

PLANNING NOTES (SOFT LANDSCAPE):

1. SOILS: Subgrade / subsoil to be prepared in accordance with BS 8601:2013 and BS 4428:1989 and scarified or ripped to 300mm depth (excluding root protection areas of retained trees refer to Tree Protection Plan) prior to spreading topsoil to alleviate compaction and promote drainage. Imported and as saved topsoil to be in accordance with BS 3882: 2015 'Multipurpose Grade' with minimum soil organic matter contents 1% greater than the minima value (or as approved). Imported topsoil (and 'as saved' if requested) is to be laboratory tested to BS 3882:2015 and ameliorated as required to meet the required characteristics as detailed within Table 1 of BS 3882:2015 specification. Wildflower areas to be unimproved topsoil or low fertility topsoil to BS 3882:2015. Hedges to be 450mm depth and forestry / transplants 300mm depth. Any weed / grass growth to be sprayed out with appropriate herbicide at least 10 days prior to cultivation. All areas to be cultivated to a minimum depth of 150mm removing weeds and rubbish / stones greater than 20mm in size. Incorporate proprietary non peat compost to BSI PAS 100 to 50mm depth evenly worked into soil during cultivation.

N.B Proposed services (electric, water, gas etc) in landscape areas should be installed as a minimum below the required topsoil depths and clearly identified in accordance with service / utility requirements.

2. BUILDING FOUNDATION DESIGN: All tree and shrub planting proposals are to be referred to by the structural engineer during building foundation design.

3. PLANT STOCK: Unless agreed otherwise all trees and shrubs are to be of UK provenance where plants have been propagated and/or grown on for a minimum of 5 years in the UK for trees and 2 years for shrubs. All plants are to comply with the requirements of all current British Standards including BS3936 'Specifications for Nursery Stock' and BS8545 'Trees from nursery to independence in the landscape' and be supplied in accordance with the Plant Schedule. Should planting be required outside of the planting season (November - March) any bare root or rootballed stock specified is to be replaced with containerised stock to an appropriate or similar specification to the approval of the landscape architect prior to ordering.

4. EXISTING TREES: Where trees are to be retained they should be subject to a full arboricultural inspection to assess condition and safety. Retained trees shall be protected from damage by erection of 2.3m weldmesh fencing on a scaffold framework in accordance BS 5837:2012 Figure 2. These barriers shall be maintained in position and in good condition until works are complete. Fencing to be located in accordance with Table D.1 at a radius of 12 times the stem diameter (single stem trees) or based on the combined stem diameter for multistem trees (trees with more than one stem arising below 1.5m above ground level) refer to Clause 4.6. Further precautions are to be taken as detailed within BS 5837:2012 6.2.4.

5. TREE SURGERY / REMOVAL: Tree surgery and tree removal to be carried out by an Arboricultural Association approved Tree surgeon in accordance with BS 3998:2010. Arisings to be removed to a licensed tip.

6. NATIVE HEDGE PLANTING: plants to be in accordance with BS 3936 and handled in accordance with the NPS 'Handling & Establishment' guidelines and planted in accordance with BS 4428:1989. Hedge plants to be pit planted in triple staggered rows 400mm apart at 450mm centres (or as scheduled) with the growing tip (top 100mm) of the hedge plant removed to encourage spreading growth. Bare root transplants to be root dipped with 'Broadleaf Root Dip' with 'Rootgrow' mycorrhizal fungi granules (RGPro as supplied by Empathy) and Sierrablen N Mag Pre-planter Fertiliser sprinkled evenly into prepared planting pit in accordance with manufacturers recommendations prior to planting. In mixed species hedges; shrub species to be planted randomly throughout the length of hedge. Well water plants immediately after planting and prior to spreading of mulch. Planted areas to be covered with 75mm depth bark mulch and kept weed free. Where necessary plants to be protected from rabbits with rabbit fence and / or individual rabbit mesh guards securely staked. Unless otherwise indicated on the drawing it is assumed that all hedges are to be maintained at a maximum height of 1.5m for the purposes of the NHBC guidelines. Bare root transplants to be notch planted in existing soils where existing trees prevent trench excavations; in order to protect existing trees in accordance with BS 5837:2012.

7. WILDFLOWER SEEDING: grass areas to be seeded in accordance with BS 4428:1989 during March, April or September. Unimproved or low fertility topsoil to be imported, cultivated and leveled to remove all minor hollows or ridges as required with any debris or stones greater than 20mm diameter removed to provide a fine weed free tilth. Do not apply fertiliser. Weeds to be eradicated by herbicide or repeated cultivation prior to sowing. Lightly rake areas after sowing and keep well watered. Areas to be kept free from unwanted plants and mown every 6 - 8 weeks during establishment year removing arisings. In subsequent years cut in early spring and autumn after setting seed (in accordance with manufacturers recommendations) removing arisings. A minimum 1.5 metre close mown margin is to be maintained abutting buildings and hard surfacing (i.e road, car park and footpath edges). Seed mixes to be supplied by Emorsgate Seeds and include the following sown in accordance with suppliers recommendations.

