PLANT SCHEDULE

Trees

Trees

Number	Species	Girth	Height	Specification	Density
3	Amelanchier arborea 'Robin Hill'	12-14cm	350-400cm	Selected Standard	RB 2x
3	Malus 'Rudolph'	12-14cm	350-400cm	Selected Standard	RB 2x
5	Prunus subhirtella 'Autumnalis'	12-14cm	350-400cm	Selected Standard	RB 2x
1	Pyrus calleryana 'Chanticleer'	12-14cm	350-400cm	Selected Standard	RB 2x
1	Sorbus aria 'Lutescens'	12-14cm	350-400cm	Selected Standard	RB 2x
3	Sorbus commixta 'Embley'	12-14cm	350-400cm	Selected Standard	RB 2x

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Preparation and planting:

Multipurpose Topsoil to comply with BS 3882. Remove any general rubbish, stones, large roots and existing weed vegetation from the planting site. Plant in the dormant season between late October to late March. Plant immediately upon delivery from the supplier. Roots must be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 150mm wider in all directions) and break up the base. Back fill top soil into the planting pit to bring the root ball level with the soil surface. Place the tree into the planting pit and backfill with top soil, firming in to hold the root ball in place. Water immediately. Trees will require staking, place two stakes driven 500mm into the base of the tree pit with 600mm clearance above ground directly opposite each other with the tree in between the two. Using cross bracing and soft tree ties to secure the tree loosely to the stakes. Apply 75mm settled depth of chipped bark to an area 1m radius from the tree trunk.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 10L per tree per day. Top up annually to 75mm settled depth chipped bark. After the fifth year remove the stakes from the trees.

Native hedgerow

Mixed Species Rich Native Hedgerow

Number	Species	Specification	Density	Percentage Contribution
95	Acer campestre	BR :1+1 : groups of 3-8	0.4C/tr Double Staggered at 0.4m offset	10%
48	Cornus sanguinea	BR :1+1 : groups of 3-8	0.4C/tr Double Staggered at 0.4m offset	5%
235	Corylus avellana	BR :1+1 : groups of 3-8	0.4C/tr Double Staggered at 0.4m offset	25%
235	Crataegus monogyna	BR :1+1 : groups of 3-8	0.4C/tr Double Staggered at 0.4m offset	25%
48	Ilex aquifolium	Individuals	0.4C/tr Double Staggered at 0.4m offset	5%
48	Lonicera periclymenum	Individuals	0.4C/tr Double Staggered at 0.4m offset	5%
48	Malus sylvestris	BR :1+1 : groups of 3-5	0.4C/tr Double Staggered at 0.4m offset	5%
95	Prunus spinosa	BR :1+1 : groups of 5-9	0.4C/tr Double Staggered at 0.4m offset	10%
48	Rosa canina	BR :1+1 : groups of 3-8	0.4C/tr Double Staggered at 0.4m offset	5%
48	Viburnum opulus	BR :1+1 : groups of 3-5	0.4C/tr Double Staggered at 0.4m offset	5%
Total :948				

Branched, planted in a double staggered row at 400mm centres with 400mm between rows, protect plants with spiral tree guards and apply 75mm settled depth of chipped bark or similar to supress weeds.

Year 1-3: Standard hedgerow establishment in accordance with supplier guidelines.

Year 4 onwards: Cut no more than 90% of hedge in February, spread chippings under the hedge. Leave remaining sections to grow for 1 further year. Vary the location of sections which are left for two years each year.

Ornamental planting

Shrubs

Number	Species	Pot Size	Height	Specification	Density
34	Cytisus scoparius	3L	30-40cm	RB :Bushy	4/m²
22	Hebe 'White Gem'	3L	20-30cm	C :Bushy	4/m²
48	Hebe ellipfica 'Variegata'	3L	30-40cm	C :Bushy	4/m²
59	Skimmia japonica 'Fragrans'	3L	30-40cm	C :Bushy	4/m²

Prairie mix 1

Number	Species	Pot Size	Spread	Specification	Density	Percentage Contribution
27	Aster macrophyllus	3L	20-30cm	C	5/m²	3%
79	Calamagrostis brachytricha	3L		Full Pot	5/m²	10%
27	Digitalis ferruginea	3L	20-30cm	C	5/m²	3%
42	Echinacea purpurea	3L	20-30cm	C	5/m²	5%
79	Eragrostis curvula	3L		Full Pot	5/m²	10%
27	Eupatorium cannabinum	3L	20-30cm	C	5/m²	3%
27	Filipendula ulmaria 'Variegata'	3L	20-30cm	C	5/m²	3%
42	Hemerocallis lilioasphodelus	3L	20-30cm	C	5/m²	5%
79	Miscanthus sinensis 'Kleine Fontane'	3L		Full Pot	5/m²	10%
79	Molinia caerulea arundinacea 'Transparent'	3L		Full Pot	5/m²	10%
27	Monarda 'Prairie Night'	3L	20-30cm	C	5/m²	3%
79	Panicum virgatum 'Heavy Metal'	3L		Full Pot	5/m²	10%
79	Pennisetum alopecuroides	3L		Full Pot	5/m²	10%
42	Rudbeckia laciniata	3L	20-30cm	C	5/m²	5%
79	Stipa calamagrostis	3L		Full Pot	5/m²	10%
Total :814						

