

PLANT SCHEDULE

TREES

Number	Species	Specification	Girth	Height
4	Acer campestre	Clear-stem; BR or RB	12-14cm	3.5-4.0m
2	Amelanchier lamarckii	Multi-stem; RB or C		2.0-2.5m
3	Betula utilis jacquemontii	Multi-stem; RB or C		2.0-2.5m
4	Carpinus betulus 'Fastigiata'	Clear-stem	12-14cm	3.5-4.0m
2	Corylus avellana	BR	10-12cm	2.5-3.0m
7	Malus sylvestris	BR	10-12cm	2.5-3.0m
2	Prunus avium	BR	10-12cm	2.5-3.0m
2	Prunus padus	RB	12-14cm	3.5-4.0m
2	Quercus robur	RB	14-16cm	5.0-5.5m

NATIVE FEATHERED TREES

Number	Species	Specification	Height
8	Corylus avellana	Feathered	1.5-2.0m
6	Malus sylvestris	Feathered	1.5-2.0m
5	Prunus avium	Feathered	1.5-2.0m

NATIVE WHIP MIX

Number	Species	Specification	Density	Height
208 (313)	Acer campestre	BR	3/m	60-80cm
74 (111)	Cornus sanguinea	BR	3/m	60-80cm
208 (313)	Corylus avellana	BR	3/m	60-80cm
480 (723)	Crataegus monogyna	BR	3/m	60-80cm
74 (111)	Euonymus europaeus	BR	3/m	60-80cm
208 (313)	Prunus spinosa	BR	3/m	60-80cm
74 (111)	Rosa canina	BR	3/m	60-80cm
74 (111)	Viburnum opulus	BR	3/m	60-80cm

Number in brackets denotes sum of whip mix and hedgerow mix. Plant in staggered rows at 3 whips/m². Plant in random groups of ~7-14 whips of the same species except Rosa and Viburnum which is to be planted in groups of ~1-3. Whips to be protected by spiral shrub guards.

Undersow whips with wildflower grass seed mix ('Emorsgate EHI' - see below for detail).

Total area of whip planting is 465m²

NATIVE HEDGEROW MIX

Number	Species	Specification	Density	Height
105	Acer campestre	BR	5/m	60-80cm
37	Cornus sanguinea	BR	5/m	60-80cm
105	Corylus avellana	BR	5/m	60-80cm
243	Crataegus monogyna	BR	5/m	60-80cm
37	Euonymus europaeus	BR	5/m	60-80cm
105	Prunus spinosa	BR	5/m	60-80cm
37	Rosa canina	BR	5/m	60-80cm
37	Viburnum opulus	BR	5/m	60-80cm

Plant in double staggered rows. Rows 600mm apart at 500mm centres. Plant in random groups of ~7-14 whips of the same species except Rosa and Viburnum which is to be planted in groups of ~1-3. Whips to be protected by spiral shrub guards.

Undersow whips with wildflower grass seed mix ('Emorsgate EHI' - see below for detail).

Total area of native hedgerow is 95m²

WILDFLOWER & GRASS SEED MIXES

Area	Mix	Density
560m ²	Emorsgate EHI Hedgerow Mix *	4g/m ²
2600m ²	Private: Amenity Grass / Lawn +	4g/m ²
1200m ²	ANRG: Managed Amenity Grass ><	4g/m ²
685m ²	ANRG: Managed Wildflower margins/verge #	4g/m ²

* Sow mix under whip and hedgerow planting

+ Turfed or seeded with 'Emorsgate EL1 Flowering Lawn Mix' (4g/m²)

>< Retain existing ground. Make good where relevant with 'Emorsgate EL1 Flowering Lawn Mix'

Retain existing ground. Make good where relevant with 'Emorsgate EMI Basic General Purpose'

This specification, along with any accompanying drawings and documents by New Enclosure are to be read in conjunction with all output from other project team consultants (e.g. ecology, arboriculture, architecture, etc). Further, relevant statutory and non-statutory guidance should be adhered to. Any discrepancies are to be reported to New Enclosure (and where relevant the client and/or lead project consultants) in writing in order to agree resolution before proceeding further.

