Plant schedule

Amenity Trees

No.	Species Name	Height	Girth	Specification
6 No.	Acer platanoides	500-550cm	20-25cm	Semi-Mature :3x/4x :RB
8 No.	Alnus cordata	500-550cm	20-25cm	Semi-Mature :3x/4x :RB
5 No.	Sorbus aria	300-350cm	10-12cm	Selected Standard :4x :B
28 No.	Tilia cordata 'Green Spire'	500-550cm	20-25cm	Semi-Mature :3x/4x :RB

Total :47 No. **Tree species to be provided with 2.4m clear stems.**

Native planting Mix 1

Number	Abbreviation	Species	Height	Specification	Density
263 No.	Ac	Acer campestre	40-60cm	1+1 or 1+1 :Transplant - seed raised :B	1Ctr
656 No.	Cav	Corylus avellana	40-60cm	1+1 or 1/1 :Branched :2 brks :B	1Ctr
524 No.	Cmo	Crataegus monogyna	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr
211 No.	IA	Ilex aquifolium	40-60cm	Leader and laterals :C	1Ctr
132 No.	Pav	Prunus avium	40-60cm	1+1 or 1+1 :Transplant - seed raised :B	1Ctr
185 No.	PRUSP	Prunus spinosa	60-80cm	1+1 or 1/1 :Branched :2 brks :B	1Ctr
263 No.	Qr	Quercus robur	40-60cm	1+1 or 1+1 :Transplant - seed raised :B	1Ctr
132 No.	Rca	Rosa canina	60-80cm	1+1 or 1/1 :Branched :3 brks :B	1Ctr
132 No.	Sau	Sorbus aucuparia	60-80cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr
132 No.	VIBOP	Viburnum opulus	40-60cm	1+1 or 1/1 :Branched :2 brks :B	1Ctr

Total :2630 No.

Native planting Mix 2

Number	Abbreviation	Species	Height	Specification	Density
288 No.	Ac	Acer campestre	60-80cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr
97 No.	CORSA	Cornus sanguinea	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	1Ctr
384 No.	Cav	Corylus avellana	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	1Ctr
384 No.	Cmo	Crataegus monogyna	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr
288 No.	Ia	Ilex aquifolium	40-60cm	C: Leader and laterals	1Ctr
97 No.	MALSY	Malus sylvestris	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr
97 No.	PRUSP	Prunus spinosa	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	1Ctr
97 No.	Rca	Rosa canina	60-80cm	1+1 or 1/1 :Branched : :3 brks :B	1Ctr
193 No.	Sar	Sorbus aria	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	1Ctr

Total :1925 No.

Native hedge (Fitzalan Link)

Number	Abbreviation	Species	Height	Specification	Density
256 No.	Ac	Acer campestre	60-80cm	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset
87 No.	CORSA	Cornus sanguinea	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	0.3Ctr Double Staggered at 0.25m offset
340 No.	Cav	Corylus avellana	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	0.3Ctr Double Staggered at 0.25m offset
340 No.	Cmo	Crataegus monogyna	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset
256 No.	Ia	Ilex aquifolium	40-60cm	C: Leader and laterals	0.3Ctr Double Staggered at 0.25m offset
87 No.	MALSY	Malus sylvestris	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset
87 No.	PRUSP	Prunus spinosa	40-60cm	1+1 or 1/1 :Branched : :2 brks :B	0.3Ctr Double Staggered at 0.25m offset
87 No.	Rca	Rosa canina	60-80cm	1+1 or 1/1 :Branched : :3 brks :B	0.3Ctr Double Staggered at 0.25m offset
171 No.	Sar	Sorbus aria	40-60cm	1+1 or 1/1 :Transplant - seed raised :B	0.3Ctr Double Staggered at 0.25m offset

Total :1711 No.

Maintenance and Management

Maintenance
All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties. Maintenance operations to successfully establish plants shall be carried out for the first 5 years after planting.