Shade Mix 1

Number	Species	Pot Size	Height	Specification	Density	Percentage Contribution
24	Dryopteris filix-mas	3L		Full Pot	4/m²	20%
12	Hebe brachysiphon	3L	30-40cm	C	4/m²	10%
12	Hebe ochracea	3L	30-40cm	C	4/m²	10%
12	Pulmonaria angustifolia	3L		C	4/m²	10%
12	Ruscus aculeatus	3L	30-40cm	C	4/m²	10%
12	Sarcococca confusa	3L	30-40cm	C	4/m²	10%
12	Sarcococca hookerana digy. 'Purple Stem'	3L	30-40cm	C	4/m²	10%
12	Skimmia japonica 'Fragrans'	3L	30-40cm	C	4/m²	10%
12	Vinca minor	3L	30-40cm	C	4/m²	10%
Total :120						

Preparation and planting:

Multipurpose topsoil to comply with BS 3882. Remove any general rubbish, stones, large roots and existing weed vegetation greater than 50mm in any one dimension from the planting site.
Break up subsoil and cultivate to a depth of 300mm. Add top soil to a further settled depth of 300mm. Plant in the dormant season between late October to late March. Plant immediately on delivery from the supplier and ensure to retain moisture to the roots. Roots shall be well soaked prior to planting. Dig a planting pit larger than the root ball (at least 50mm wider in all directions), add pelleted chicken manure or similar to the planting pit prior to planting in accordance with the manufacturers instructions. Back fill top soil into the planting pit to bring the root ball level with the soil surface. Place the plant into the planting pit and backfill with top soil, firming in to hold the root ball in place. Water immediately. Apply a biodegradable weed suppressant matting overlayed with 75mm settled depth of bark chippings to the shrub bed post planting to suppress weed growth. These instructions apply to all shrubs and perennials to be planted in the ornamental planting beds.

Maintenance requirements:

During the first growing season, water regularly until new roots have established. Thereafter water regularly in hot weather. Allow 3L water per shrub and 2L per perennial per day. At the end of the growing season cut away any dead, damaged, diseased, dying or crossing branches to maintain plant health. For the first 5 years feed all new plants with pelleted chicken manure or similar in accordance with the manufacturers instructions, once a year at the beginning of the growing season and water in. Thereafter a mulch of organic matter such as well rotted manure or leaf manure or compost at the beginning of the growing season will maintain a healthy supply of nutrients for each plant. Top up annually to 75mm settled depth of bark chippings to the shrub bed to suppress weed growth. Remove and replace any diseased plants to prevent the spread of disease.

Species rich grassland

Grass Areas

Seed Mix Name	Seed Mix Supplier	Density
EM2 Standard Meadow	Emmorsgate Seeds	4g/m²

Ground preparation:

Break up subsoil to a depth of 300mm and remove any rubbish or material greater than 50mm in any dimension. Remove perennial weeds using repeated cultivation. Apply 50mm topsoil.

Sowing:

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out 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.

Aftercare:

First year management:

Most sown meadow wildflower and grass species are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season which may grow up and obscure the meadow seedlings beneath. This annual weed growth is easily controlled by topping or mowing. Mow newly sown meadows regularly throughout the first year of establishment to a height of 40-60mm, removing cuttings if dense. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wildflowers. Carefully dig out or spot treat any residual perennial weeds such as docks.

Management once established:

In the second and subsequent years EM2 sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based around a main summer hay cut in combination with autumn and possibly spring mowing. Meadow grassland is not cut from spring through to late July/August to give the sown species an opportunity to flower. After flowering in July or August take a 'hay cut'; cut back with a scythe, petrol strimmer to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site. Mow the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

Amenity grass

Grass Areas

Seed Mix Name	Seed Mix Supplier	Density
EG22 Strong Lawn Grass Mixture	Emmorsgate Seeds	25g/m²

Ground preparation:

Treat weed growth with a suitable herbicide and leave for 2-3 weeks prior to removing. Remove weeds using repeated cultivation. Plough or dig to break up the ground and remove any stones, rubble, large roots or other debris over 50mm in size and dispose off site, then cultivate the soil with a rotovator, harrow or rake to produce a medium tilth. Leave the ground to settle for several days or weeks. Lightly re-cultivate the surface, pick off any large stones or bricks, then rake and roll (or tread) the soil surface repeatedly in different directions, moving soil if needed to smooth out minor humps and depressions until you have a firm even surface. The final raking and rolling should produce a seed bed with a medium-fine tilth ready for seeding.

Sowing:

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out 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.

Aftercare:

First year management:

Once seedling grasses are established, (typically in good growing conditions about three to four weeks after sowing), lightly roll or tread to firm and level the soil around the grass roots ready for the first cut. (Do not roll however if the ground is saturated with water).
After a few days, when the grass has picked up again, the lawn will be ready for its first cut. Cut with the mower set on a high setting (50mm +), aiming to trim the sown grass back by about one-third of its height and cut back any weeds.
Thereafter mow the new lawn regularly as needed to maintain a sward height of between 25-40mm.
A new sown lawn will take a full year or more to reach full strength and ground cover and knit together as a turf. It can be walked on during establishment, but avoid heavy use that might cause wear and tear.

Management once established:

Mow lawns regularly as required throughout the growing season (generally March - October). In the summer increase the mowing regime to twice a week unless the lawn is suffering drought in which case drop it back to once a week and increase the watering regime.

Project Name: Yew Tree Road

Drawing Name: Landscape Masterplan

Drawing No: DR-5871-02

Drawn: TH Checked: MB

Date: October 2023

Scale: 1:150 at A0

FOR PLANNING		
P03	TH	13.10.2023
Rev	Drawn	Date

NB: All areas are indicative, scaled from plan, and must be checked on site.

NB: See architects drawings for details of boundary treatments. Proposals shown on this drawing for illustration purposes only.

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