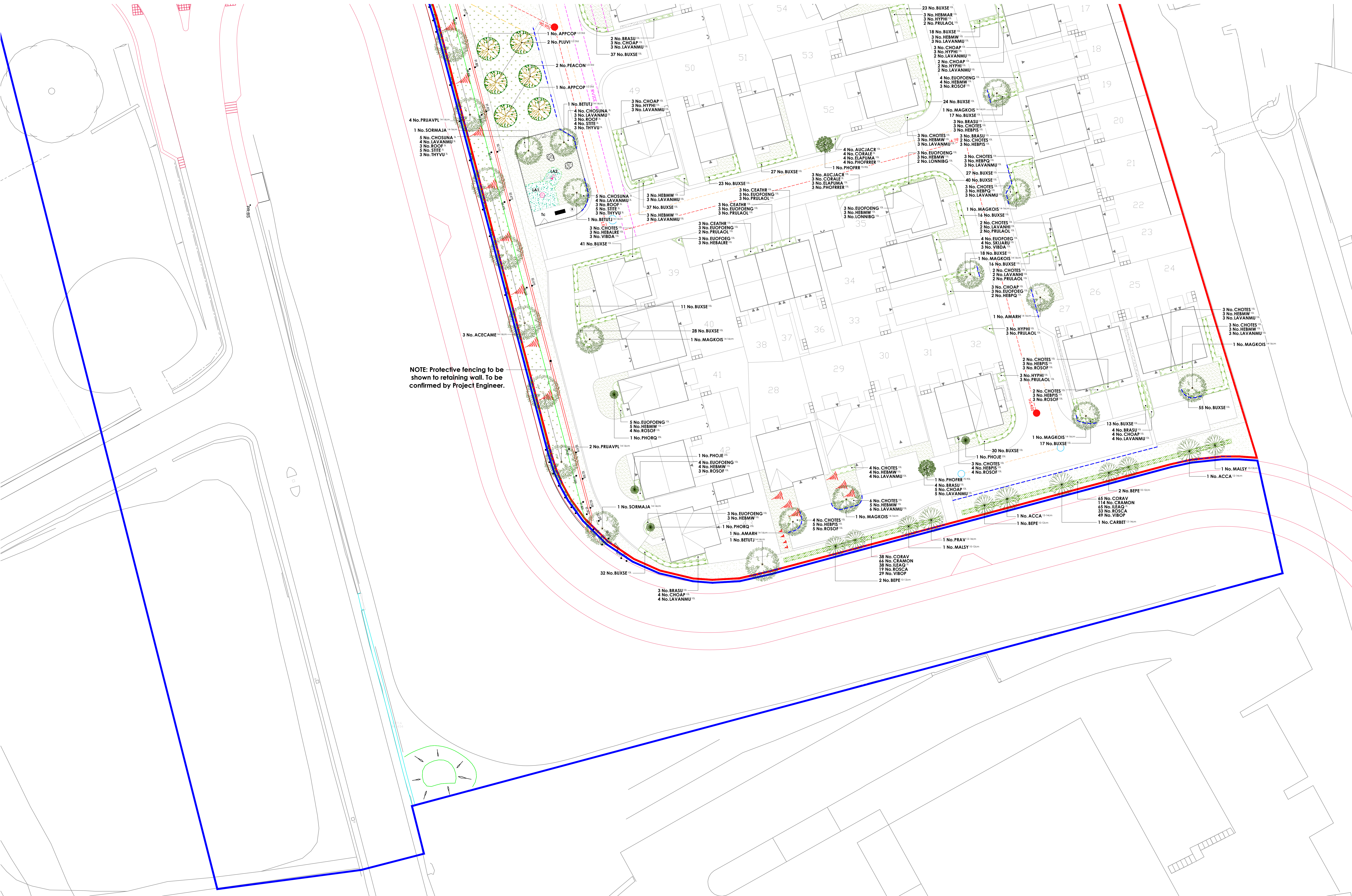




SPECIFICATION NOTES

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the HFA Nursery Certification Scheme. All plants shall be posted 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.

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 lanes. 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 lanes and future adaptations.

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 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/low 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 natural 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 slopes. Any planting stock specified in pedestrian visibility slopes 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.

Ground Preparation

If the formation level is compacted it should be tipped through before topsoiling. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas. For meadow grassland, all areas should be stripped of topsoil to provide a nutrient-poor subsoil for meadow establishment.

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-win subsoil. Subsoil shall be cultivated to a suitable till and be free of weed growth prior to turfing/seeding.

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 HEBIC Standards. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of the 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 a minimum 1.8m 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 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 (Containerised): 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. Planting beds to be mulched with 75mm layer of bark.

Single Species Hedgerows (Rooted): All rooted 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. Rooted hedgerow shrubs to be planted on a single row, 300mm apart one within a 60cm wide bed. The feathered shrubs 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 of 6.0m high and one of 1.2m high) fence using an approved clip tie and cut back to 1.5m in height and a key hedgerow form at time of planting. Upon completion hedges to be mulched with 75mm layer of bark.