Maintenance operations for successful plant establishment shall include watering; weed control; fertiliser application; pest and disease control; pruning; and litter picking.

Any plants which, within a period of 5 years from the date of planting, die, are removed or become seriously damaged shall be replaced in the next planting season with others of similar size and species, to be agreed in writing by the Local Planning Authority. For all new landscape areas, the following maintenance programme shall be undertaken:

Inspections: January - December. Replace dead plants when necessary
Watering: January, and when necessary through periods of drought.
Pest and disease control: January.
Litter removal: January - December
Weed control: February - May; July; and September.
Prune: February - November.
Fork over planting beds: March.
Cut grass and trim edges: March - October.
Apply fertiliser: April.
Lightly fork over planting beds: September.
Rake / scarify grass September.

Watering: Water to establish trees and there after during periods of drought. Water should be applied slowly to avoid soil erosion. Watering shrubs shall be carried out to maintain vigorous plant growth. Water shall soak into the ground; it is not sufficient to dampen the surface. Water must be applied slowly to avoid damage to plants.

Weed control: Hand weed to remove all weeds and their roots using a hoe, trowel or fork. Apply a herbicide to kill re-growth when required.

Fertiliser: Applications of fertiliser to be carried out early in the growing season. Ensure correct fertiliser application. Inspect once a month and after very heavy winds. Adjust ties if necessary to conform to stem growth or to prevent chafing.

Pruning: At the appropriate season for the species, pruning to be carried out to remove all damaged diseased or dead wood. Prune shrubs to ensue the plant is kept well balanced and in good shape.

Pest and disease control: To be carried out if necessary and in accordance with best practice.

Litter removal: Collect and remove all extraneous rubbish.

Fork over planting beds: Prick up trodden or compacted soil surfaces to aerate the soil without damaging the plants.

Mowing: Amenity grass areas shall be managed to a height of 40mm. Species rich grass areas to be mowed as advised by the supplier.

Raking/Scarifying: Relieve thatched conditions and remove dead grass in the autumn over all grassed areas.

Spiking (Aeration): Aerate to increase water, nutrient and oxygen movement into the soil.

General: If grass surface is disturbed by over use, restore by firming or lifting with a fork

Water efficiency: Water efficiency has been considered in the selection of trees, native planting, and ornamental shrubs which has been informed by the site's water strategy to avoid unnecessary water use after the initial 5 year establishment period. Bark mulch will also be applied to new planting areas to suppress weeds and retain moisture within the soil.

Long term maintenance:

