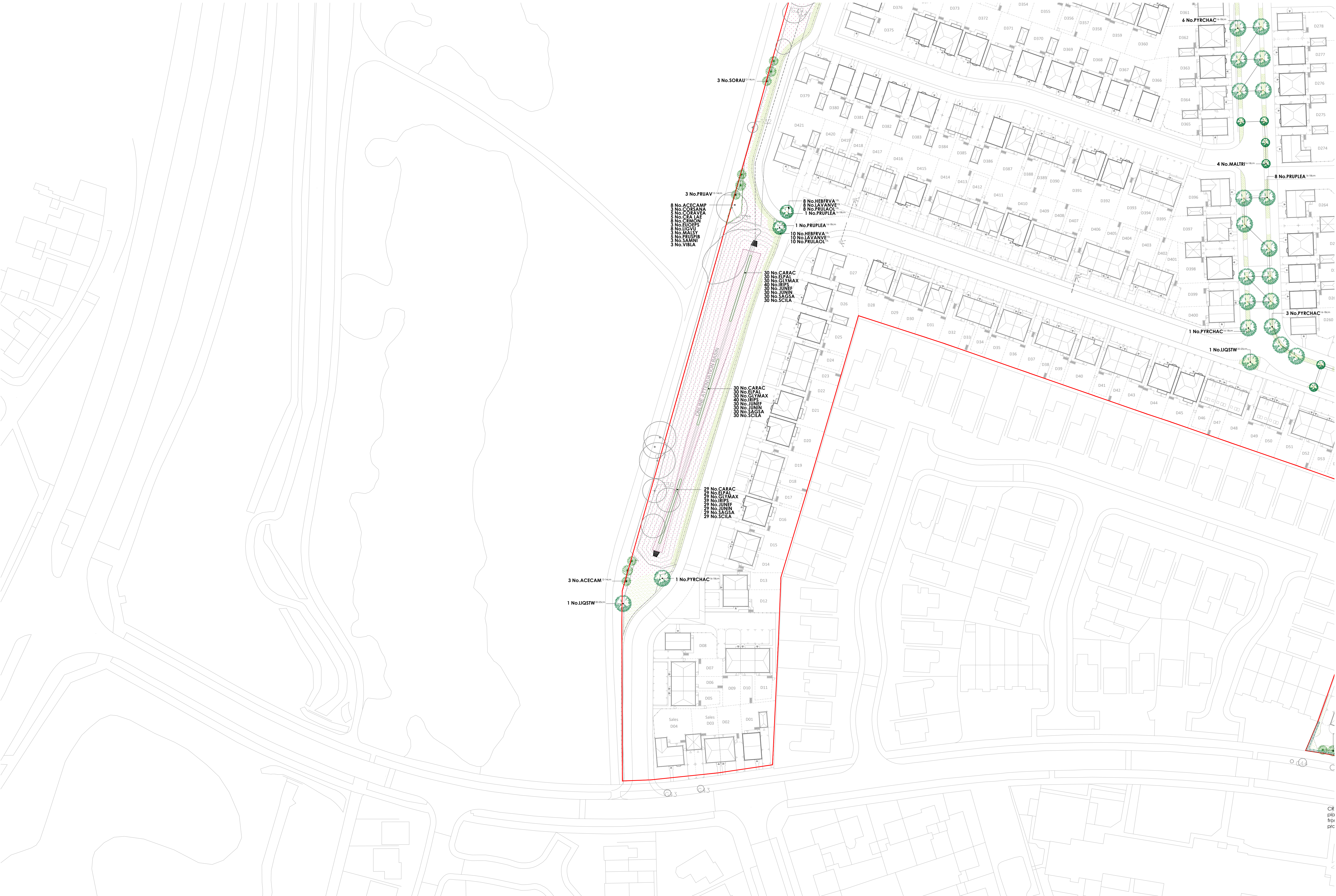




Specification Notes:

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the HTA 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 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 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 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 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.

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. 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.

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. Planting beds to be mulched with 75mm layer of bark.

Instant hedging: Supplied by Ready Hedge (www.readyhedge.co.uk) 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 hedge 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 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 4 per linear metre. 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 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 Bio-spiral) secured with a 15mm diameter min. 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 (gt GreenGuard Biodegradable Tree Shelter Guard) and timber stake using natural fibre ties (Heldford Natural Tree 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.

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.

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 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 Bio-spiral) secured with a 15mm diameter min. 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 (gt GreenGuard Biodegradable Tree Shelter Guard) and timber stake using natural fibre ties (Heldford Natural Tree 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 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.

