

Proposed Mixed - Species Native Hedgerow

29 no. *Cornus sanguinea*; BR
29 no. *Corylus avellana*; BR
29 no. *Fagus sylvatica*; BR
29 no. *Ilex aquifolium*; BR
29 no. *Malus sylvestris*; BR
Total hedge length: 29.5m
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 34m²

Proposed Mixed - Species Native Bulb planting

987 no. *Galanthus nivalis*; 6/+ grade (topsize bulb);
4 cm min. circumference
548 no. *Hyacinthoides non-scripta*; 19/+ grade (topsize bulb); 14 cm min. circumference;
987 no. *Scilla autumnalis*; 8/+ grade (topsize bulb);
6 cm min. circumference
Bulbs to be planted in groups of 6. Total area: 27.5m²

Proposed Mixed - Species Native Understory

10 no. *Buxus sempervirens*; BR / CG, 1/m²
10 no. *Frangula alnus*; BR, 1/m²
10 no. *Ribes rubrum*; BR, 1/m²
10 no. *Rosa canina*; BR, 1/m²
10 no. *Salix caprea*; BR, 1/m²
10 no. *Sambucus nigra*; BR, 1/m²
10 no. *Viburnum opulus*; BR, 1/m²
40 no. *Lonicera periclymenum*; BR, 4/m²
Area: 80.5m²

Proposed Mixed - Species Native Hedgerow

99 no. *Cornus sanguinea*; BR
99 no. *Corylus avellana*; BR
99 no. *Fagus sylvatica*; BR
99 no. *Ilex aquifolium*; BR
99 no. *Malus sylvestris*; BR
Total hedge length: 66m;
Hedging Stock: 120 - 150cm height;
Hedging to be 3 no. staggered rows set 400mm apart @400mm centres.

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 40m²

Proposed Mixed - Species Native Bulb planting

240 no. *Galanthus nivalis*; 6/+ grade (topsize bulb);
4 cm min. circumference
133 no. *Hyacinthoides non-scripta*; 19/+ grade (topsize bulb); 14 cm min. circumference;
240 no. *Scilla autumnalis*; 8/+ grade (topsize bulb);
6 cm min. circumference
Bulbs to be planted in groups of 6. Area: 6.6m²

Proposed - Shade Tolerant Lawn

to be seeded with 'A6 (Supreme Shade)' by Germinall. Area: 270m²

Proposed Mixed - Species Native Bulb planting

225 no. *Galanthus nivalis*; 6/+ grade (topsize bulb);
4 cm min. circumference
125 no. *Hyacinthoides non-scripta*; 19/+ grade (topsize bulb); 14 cm min. circumference;
225 no. *Scilla autumnalis*; 8/+ grade (topsize bulb);
6 cm min. circumference
Bulbs to be planted in groups of 6. Area: 6.2m²

Proposed Native Tree Planting

1 no. *Prunus padus*
Extra Heavy Standard; 16 -18cm girth;
4.5 - 5.0m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Native Tree Planting

1 no. *Acer campestre*
Extra Heavy Standard; 16 -18cm girth;
4.5 - 5.0m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Mixed - Species Native Hedgerow

34 no. *Cornus sanguinea*; BR
34 no. *Corylus avellana*; BR
34 no. *Fagus sylvatica*; BR
34 no. *Ilex aquifolium*; BR
34 no. *Malus sylvestris*; BR
Total hedge length: 23m;
Hedging Stock: 120 - 150cm height;
Hedging to be 3 no. staggered rows set 400mm apart @400mm centres.

Proposed Native Tree Planting

1 no. *Carpinus betulus*
Extra Heavy Standard; 16 -18cm girth;
4.5 - 5.0m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Native Tree Planting

1 no. *Sorbus aria*
Extra Heavy Standard; 16 -18cm girth;
4.5 - 5.0m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Mixed - Species Native Bulb planting

640 no. *Anemone nemorosa*; 8/+ grade (topsize bulb);
4 cm min. circumference;
640 no. *Erantnis hyemalis*; 5/+ grade (topsize bulb);
3 cm min. circumference;
355 no. *Lilium martagon*; 22/+ grade (topsize bulb);
16 cm min. circumference;
Bulbs to be planted in groups of 6. Area: 17.7m²

Proposed Mixed - Species Native Understory

11 no. *Buxus sempervirens*; BR / CG, 1/m²
11 no. *Frangula alnus*; BR, 1/m²
11 no. *Ribes rubrum*; BR, 1/m²
11 no. *Rosa canina*; BR, 1/m²
11 no. *Salix caprea*; BR, 1/m²
11 no. *Sambucus nigra*; BR, 1/m²
11 no. *Viburnum opulus*; BR, 1/m²
44 no. *Lonicera periclymenum*; BR, 4/m²
Area: 86.3m²

