

PLANTING SCHEDULE						
Shrubs						
Nr	Code	Name	Height /Spread (cm)	Container	Habit	Density
6	BrS	Brachyglottis 'Sunshine'	40-60	5L	Bushy	2 per m2
16	CeB	Ceanothus 'Burkwoodi'	30-40	5L	Bushy	3 per m2
18	CCG	Chaenomeles 'Crimson & Gold'	40-60	5L	Bushy	2 per m2
43	Cl	Choisya ternata	40-60	10L	Bushy	3 per m2
43	CIS	Choisya ternata 'Sundance'	30-40	5L	Bushy	3 per m2
8	CaE	Cornus alba 'Elegantissima'	60-80	5L	Branched	2 per m2
11	CMF	Cornus sanguinea 'Midwinter Fire'	30-60	3L	Branched	3 per m2
17	CsF	Cornus sericea 'Flaviramea'	60-80	5L	Branched	2 per m2
1	CoF	Cotinus 'Flame'	60-80	10L	Branched	Refer to Plan
6	EIEG	Euonymus 'Emerald Gaiety'	30-40	5L	Bushy	4 per m2
45	EuEG	Euonymus 'Emerald n Gold'	30-40	5L	Bushy	4 per m2
25	Grl	Griselinia littoralis	40-60	2L	Bushy	2 per m2
41	HMW	Hebe 'Mrs Winder'	30-40	5L	Bushy	3 per m2
25	HeRa	Hebe rakaiensis	30-40	5L	Bushy	3 per m2
23	HRE	Hebe 'Red Edge'	30-40	5L	Bushy	3 per m2
9	LaM	Lavandula 'Munstead'	30-40	5L	Bushy	4 per m2
4	LaH	Lavandula 'Hidcote'	30-40	5L	Bushy	4 per m2
18	MaA	Mahonia 'Apollio'	30-40	5L	Bushy	3 per m2
23	PRR	Photinia x fraseri 'Red Robin'	40-60	5L	Bushy	2 per m2
11	PTT	Pittosperum 'Tom Thumb'	30-40	5L	Bushy	3 per m2
12	PoE	Potentilla 'Elizabeth'	30-40	5L	Bushy	3 per m2
5	Sant	Santolina chamaecyparissus	30-40	5L	Bushy	3 per m2
11	SKG	Skimmia 'Kew Green'	30-40	5L	Bushy	3 per m2
12	SJR	Skimmia 'Rubella'	30-40	5L	Bushy	3 per m2
23	SpGM	Spiraea 'Goldmound'	30-40	5L	Bushy	3 per m2
36	Va	Viburnum davidii	30-40	5L	Bushy	3 per m2
29	VIEP	Viburnum tinus 'Eve Price'	30-40	5L	Bushy	3 per m2
Herbaceous						
Nr	Code	Name	Height (cm)	Container	Habit	Density
39	BeC	Bergenia cordifolia		5L		5 per m2
11	CID	Carex 'Ice Dance'		5L		5 per m2
12	GWp	Geranium x oxonianum 'Wargrave Pink'		5L		5 per m2
8	HPP	Heuchera villosa 'Palace Purple'		5L		5 per m2
25	MiZ	Micanthus 'Zebrinus'		10L		4per m2
11	MML	Miscanthus 'Morning Light'		10L		4 per m2
11	PLB	Pennisetum alopecuroides 'Little Bunny'		5L		5 per m2
25	PoA	Polystichum aculeatum		5L		5 per m2
47	PoP	Polystichum polyblepharum		5L		5 per m2
21	Rud	Rudbeckia 'Goldsturm'		5L		5 per m2
3	SaC	Salvia 'Caradonna'		5L		5 per m2
11	SsS	Salvia 'Schneehügel'		5L		5 per m2
28	SAJ	Sedum 'Autumn Joy'		5L		5 per m2
15	SeM	Sedum 'Matrona'		5L		5 per m2
8	SBE	Stachys 'Big Ears'		5L		5 per m2
15	Sti	Stipa tenuissima		5L		6 per m2
Hedge						
Nr	Code	Name	Height (cm)	Container	Habit	Density
236	FsH	Fagus sylvatica	90-120	5L	Branched	4 per lin m
295	Prl	Prunus lusitanica	90-120	10L	Branched	2 per lin m
Trees						
Nr	Code	Name	Height (cm)	Girth	Root / Container	Form
4	Ag	Alnus glutinosa	300-350	10-12cm	RB	Selected Std
9	Bp	Betula pendula	300-350	10-12cm	RB	Selected Std
12	PAC	Prunus 'Accolade'	300-350	10-12cm	RB	Selected Std
7	PiP	Prunus padus	300-350	10-12cm	RB	Selected Std
2	PcC	Pyrus calleryana 'Chanticleer'	300-350	10-12cm	RB	Selected Std
Q	Quercus robur		300-350	10-12cm	RB	Selected Std
6	Sa	Sorbus aucuparia	300-350	10-12cm	RB	Selected Std
Native Hedge Mix - Planted in double staggered rows 7 per lin m						
Nr	Code	Name	Height (cm)	Root	Age	Mix %
309	Cm	Crataegus monogyna	40-60	BR	T+0	40
231	Ca	Corylus avellana	40-60	BR	T+1	30
76	Ps	Prunus spinosa	40-60	BR	T+1	10
76	Rc	Rosa canina	60-90	BR	T+1	10
76	Vo	Viburnum opulus	60-90	BR	T+1	10
Native Understorey Mix - Planted 2 per m2						
Nr	Code	Name	Height (cm)	Root	Age	Mix %
114	Agu	Alnus glutinosa	80-100	BR	T1+1	20
114	Cra	Crataegus monogyna	40-60	BR	T+0	20
114	CoA	Corylus avellana	80-100	BR	T1+1	20
114	Iq	Ilex aquifolium	80-100	BR	T1+1	20
114	Vo	Viburnum opulus	80-100	BR	T1+1	20
Tussock Mix -347m2 Emorsgate Seeds Tussock Meadow Mix EM10 Seed Mix sown @ 4g/m2						