Key

- Application Site Boundary
- Existing vegetation. Refer to approved tree survey for exact details on tree retention and removal.

PLANT SCHEDULE

Trees	Abbr	Species	Supply	Size	Girth	Number
	ACECAM	Acer campestre	HSId: BR	350-425cm	12-14cm	9
	ACEFEG	Acer platanoides 'Emerald Queen'	HSId: BR	450-425cm	14-18cm	16
	BENI	Betula nigra	HSId: BR	350-425cm	12-14cm	17
	BEPE	Betula pendula	HSId: BR	350-425cm	12-14cm	15
	BEIJACA	Betula utilis jacquemontii	EHId: BR	450-425cm	14-18cm	47
	BEIJACA	Betula utilis jacquemontii	HSId: BR	350-425cm	12-14cm	14
	CARBETTF	Carpinus betulus 'Frons Fontaine'	EHId: BR	450-425cm	14-18cm	35
	FAGPURA	Fagus sylvatica 'Purpurea'	SM: BR	600cm+	20-25cm	2
	FAGPURA	Fagus sylvatica 'Purpurea'	EHId: BR	450-425cm	14-18cm	3
	LIGSTW	Liquidambar styraciflua 'Worplesdon'	SM: BR	600cm+	20-25cm	8
	MAGKO	Magnolia kobus	EHId: BR	450-425cm	14-18cm	3
	MALTRI	Malus tatarica	EHId: BR	450-425cm	14-18cm	24
	MALTS	Malus tatarica	EHId: BR	450-425cm	14-18cm	9
	PRUAV	Prunus avium	HSId: BR	350-425cm	12-14cm	5
	PRUPEA	Prunus avium 'Pena'	EHId: BR	425-400cm	14-16cm	9
	PRUPEA	Prunus avium 'Pena'	EHId: BR	450-425cm	14-18cm	30
	PYRCHAC	Pyrus calleryana 'Chanticleer'	EHId: BR	450-425cm	14-18cm	54
	SORAU	Sorbus aucuparia	HSId: BR	350-425cm	12-14cm	7
	TILCOGR	Tilia cordata 'Green Spice'	EHId: BR	450-425cm	14-18cm	3
						Total: 310

Specimen Shrubs & Climbers

Abbr	Species	Pot Size	Height	Habit	Density	Number
PHOFER	Photinia x fraseri 'Red Robin'	70L	225-250cm	Std: 12-14cm girth	26	26
						Total: 26

Single Species Hedgerows

Abbr	Species	Pot Size	Height	Habit	Density	Number
LAVANVE	Lavandula angustifolia 'Vera'	10L	30-40cm	Bushy	0.35Ctr	457
PRULU	Prunus laurocerasus	10L	80-100cm	Bushy	0.4Ctr	2246
						Total: 2803

Native Hedgerow Mix

Abbr	Species	Pot Size	Height	Habit	Density	Number
CORAV	Corylus avellana	BR	60-80cm	0.4Ctr Triple Staggered at 0.25m offset	327	327
CORAMON	Crataegus monogyna	BR	125-150cm	0.4Ctr Triple Staggered at 0.25m offset	1089	1089
ILEAQ	Ilex aquifolium	2L	40-60cm	0.4Ctr Triple Staggered at 0.25m offset	218	218
PRUSP	Prunus spinosa	BR	60-80cm	0.4Ctr Triple Staggered at 0.25m offset	327	327
ROSCA	Rosa canina	BR	40-60cm	0.4Ctr Triple Staggered at 0.25m offset	66	66
VIBOP	Viburnum opulus	BR	40-60cm	0.4Ctr Triple Staggered at 0.25m offset	153	153
						Total: 2180

Shrubs

Abbr	Species	Pot Size	Height	Habit	Density	Number
AUCVARA	Aucuba japonica 'Variegata'	10L	60-80cm	Bushy	0.7Ctr	120
CHOAP	Choisya 'Aztec Pearl'	10L	40-60cm	Bushy	0.7Ctr	32
CHOIES	Choisya ternata 'Sundance'	10L	40-60cm	Bushy	0.7Ctr	32
CORALB	Cornus alba 'Bergkristall'	10L	80-100cm	Bushy	0.7Ctr	102
CORSAMF	Cornus sanguinea 'Midwinter Fire'	10L	40-60cm	Bushy	0.7Ctr	91
FAJIA	Fatsia japonica	10L	60-80cm	Bushy	0.7Ctr	120
HEBSU	Hebe 'Suffertania'	10L	30-40cm	Bushy	0.7Ctr	9
HEBFRA	Hebe franciscana 'Variegata'	10L	40-60cm	Bushy	0.7Ctr	21
LAVANVE	Lavandula angustifolia 'Vera'	10L	30-40cm	Bushy	0.7Ctr	42
PHOFER	Photinia fraseri 'Red Robin'	10L	80-100cm	Bushy	0.7Ctr	120
PHITET	Philadelphus tenuifolius 'Tom Thumbs'	10L	30-40cm	Bushy	0.7Ctr	35
PHITEVA	Philadelphus tenuifolius 'Variegatum'	10L	40-60cm	Bushy	0.7Ctr	120
PRULADL	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Ctr	21
SKIJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Ctr	32
						Total: 888

