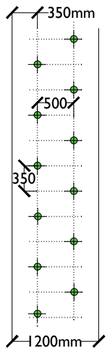
NATIVE HEDGE PLANTING MATRIX



NATIVE HEDGE MIX

The section shown is a typical layout for the proposed hedgerow planting mix along the northern, eastern, southern and western boundaries.

Objectives

To create mixed species-rich native hedgerows; the hedgerows will provide mitigation planting for lost vegetation removed along the roadside boundary, wildlife corridors, increase screening and landscape ecological enhancements. The western boundary - Mixes B and C (abutting Marches Road) shall consist of the same species but of larger sizes minimum height of 125cm (2 +2 age).

Hedge Mix A- 100% of mix	Size: Feathered to base	Stock	Age
30% Acer campestre	80 / 100 cm	BR	1+2
20% Carpinus betulus	90 / 120 cm	BR	1+2
10% Cornus sanginea	80 / 100 cm	BR	1+2
20% Corylus avellana	80 / 100cm	BR	1+2
10% Ligustrum vulgare	80 / 100cm	BR	1+2
10% Viburnum opulus	80 / 100cm	BR	1+2

At Planting

Plant the stock in two staggered rows. Two rows at 500mm apart and plants within rows 350mm centers. Plant in bold groups of 7-15 single species groups to reduce competition between species.

Allow for a minimum 1200mm wide strip cleared of vegetation, rubble and rubbish. Individual plants pit planted and locally adjusted / relocated to avoid significant roots.

Protection

Hedge plants protected by guards supported by canes.

Rabbit guards/ shelters

Rabbit guards for native planting: Each plant within the native hedge mix shall be individually protected with a spiral shrub biodegradable rabbit guard - Tubex Shrub/ Tree Shelter Guard, supplied by Green-tech www.green-tech.co.uk or similar equivalent only non-plastic guards shall be used.

All rabbit guards shall be secured with square softwood stakes, driven well into the ground by a minimum of 300mm to resist strong winds. The base of each shelter shall be buried by soil to a sufficient depth to ensure there is no gap between the soil level and the shelter.

MANAGEMENT

Years 0- 5 (Establishment)

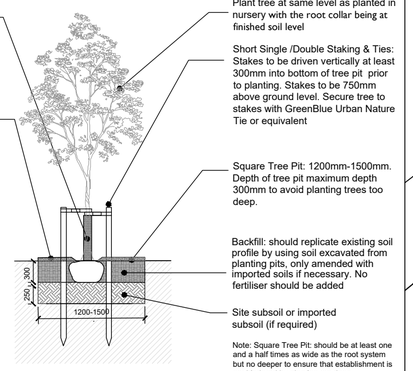
In the first spring after planting prune damaged, diseased or dead wood immediately after first leaf break. Follow with cutting the hedgerow on a two/three-year rotation regime; recommend that incremental cutting regime is applied which involves increasing the width and height of the hedge with each cut, allowing the hedge to increase in size each time. *Cutting a hedge 10cm higher/wider every cutting avoids causing structural damage to the hedge and allows second year wood for flowering and fruiting.*

This is beneficial to wildlife as many hedgerows species flower and fruit on second year wood providing valuable nectar and food sources for pollinators and birds.

Maintain the 1.2m wide strip in a weed free condition for at least three years, to reduce competition from grass and weeds. Failures are replaced after first year with the same species. Guards shall be removed once the plants are well established (4-5 years to be assessed).

Years 5 +

Weed control is stopped as vegetation establishes. Annual trim in late winter to promote dense, bushy growth.



TYPICAL TREE PIT DETAIL FOR HEAVY STANDARD & EXTRA HEAVY STANDARD (12-14CM GIRTH & 14-16CM GIRTH)

Scale 1:200 @ A2

PROPOSED PLANTING SCHEDULE

TREES

Number	Species	Girth	Height	Specification	Density
4	Acer campestre	14-16cm	400-450cm	Extra Heavy Standard :Clear Stem min. 200 :RB	Counted
1	Acer campestre	12-14cm	350-400cm	Heavy Standard :Clear Stem 175-200 :BR or :RB	Counted
1	Corylus avellana		250-300cm	Multi-Stemmed :3 Stems :BR or :RB	Counted
3	Quercus robur	12-14cm	350-425cm	Heavy Standard :Clear Stem 175-200 :BR or :RB	Counted

Total :9

NATIVE HEDGE MIX A

Number	Species	Height	Specification	Density	% Contr.
69	Acer campestre	80-100cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	10%
69	Carpinus betulus	90-120cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	10%
104	Cornus sanguinea	80-100cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	15%
104	Corylus avellana	80-100cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	15%
276	Crataegus monogyna	80-100cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	40%
69	Ligustrum vulgare	80-100cm	Hedging stock :Feathered Whip :BR :1+2	0.35Ctr Double Staggered at 0.5m offset	10%
Total :691					Total :100%

