



KEY

New tree	Woodland mix
Existing tree	Understorey shrubs and woodland wildflowers EWIF
Native Hedge	Existing fence
Woodland wildflower EWIF	New fence
Existing planting	Fence to be removed

PLANTING SCHEDULE Bunkers Hill

Woodland Trees mix			
no. Species	Height - Spread	Density	
Planted at 1500 mm centres			
33 <i>Betula pendula</i>	40-60	-	
33 <i>Carpinus betulus</i>	40-60	-	
33 <i>Crataegus monogyna</i>	40-60	-	
33 <i>Fagus sylvatica</i>	40-60	-	
33 <i>Prunus avium</i>	40-60	-	
33 <i>Quercus robur</i>	40-60	-	
33 <i>Tilia x europaea</i>	40-60	-	
Trees			
no. Species	Height - Spread	Density	
4 <i>Acer campestre</i>	14-16 grth	As shown	
3 <i>Alnus cordata</i>	14-16 grth	As shown	
3 <i>Carpinus betulus</i>	14-16 grth	As shown	
4 <i>Prunus avium</i>	14-16 grth	As shown	
3 <i>Quercus robur</i>	14-16 grth	As shown	
Understorey Shrubs			
no. Species	Pot Size	Density	
117 <i>Buxus sempervirens</i>	40-60 cm	5%	
467 <i>Corylus avellana</i>	40-60 cm	20%	
350 <i>Ilex aquifolium</i>	40-60 cm	15%	
233 <i>Lonicera periclymenum</i>	40-60 cm	10%	
467 <i>Prunus spinosa</i>	40-60 cm	20%	
233 <i>Rosa canina</i>	40-60 cm	10%	
233 <i>Sambucus nigra</i>	40-60 cm	10%	
117 <i>Viburnum lantana</i>	40-60 cm	5%	
117 <i>Viburnum opulus</i>	40-60 cm	5%	
Native Hedge			
no. Species	Pot Size	Density	
Planted at 300 mm centres -double staggered rows 300 mm apart			
69 <i>Acer campestre</i>	Bare root	15%	
23 <i>Cornus sanguinea</i>	Bare root	5%	
137 <i>Crataegus monogyna</i>	Bare root	30%	
45 <i>Corylus avellana</i>	Bare root	10%	
23 <i>Euonymus europaeus</i>	Bare root	5%	
69 <i>Ilex aquifolium</i>	Bare root	15%	
45 <i>Prunus spinosa</i>	Bare root	10%	
23 <i>Rosa canina</i>	Bare root	5%	
23 <i>Viburnum opulus</i>	Bare root	5%	
Grass seed mix			
no. Species		Density	
Emarsgate EWIF - Wild Flowers for woodland			
		1.5 g / m ²	

PLANTING CONCEPT



MANAGEMENT

All transplants and trees to be maintained weed-free. Woodland area to be selectively thinned in years 3 and 6 to leave strongest plants, and a diverse species mix - with room between trees to allow full establishment.

SPECIFICATIONS

- Topsail to be handled (i.e. excavated and/or imported, stored, spread, cultivated) in accordance with method agreed in writing by Landscape Architect prior to work commencing. Amelioration to be determined by analysis. Prior to planting a soil test is required to determine soil sustainability and any requirements for amelioration. Topsail to be 300mm min. depth in grassed areas; 400mm min. depth in hedges; 400mm depth in backfill to specimen shrub. If poor drainage is suspected in existing soil surfaces, these should be broken up prior to planting to a depth of 400mm to remove likelihood of compaction and damage to new planting areas. Imported topsail to be a quality loam to BS 3882. In areas of 'made' ground, a minimum depth of 200 mm of approved subsoil (to BS8601) is required overlying a free draining substrate. Imported soil shall be laid in layers of 200 mm thick and lightly compacted. The final layer shall not be compacted. Approved (peat-free) composts and fertilizers to be added during cultivation as required to full depth of growing medium.
 - All topsail areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsail layer, incorporating ameliorants as specified and/or as indicated by analysis and/or as directed by the Landscape Architect. Hand cultivations shall be carried out to achieve the required finish on areas where machine cultivation is impossible i.e. adjacent to kerbs, manholes and footpath junctions etc. Surplus plant matter, rubbish and surface stones having any dimension greater than 25mm shall be collected and removed from the site.
 - General plant stock to conform to BS 3936, advanced nursery stock to BS 5236, and planting to BS 4428.
 - Establishment maintenance for all planting for 1 year from Practical Completion to include weed control and watering as required and replacement of failures to original specification in the planting season following failure. Thereafter and on-going maintenance contract shall be instigated by the site owner/operator.
 - All plant material to receive pruning as required and hedges to be trained and edged as required.
 - All setting out shall be agreed with the landscape architect prior to commencing planting.
 - Watering: all trees and shrubs to be thoroughly watered-in prior to mulching and thereafter watered until established and in periods of drought.
 - All plants shall be protected with approved tree or shrub shelters or spiral rabbit guards and canes for each plant or transplant.
- TREES**
Trees shown on plan to be planted with species as labeled. Trees to be planted with 400mm depth 80% clean topsail BS 3882:2015, 20% approved compost and 100gms granular fertilizer over 200mm washed medium coarse sand bed to base of pit. Subsoil BS 8601:2013
Trees to be bouble staked with a cross bar or similar approved.
- HEDGES**
All plants to be planted in single trench of min. size 600mm wide by 400mm deep to accommodate full root spread, backfilled with approved mix of topsail, compost and granular fertiliser.
- SHRUBS**
All plants to be planted in prepared topsail beds, minimum 400mm deep, to accommodate full root spread, backfilled with approved mix of topsail, compost and granular fertiliser. All plants to be planted 300mm min. distance from kerb lines to allow room for establishment. All plants to be protected with approved shrub shelters if required.
- WILDFLOWER GRASS**
Prepare the seed bed by removing any weeds using repeated cultivation or a herbicide. Cultivation close to established trees and shrubs can be damaging to their root systems so take care not to dig too deep, keeping disturbance to the minimum required to expose fresh soil.
Sowing rates and application for wild seed mixtures as per Emarsgate recommendation. Mowing to be late August/early September removing the arisings. Weed control shall be by hand pulling or weed wiping
- NOTES** : Any trees or plants which, within a period of 12 months after planting, are removed, die or become seriously damaged or defective, shall be replaced in the next planting season with other species, size and number as originally approved, to be agreed in writing by the Local Planning Authority.

Note: Setting out to be agreed under tree canopy and planting to take account of existing tree roots (may not achieve specified planting density in places). Will also need additional watering for establishment.

First issued	P01	MLM	03/08/2021
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Revision description

No.	By	Date
1	See Landscapes Differently	

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Status: Discharge of Planning Condition

Project: Bunkers Hill

Description: Planting Plan

Scale(s)	1:200 @ A2	Date	03/08/2021
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Drawn By	MLM	Checked By	AS
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Drg. No.	ASA-635-DR-001	Rev.	P01	Drft	-
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Levels and dimensions to be checked on site prior to commencement of work. All discrepancies to be reported to the landscape architect immediately.
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