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 29m²

Proposed Mixed - Species Native Hedgerow

21 no. *Cornus sanguinea*; BR
21 no. *Corylus avellana*; BR
21 no. *Fagus sylvatica*; BR
21 no. *Ilex aquifolium*; 10ltr CG / BR
21 no. *Malus sylvestris*; BR
Total hedge length: 21m;
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Mixed - Species Native Hedgerow

10 no. *Cornus sanguinea*; BR
10 no. *Corylus avellana*; BR
10 no. *Fagus sylvatica*; BR
10 no. *Ilex aquifolium*; BR
10 no. *Malus sylvestris*; BR
Total hedge length: 10m;
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Mixed - Species Native Hedgerow

9 no. *Cornus sanguinea*; BR
9 no. *Corylus avellana*; BR
9 no. *Fagus sylvatica*; BR
9 no. *Ilex aquifolium*; 10ltr CG / BR
9 no. *Malus sylvestris*; BR
Total hedge length: 9m;
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Mixed - Species Native Hedgerow

9 no. *Cornus sanguinea*; BR
9 no. *Corylus avellana*; BR
9 no. *Fagus sylvatica*; BR
9 no. *Ilex aquifolium*; 10ltr CG / BR
9 no. *Malus sylvestris*; BR
Total hedge length: 9m;
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Mixed - Species Native Hedgerow

10 no. *Cornus sanguinea*; BR
10 no. *Corylus avellana*; BR
10 no. *Fagus sylvatica*; BR
10 no. *Ilex aquifolium*; BR
10 no. *Malus sylvestris*; BR
Total hedge length: 10m;
Hedging Stock: 120 - 150cm height;
Hedging to be 2 no. staggered rows set 400mm apart @400mm centres.

Proposed Ornamental Tree Planting

1 no. *Amelanchier lamarkii*
Extra Heavy Standard; 14-16cm girth;
4.0 - 4.5m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Mixed - Species Native Hedgerow

24 no. *Cornus sanguinea*; BR
24 no. *Corylus avellana*; BR
24 no. *Fagus sylvatica*; BR
24 no. *Ilex aquifolium*; BR
24 no. *Malus sylvestris*; BR
Total hedge length: 16m;
Hedging Stock: 120 - 150cm height;
Hedging to be 3 no. staggered rows set 400mm apart @400mm centres.

Proposed Ornamental Tree Planting

1 no. *Malus domestica* 'Cox's Orange Pippin'
Extra Heavy Standard; 14-16cm girth;
4.0 - 4.5m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 22m²

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 13m²

Proposed Mixed - Species Native Hedgerow

19 no. *Cornus sanguinea*; BR
19 no. *Corylus avellana*; BR
19 no. *Fagus sylvatica*; BR
19 no. *Ilex aquifolium*; BR
19 no. *Malus sylvestris*; BR
Total hedge length: 13m;
Hedging Stock: 120 - 150cm height;
Hedging to be 3 no. staggered rows set 400mm apart @400mm centres.

Proposed Mixed - Species Native Hedgerow

19 no. *Cornus sanguinea*; BR
19 no. *Corylus avellana*; BR
19 no. *Fagus sylvatica*; BR
19 no. *Ilex aquifolium*; BR
19 no. *Malus sylvestris*; BR
Total hedge length: 13m;
Hedging Stock: 120 - 150cm height;
Hedging to be 3 no. staggered rows set 400mm apart @400mm centres.

Proposed - Shade Tolerant Lawn

to be seeded with 'A6 (Supreme Shade)' by Germinall. Area: 507m²

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 23m²

Proposed Ornamental Tree Planting

1 no. *Arbutus unedo*
Extra Heavy Standard; 14-16cm girth;
4.0 - 4.5m height; Min. 2.0m clear stem height;
CG / RB stock.

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 11m²

Proposed Flowering Grassland

'EH1 - Hedgerow Mixture' supplied by Emorsgate Seeds. Area: 21m²

Proposed Mixed - Species Native Bulb planting

1007 no. *Anemone nemorosa*; 8/+ grade (topsize bulb);
4 cm min. circumference;
1007 no. *Erantnis hyemalis*; 5/+ grade (topsize bulb);
3 cm min. circumference;
560 no. *Lilium martagon*; 22/+ grade (topsize bulb);
16 cm min. circumference;
Bulbs to be planted in groups of 6. Area: 28m²

Proposed Mixed - Species Native Bulb planting

565 no. *Galanthus nivalis*; 6/+ grade (topsize bulb);
4 cm min. circumference
314 no. *Hyacinthoides non-scripta*; 19/+ grade (topsize bulb); 14 cm min. circumference;
565 no. *Scilla autumnalis*; 8/+ grade (topsize bulb);
6 cm min. circumference
Bulbs to be planted in groups of 6. Area: 15m²

Proposed Flowering Grassland to Attenuation

Overflow Pond to be seeded with 'EP1 - Pond Edge Mixture' by Emorsgate. Area: 53m²

Soil Specification

- All Imported Topsoil: to be Multi-Purpose Topsoil to BS 3882: 2015. Topsoil to be tested and certified by a Soil Scientist;
- Areas of existing topsoil utilised in-situ; tested and certified by a Soil Scientist for suitability for proposed planting.
- Existing stripped topsoil (stored and re used): to be screened / cultivated to accord with BS 3882: 2015; tested and certified by a Soil Scientist.