Cornus Mix

Abbr	Species	Pot Size	Height	Habit	Density	Number
CORALS	Cornus alba 'Sibirica'	3L	60-80cm	Branched	0.8Ctr	25
CORSAMF	Cornus sanguinea 'Midwinter Fire'	3L	60-80cm	Branched	0.8Ctr	25
CORSIF	Cornus stolonifera 'Flavicomae'	3L	60-80cm	Branched	0.8Ctr	25
						Total: 75

Native Shrub Mix

Abbr	Species	Pot Size	Height	Habit	Density	Number
ACECAM	Acer campestre	40-60cm	BR	1Ctr	8	8
CORSANA	Cornus sanguinea	40-60cm	BR	1Ctr	3	3
CORAVEA	Corylus avellana	40-60cm	BR	1Ctr	5	5
CRA LAE	Crataegus laevigata	40-60cm	BR	1Ctr	5	5
CRMON	Crataegus monogyna	40-60cm	BR	1Ctr	8	8
EUEPS	Eunymia europaeus	40-60cm	BR	1Ctr	3	3
LIGVU	Ligustrum vulgare	40-60cm	BR	1Ctr	8	8
MALSY	Malus sylvestris	40-60cm	BR	1Ctr	3	3
PRUSPB	Prunus spinosa	40-60cm	BR	1Ctr	5	5
SAMNI	Sambucus nigra	40-60cm	BR	1Ctr	3	3
VIBLA	Viburnum lantana	40-60cm	BR	1Ctr	3	3
						Total: 54

Marginal / Aquatics

Abbr	Species	Supply	Pot Size	Density	Area	Number
CARAC	Carex acuta	Plug 100cc	10/m ²	10.98m ²		112
ELPAL	Eleocharis palustris	Plug 100cc	10/m ²	10.98m ²		112
GLYMAX	Glycyrrhiza maxima	Plug 100cc	10/m ²	10.98m ²		112
IRPS	Iris pseudacorus	Plug 100cc	10/m ²	14.63m ²		149
JUNEF	Juncus effusus	Plug 100cc	10/m ²	10.98m ²		112
JUNIN	Juncus inflexus	Plug 100cc	10/m ²	10.98m ²		112
SAGSA	Sagittaria sagittifolia	Plug 100cc	10/m ²	10.98m ²		112
SCILA	Scirpus lacustris	Plug 100cc	10/m ²	10.98m ²		112
						Total: 91.49m ²
						Total: 933

Turf Areas

Seed Mix Name	Seed Mix Supplier
Meditation turf	Rollown Ltd

Amenity Grassland Areas

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

Amenity Meadow Areas

Seed Mix Name	Seed Mix Supplier	Density
EM1 - General Purpose Meadow	Emmorgate Seeds	4g/m ²

SuDS Meadow Areas

Seed Mix Name	Seed Mix Supplier	Density
EM8 - Meadow Mixture for Wetland	Emmorgate Seeds	4g/m ²

Bulbs

Species	No./m ²
Crocus Dutch Collection (50% of area)	
'Queen of the Blues'	10
'Golden Yellow'	10
'Jeanne D'Arc'	10
Dwarf Daffodils (50% of area)	
'February Gold'	10
'Jel' Fire'	10
'Conciliatus'	10

Revisions: A - 01/11/22, updated to latest layout, AD
B - 05/11/22, updated to latest layout, AD
C - 07/11/22, updated to latest layout, AD
D - 07/03/24, updated to latest layout, AD

Project: Cherryfields, Infrastructure

Drawing title: Soft Landscape Proposals

(Sheet 4 of 5)

Client: DWH North West

Scale: 1:500 @ A0

Drawn: AD

Checked: JW

Date: 23/09/2022

Number: GL1859 04D

golby+luck:

landscape architects