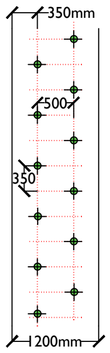
NATIVE HEDGE PLANTING MATRIX



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.

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

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 spiral 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 - NexGen Spiral 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)

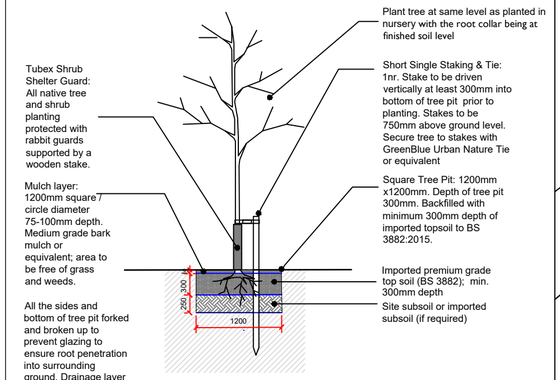
In the first spring after planting prune damaged, diseased or dead wood immediately after first leaf break. Follow with cutting the hedgerow on a two/three-year rotation regime; recommend that incremental cutting regime is applied which involves increasing the width and height of the hedge with each 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

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.

Scale 1:200 @ A2

TABLE A

Land to East of Marches Road, Warnham, Horsham, West Sussex, RH12 3SH. Project Ref: 1134

Planting - Maintenance Inspection Schedule

Activity	Frequency (See Below)	Years 1-5	Indicative Timing of Operation J	F	M	A	M	J	J	A	S	O	N	D	Comments
Soft Landscape Elements															
Individual Tree Planting															
Check tree supports, stakes and ties monthly, adjust when required.	Monthly	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Remove stakes and ties.	5	Year 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Weed control around base of tree surrounds (min 0.5m radius).	Monthly from March to October	1 to 5			✓	✓	✓	✓	✓	✓	✓	✓			
Tree inspection for damage and disease.	Annually							✓	✓						
Replace failed / dead/ missing trees during the planting season.	Annually	1 to 5	✓	✓	✓								✓	✓	
Re-firm newly planted trees as required.	Monthly	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Water new tree planting.	Water 2 water bowsers/ tree ground by source (Assume 1 water bowser/tree)	1 to 5 (Assume 1 water bowser/tree and 5 Waterings)					✓	✓	✓	✓	✓				
Top up mulch to maintain a depth of 75-100mm around the base (in March / April and September/ October).	Twice a year	1 to 5				✓	✓					✓	✓		
Fertilise	see application record for the tree					✓	✓								
Pest & disease control	When required	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	weed bird breeding / nesting season
Mowing - Mowing	When required	1 to 5	✓	✓									✓	✓	weed bird breeding / nesting season
Re-formative pruning to be undertaken to any new trees within the first 5 months post planting except for the removal of dead/ broken branches.	N/A	4 to 5	✓	✓									✓	✓	weed bird breeding / nesting season
After 1 years - Formative prune kept to a minimum only required to maintain health and vigour of the trees.	N/A	4 to 5	✓	✓									✓	✓	weed bird breeding / nesting season
Assessment of condition and structure of new tree planting.	Annually	1 to 5									✓				
Hedgerow Planting															
Check guards, stakes and ties monthly.	Monthly	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Replace any damaged or missing guards, stakes and ties.	When required	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Remove guards, stakes and ties.	Year 5	5											✓	✓	
Weed control around base of shrubs.	Twice annually	1 to 5				✓	✓	✓	✓	✓	✓	✓			
Water new planting - Increase watering during drought conditions.	Forty two week (6 no./week)	1 to 5					✓	✓	✓	✓	✓	✓			
Replace failed or damaged deciduous species.	Annually	1 to 5	✓	✓	✓								✓	✓	
Replace failed or damaged coniferous/evergreen species.	Annually	1 to 5	✓	✓	✓								✓	✓	
Re-firm new planting as required.	As required	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Top up mulch to maintain a depth of 75-100mm around the base (in March / April and September/ October).	Twice a year	1 to 5				✓	✓					✓	✓		
Pest & disease control	When required	1 to 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	weed bird breeding / nesting season
Formative prune to maintain health and seasonal foliage.	When required	5 to tail	✓	✓									✓	✓	weed bird breeding / nesting season
Hedgerow Mow Annual Maintenance															
Cut (50-100mm) fortnightly during the growing season and remove arisings from the site.	Twice Monthly from March to October	6 to 8				✓	✓	✓	✓	✓	✓	✓			
Remove fallen leaves by hand raking or leaf blower	Annually	Year 5 (Autumn)											✓	✓	
Cultivate and re-seed as required.	Annually	1 to 5				✓	✓					✓			
Weed control	As required	1 to 5				✓	✓	✓	✓	✓	✓	✓			

PROPOSED PLANTING SCHEDULE

TREES

Number	Species	Girth	Height	Specification	Density
5	Acer campestre	8-10cm	250-300cm	Standard ,Clear Stem 150-175 :BR	Counted
1	Corylus avellana		200-250cm	Multi-Stemmed ,3 Stems :BR	Counted
3	Quercus robur	6-8cm	175-200cm	Light Standard :BR	Counted

Total :9

NATIVE HEDGE MIX A

Number	Species	Height	Specification	Density	% Contr.
62	Acer campestre	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	10%
62	Carpinus betulus	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	10%
93	Cornus sanguinea	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
93	Corylus avellana	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
245	Crataegus monogyna	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	40%
62	Ligustrum vulgare	90-120cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	10%
Total :617					Total :100%

NATIVE HEDGE MIX B

Number	Species	Height	Specification	Density	% Contr.
10	Acer campestre	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	20%
10	Carpinus betulus	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	20%
8	Cornus sanguinea	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
22	Crataegus monogyna	125-150cm	Hedging stock :Feathered Whip :BR	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	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
54	Carpinus betulus	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
54	Cornus sanguinea	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
54	Corylus avellana	125-150cm	Hedging stock :Feathered Whip :BR	0.35Ctr Double Staggered at 0.5m offset	15%
145	Crataegus monogyna	125-150cm	Hedging stock :Feathered Whip :BR	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	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	10%
5	Carpinus betulus	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	10%
7	Cornus sanguinea	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	15%
7	Corylus avellana	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	15%
7	Crataegus monogyna	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	15%
5	Ilex aquifolium	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	10%
5	Ligustrum vulgare	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	10%
5	Prunus spinosa	90-120cm	Hedging stock :Feathered Whip :BR	1Ctr	10%
3	Rosa canina	90-120cm	Hedging stock :BR	1Ctr	5%
Total :49					Total :100%

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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 (5nr) 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

Revisions

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Scale	1:200 @ A1
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		P1