Proposed Tree Planting

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

Proposed Ornamental Planting / Hedge Planting / Native Understory Shrub

All proposed Ornamental Planting / Hedge Planting / Native Understory Shrub planting areas to be 300 mm depth subsoil overlain with 300 mm depth of topsoil tested and certified to achieve BS 3882: 2015. Topsoil to be tested and certified by a Soil Scientist.

Proposed Native Wildflower Grassland

Wildflower areas are not to be subject to any soil additives, ameliorants or conditioners.

Proposed wildflower grass seeded areas to be 300 mm depth subsoil overlain with 150 mm depth of Low Fertility Specific-Purpose Topsoil to BS 3882:2015 (certified by a Soil Scientist).

Proposed Amenity Grassland

Proposed grass seeded areas to be 300 mm depth subsoil overlain with 150 mm depth of topsoil.

Mulching

All proposed planting areas to be overlain with 75mm depth Ornamental Bark Mulch; 5 - 35mm nominal particle size; BS4970:1987.

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 150 mm. The width of the tree pit should be excavated to be 150 - 300 mm 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 'Extra Heavy Standard 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 25 mm long galvanised clout nail.

Notes:

- Dimensions shall not be scaled. All dimensions to be checked on site.
- Drawing is to be read in conjunction with all relevant Landscape Architect's drawings and specification.
- All alternatives to proposed planting to be fit for purpose, of equal quality and subject to Landscape Architect's approval.
- For Hard and Soft Landscape General Arrangement refer to LLD1851-LAN-DWG-100.
- For detailed soft landscape scheme proposals refer to LLD-LAN-DWG-200 series - Detailed Planting Plan; LLD1851-LAN-SCH-001 - Detailed Plant Schedule and Specification; LLD1851-LAN-REP-001 - Long Term Management Plan.
- Refer to LLD1851-LAN-SPE-001 for Hard and Soft Landscape specification.

Legend

Site Boundary



Proposed - Native Species Tree Planting

Proposed Native Species Trees to be Extra Heavy Standard; 16 -18cm girth; 4.5 - 5.0m height; Min. 2.0m clear stem height; CG / RB stock.



Proposed - Ornamental Tree Planting

Proposed Ornamental Trees to be Extra Heavy Standard; 14-16cm girth; 4.0 - 4.5m height; Min. 2.0m clear stem height; CG / RB stock.



Proposed - Multi-Stem Tree Planting

Proposed Multi-stem Nursery Stock; 2.5 - 3.0m height; CG / RB stock.



Proposed - Native Mixed-Species Hedgerow

Proposed hedgerow to be native mixed species; Hedging Stock: 120 - 150cm height; Whip; BR stock. Hedging to be 2 and 3 no. staggered rows set 400mm apart @400 mm centres.



Proposed - Native Mixed-Species Shrub Planting Areas

Proposed native mixed-species shrub planting areas along the boundaries.



Proposed - Mixed Species Native Bulb planting

Proposed bulbs to be planted in groups of 6; Topsize bulbs.



Proposed - Flowering Grassland Areas

Proposed Wildflower Grassland Areas to be 'EH1 - Hedgerow Mixture' by Emorsgate Seeds and 'EP1 - Pond Edge Mixture' by Emorsgate to attenuation overflow pond.



Proposed - Shade Tolerant Lawn

to be seeded with 'A6 (Supreme Shade)' by Germinall.



PLANNING ISSUE

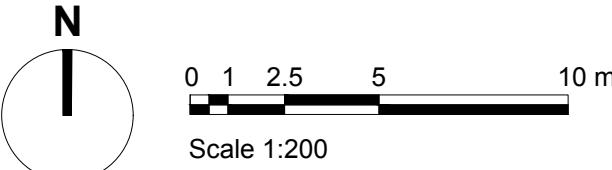
Rev	Description	Date	Initials
00	Planning Issue	19.12.19	ML



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Client: ECE Planning Project Title and Location The Cottage Shripney Road, Bognor Regis, West Sussex			
Drawing Title Detail Planting Plan 1 of 7 Infrastructure Planting			
Scale 1:200@A1	Drawn ML	Approved TT	Date 19.12.2019
Drawing No LLD1851-LAN-DWG-201			Revision 00



Detailed Planting Plan 1 of 7

The Cottage, Shripney Road, Bognor Regis, West Sussex