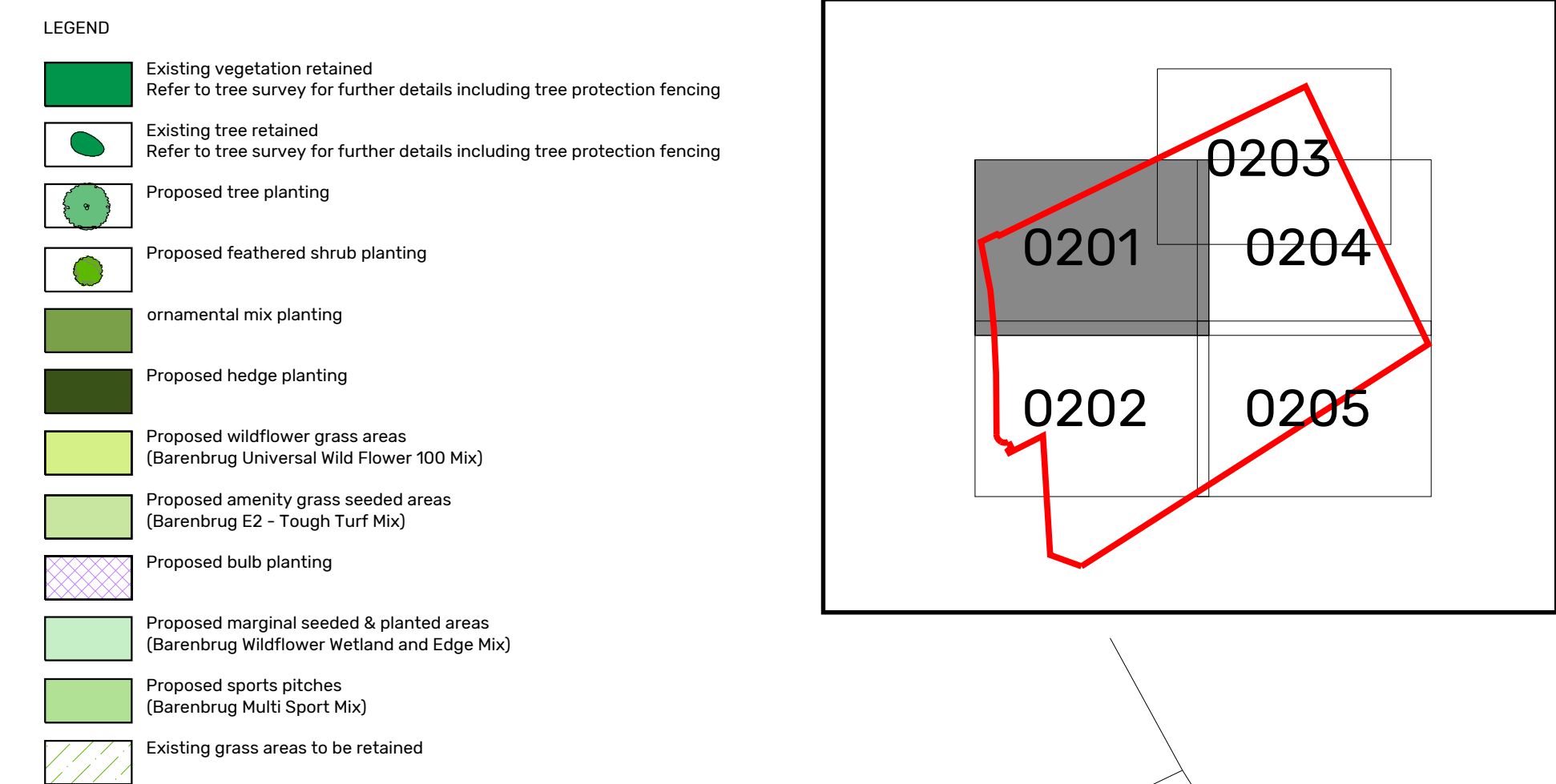




Planting Schedule															
Trees															
Species	Height	Girth	Specification	Density	Number										
Acer campestre 'Elsrijk'	300-400cm	14-16cm	Standard RB	Counted	27										
Alnus glutinosa	300-400cm	14-16cm	Standard RB	Counted	9										
Betula jacquemonti var. utilis	300-400cm	14-16cm	Standard RB	Counted	15										
Fraxinus excarpa 'Raywood'	300-400cm	14-16cm	Standard RB	Counted	2										
Prunus avium 'Flora Plena'	300-400cm	14-16cm	Standard RB	Counted	27										
Quercus robur	300-400cm	14-16cm	Standard RB	Counted	22										
Tilia cordata 'Green Spire'	300-400cm	14-16cm	Standard RB	Counted	12										
					Total: 114										
Shrubs															
Species	Height	Pot Size	Specification	Density	Number										
Bergenia cordifolia 'Eroica'	2L	300	Strong bushy clumps: pot full	9/m ²	221										
Cornus alba 'Sibirica'	90-120cm	20L	Strong bushy plants	Counted	3										
Epimedium perralathicum 'Frohnleiten'	2L	300	Strong bushy clumps: pot full	7/m ²	510										
Hedera helix	2L	30-45cm spread	well grown plants	3/m ²	948										
Hebebus argenteifolius	2L	300	Strong bushy clumps: pot full	5/m ²	77										
Mahonia aquifolium 'Apoll'o'	90-120cm	20L	Strong bushy plants	3/m ²	240										
Osmanthus burkwoodii	90-120cm	20L	Strong bushy plants	Counted	3										
Pachyandra terminalis 'Green Carpet'	2L	300	Bushy min. 9 strong shoots	10/m ²	147										
Philadelphus 'Belle Etoile'	90-120cm	20L	Strong bushy plants	Counted	3										
					Total: 2162										
Bulbs															
Species	Specification	Density	Number												
Hyacinthoides non-scripta	150mm	3358	150												
Narcissus 'February Gold'	12 cm bulbs	75/m ²	15640												
			Total: 46798												
Grasses															
Species	Specification	Pot Size	Density	Number											
Molinia caerulea 'Moorheze'	Strong bushy clumps: pot full	3L	7/m ²	1551											
				Total: 1551											
Perennials															
Species	Specification	Pot Size	Density	Number											
Sanguisorba menziesii	Strong bushy clumps: pot full	2L	Counted	115											
				Total: 115											
Grass Areas															
Description	Seed Mix Name	Seed Mix Supplier	Area												
Seed Mix 'B' E2 - Tough Turf	Barenbrug	4151m ²													
Seed Mix 'A' Multi Sport	Barenbrug	3418m ²													
Seed Mix 'C' Universal Wildflowers 100	Barenbrug	1568m ²													
Seed Mix 'D' Wildflowers - Wetland & Water Edge	Barenbrug	2240m ²													
			Total: 21563m ²												
Native Hedge															
Species	Specification	Height	Pot Size	Density	Number										
Fagus sylvatica	Well feathered potted transplants	45-60cm	2L	0cfr Double Staggered at 0m offset	215										
					Total: 215										
Native Structure Planting - all planted at 1 x 1 m ² grid															
Species	Specification	Height	Pot Size	%	Number										
Cornus alba	Well feathered potted transplants	45-60cm	3L	10%	33										
Cornus sanguinea	Well feathered potted transplants	45-60cm	3L	15%	48										
Corylus avellana	Well feathered potted transplants	45-60cm	3L	15%	48										
Cytisus scoparius	Well feathered potted transplants	45-60cm	3L	10%	33										
Eucalyptus purpurea	Well feathered potted transplants	45-60cm	3L	5%	17										
Sambucus nigra	Well feathered potted transplants	45-60cm	3L	15%	48										
Symphoricarpos albus	Well feathered potted transplants	45-60cm	3L	10%	33										
Viburnum lantana	Well feathered potted transplants	45-60cm	3L	10%	33										
Viburnum opulus	Well feathered potted transplants	45-60cm	3L	10%	33										
					Total: 326										
OUTLINE PLANTING SPECIFICATION															
