

Typical planting Schedule

Name	Form	size/height (cm girth / metres high)	Condition	Density
Trees				
Amelancnier lamarckii	MS	2.5-3.0m high	br	as shown
Acer campestre	standard	10-12cm girth	br	as shown
Betula pendula	standard	12-14cm girth	br	as shown
Carpinus betulus	EHS	16-18cm girth	br	as shown
Malus sylvestris	standard	12-14cm girth	br	as shown
Prunus avium	standard	12-14cm girth	br	as shown
Quercus robur	EHS	16-18cm girth	br	as shown
Sorbus aucuparia	standard	12-14cm girth	br	as shown
Native hedgerow				
Cornus sanguinea (15%)	Transplant	30-60cm	Br	Planted in staggered
Corylus avellana (15%)	Transplant	30-60cm	Br	double row - 5 plants
Crataegus monogyna (20%)	Transplant	30-60cm	Br	per m
Euonymus europaeus (10%)	Transplant	30-60cm	Br	
Ilex aquifolium (10%)	Transplant	30-60cm	Br	
Ligustrum vulgare (10%)	Transplant	30-60cm	Br	
Prunus spinosa (10%)	Transplant	30-60cm	Br	
Viburnum opulus (10%)	Transplant	30-60cm	Br	
Amenity shrub planting				
Buxus sempervirens	hedge	20-30cm	1L cg	5/lin m
Cistus 'Silver Pink'	Bush	20-30cm	5L cg	4/m ²
Choisya ternata 'Sundance'	Bush	40-60cm	5L cg	3/m ²
Hebe 'Autumn Glory'	Bush	20-30cm	5L cg	4/m ²
Hebe 'Emerald Green'	Bush	20-30cm	5L cg	4/m ²
Lonicera 'May Green'	Bush	20-30cm	5L cg	4/m ²
Photinia 'Little Red Robin'	Bush	30-40cm	5L cg	4/m ²
Prunus laurocerasus 'Otto Luyken'	Bush	40-60cm	5L cg	5/m ²
Skimmia 'Olympic Flame'	Bush	40-60cm	5L cg	4/m ²
Vinca minor 'Variegata'	Bush	20-30cm	3L cg	5/m ²

Planting specification

Topsoil
All soft landscape areas to be ripped through to a minimum depth of 450mm, or as necessary to relieve compaction and provide positive drainage, prior to topsoiling.
Soft landscape areas to be have a minimum depth of 150mm in turfed areas and 450mm topsoil in shrub planting areas.
Finished topsoil levels in turfed areas to be level with adjoining paving and kerbs, and in planted areas 50 mm below adjoining paving and kerbs.
Finished topsoil levels to be a minimum 150 mm below dpc of adjoining buildings.
All topsoil to conform to BS 3882: 2007 'Multipurpose' or better. If existing topsoil is reclaimed and stored on site for re-use in soft landscape areas, obtain an independent analysis in accordance with BS 3882, Annex E, and ameliorate soil in accordance with recommendations.

Turfing
Turf to be laid ideally in Spring or Autumn, or may be laid at other times if the weather conditions are suitable. Do not lay when persistent cold or drying winds are likely to occur or when soil is frost bound, waterlogged or excessively dry.
Areas to be turfed to be cleared of weeds by hand weeding.
Pernicious weeds to be treated with selective contact herbicide.
Topsoil to be cultivated to smooth flowing contours and stones over 25mm dia. removed.
A slow release pre-seed fertiliser to be incorporated into the top 25mm 3-5 days before turfing.
Areas to be cultivated to bring to a fine tilth immediately prior to turfing.
Turf to be Rolawn 'Medallion' or equal approved and laid within 24 hours of delivery.
Turf to be laid from planks and placed with broken joints, well butted up. Do not stretch turf.
Edges to be formed with whole turfs, trimmed to a true line. Laid turf to be lightly firmed without using rollers. Fill any joints with fine soil or sandy loam.
Completed turf to be thoroughly watered immediately after laying.
First cut to take place when grass is reasonably dry and height of initial growth is 40-75 mm. Arisings to be collected and removed from site. Cut and maintain to a height of 25-50mm. Collect and remove arisings from site.