LANDSCAPE SPECIFICATION

LANDSCAPE WORKS IMPLEMENTATION

Landscape Standards

All landscape works shall be implemented in accordance with British Standard 4428:1989 'Code of Practice for General Landscape Operations' as well as other relevant British Standards.

All plants including trees within the approved schedule shall be compatible with British Standard 3936:1992 (Part 1) 'Specifications for Trees & Shrubs' and British Standard 4043:1989 and 'BS 8545:2014 Trees: From Nursery to Independence in the Landscape'. This is to ensure all plants are healthy, well-formed, and free of pests and diseases.

Landscape Preparation

In addition to the above guidance, the following is also to be followed where relevant:

Within RPAs

- All works within RPAs must comply with the relevant British Standards and the advice provided by the project arboriculturalist and/or the planning authority
- Within tree root protection areas (RPAs) *only* the top 100mm of existing soil shall be prepared to prevent damage to the tree. This is to be done by hand *only*.
- Any new plants within RPAs shall be planted *only* by hand and should avoid damage to the tree

Outside RPAs

- New planting areas *not* within RPAs that require preparation shall have subsoil 'broken up' and have any debris removed such as rubble, litter, weeds etc. Care should be taken to not damage any existing soft or hard landscape. Following this topsoil shall be applied to the following specification:
 - All topsoil (and other imported soil) must comply with BS3882:2015 Multipurpose Topsoil. It is necessary to undertake a soil analysis to demonstrate compliance. Prior to any topsoil application the compliance certificate must be received by New Enclosure and any measures to remediate soil condition must be implemented
 - Subject to a soil test, existing topsoil shall be reused from site where possible
 - Amenity grass (seeded and/or turfed): 150mm minimum
 - Shrub, whip and hedgerow planting: 350mm minimum
 - Topsoil is to be kept free of weeds by hand removal or use of non-residual herbicides
- In planting areas (new or existing) the depth of topsoil shall be assessed to ensure accordance with the above specification

Additional Preparation Notes

- Where appropriate, PAS 100 peat free organic matter shall be incorporated into the soil in planting areas at a ratio of 1 cubic metre per 20 cubic metres and thoroughly rotovated in prior to planting

Planting

Hedges, Shrubs and Perennials

- All excavation of planting to be done by hand unless otherwise agreed in writing.
- Container, rootball or bareroot hedge and shrub pits to be at least 150mm wide (at least 75mm for perennials) than the container, rootball or bareroot stock.
- Once positioned, plants are to be backfilled with topsoil and then 'firmed' in place ensuring that the finished soil level reflects the neighbouring level.

HERBACEOUS, FERNS & GRASSES

Number	Species	Pot Size	Density
27	Calamagrostis acutiflora 'Karl Foerster'	3L	3/m
21	Carex morrowii	3L	3/m
21	Euphorbia amygdaloides robbiae	3L	3/m
28	Luzula nivea	3L	3/m
47	Pachysandra terminalis	3L	3/m
21	Polystichum setiferum	3L	3/m
27	Rudbeckia 'Goldsturm'	3L	3/m
27	Salvia nemorosa 'Caradonna'	3L	3/m

Plant in odd numbers (3s, 5s, 7s, etc.) in staggered rows.

Total area of 'Herbaceous, Fern & Grasses' and 'Climbers' planting is 70m²

CLIMBERS

Number	Species	Pot Size	Height
6	Hydrangea petiolaris	5-7.5L	60-90cm

Secure to wall with tensioned stainless steel trellis wire. Trellis wire to be 500mm spacings up to 1.5m high.