Generally															
All soft landscape operations are to be undertaken during the first available planting season, immediately following completion of all construction operations, or in accordance with any planning approval conditions, whichever is most applicable. All setting out of trees, shrubs and grass within new soft landscape areas shall be inspected and approved by the Landscape Architect prior to planting operations commencing. Prior to planting, all earthworks associated with landscape operations are to be made good, levels graded to top of back of kerb and mounded as appropriate using approved topsoil as required. Existing topsoiled areas to be subsoil cultivated to a minimum depth of 450mm (where services allow) prior to subsoil cultivation to a minimum depth of 350mm in all areas. Remove all deleterious arisings from above cuttings, together with all surface debris currently on site. In all new topsoil areas, excavate to 450mm minimum depth for planting areas, removing all excavated subsoil from site. Cultivate a further 250mm to relieve compaction in all areas. Replace above excavations with approved quality topsoil to the following minimum depths:															
Topsoil [50mm depth] - Amenity Grass Min. 500mm depth topsoil to BS3882:2015 on min. 300mm clean un-compacted subsoil to BS8401:2015 Landscape General Purpose Subsoil.															
Topsoil [200mm depth] - Amenity Grass [over demolished buildings/ to be retained] Min. 200mm depth topsoil to BS3882:2015 on min. 400mm clean un-compacted subsoil to BS8401:2015 Landscape General Purpose Subsoil.															
Topsoil [300mm depth] - Wildflower & Species Rich Grass Wildflower seed mix to be sown directly on subsoil. Min. 300mm clean un-compacted subsoil to BS8401:2015 Landscape General Purpose Subsoil.															
Topsoil [600mm depth] - Wildflower & Species Rich Grass [over demolished buildings] Wildflower seed mix to be sown directly on subsoil. Min. 600mm clean un-compacted subsoil to BS8401:2015 Landscape General Purpose Subsoil.															
Topsoil [900mm depth] - Waterbasins & Wetlands SUDs basins and wetlands formed using 500mm Meadowscape topsoil on 100mm depth topsoil, laid over min. 225mm depth puddle clay.															
Topsoil [450mm depth] - Ornamental Planting at Grade Min. 450mm depth topsoil on well broken up and free draining formation level soil.															
Topsoil to Sports Pitches Minimum depth and specification subject to specialist proposals															
Finished levels of topsoil after settlement to be 50mm above adjacent hard paved areas in all instances.															
Erosion Protection The Contractor is responsible for preventing erosion of the sustainable drainage system (basin and swales) until the vegetation within it is fully established. This is to be achieved by protecting the side slopes and base of the swales, wetlands and other areas where water flows with fully biodegradable matting. If erosion occurs in any part of the system the Contractor shall repair these areas to the satisfaction of the Client.															
Trees															
Excavate tree pits for trees as follows:															
Specification	Girth	Size	Depth												
Standard	14-16cm	1200mm Ø	750mm												
Tree pit sizes should be increased where necessary to ensure pits are at least 300mm wider and 75mm deeper than the tree root system when fully spread.															
Tree stakes - Select standard trees to be single angle staked with 75mm x 1800mm pressure treated tree stake secured to cross member with tree belt.															
