



UK PROVENANCE

All plant material, including seeds, should be UK-sourced and grown, with certification to be supplied on request.

WILDFLOWER GRASSLAND SEEDING

PREPARATION:

Use site-won topsoil / subsoil mix. Topsoil for postcode RH13 5NT as defined by The Cranfield Soil and AgriFood Institute (CSAFI). <http://www.landis.org.uk/soilscapes> is 'freely draining slightly acid loamy soil, low fertility'. Cultivate surface to a fine till.

SEED MIX & APPLICATION:

• BFS6 - Hedgerow and Shade Mix by British Flora or LW7M - Hedgerow and Light Shade Wildflower Seeds by Landlife Wildflowers. Optimal time for seed sowing is late summer/early autumn, or alternatively March / April. Regularly mix to ensure even species distribution and sow with a fertilizer spreader at 5 gms / sq m. Use a ring roller to firm seed bed.

ESTABLISHMENT & ONGOING MAINTENANCE:

Keep the sward short in the first year until the end of June to reduce competition and stop in July and August to allow wildflowers to seed. It is essential that all cut material is removed to reduce fertility / prevent smothering the sward. Where persistent weeds are a problem, spot treat with broad spectrum herbicide or dig-out. In subsequent years keep grass short until April / May and remove cuttings. The second cut should take place at the end of the flowering season during September / October (the flowering period may alter slightly according to climatic conditions and plant communities). Remove all cuttings. The site may require further cuts in the autumn period to remove untidy growth in an extended growing season.

HEDGE PLANTING

SETTING OUT AND EXCAVATION

Set out centre line of hedge at 1m offset from face of acoustic fence and excavate 600mm wide x 450mm deep trench. Backfill with excavated topsoil and additional compost if necessary.

PLANTS

• *Fagus sylvatica* / Common Beech: 1 + 2 x transplanted, 60-80cm high, bareroot; qty 540 no. total for 108m long hedge.

MULCH

Biodegradable Jute & Hessian Weed Mat Roll 1m wide, edges folded and dug in to hedge trench. Add 75mm depth of organic bark mulch over mulch mat after planting.

PLANTING & GUARDS

Cut slits in mulch mat for staggered rows at 400mm centres (5 plants / m) and notch plant transplants through mulch mat roll. Install Biodegradable Plastic-Free Tree Shelter Guard 600 x 100mm sq around each plant and secure with 800mm long chestnut stake.

ESTABLISHMENT & ONGOING MAINTENANCE:

Annual inspection, replacing any dead or failing plants. Remove guards at end of year 3.

INSTANT HEDGE PLANTING

Set out and prepare as for standard hedge.

PLANTS

• *Fagus sylvatica* / Common Beech: instant hedge 1.8m high, by Elveden Instant Hedges or similar approved.

ESTABLISHMENT & ONGOING MAINTENANCE:

Plant in accordance with supplier's recommendations. Prune annually in August and train to screen full 3.3m height of acoustic fence in 3-5 years.

STANDARD TREE & LARGE SHRUB PLANTING

SETTING OUT

Set out as shown on plan at irregular distances apart and no closer than 5m between adjacent plants.

PLANTS

- *Corylus avellana* / Hazel: 1 + 2 x transplanted, 60-80cm high, bareroot, branched habit; qty 4 no.
- *Prunus laurocerasus* / Cherry Laurel: 60-80cm high, rootball, busy habit; qty 3 no.
- *Acer campestre* / Field Maple: standard, 2 x transplanted, 8-10cm girth, 250-300cm high, 175-200cm clear stem, bare root; qty 7 no.
- *Acer campestre* / Field Maple: selected standard, 2 x transplanted, 10-12cm girth, 300-350cm high, 200cm clear stem, bare root; qty 4 no.
- *Quercus robur* / Oak: standard, 2 x transplanted, 8-10cm girth, 250-300cm high, 175-200cm clear stem, bare root; qty 3 no.
- *Sorbus aucuparia* / Rowan: standard, 2 x transplanted, 8-10cm girth, 250-300cm high, 175-200cm clear stem, bare root; qty 6 no.
- *Sorbus aucuparia* / Rowan: selected standard, 2 x transplanted, 12-14cm girth, 350-425cm high, 175-200cm clear stem, bare root; qty 4 no.

PLANTING PITS - SHRUBS

Excavate pit to minimum 500 sq x 400mm deep and scarify base to fork depth. Backfill with excavated topsoil and compost as necessary.

PLANTING PITS - STANDARD TREES

Excavate pit to 300mm overall larger than root ball (150mm all round), minimum 900 sq x 600mm deep and scarify base to fork depth. Backfill with excavated topsoil and compost as necessary.

STAKES - STANDARD TREES

Double staked from Ø75mm chestnut pointed pales with hessian ties between, securing to tree stem at approx 800mm above ground. Note: no guards required for standard trees.

MULCH

Ecomatt Bio Weed Mats (500mm sq for shrubs, 1000mm sq for standard trees) pegged to ground in each corner with chestnut stake. Add 75mm depth of organic bark mulch over mulch mat after planting.

ESTABLISHMENT & ONGOING MAINTENANCE:

Annual inspection, replacing any dead or failing plants and top up mulch. Remove guards and stakes at end of year 3.

KEY: TREE SURVEY

- Category A tree
- Category B tree
- Category C tree
- Category U tree
- Root Protection Area (RPA)

Refer to Tree Constraints Plan by others for full tree survey

KEY: LANDSCAPE PROPOSALS

- Acoustic fence 3.3m high
- Weldmesh fence + gate 1.8m high
- Tree / large shrub planting
- Hedge planting, transplants
- Instant hedge
- Wildflower grassland

Key to trees / shrubs:

- Ac - *Acer campestre* / Field Maple
- Ca - *Corylus avellana* / Hazel
- PI - *Prunus laurocerasus* / Cherry Laurel
- Qr - *Quercus robur* / Oak
- Sa - *Sorbus aucuparia* / Rowan

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION
Refer to designer's risk assessment

MAINTENANCE/CLEANING
Refer to designer's risk assessment

DECOMMISSIONING/DEMOLITION
Refer to designer's risk assessment

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chkd	App'd
P02	21.04.2023	Bund update	JH	NA	JH
P01	17.01.2022	ORIGINAL	NA	JH	JH

SUITABLE FOR INFORMATION S2

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ATKINS

WEST SUSSEX COUNTY COUNCIL

THE FOREST SCHOOL, HORSHAM

LANDSCAPE GENERAL ARRANGEMENT

Scale	1:500	Designed	NA	Drawn	NA	Checked	TD	Authorised	JH
Original Size	A1	Date	17/01/2022	Date	17/01/2022	Date	17/01/2022	Date	17/01/2022
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