Trees

- Tree pits to be excavated to a minimum size of 600mm larger than the container, rootball or bareroot stock
- The base of the tree pit shall be slightly domed and only 'broken' up in the event of inadequate drainage
- Backfill treepit with subsoil up to ~400mm depth from ground surface and with topsoil above ~400mm depth from ground surface
- Watering 'dishes' to be created around the base of each tree, to hold water directly over rootball during watering
- 2m diameter mulched dish for Selected standard/3.0m in height and above. 1.5m diameter mulched dish for Standard trees/3.0m in height or smaller
- EHS trees to be fitted with an irrigation pipe
- Rootballed/container grown trees to be double staked, with a low cross bar, fitted with rubber tree ties. Bare root trees shall be single staked, fixed with rubber tree ties
- Trees outside planting areas to be mulched with minimum 50mm settled depth, medium grade ornamental bark mulch

General

- All planting areas to be mulched with 50mm minimum (settled depth) medium grade ornamental bark mulch
- Whips to be protected from damage with 600mm high x 160mm diameter shelter guards
- Amenity grass areas shall be seeded/laid onto a cultivated, weed free, level bed with a fine tilth

Timing and monitoring of planting works

All planting is to be undertaken within the first planting season (1st November to 31st March inclusive) following practical completion. Planting may be undertaken outside the planting season using containerised plant stock. If relevant, grass seeding is to be undertaken in Spring.

LANDSCAPE MAINTENANCE AND MANAGEMENT

Purpose

The landscape is to be maintained and managed in accordance with the schedule that has been approved by the planning authority. The schedule has been designed to ensure the landscape scheme successfully matures.

Landscape maintenance schedules

Where relevant, refer to the supporting landscape maintenance and management information that accompanies this guidance.

The primary maintenance and management operations include:

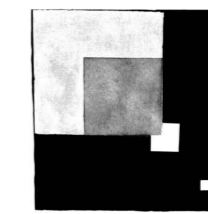
- Pruning and trimming of trees and plants according to species requirements as necessary
- Mowing 'amenity' grass areas every two weeks during the growing season as necessary
- Mow wildflower in summer every 2 months in the first year. Then mow once a year in autumn after seeds have dropped. Additional mowing may be undertaken in early spring and throughout summer depending on species. Remove all waste.
- Fertilising of trees and plants annually in spring using a suitable slow release fertiliser as necessary
- Fertilising amenity grass areas with a suitable organic fertiliser annually in spring.
- Wildflower areas are not to be fertilised
- Planted and mulched areas are to be hand weeded or treated with a non-residual herbicide as necessary
- Watering of trees, plants, and newly seeded grass and wildflower areas as necessary
- Replacing plants that fail with the approved species
- Checking and adjusting tree stakes and ties at every maintenance visit
- Removing of stakes and ties once trees are securely established
- Removal of litter

SHRUBS (HEDGES & IN PLANTING AREAS)

Number	Species	Pot Size	Density
114	Berberis darwinii	3L	3/m
8	Euonymus japonicus	5-7.5L	Counted
115	Lonicera nitida 'May Green'	3L	3/m
2	Pittosporum tenuifolium	5-7.5L	Counted
4	Pittosporum tenuifolium 'Tom Thumb'	5-7.5L	Counted
6	Pittosporum tobira 'Nanum'	5-7.5L	Counted
12	Skimmia japonica 'Rubella'	5-7.5L	3/m
8	Viburnum davidii	5-7.5L	3/m

Plant in staggered rows except for 'Counted' species which are to be planted as denoted on plan.

Total area of Shrub hedge planting is 160m²



NEW ENCLOSURE LANDSCAPE-LED-DESIGN

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GENERAL NOTES:
This drawing is to be read in conjunction with all other relevant disciplines drawings, schedules, specifications and supporting information. The contractor is to verify all dimensions and conditions on site. This drawing should not be scaled. Only figured dimensions are to be followed. Any discrepancies are to be reported to New Enclosure and resolution sought prior to proceeding. This drawing is subject to copyright www.newenclosure.com

REV	PLANNING DESC	2022-06-09 DATE	RC BY	RC CHK
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PROJECT

Land north of The Hollies, Hill Street, Calmore

CLIENT

Osman Homes Ltd

DRAWING TITLE

Soft Landscape Schedule & Specification

DRAWING NO.	REV	STATUS	SCALE
345_PN_04	-	PLANNING	NA