



creative minds safe hands

Persimmon Homes

North Littlehampton: Southern Lyminster Bypass

Landscape Proposals SLB2

2 of 2

Plant schedule

Trees				
Number	Species	Height	Girth	Specification
78 No.	Quercus robur fastigiata	400-450cm		Feathered/specimen :5x :RB
15 No.	Fagus sylvatica	450-500cm	20-25cm	Semi-Mature :3x :RB
12 No.	Quercus robur	450-500cm	20-25cm	Semi-Mature :3x/4x :RB
33 No.	Tilia cordata 'Green Spire'	500-550cm	20-25cm	Semi-Mature :3x/4x :RB
13 No.	Acer platanoides	500-550cm	20-25cm	Semi-Mature :3x/4x :RB
10 No.	Acer campestre	450-500cm	20-25cm	Semi-Mature :3x/4x :RB
8 No.	Alnus cordata	500-550cm	20-25cm	Semi-Mature :3x/4x :RB
6 No.	Carpinus betulus 'Fastigiata'	500-550cm	20-25cm	Semi-Mature :3x/4x :RB

Semi-mature trees to be provided with 2.4m clear stem

Shrubs			
Number	Species	Specification	Density
468 No.	Lonicera pileata	Bushy :6 brks :C	0.6Ctr

Climbers			
Number	Species	Specification	Height Density
274 No.	Hedera colchica 'Dentata'	Several Shoots :2 brks :C	60-80cm 0.5Ctr
264 No.	Hedera colchica 'Dentata Variegata'	Several Shoots :5 brks :C	60-80cm 0.5Ctr
316 No.	Hedera helix	Several Shoots :3 brks :C	40-60cm 0.5Ctr

Native Hedge				
Number	Species	Specification	Height	Density
24 No.	Cornus sanguinea	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
93 No.	Corylus avellana	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
93 No.	Crataegus monogyna	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
70 No.	Ilex aquifolium	C: Leader and laterals	40-60cm	0.3Ctr Double Staggered at 0.25m offset
24 No.	Malus sylvestris	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
24 No.	Prunus spinosa	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
47 No.	Sorbus aria	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	0.3Ctr Double Staggered at 0.25m offset
70 No.	Acer campestre	1+1 or 1/1 :Transplant - seed raised :B	60-80cm	0.3Ctr Double Staggered at 0.25m offset
24 No.	Rosa canina	1+1 or 1/1 :Branched : :3 brks :B	60-80cm	0.3Ctr Double Staggered at 0.25m offset
Total :469 No.				

Native planting mix 1				
Number	Species	Specification	Height	Density
175 No.	Acer campestre	1+1 or 1+1 :Transplant - seed raised :B	40-60cm	1Ctr
89 No.	Prunus avium	1+1 or 1+1 :Transplant - seed raised :B	40-60cm	1Ctr
175 No.	Quercus robur	1+1 or 1+1 :Transplant - seed raised :B	40-60cm	1Ctr
433 No.	Corylus avellana	1+1 or 1/1 :Branched :2 brks :B	40-60cm	1Ctr
124 No.	Prunus spinosa	1+1 or 1/1 :Branched :2 brks :B	60-80cm	1Ctr
89 No.	Viburnum opulus	1+1 or 1/1 :Branched :2 brks :B	40-60cm	1Ctr
89 No.	Rosa canina	1+1 or 1/1 :Branched :3 brks :B	60-80cm	1Ctr
348 No.	Crataegus monogyna	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	1Ctr
89 No.	Sorbus aucuparia	1+1 or 1/1 :Transplant - seed raised :B	60-80cm	1Ctr
140 No.	Ilex aquifolium	Leader and laterals :C	40-60cm	1Ctr
Total :1751 No.				

Native Planting mix 2				
Number	Species	Specification	Height	Density
172 No.	Rosa canina	1+1 or 1/1 :Branched : :3 brks :B	60-80cm	1Ctr
172 No.	Malus sylvestris	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	1Ctr
172 No.	Cornus sanguinea	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1Ctr
680 No.	Corylus avellana	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1Ctr
172 No.	Prunus spinosa	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1Ctr
509 No.	Acer campestre	1+1 or 1/1 :Transplant - seed raised :B	60-80cm	1Ctr
680 No.	Crataegus monogyna	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	1Ctr
342 No.	Sorbus aria	1+1 or 1/1 :Transplant - seed raised :B	40-60cm	1Ctr
509 No.	Ilex aquifolium	C: Leader and laterals	40-60cm	1Ctr
Total :3408 No.				