Seeding for meadow grassland
Sowing
Sow in autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. Seed must be surface sown and can be applied by machine or broadcast by hand. Divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good soil/seed contact.

Prepare seed bed & remove weeds using repeated cultivation or a herbicide. Plough or dig to bury the surface vegetation, harrow or rake to produce a medium tilth, and roll, or tread, to produce a firm surface. Loamy soils are easily worked and can usually be prepared for seeding in either the autumn or spring.
Meadow grassland area to be seeded with Emorsgate EM5 - Meadow mixture for loamy soils. 80% grasses, 20% wildflowers sown at 4g/m²2.

Planting - general
Planting to take place at the correct time of year, ie late October to late March, and when the weather conditions are suitable and the ground is moist and friable. Do not plant when the ground is waterlogged, frozen or snow covered, or during strong winds.
Plants to be true to name and specification, and to the relevant part of BS 3936.
Substitutions will not be accepted unless agreed in writing.
Plant handling to be to the HTA's Standard 'Handling and establishing landscape plants'. Plants shall be covered during transport. Bulk deliveries shall be in pallets or sealed containers with the plants kept upright and protected to avoid damage.

Shrub and herbaceous planting
Planting areas to be cleared of weeds by hand weeding.
Pernicious weeds to be treated with selective contact herbicide prior to cultivation.
Planting areas to be cultivated to a depth of 250mm incorporating 50mm depth of organic compost to PAS 100. Do not use peat based products. Cultivate to loosen, aerate and break up soil into particles of 2-8 mm and leave surface regular and even. Remove visible weeds, roots, and large stones with any dimension exceeding 50 mm. Do not dig or cultivate soil within root spread of trees and shrubs to be retained.
Slow release fertiliser (Scotts Emmag CRF or similar) to be incorporated into the top 25mm at the rate of 40g/m² 3-5 days before planting.
Planting densities to be as plant schedule and plants set out evenly across beds.
Planting pits for shrubs to be 150mm wider than roots when fully spread and 200mm deep.
Planting pits to be backfilled using previously excavated material and lightly firmed in.
Planting beds to be mulched with ornamental bark mulch, or wood chip mulch for native boundary hedge planting only, to a depth of 75mm taking care not to bury shoots of low growing plants.
Planting beds to be maintained in a weed free condition up to practical completion and any defects, including theft and malicious damage, during this period to be made good.

native hedge
Remove existing vegetation from line of hedge and create trench for planting, 600mm wide x 400mm deep. Hedge to be planted with staked Tubex shrub shelters 600mm high in double staggered row, 5lin m with rows 450mm apart. Add plenty of peat-free organic compost as you back-fill with the spare soil around the roots.