NATIVE HEDGE MIX B

Number	Species	Height	Specification	Density	% Contr.
10	Acer campestre	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	20%
10	Carpinus betulus	125-150cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	20%
8	Cornus sanguinea	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	15%
22	Crataegus monogyna	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	45%
Total :50					Total :100%

NATIVE HEDGE MIX C

Number	Species	Height	Specification	Density	% Contr.
54	Acer campestre	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	15%
54	Carpinus betulus	125-150cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	15%
54	Cornus sanguinea	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	15%
54	Corylus avellana	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	15%
145	Crataegus monogyna	100-125cm	Hedging stock :Feathered Whip :BR :2+2	0.35Ctr Double Staggered at 0.5m offset	40%
Total :361					Total :100%

SCRUB PLANTING MIX

Number	Species	Height	Specification	Density	% Contr.
5	Acer campestre	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	10%
5	Carpinus betulus	90-120cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	10%
7	Cornus sanguinea	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	15%
7	Corylus avellana	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	15%
7	Crataegus monogyna	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	15%
5	Ilex aquifolium	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	10%
5	Ligustrum vulgare	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	10%
5	Prunus spinosa	80-100cm	Hedging stock :Feathered Whip :BR :1+2	1Ctr	10%
3	Rosa canina	80-100cm	Hedging stock :BR :1+2	1Ctr	5%
Total :49					Total :100%

NOTES

Trees: Ground work within RPA of existing trees - Any required excavations within RPA's for the new planting and fence posts shall be undertaken by hand using hand held tools only to minimize any root damage. All such works will be undertaken in full accordance with Section 7.2 of BS5837: 2012. Any required root pruning will be undertaken by the Arboricultural Consultant (where such works are appropriate in accordance with the above Standard) and as detailed in Section 7.2'.

Planting stock: All planting stock shall be source locally, UK grown plants from quality UK growers.

Advanced procurement: Whenever possible shrubs should be propagated in the UK and grown on in the UK for a minimum of two years.

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NOTES

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Dimensions: Only figured dimensions are to be taken from this drawing. All contractors must visit site and be responsible for taking and checking all dimensions related to the works shown on the drawing. All levels in meters.

Utilities/Highways/Environment: It is the responsibility of the client or their contractor to liaise with Utility Providers, Highways Authority's and Environment Agency and to ensure that all approvals are in place. It is the responsibility of the contractor to locate all underground services prior to construction.

Drawings: All drawings and levels to be checked on site prior to the construction works commencing on site. All drawings shall be read in conjunction with relevant landscape specifications.

Discrepancies: Any discrepancy on the drawings shall be referred to the CA immediately.

LEGEND

SOFT LANDSCAPING WORKS

Existing roadside vegetation retained

Proposed tree planting: each tree protected by Tubex rabbit guards supported by wooden stake

Proposed species-rich hedgerow mix A: double staggered rows 500mm apart and planted at 350mm centers; each plant protected by Tubex rabbit guards

Proposed species-rich hedgerow mixes B & C: double staggered rows 500mm apart and planted at 350mm centers; each plant protected by Tubex rabbit guards

Proposed Native Scrub Planting: Planted at 1.0m centers in groups of the same species; each plant protected by Tubex rabbit guards

Existing Grass & Proposed Amenity Grass Areas: seeded with WFG20 Eco Species Rich Lawn supplied by Germinal Seeds or similar equivalent

Grass Verge: Seeded with A18 Road Verge and Embankments supplied by Germinal Seeds or similar equivalent





Proposed Tree Planting: Trees (9nr) within gravel mobile compound shall be protected with rabbit guards and metal tree guard 1.8m high (75mm x 25mm Galvanised Tree Guard (H1.8m x D60cm); supplied by Wire fence; guard secured to timber stakes and ground pegged at base.

Proposed Hedgerow and Shrub Planting: All native tree and shrub planting shall be individually protected with a Tubex Shrub Shelter supported by a wooden stake supplied by Green-tech www.green-tech.co.uk or similar equivalent. All rabbit guards shall be secured with square softwood stakes, driven well into the ground by a minimum of 300mm to resist strong The base of each shelter shall be buried by soil to a sufficient depth to ensure there is no gap between the soil level and the shelter.

PLANNING

A 28-10-2025 Text amendments as requested by LPA

Revisions

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Scale	1:200 @ A2
Date	29-09-2025
Status	Planning Application
Drawn by	MS
Client	

Project

Land to the east of Marches Road, Warnham, Horsham, West Sussex, RH12 3SH

Drawing Title

DETAILED PLANTING PLAN & SCHEDULE

Drawing Number	Revision	
1134-LA-P-01	A	P2