scheme. All plants shall be packed and transported in accordance with good horticultural practice. No species, variety, size or position to be amended without the Landscape Architects prior approval.

All landscape proposals must be referred to by the Structural Engineer during foundation design.

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 not conflict with highway land and future adoptions.

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 trees, ornamental planting and identified native planting to be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.

All bare root stock shall 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 0.60m 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 0.60m in height in perpetuity.

Ground Preparation:
If the formation level is compacted it should be ripped at 1.5m centres using a single line ripper at 1.5m prior to topsoiling and soft landscaping works. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas. For meadow grassland, all areas shall be stripped of topsoil to provide a nutrient-poor substrate for meadow establishment. Topsoil shall be supplied in accordance with BS3882:2015. All soils shall be adequately stonepicked, free of debris or litter and cultivated to a suitable tilth for planting or seeding works in line with good horticultural practice.

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 NHBC 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 and where trees are located closer to site features than the offsets recommended in Table A.1 of BS5837:2012: further guidance can be provided on request. **All trees to be supplied with a minimum 1.8m clear stem unless clearly stated otherwise.** Supply and aftercare shall be in accordance with BS 8545: 2014 Trees: from nursery to independence in the landscape, with aftercare proposals detailed in an accompanying management plan. **All trees to be planted in accordance with the approved tree pit detail. If a tree pit detail has not been provided, it is the Contractor's responsibility to request this from the Client or project Landscape Architect prior to commencement of works.** (Root stock: B - Bare Root, RB - Rooted Balled, CG - Container Grown, C - Containerised).

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

Single Species Hedgerows (Container): 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. Shrubs shall be planted in a single row in a 60-80cm wide bed proportionate to the container size, with plants set back a minimum of 40cm from adjacent hard surfacing and not planted directly over concrete haunching. Planting beds to be mulched with 75mm layer of bark.
Native Hedgerow (Feathered): All Hedgerow shrubs to be supplied as bareroot stock 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 meter as illustrated in the detail below and within a 90cm wide bed. The feathered Hawthorn are to have a upright central stem furnished with evenly spread 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.

Shrubs & herbaceous: 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. Low growing shrubs shall be planted to the front of the bed. All plants shall be set a minimum of 40cm back from adjacent hard surfacing and not planted above haunching. Planting beds to be mulched with 75mm layer of bark.

Native Stock: All transplant and whips 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 plant 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 tilth. If required suitable soil conditioners, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using bio-degradable spiral guards (Rainbow Treebio Biodegradable Spiral Guard) secured with a 15mm diameter min. bamboo can inserted inside the guard and up to a third in its length into the ground. Shrubs and whips are to be planted using a shrub/tree shelter (Treeguard Mesh in green), supported by a timber stake with appropriate tie, fitted in accordance with the manufactures guidelines. Following planting the ground is to be watered to field capacity. Planting beds to site frontages/features areas be mulched with 75mm layer of bark. Guards and shelters to be supplied Green Tech (www.green-tech.co.uk) or similar.

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

Amenity Turf & Seeding: All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m2) advised by manufacturer/supplier. Prior to seeding, ground shall be cultivated to a fine tilth incorporating 150mm of topsoil to finished formation level. All areas shall be free of weed growth and stonepicked prior to turfing/ seeding.

Meadow Grassland:
All turf and seeding to be completed in line with horticultural best practice. Seed to be applied at the rates (g/m2) advised by manufacturer/supplier. Prior to seeding, all areas shall be stripped of topsoil to provide a nutrient-poor subsoil for meadow establishment. Where ground requires additional soil fill to meet finished formation levels this shall be made up using site-won subsoil. Subsoil shall be cultivated to a suitable tilth and be free of weed growth for seeding.

Bulbs: All bulbs to be planted in accordance with horticultural best practice guidelines.

Landscape Institute Registered Practice

Scale Bar
0m 5m 10m 15m 20m 25m

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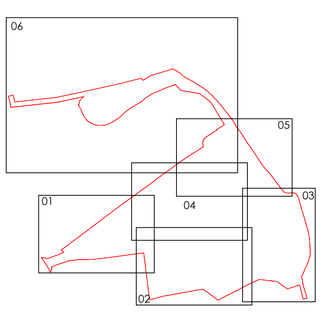

Location Plan

Revisions:

Rev A	27/07/2023	Updated to latest layout and client's comments.
Rev B	21/11/2023	Planting proposal updates.
Rev C	18/12/2023	Additional native hedge added.

Project
Bradley Villa Farm, Huddersfield

Drawing title
Detailed Landscape Proposals
(Sheet 3 of 6)

Client
Redrow Homes - Wakefield

Scale	Drawn	Checked
1:250 @ A0	AF	DC
Date: 03/03/2023	Number/Figure: GL2067 03C	

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landscape architects