- Tree planting**
All tree pits to be provided with a perforated plastic irrigation pipe, 50 mm diameter, positioned to form a circle above and around sides of rootball, and fitted with a plastic end cap.
Advanced Nursery Stock trees to be double staked with two stakes 2.1m long x 75mm dia (min) driven into the ground to either side of the rootball. Top of stakes to be 750mm above finished soil level.
Standard trees to be single staked with a stake 1.8m long x 50mm dia (min) driven into the ground next to the rootball on the windward side of the tree. Top of stake to be 600mm above finished soil level.
Tree stems to be attached to stakes with a 'Toms' tree tie or similar approved. Ties to be attached to stakes with galvanized flat headed nails.
Tree pits to be backfilled using previously excavated material mixed three parts to one with TPMC, or similar approved, and firmed in in 150mm layers, ensuring tree and stakes remain vertical.
Trees in grass areas to have a neat tree ring formed 1.0m diameter, and to be mulched with an ornamental bark mulch to a depth of 75mm on completion.
- Maintenance and defects liability period**
All landscaped areas to be maintained for a period of 12 months following practical completion and to be subject to a 12 months defects liability period. Advanced Nursery Stock, Heavy Standard trees to be subject to a 24 months defects liability period.
Maintenance visits to be carried out weekly during the growing season and fortnightly during the winter.
- Grass:**
Ensure that trees and shrubs are not damaged by use of mowers. Arisings to be collected and removed from site.
- Turfed lawns: (approx 13-14 cuts per annum). Ensure no tufts or bents left standing above the cut height of the sward. Remove clippings during periods of high growth. Collect clippings during periods of low growth and remove off site. Trim edges abutting hard areas, shrub beds, manholes, etc.. Reform edge annually as required. Weed control as necessary. Reseed / rejuvenate thin areas as required.
 - Seeded meadow grassland: approx 3 cuts per annum: first in early Spring ie end of February (height 40-75mm), a hay cut mid-summer ie mid-August to September (height 50-75mm), then late autumn cut ie end October (40-75mm).No cutting shall take place while meadow species are in flower in order to maximise the food source available to wildlife. All cuttings should be removed to prevent smothering of wildflower seedlings and to prevent nutrient build up, which can encourage competitive species.The use of fertilisers or herbicides should be avoided to maximise species diversity in the long term.
 - Mown grass paths: Maintain to a height of 75mm (approximately monthly cuts) throughout the growing period ie March to October.

- Hedges:**
Box hedge to be cut twice a year to maintain clipped form. First cut should be done around late May or mid-June, after the first growth spurt. Second cut in September or October.
Once established, native hedge to be trimmed during the winter but with regard to berries and flowers which should be allowed to fully develop in order to maximise food availability and cover for wildlife. In particular trimming operations during the bird nesting period shall be avoided. It is an offence to disturb nesting wild birds and their nests under the Wildlife and Countryside Act 1981 (as amended) generally between March to August inclusive. In all cases, check in advance that there are no birds nesting in the area of operation. Trim third of a hedge at a time to provide undisturbed areas for wildlife. Keep hedge line weed free by hand weeding and mulching.
- Shrub and herbaceous planting areas and tree rings:**
- To be maintained in a weed free condition by hand weeding taking care not to displace the mulch.
 - Remove litter from hard and soft landscape areas including grass.
 - Check condition of tree stakes, ties, guys and guards. Replace broken or missing items and adjust to prevent rubbing and to accommodate growth. Check for wind rock particularly after strong winds and firm in / adjust stakes.
 - All trees and planting areas to be thoroughly watered as required at each maintenance visit. In the event of water restrictions seek guidance from the employer.
 - Mulch to be topped up to 75mm depth at the end of the defects liability period.
 - Leave the works in a clean tidy condition at completion and remove all arisings after each maintenance visit.
- defects:**
- Any defects, other than theft or malicious damage, occurring during the defects liability period to be made good.
 - Any plants that die or fail to establish in the first five years after planting should be reported to the employer and replaced with identical species. Failures occurring after satisfactory making good at the end of the defects liability period are the Employer's responsibility.

All tree stakes and ties to be removed 24 months after planting. In the case of replacement trees, or trees requiring continuing support, these are to remain and checked again after 12 months. All stakes and ties are to be removed as soon as the trees are able to support themselves.



Contractors are not to scale dimensions from this drawing

Revision Date
Rev A AR layout amends 10.4.17

Legend

- existing trees retained
- tree planting
- 1.8m High Close boarded fence
- coloured Tarmacadam (colour: buff gravel)
- Tarmacadam for roads
- Tarmacadam for footpaths
- Tegula setts (colour: Traditional)
- Saxon paving flags (colour: natural)
- proposed amenity grass areas
- proposed meadow grass areas
- proposed shrubs and ground cover
- proposed Box hedge
- proposed native mixed hedge

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Client
The Croft medical Centre
Project
The Croft Medical Centre, Barnham

Title
Landscape details sheet 2 of 2

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