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 hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgerow shrubs to be planted on a double staggered row at 400mm centres, 300mm apart with no less than 6 per linear metre. Individual species to be planted in groups of 3:1 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 bio-degradable spiral guards. Random Bio-spiral secured with a 15mm diameter riri, bamboo can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a bio-degradable shrub shelter (or GreenGuard Biodegradable Tree Shelter Guard) and timber stake using natural fibre twill (probiol) natural fibre twill 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.

Shrubs & Hedgerows: All ornamental and amenity shrub 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 3:1 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

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 till incorporating 150mm of topsoil to finished formation level. All areas shall be free of weed growth 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-win subsoil. Subsoil shall be cultivated to a suitable till and be free of weed growth prior to turfing/seeding.

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 double staggered row, 200mm apart with no less than 6 per linear metre as illustrated in the detail below and within a 60cm wide bed. The feathered hedgerow 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 hedgerow at 1.2m high and one for transplants at 6.0m high) fence using an approved clip tie and cut back to 1m in height and a key hedgerow form at time of planting. Upon completion hedges to be mulched with 75mm layer of bark.

PLANT SCHEDULE

Abbr	Species	Supply	Size	Girth	Number
BPEL	Betula pendula	SS1d <Clear Stem 150-175 RB	300-350cm	10-12cm	7
MALSY	Malus sylvestris	SS1d <Clear Stem 150-175 RB	300-350cm	10-12cm	2
ACCE	Acer campestre	HS1d <Clear Stem 175-200 RB	350-425cm	12-14cm	2
CARBET	Carpinus betulus	SS1d <Clear Stem 150-175 RB	300-425cm	12-14cm	1
PRAY	Prunus avium	SS1d <Clear Stem 150-175 RB	350-425cm	12-14cm	2
ACECAM	Acer campestre 'Eclair'	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	7
AMARH	Amygdalier arborea 'Robin Hill'	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	2
BETUL	Betula utilis jacquemontii	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	3
MAGKOS	Magnolia kobus 'Ice'	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	15
PRUAVPL	Prunus avium 'Plena'	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	9
SORMAJA	Sorbus aria 'Majestica'	EH1d <Clear Stem 175-200 RB	425-600cm	14-16cm	2
Total:					52

Fruit Trees - Orchard

Abbr	Species	Supply	Size	Number
APPCOP	Apple 'Cox's Orange Pippin'	Half Standard Root - M25/M106	150-175cm	2
PRACON	Pear 'Conference'	Half Standard Root - Seeding	150-175cm	2
PRUVI	Plum 'Victoria'	Half Standard ST Julien A	150-175cm	2
Total:				6

Specimen Shrubs & Climbers



Abbr	Species	Pot Size	Height	Habit	Number
PHOJE	Phoridium 'Jester'	25L	100-125cm	Trp Crn	4
PHORQ	Phoridium 'Rainbow Queen'	25L	100-125cm	Trp Crn	4
PHOFRR	Phoridnia x fraseri 'Red Robin'	70-90L	250-300cm	HStd: 12-14cm	5
					Total :13

Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number
BUXSE	Buxus sempervirens	10L	60-80cm	Bushy	0.4Ch	1106
						Total: 1106

Native Mix Species Hedgerow

	Abbr	Species	Supply	Height	Density	Mix %	Number
	CORAV	Corylus avellana	T1+1: 3 Breaks	60-80cm	0.3Ch Double Staggered at 0.3m offset	20%	103
	CRAMON	Crataegus monogyna	T1+1: 3 Breaks	100-125cm	0.3Ch Double Staggered at 0.3m offset	35%	180
	LEAQ	Ilex aquifolium	T1: 3 Breaks	40-60cm	0.3Ch Double Staggered at 0.3m offset	20%	103
	ROSCA	Rosa canina	T1+1: 3 Breaks	60-80cm	0.3Ch Double Staggered at 0.3m offset	10%	52
	VIBOP	Viburnum opulus	T1+1: 3 Breaks	60-80cm	0.3Ch Double Staggered at 0.3m offset	15%	78
	Total: 516						

