

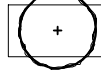
Detailed Planting Plan - Infrastructure Planting

The Laurels, Dapper's Lane, Angmering, West Sussex.

Legend

 Site Boundary.

 **Proposed - Native Species Tree Planting**
Standard (*Extra Heavy*); 16 -18cm girth;
4.5 - 5.0 m height.

 **Proposed - Ornamental / Feature Trees**
Standard (*Extra Heavy*); 14 -16cm girth;
4.0 - 4.5 m height; Min. 2.0 m clear stem height.

 **Proposed - Native Mixed-species Hedgerow**
60-90cm height; staggered rows.

 **Proposed - Flowering Grassland Areas**

Soil Specification

Proposed Tree Planting

All proposed tree planting areas to be minimum 600mm depth subsoil overlain with a minimum of 300mm depth of topsoil tested and certified to achieve *BS 3882: 2015*. Topsoil to be tested and certified by a Soil Scientist.

Proposed Hedgerow Planting

All proposed Hedgerow Planting areas to be minimum 300mm depth subsoil overlain with a minimum of 300mm depth of topsoil tested and certified to achieve *BS 3882: 2015*. Topsoil to be tested and certified by a Soil Scientist.

Mulching

All proposed planting areas to be overlain with 75mm depth Ornamental Bark Mulch. Planting areas to be mulched with fine graded ornamental bark mulch; 5 - 35mm nominal particle size; *BS4970:1987*.

Specimen Tree planting in proposed soft landscape areas

Planting pits should be excavated to the same depth as the trees root system with the root flare / root collar to be level with the surface of the surrounding soil. The planting pit shall have a slightly raised centre and be broken up to a depth of 150mm. The width of the tree pit should be excavated to be 150 - 300mm larger than the root ball or container. If the tree pit sides are compacted, smooth or smeared they should be scarified to loosen the soil. During excavation the soil should be separated into topsoil and subsoil in order that during backfilling the soil can be replaced in the same order. The trees root system should be lightly wetted prior to planting. The tree should be planted at the correct depth ensuring the root flare is just visible above the soil level and that there has been allowance for any settling of soil levels. Backfilling should be added gradually in layers of 150mm ensuring the tree is held upright. Each layer should be firmed down to remove air pockets within the soil and to aid tree stability but not to excessively compact the soil. The final layer of backfilling should not be consolidated, but should be of a sufficient depth to allow for settlement and mulching.

Refer to 'BS 8545: 2014 - Trees: from nursery to independence in the landscape - Recommendations' for details on tree planting.

Tree Staking - Extra Heavy Standard Nursery Stock Trees

Tree staking is to be Long Double Staking for Standard 'Extra Heavy' with stakes driven vertically to a minimum of 300mm into bottom of pit on either side of tree position before planting. The stakes should be placed to allow the fixing of the cross bar to the windward side of the tree and as close to the stem as possible. Backfilling should seek to consolidate material around stakes. The stake shall extend above ground level to a maximum 600mm. The crossbar shall be no more than 40mm away from the stem of the planted tree and the tree shall be tied firmly but not rigidly to the cross bar with one adjustable tie plus spacer with 50mm of the top of the stake, and secured in place with a 25mm long galvanised clout nail.

PLANNING ISSUE

Rev	Description	Date	Initials
01	Planning Issue	14.11.19	TT
00	Draft Issue	25.10.19	EZ

 **LIZARD**
Landscape Design and Ecology

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Client ECE Planning			
Project Title and Location The Laurels Dapper's Lane, Angmering, West Sussex			
Drawing Title Detailed Planting Plan 1 of 3 Infrastructure Planting			
Scale 1:250@A1	Drawn EZ	Approved TT	Date 25.10.2019
Drawing No LLD1834-LAN-DWG-201			Revision 01

- Dimensions shall not be scaled. All dimensions to be checked on site. All details and dimensioning relating to Sub-contractor's or Supplier's work must be checked and agreed between the Sub-contractor or the Supplier and the Main Contractor.
- Drawing is to be read in conjunction with all relevant Landscape Architect's drawings and specification.
- All alternatives to proposed materials to be fit for purpose, of equal quality and subject to Landscape Architect's approval.
- For detailed hard and soft landscape scheme proposals refer to
LLD1834-LAN-DWG-100 - Hard and Soft General Arrangement;
LLD1834-LAN-DWG-201/202- Detailed Planting Plans - Infrastructure Planting;
LLD1834-LAN-DWG-203- Detailed Planting Plans - Ornamental Planting;
LLD1834-LAN-SCH-001 - Detailed Planting Schedule and Specification
- For detailed Soft Landscape specification:
LLD1834-LAN-SPE-001 - Soft Landscape Specification.