Native Planting mix 3				
Number	Species	Specification	Height	Density
92 No.	Cornus sanguinea	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1/m²
181 No.	Corylus avellana	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1/m²
75 No.	Cornus sanguinea	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1Ctr
149 No.	Corylus avellana	1+1 or 1/1 :Branched : :2 brks :B	40-60cm	1Ctr
32 No.	Rosa canina	1+1 or 1/1 :Branched : :3 brks :B	60-80cm	1/m²
25 No.	Rosa canina	1+1 or 1/1 :Branched : :3 brks :B	60-80cm	1Ctr
Total :554 No.				

Planting Areas:

Plant specification to be in accordance with the HTA National Plant Specification: 03/02

Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:
Semi-mature trees: 130g / tree pit
Feathered trees: Feathered Trees: 100g / tree pit
Container grown shrubs: 70g / m²

Provide and fix tree stakes and ties to the following dimensions:
Semi-mature trees: overall length 1500; height above ground: 750mm
Feathered Trees: overall length 1250mm; height above ground: 600mm

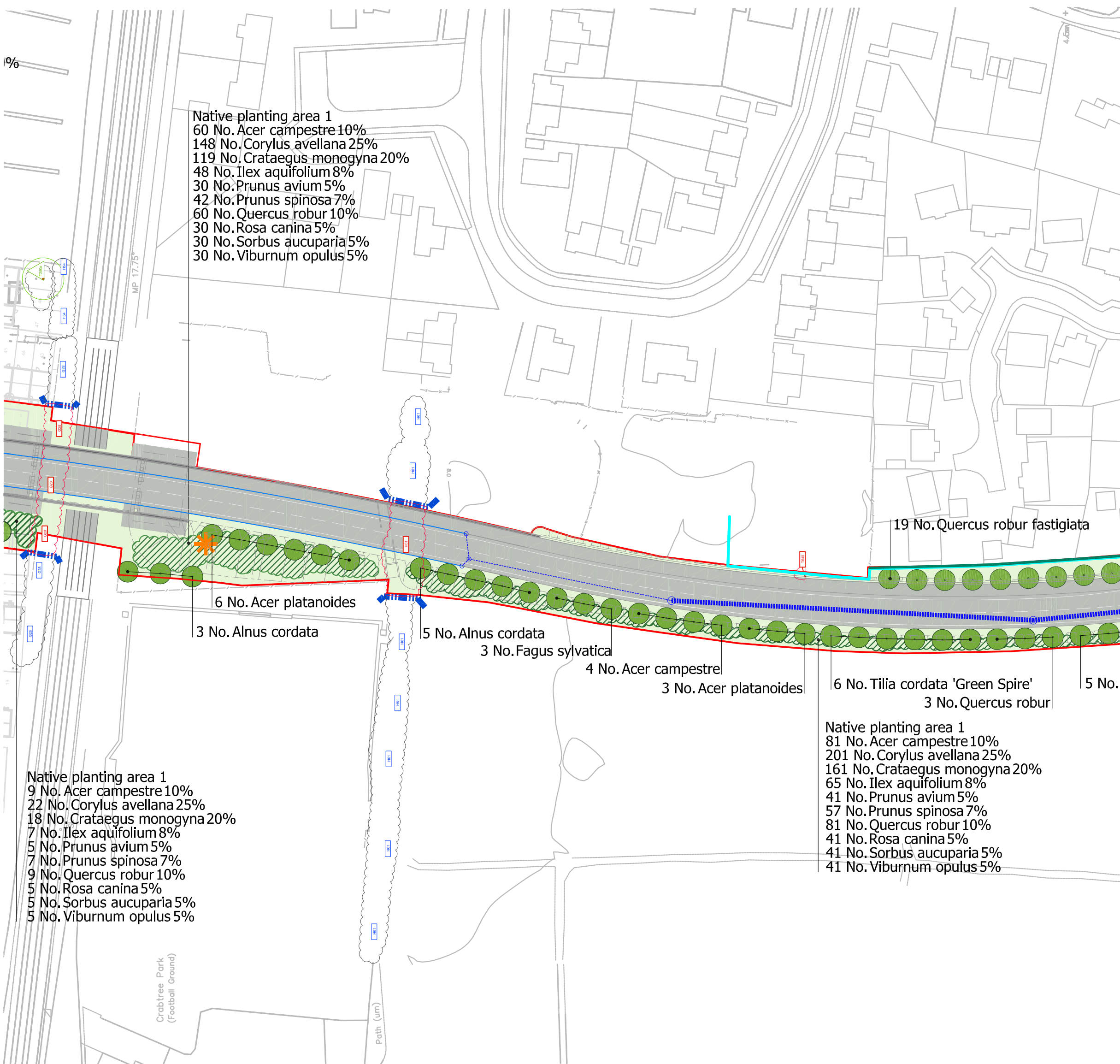
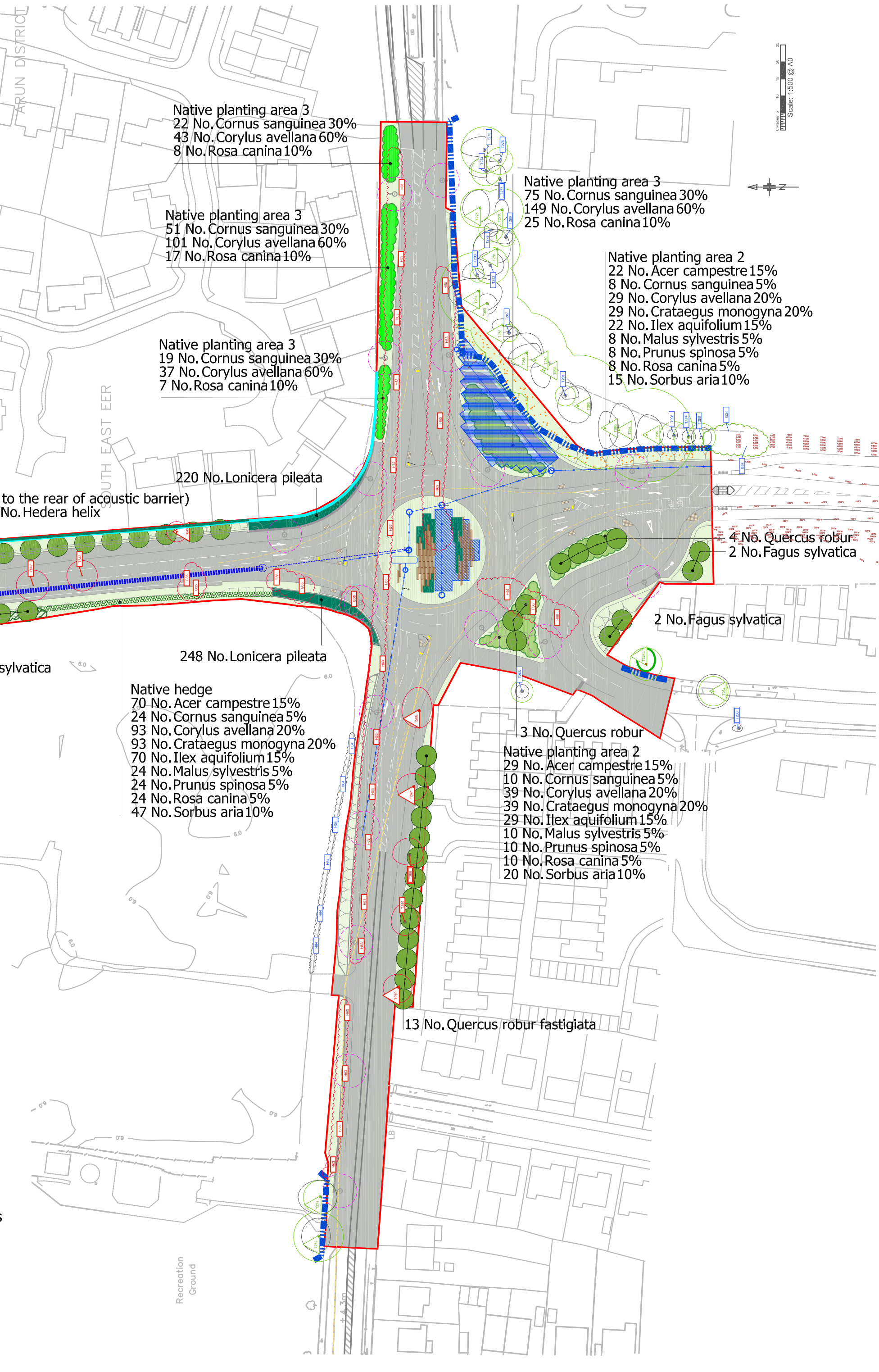
Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