Shrubs

Abbr	Species	Pol Size	Height	Habit	Density	Number
AUCIACR	Aucuba japonica 'Crotanfolia'	10L	60-80cm	Bushy	0.8Ch	12
BRASU	Brachyglottis 'Sunshine'	10L	40-60cm	Bushy	0.7Ch	34
CEATHR	Ceanothus thyrsiflorus repens	10L	60-80cm	Bushy	0.7Ch	12
CHOPAP	Chaetoptelea 'Aster Pearl'	10L	40-60cm	Bushy	0.7Ch	51
CHOTES	Chaetoptelea 'Sundance'	10L	40-60cm	Bushy	0.7Ch	84
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branching	0.8Ch	12
ELAPUMA	Elaeagnus pungens 'Maculata'	10L	80-100cm	Bushy	0.8Ch	12
EUOFENG	Eucalyptus fortunei 'Emerald n' Gold'	10L	30-40cm	Bushy	0.7Ch	56
EUOFENG	Eucalyptus fortunei 'Emerald Goldie'	10L	30-40cm	Bushy	0.7Ch	31
HEBMAR	Hebe 'Majestic'	10L	40-60cm	Bushy	0.7Ch	14
HEBMW	Hebe 'Mrs Winder'	10L	30-40cm	Bushy	0.7Ch	97
HEBPQ	Hebe 'Purple Queen'	10L	30-40cm	Bushy	0.7Ch	28
HEBALR	Hebe albertiana 'Red Edge'	10L	30-40cm	Bushy	0.7Ch	14
HEBPS	Hebe pinguifolia 'Sutherlandii'	10L	30-40cm	Bushy	0.7Ch	44
HYPHI	Hypericum 'Hidcote'	10L	40-60cm	Bushy	0.7Ch	39
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Ch	23
LAVANMU	Lavandula angustifolia 'Munstead'	10L	30-40cm	Bushy	0.7Ch	99
LONNBNG	Lonicera nitida 'Baggesen's Gold'	10L	40-60cm	Bushy	0.7Ch	8
PHOFRR	Phoradendron 'Red Robin'	10L	80-100cm	Bushy	0.8Ch	12
PRUAIOL	Prunus laurocerasus 'Otto Luyken'	10L	40-60cm	Bushy	0.7Ch	44
ROSCOF	Rosmarinus officinalis	10L	40-60cm	Bushy	0.7Ch	41
SKUJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Ch	12
VIBDA	Viburnum davidii	10L	40-60cm	Bushy	0.7Ch	21
Total:						800

Play Area Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number
CHOSUNA	Chaetoptelea 'Sundance'	3L	20-30cm	Bushy	0.6Ctr	14
LAVANMU	Lavandula angustifolia 'Munstead'	3L	20-30cm	Bushy	0.6Ctr	11
ROOF	Rosmarinus officinalis	3L	20-30cm	Bushy	0.6Ctr	9
STITE	Stipa tenuissima	3L		Full Pot	0.6Ctr	14
THYVU	Thymus vulgaris	3L		Full Pot	0.6Ctr	9
Total:						57

Turf Areas

Seed Mix Name	Seed Mix Supplier	Density
Medicinal turf	Rotawin Ltd	4g/m ²

Amenity Grassland Areas

Seed Mix Name	Seed Mix Supplier	Density
EL1 - Flowering Lawn Mix	Emeraldgate Seeds	4g/m ²

Amenity Meadow Areas

Seed Mix Name	Seed Mix Supplier	Density
SW1 - General Purpose Meadow	Emeraldgate Seeds	4g/m ²

Key

Site boundary

Roof barriers

Proposed roof barrier locations. Reroof 600 as supplied by GreenBlue Urban or similar approved. Roof barrier locations and specifications to be agreed with site engineer prior to installation.

KEY - LAP Provision

Seeds

BS17 4001T Roofs steel framed seed supplied with arms, roof fixed supplied by broxap (www.broxap.com) or similar approved.

Litter bin

Derby weyburn (Ref: BX 2550-WBN) steel litter bin as supplied by Broxap or similar approved.

Fencing

Row-top (tall): 1.0m High, (Colour: Black RAL 1005) to be supplied by Jacksons Fencing (www.jacksons-fencing.co.uk) or similar approved.

Pedestrian Gate

1.0m high bow-top self-closing gate (yellow, RAL 1023) anti-rap to BS EN 1176. To be supplied by Jacksons Fencing (www.jacksons-fencing.co.uk) or similar approved.

Maintenance Gate

1.0m high bow-top self-closing gate (yellow, RAL 1023) anti-rap to BS EN 1176. To be supplied by Jacksons Fencing (www.jacksons-fencing.co.uk) or similar approved.

Tarmac

Tarmac with standard pcc edge.

Reinforced Grass Safety Surfacing

To be installed as per play manufacturers specification, in accordance with BS EN 1176.

Play Boulders

Play grade Caledonian boulders (600-900mm diameter) to provide informal seating/climbing features. To be supplied by Playdate (www.playdate.co.uk) or similar approved.

Play Area

Equipment Schedule

LA1 - Gravelly Bowl (Ref: CGBR)
LA2 - Rockin' Rider (Ref: CRRD)

All play equipment as supplied by Playdate (www.playdate.co.uk) or similar product from an approved manufacturer. All equipment to be installed with grass safety surfacing in line with manufacturer guidelines.

All play equipment and layout proposals to be specified in accordance with the requirements set out under BS EN 1176 and Equality Act 2010. Following the agreement of the equipment and layout proposals, the selected manufacturer's details will be submitted to the local council for approval along with the finalised proposals and accompanying certificates and details. Signs are to be supplied and erected that the play area is a Dog Free zone and any other information required. Exact wording to be agreed with the Local Planning Authority.

Project

Penistone Road, Derby Bridge

Drawing No

Soft Landscape Proposals (Sheet 2 of 2)

Client

Homes by Honey

Scale

1:250 @ A0

Date

15/09/2023

Drawn

Checked

JS

JG

15/09/2023

GL2199 02C