

**EM2 Standard General Purpose Meadow Mixture**

EM2 is a complete mix composed of 15% native wild flowers and 85% slow growing grasses (by weight). The flower and grass components are also available to order separately as EM2F for the flower component and EG1 for the grass component.

**Wild flowers - 15%**

- 0.45% Agrimonia eupatoria - Agrimony
- 1.95% Centaurea nigra - Common Knapweed
- 1.05% Daucus carota - Wild Carrot
- 1.20% Galium verum - Lady's Bedstraw
- 0.90% Knautia arvensis - Field Scabious
- 0.75% Lathyrus pratensis - Meadow Vetchling
- 0.075% Leontodon hispidus - Rough Hawkbit
- 1.80% Leucanthemum vulgare - Oxeye Daisy
- 1.95% Malva moschata - Musk Mallow
- 1.80% Plantago lanceolata - Ribwort Plantain
- 1.20% Poterium sanguisorba ssp sanguisorba - Salad Burnet
- 0.75% Primula veris - Cowslip
- 0.30% Prunella vulgaris - Selfheal
- 0.075% Ranunculus bulbosus - Bulbous Buttercup
- 0.75% Vicia cracca - Tufted Vetch



**Grasses - 85%**

- 8.50% Agrostis capillaris - Common Bent
- 29.75% Cynosurus cristatus - Crested Dogtail
- 25.50% Festuca rubra - Red Fescue
- 4.25% Phleum bertolonii - Smaller Cat's-tail
- 17.00% Poa pratensis - Smooth-stalked Meadow-grass

**Planting Implementation**

**1.0 GENERALLY**  
All work must be carried out in accordance with good horticultural practice and to the satisfaction of the supervising Landscape Architect.

**1.1 SITE CLEARANCE** (areas to be planted)  
Where the site has not been wholly cleared, the Contractor shall cut, rake up and remove from areas to be planted all surface vegetation excepting those existing plants to be retained as shown on the drawings. Roots within planting areas outside of Root Protection Areas and buffer zones shall be grubbed up. The Contractor is to allow for the removal from Site of all rubbish, stones and weed growth.

**1.2 EARTH FILL AND GRADING**  
When this is to form part of the works, the Contractor must firstly strip all site topsoil from the area to be filled or graded, making sure that all the existing vegetation and stones over 50mm have been removed and carted off site. Store the topsoil in uncompacted heaps not over 1.25m in height, taking care that it is not mixed with subsoil or deleterious material.

**1.3 SUBSOILING AND TOPSOILING**  
Soil profiles for areas of new planting:  
- Grass: 150mm depth topsoil over 150mm depth subsoil  
- Shrubs and Hedges: 300mm depth topsoil over 300mm depth subsoil  
- Trees: 300mm depth topsoil over 600mm depth subsoil  
- Root Protection Areas: undisturbed

Any levels to be made up beneath topsoil depths shall be made up by using sub-soil fill. Topsoil and sub-soil shall each be deposited in separate spoil heaps. Deposited material shall be evenly consolidated, and lumps broken up.

**1.4 TIMING OF PLANTING**  
All tree and shrub planting, including containerised stock, shall be carried out between October and March but not during periods of frost, drought or cold drying winds. Planting to take place in first planting season after building and infrastructure works are completed.

**1.5 PROTECTION OF SUPPLIED PLANTS**  
Plants shall be protected from root exposure and desiccation at all times, bare roots shall be heeled in properly and protected during the planting operation. Containerised plants shall be adequately watered whilst awaiting planting. Seeds shall be protected from harmful temperature/moisture fluctuations and vermin.

**1.6 TREE SUPPLY, HANDLING AND PLANTING**  
Shall be accordance with BS8545:2014 (Trees: from nursery to independence in the landscape - recommendations). Staking (low-level) only required for standards and larger sizes. All ties to be biodegradable. Native trees and shrubs to be of local provenance.

**1.7 SHRUB CULTIVATION, PREPARATION AND PLANTING.**  
The whole of the areas to be shrub planted outside of Root Protection Areas, are to be thoroughly cultivated to a fine tilth by hand or machine, where appropriate and broken up to not less than 300mm deep and thoroughly cleared of all extraneous matter. Fill depressions in ground surface with topsoil and lightly compact in 150mm layers until surface is level with surface of surrounding ground. Prior to planting, fork in a 50mm layer of composted bark, composted garden waste or mushroom compost. Bring the soil to an even tilth and necessary firmness. Dig holes to adequate size and depth to take rootball or root system. Pit diameter should exceed root spread by 300mm. Make sure that the root system is not damaged in any way and that the plant is at the same depth as it was at the nursery. Backfill is to be well worked in around the roots and properly firmed in.

**1.8 LAWN SEEDING/TURFING**  
The Contractor shall carry out seeding/turfing and maintenance of seeded areas in accordance with the seed/turf supplier's guidance. Areas for seeding/turfing should be on firmed but not compacted topsoil of minimum 150mm depth that has been broken up to full depth (except within in Root Protection Areas). The surface should be reduced to a fine tilth and areas to be seeded/turfed should be free of weeds. Surface stones exceeding 10mm should be removed prior to seeding/turfing.