Proposed - Mixed-Species Native Hedgerow
5 no. *Acer campestre*; 60-90cm height; Transplant;
5 no. *Carpinus betulus*; 60-90cm height; Transplant;
5 no. *Ilex aquifolium*; 60-90cm height; Transplant;
5 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
5 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 4.5 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
8 no. *Acer campestre*; 60-90cm height; Transplant;
8 no. *Carpinus betulus*; 60-90cm height; Transplant;
8 no. *Ilex aquifolium*; 60-90cm height; Transplant;
8 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant;
8 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 8.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
4 no. *Acer campestre*; 60-90cm height; Transplant;
4 no. *Carpinus betulus*; 60-90cm height; Transplant;
4 no. *Ilex aquifolium*; 60-90cm height; Transplant;
4 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
4 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 4.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
141 no. *Acer campestre*; 60-90cm height; Transplant;
141 no. *Carpinus betulus*; 60-90cm height; Transplant;
141 no. *Ilex aquifolium*; 60-90cm height; Transplant;
141 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
141 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 94.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 3 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
12 no. *Acer campestre*; 60-90cm height; Transplant;
12 no. *Carpinus betulus*; 60-90cm height; Transplant;
12 no. *Ilex aquifolium*; 60-90cm height; Transplant;
12 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
12 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 13.5 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
51 no. *Acer campestre*; 60-90cm height; Transplant;
51 no. *Carpinus betulus*; 60-90cm height; Transplant;
51 no. *Ilex aquifolium*; 60-90cm height; Transplant;
51 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
51 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 33.5 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 3 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
46 no. *Acer campestre*; 60-90cm height; Transplant;
46 no. *Carpinus betulus*; 60-90cm height; Transplant;
46 no. *Ilex aquifolium*; 60-90cm height; Transplant;
46 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
46 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 46.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
6 no. *Acer campestre*; 60-90cm height; Transplant;
6 no. *Carpinus betulus*; 60-90cm height; Transplant;
6 no. *Ilex aquifolium*; 60-90cm height; Transplant;
6 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
6 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 5.5 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
9 no. *Acer campestre*; 60-90cm height; Transplant;
9 no. *Carpinus betulus*; 60-90cm height; Transplant;
9 no. *Ilex aquifolium*; 60-90cm height; Transplant;
9 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
9 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 9.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
5 no. *Acer campestre*; 60-90cm height; Transplant;
5 no. *Carpinus betulus*; 60-90cm height; Transplant;
5 no. *Ilex aquifolium*; 60-90cm height; Transplant;
5 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
5 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 5.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
22 no. *Acer campestre*; 60-90cm height; Transplant;
22 no. *Carpinus betulus*; 60-90cm height; Transplant;
22 no. *Ilex aquifolium*; 60-90cm height; Transplant;
22 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
22 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 22.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
15 no. *Acer campestre*; 60-90cm height; Transplant;
15 no. *Carpinus betulus*; 60-90cm height; Transplant;
15 no. *Ilex aquifolium*; 60-90cm height; Transplant;
15 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
15 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 15.0 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 2 no. staggered rows set 300mm apart @400mm centres.

Proposed - Mixed-Species Native Hedgerow
9 no. *Acer campestre*; 60-90cm height; Transplant;
9 no. *Carpinus betulus*; 60-90cm height; Transplant;
9 no. *Ilex aquifolium*; 60-90cm height; Transplant;
9 no. *Ligustrum ovalifolium*; 60-90cm height; Transplant
9 no. *Viburnum opulus*; 60-90cm height; Transplant.

- Total hedge length: 5.5 metres;
- Hedging Stock: 60-90cm height;
- Hedging to be 3 no. staggered rows set 300mm apart @400mm centres.