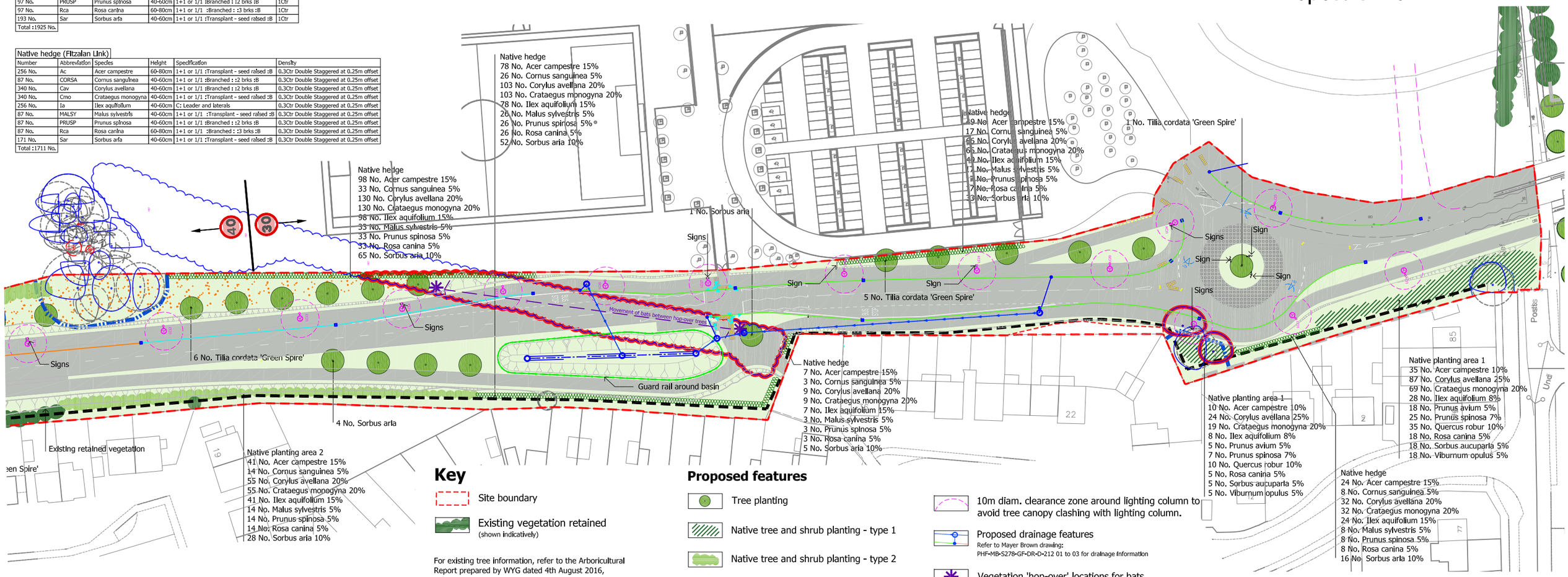
Long term maintenance and management objectives will continue after the first five years of plant establishment and will last for 10 years. Long term maintenance objectives will include selective pruning to improve health, tree form and longevity; periodic maintenance as necessary; selective thinning of trees; removing dead or damaged trees; and pest and disease control.

creative minds safe hands

Persimmon Homes

North Littlehampton

Fitzalan Link **FL.2**
S278 Works: Landscape
Proposals 2 of 2



NOTES:

1. Refer to the engineer's drawings, 212-01 and 212-02, for proposed contours.
2. Landscape protection measures: whilst this drawing shows Construction Exclusion Zones, refer to the Arboricultural Report dated 4th August 2016 for details of protection fencing and construction exclusion zones.
3. Ducting to lighting columns and any other underground services are not to conflict with roots of the proposed trees. Where necessary, underground tree root deflectors/barriers are to be installed to ensure that tree roots do not interfere with underground ducting and services.
4. For existing boundaries along the west, refer to the Boundary Type and Audit information prepared by Persimmon Homes showing details of existing boundaries and locations. Boundaries shall be maintained as per existing arrangements (between WSCC and the occupiers where relevant).

Key

Site boundary

Existing vegetation retained
(shown indicatively)

For existing tree information, refer to the Arboricultural Report prepared by WYG dated 4th August 2016, ref: A088461.

Category B trees to be retained

Category C trees to be retained

Category U trees
(to be felled because of condition)

Root protection areas

Tree to be felled to accommodate development

Construction exclusion zone
Refer to the tree protection plan

Proposed features

Tree planting

Native tree and shrub planting - type 1

Native tree and shrub planting - type 2

Native hedge planting

Amenity grass

Species rich grass

Proposed acoustic fence - 3.5m high
Close board fence: Softwood boarding (25x100mm) infill, 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
Refer to Mayer Brown drawing:
PHF-MB-S278-GF-DR-D-201- 01 to 02 for lighting columns

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

Proposed drainage features
Refer to Mayer Brown drawing:
PHF-MB-S278-GF-DR-D-212 01 to 03 for drainage information

Vegetation 'hop-over' locations for bats

Where hedgerows are to be bisected to accommodate the Fitzalan Link road, 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.

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

Proposed hard landscape

Refer to Mayer Brown drawings for hard landscape details including kerbs

Footway and highway: tarmac

Blister tactile paving - buff colour

0 5 10 15 20 25 50 metres

Scale 1:1000 @ A3

North

A088461 FL1 & 2[H].dwg **21 August 2017**

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