**1.9 WATERING**  
At the time of planting and at such times as directed, all plants shall be thoroughly watered. Thoroughly water all plants immediately after planting but prior to mulching. Water as required to ensure establishment.

**1.10 BARK MULCH**  
After planting spread bark mulch to a depth of 75mm over all tree and shrub and herbaceous planted areas. Use 1m radius circle of mulch around proposed trees. Medium grade bark mulch particle size 10-40mm, wood content <20%. Dust and fines minimum, durability 1-2 years, FSC certified, free from pests disease fungus weeds or any contaminant that is hazardous to human or animal life or detrimental for plant growth.

**Tree Planting Schedule**

ID	Latin Name	Scheduled Size	Quantity
Co-ko-MW	<i>Cornus kousa</i> 'Milky Way'	25Lt Container Grown Multistem	2
So-au-SS	<i>Sorbus aucuparia</i> Sheenwater Seedling	12-14cm, Heavy Standard, Rootballed - Double Staked	1

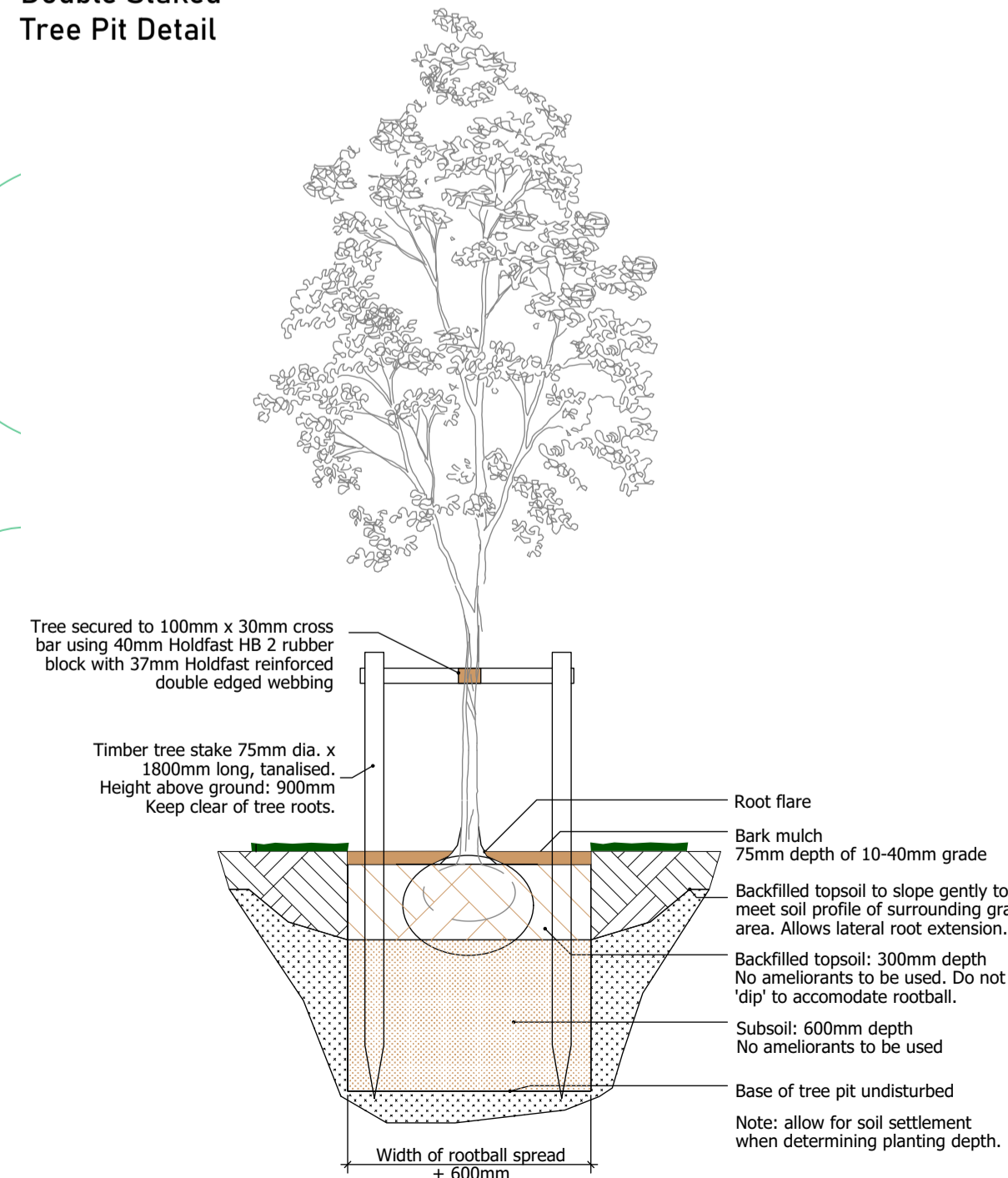
**Ornamental Shrub and Herbaceous Planting Schedule**