General Notes:

Substitutions, if made, should be similar in size, form and water demand.

Maintenance:

Refer to sheet SLB1



Key

Site boundary

Existing vegetation retained
(shown indicatively)

For existing tree information, refer to Barrell tree report

Category B trees to be retained

Category C trees to be retained

Root protection areas

Tree to be felled to accommodate development

Construction exclusion zone

Refer to Barrell Tree Consultancy for arboricultural assessment & method statement

Proposed features

Tree planting

Native tree and shrub planting - type 1

Native tree and shrub planting - type 2

Native tree and shrub planting - type 3

Native hedge planting

Amenity grass

Species rich grass

Groundcover

Proposed acoustic fence - 3.5m high
Close board fences: Softwood boarding (25x100mm) j/r/t/l, butt jointed in 2 layers with staggered joints. Hardwood coping. Gravel board to be buried 100mm below ground level. Treatment of fence: Alkaline Copper Quaternary (ACQ). Refer to the noise report for details.

Proposed lighting column

Proposed visibility splays

10m diam. clearance zone around lighting column to avoid tree canopy clashing with lighting column.

Proposed drainage features

Proposed Southern Water rising main with 3m offset

Vegetation 'hop-over' locations for bats
Tall mature trees or tree stands are to be retained or planted to create a vegetated 'hop-over'. These will maintain connectivity for commuting and/or foraging bats by guiding the bats up and over the link road and the height of traffic.

Pole mounted Barn Owl box

Gradients along highway to be smoothed out to tie into existing levels

Proposed hard landscape

Footway and highway: tarmac

Blister tactile paving - buff colour.

Tree grille

Outline specification

Ground Preparation:

Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Tree specification and planting to be in accordance with BS 8545:2014 - Trees: from nursery to independence in the landscape.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single tine ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 3601:2013 Specification for subsoil and requirements for use - Multipurpose subsoil to make up any deficiency in on-site subsoil. Spread and level to depth of:

- 200mm for planting areas
- 200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil. Spread and level to depth of:

- 300mm for planting areas
- 100mm for grass areas

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting. Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

Excavate planting pits to the following dimensions:
Semi-mature trees: 1200 x 1200 x 700mm depth
Feathered Trees: 500 x 500 x 500mm depth
Container grown shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m³/20m³.

Notch planting of transplant sized shrubs:

- Notching: Make a vertical 'I', 'L', 'T' or 'H' notch. Care to be taken around roots of existing trees.

- Depth: To accommodate full depth of roots.
- Planting: plant shrub, close notch with root collar at ground level and firm the soil.
- Spacing of plants: 1 metre centres.

Plant arrangement:

Planting to be carried out on a random mix basis subject to the following conditions:

- Tree species: max. 5 no. plants & min. 3 no. plants per block
- Shrub species: max. 7 no. plants & min. 3 no. plants per block.

Plant protection:

Tree shelters: standard tree shelters to be provided to each transplant sized tree / shrub, such as Tubex Standard Treeshelter, or equivalent. Shelter height to be 0.6m, green colour with supporting cane.

Amenity Grass Areas:

Supply and spread pre-seeding N:P:K, fertiliser (10:15:10) at a rate of 30g/m²
Grass areas to be sown at a rate of 35g/m² with a suitable grass seed mix such as Germinal A19. Initial grass cutting and edge trimming down to 50mm

Species Rich Grass Areas:

Do not spread fertiliser onto the grass. Species rich grass areas to be sown at a rate of 4g/m² with a suitable seed mix such as EMI Basic General Purpose Meadow mixture.

0 10 20 30 40 50 100 metres

Scale 1:1,000 @ A1

A088461 SLB1-SLB4.dwg

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