Backfill - backfill pits with 450mm minimum depth imported sandy loam topsoil to BS3882:2015, laid over 300mm minimum depth imported sandy subsoil to BS8401:2015. Base of tree pit to incorporate 200mm depth clean gravel aggregate base layer.															
Watering - trees should be watered once a month regardless of weather conditions during the defects liability period in the growing season to ensure that the trees are encouraged to develop the root system.															
Note at the following rates:															
100 litres per tree for 14-16cm trees															
In periods of drought, additional watering should be carried out in sufficient quantities to ensure and maintain healthy growth and establishment.															
Rabbit guards - all Native Scrub mix transplants and container grown plants to be protected with tubes standard tree shelter guards supported by timber stake (or similar approved).															
Tree Root Barriers - Refer to Q31 S10 of the NBS.															
Locations: To all tree pits adjacent to paved areas, wherever the installed rootball will be within 2m of a building foundation, wherever the installed rootball will be within 3m of an existing underground service route.															
Other Operational Details															
As scheduled, container grown unless otherwise specified and to be planted evenly spaced at the densities indicated.															
Backfill - backfill pits with screened premium natural topsoil of sandy/clay loam (classification to BS3882:2015 to depth as specified). Topsoil mix laid on sandy subsoil to BS8401.															
Watering - water all plants thoroughly immediately following planting using a fine rose sprinkler.															
Mulch - where agreed, supply and spread minimum 50mm thick, thoroughly composted bark or equivalent organic mulch.															
Amenity Grass															
Amenity grass seed to amenity areas, to be Barenbrug E2 Tough Turf Mix (or similar approved), at a rate of 50g/m ² .															
Wildflower grass seed to be Barenbrug Universal Wildflower 100 Mix (or similar approved), at a rate of 4g/m ² . Wildflower to be sown on low fertility soil in accordance with NBS Clause G28.															
Marginal Seed to be Barenbrug Wildflower Wetland and Edge Mix (or similar approved) at a rate of 5g/m ² . To be mixed with a 10g/m ² of amenity grass mix. Wildflower to be sown on low fertility soil in accordance with NBS Clause G28.															
Sports grass seed to sports pitch areas, to be Barenbrug Multi Sport Mix (or similar approved), at a rate of 50g/m ² .															
Species selection subject to ecological / soil assessment															
Finished levels of topsoil after settlement are to be 50mm above adjacent hard paved areas in all instances.															
Refer to the following British Standards for more detailed information:															
- Recommendations for Transplanting Rootballed Trees BS 4343															
- Code of practice for general landscape operations BS 4428															
- Specifications for Topsoil BS 3882:2015 Topsoil in accordance with specification Nursery Stock BS 3065 part 1.															

NOTES

REVISION | P01

DATE | 15.02.24

BY | TL

CHECKED | JE

First Issue

REVISION | P02

DATE | 16.02.24

BY | TL

CHECKED | JE

Number of trees reduced

REVISION | P03

DATE | 08.03.24

BY | KP

CHECKED | JE

Revised in accordance with updated Whole Site Plan. Entrance path amended.

CLIENT

Bowmer + Kirkland

PROJECT

University Academy Long Sutton

DRAWING TITLE

Detailed Planting Plan (Sheet 1 of 5)

DRAWING No.

SRP1555-ONE-ZZ-ZZ-D-L-0201

REVISION

P03

STATUS

PRELIMINARY

SCALE

1:200 @ A0

DATE

15.02.24

DRAWN BY

TL

02

metres

0

2

4

8

1200

ONE-ENVIRONMENTS