ID	Latin Name	Scheduled Size	Quantity
Am-La MS	<i>Amelanchier Lamarckii</i>	250 300cm Multi Stem Rootballed Single Staked	3

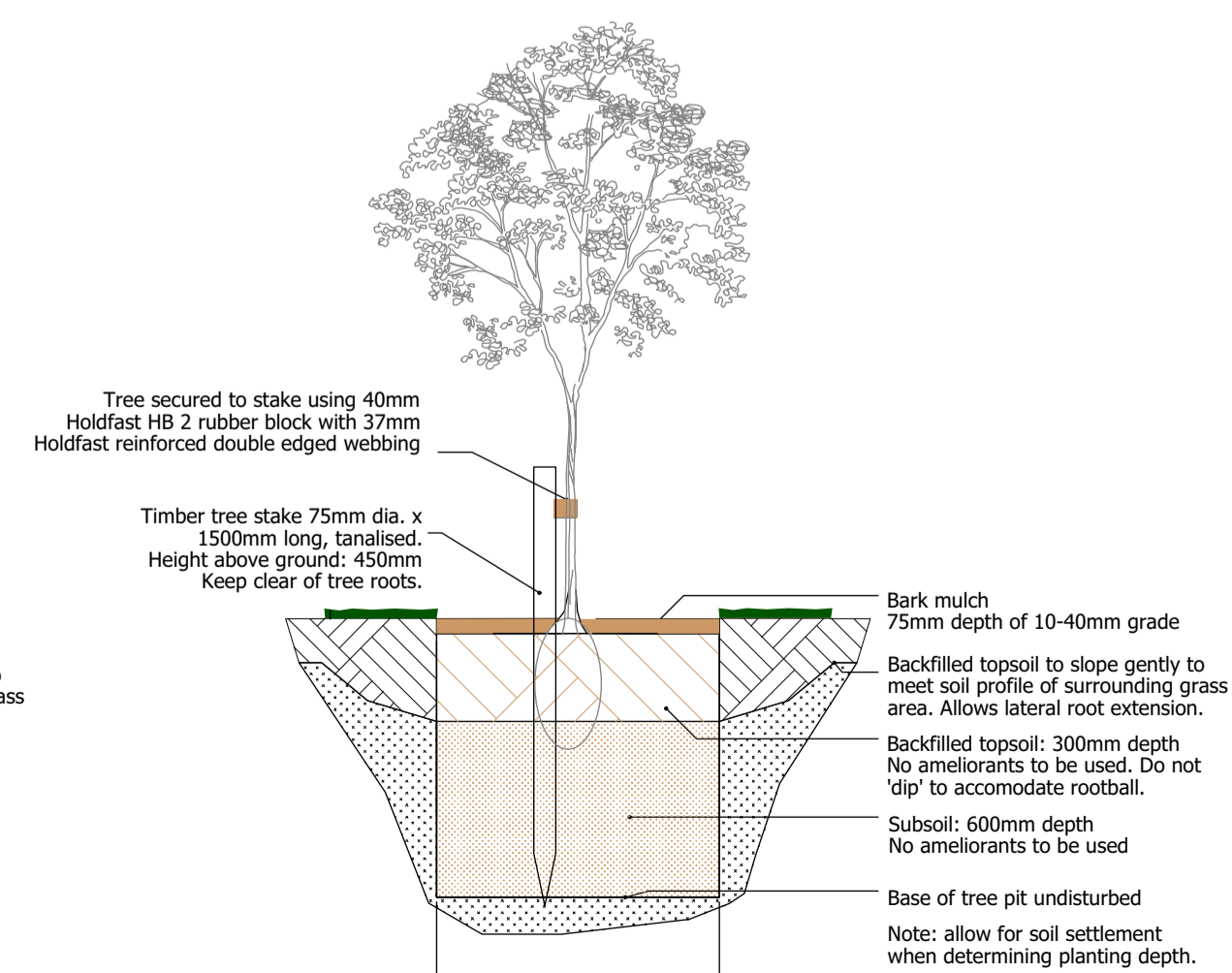
**Hedge Planting Schedule**

ID	Latin Name	Scheduled Size	Quantity
Ca-be-whip	<i>Carpinus betulus</i>	Whip, Barerooted	202
			0

**Double Staked Tree Pit Detail**



**Single Staked Tree Pit Detail**



**notes:**

- All dimensions to be checked and confirmed onsite prior to any works.
- Do not scale off this drawing.
- Any errors, omissions or discrepancies are to be brought to the attention of Lingard Farrow Styles immediately.

**key:**

**lingard.farrow.styles**  
landscape architects • urban designers • environmental consultants

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-	03/04/24	first issue

tel: 0333 4561132 fax: 01743 243602  
email: info@lingardstyles.co.uk  
9 College Hill, Shrewsbury Shropshire, SY1 1LZ  
The Studio, Farm Lodge, Leighton, Welshpool, Powys, SY21 8HJ

client / project:

**Land Queensmead House School**  
Kings Road  
Windsor  
SL4 2AX

**title:**

**Proposed Site Plan with Ecological Mitigation Measures**

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