EG9 'Grass mix for hedges and woodland' to woodland planting areas (sown at 10-15g/m2)

8. MAINTENANCE: To be carried out in perpetuity, for the lifetime of the development at approximately monthly intervals (or as prescribed within a landscape management plan) including replacement of any tree, hedge, shrub or grassed area which die, has been damaged, vandalised or stolen within a period of five years from practical completion. Operations to include the following:

- Eradicate weeds by hand or appropriate chemical means.
- Cut out dead or / and damaged stock or branches, prune as required.
- Ensure all shrubs and trees are firmed in, securely staked and tied with guards where applicable.
- Collect litter, sweep and tidy site.
- Apply suitable non-residual herbicides, pesticides and water as required.
- Carry out mowing to wildflower areas as per Emorsgate Seeds Ltd aftercare First year & Established sward guidance (2-3 cuts a year).
- Carry out mowing of wildflower area margins 1.5 - 2.0m wide when attained 200mm (approximately monthly during the gowing season) where abutting buildings or hard surfacing (i.e road, car park or footpath edges).
- At final visit apply granular fertiliser to all planted areas and top up bark mulch depth to 75mm.

9. WATERING: all plant material (including turf) to be watered in dry periods until established during April through to September with a fine rose until the water penetrates the topsoil to at least 5cm depth and achieves field capacity. Frequency of watering regime to be determined by weather conditions, soil conditions and underlying geology, all plant beds to be watered to ensure soil is consistently moist to promote successful establishment. During hot, dry periods, plants are to be watered every six to ten days.

Plant Schedule

Hedging						
No.	Species Name	Specification	Girth	Diameter	Height	Pot Size
98 -	Cornus sanguinea (*)	1+2 :Branched :3 brks :B :PG 7		60-80cm		0.45Ctr Triple Staggered at 0.4m offset
131 -	Corylus avellana (*)	Branches: 1+2 :3 brks :BR :PG 7		60-80cm		0.45Ctr Triple Staggered at 0.4m offset
261 -	Crataegus monogyna (*)	1+1 :Transplant :B :PG 1		60-80cm		0.45Ctr Triple Staggered at 0.4m offset
66 -	Prunus spinosa (*)	1+1 :Branched :2 brks :B :PG 1		60-80cm		0.45Ctr Triple Staggered at 0.4m offset
98 -	Viburnum opulus (*)	1+2 :Branched :3 brks :B :PG 8		60-80cm		0.45Ctr Triple Staggered at 0.4m offset

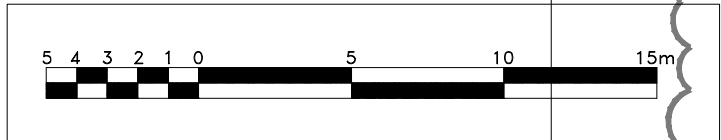
PLANNING NOTES (PRUNING):

1. PRUNING: to be carried out in accordance with BS 7370 Part 4, ensuring site operatives are fully trained. Recommendations are based on general pruning required to maintain plant health and vigor. Broad pruning principles are classified as follows within the plant schedule, refer to RHS Pruning Groups and species information for further details (<https://www.rhs.org.uk/advice/profile?pid=954>).

2. PRUNING CODES: the following codes have been applied to individual species within the plant schedule:

PG 1 Light Pruning	PG 8 Early Flowering Evergreen Shrubs
PG 2 Early-Flowering Shrubs	PG 9 Late Flowering Evergreen Shrubs
PG 3 Basal Shooting Shrubs	PG 10Evergreen Shrubs
PG 4 Summer Flowering Shrubs	PG 11Vigorous Climbers
PG 5 Winter / Early Spring Flowering Shrubs	PG 12Moderately Vigorous Climbers
PG 6 Summer / Autumn Flowering Shrubs	PG 13Wall Trained Shrubs
PG 7 Pruning for Stems and Foliage	

PG C1 Clematis Pruning Group	PG BC Bamboo Cultivation
PG C2 Clematis Pruning Group	PG HB Herbaceous (specific to species)
PG N Pruning Generally Not Required	PG GR Grasses (specific to species)
PG F Fruit Tree Pruning (specific to species)	(Roses) Specific Requirements for Roses



LEGEND: SOFT LANDSCAPING

- DECIDUOUS HEDGE: shrub hedge as detailed.
- WILDFLOWER MEADOW AREAS: to be seeded with wildflower seed mix EG9; refer to notes.
- EXISTING OVERGROWN HEDGE: dead plants and bramble to be removed & hedge gapped up with native species.
- EXISTING DEFUNCT HEDGE: deleterious material, hedgerow clippings, ornamental species and coniferous clippings to be removed.
- EXISTING TREES: to be retained in accordance with BS 5837 'Trees in relation to Construction' 2012. Canopy line indicative only.



EXISTING DEFUNCT HEDGE: deleterious material, hedgerow clippings, ornamental species and coniferous clippings to be removed. Native Species to be retained as feasible and proposed hedgerow species to be notch planted to gap up.

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Refer any query to office of origination.

rev date: amendments: alt:

cdm 2015; designers residual risk information

LEGEND: CDM RESIDUAL RISKS

- 1. PEDESTRIAN & VEHICULAR TRAFFIC: car park, road and pavement within or adjacent to working areas; risk of collision with operatives, risk of harm to pedestrians.
- 2. PUBLIC FOOTPATH: pedestrians within or adjacent to working areas. Risk of injury to the general public.

It is assumed that works will be carried out by competent landscape subcontractor working, where appropriate to a risk assessment and method statement approved by the Principal Contractor.



client: Design Studio Architects
project: White Hill, Whitwick Road Markfield

title: Replacement Hedgerow Detailed Landscape Proposals

status: PLANNING

date: Nov 2023	drawn: DP	number: 23-106-P-01
scale@A1: 1:250	checked: TGW	revision:

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