PLANTING NOTES

- Plant handling at the nursery, & transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for the Plant Supply & Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association 19 High Street, Theale, Berks RG7 5H) which refers to the receipt, unloading & temporary storage of plants.
- Plants shall be first class examples of their species or variety, free from all pests & diseases, with good fibrous root systems & materially undamaged (refer to relevant section of BS53936 Parts 1-4 Specification of Nursery Stock)
- All planting is to be in general compliance with BS4428:1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.
- All plants and fauna shall be planted in the recommended season.
- Where necessary levelling shall be carried out by hand to eliminate ponding hollows. Finished topsoil level shall be 25mm above adjoining paved areas and 150mm below damp proof courses level to the adjacent building.
- Areas of large roots to be grubbed up without undue disturbance of surrounding soil & adjacent areas. Rubbish, concrete, metal, glass, hard surfacing, hardcore, decayed vegetation, weed growth & any contaminated topsoil are to be removed & disposed off-site prior to planting.
- Shrub beds to have a min. depth of 450mm good quality imported topsoil (BS3882), do not use topsoil contaminated with subsoil, rubbish or other materials. Do not compact soil, preserve a friable texture of separate visible crumbs where ever possible. Topsoil to be treated with an application of herbicide prior to planting, where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated/ superceded legislation), & following manufacturer's instructions by qualified staff & then should be cultivated to 150mm depth prior to planting. Where existing beds are to be cleared & recultivated, incorporate new spent compost 20% & topsoil 80% into all tree, shrub & hedge areas. All shrub beds/ grasses areas shall have a suitable slow release fertilizer applied at the manufacturers specified rates.
- Shrub Compost. Specimen plants to be planted in a pit 400 x 400 x250mm depth with 5 litres Tree & Shrub Compost.
- All areas of ornamental planting are to be mulched to a depth of 50mm with an amenity grade bark mulch unless plants are located in gravel.
- Formal Hedges:Trench to be dug min 500mm wide x 400mm deep (base broken out to facilitate drainage) and a peat free compost or slow release fertiliser incorporated into the back fill material.
- All turf & grass seed mixes are to be supplied by an approved supplier. All turves are to be laid horizontally to adjacent hard surfaces in a staggered pattern to encourage establishment. All grassed areas are to be watered as necessary to ensure their establishment & continued thriving. New grassed areas to have a min. depth of 150mm good quality imported topsoil (BS3882) & to be treated as Item 5, many new soils into existing where necessary. Carry out all work when soil & weather are suitable:
 - Do not sow or turf during periods of frost or strong winds
 - Sow only in Spring & Autumn
 - Ensure that adequate watering & weed control is available.
- All wildflower seed mixes are to be supplied by an approved supplier and sown to recommended quantities. Seed mixes are not to receive imported topsoils. Existing vegetation should be killed or removed by treating with an application of herbicide prior to planting, where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated/ superceded legislation), & following manufacturer's instructions by qualified staff. Dig over or rotovate the soil to at least 100mm deep and rake over to create a reasonably fine tilth. Remove large stones, roots or clods of earth. Ensure soil is not waterlogged or compacted prior to sowing. The soil does not need to be fertilized before or after laying seeding. Seeds are to be sown by machine or hand, once applied to soils do not cover seeds, firm in with roller or treading. Water as necessary Carry out all work when soil & weather are suitable:
 - Do not sow during periods of frost or strong winds
 - Sow only in Spring & Autumn
 - Ensure that adequate watering & weed control is available.
- Native shrub/tree planting. Whole area to be treated with a non-residual glyphosate based herbicide prior to planting. All BR stock to be notch planted into the ground & healed into place. All BR, whips & BR stock (woodland mix & hedge) to be protected with a spiral bound biodegradable guard secured in place with a cane. All trees to have mulch mat around base.
- Trees are to be planted securely either underground guyed in accordance with an approved guying system or staked & secured as follows:
 - Heavy Standard are to be secured using 2no. treated softwood stakes with cross bar, driven firmly into the ground. Stakes to be 1000mm above ground & fixed to tree with suitable rubber tree tie & spacer
 - Standard are to be secured using a single stake driven firmly into ground (0.6m above ground level) & secured with a rubber tie & spacer
 - Multi-stem trees are to be secured using a single angled stake driven firmly into ground & secured with a rubber tie & spacer.
- For all ornamental trees one 80litre bag of tree planting compost (non-peat based) is to be incorporated in the tree pits. For all ornamental trees the tree pit should be large enough to comfortably accommodate the rootball. Backfilling with excavated soils to replicate the existing horizons. All trees are to be planted in line with BS8545:2014 Trees from nursery to independence in the landscape - Recommendations: Para 10.2.7 Topsoil should not be used below depth of the original topsoil .
- Trees planted in grass are to have a 1m dia turf cut around the base of the tree & circle filled with 75mm depth bark mulch.
- All planting of trees and shrubs shall be carried out between October and March. Consideration to be taken into account & planned for within the construction programme. Where the works programme does not provide for tree and shrub planting to be carried out in the appropriate season either of the following operations shall be implemented:
 - (a) Planting shall be completed during the first planting season following Practical Completion. The cost of carrying out such landscape works after Practical Completion shall be at the expense of the Contractor. Ensure adequate watering & weed control is available.
 - (b) Carry out all work when soil & weather conditions are suitable.Do not plant during periods of frost or strong winds. Plant only in the following periods: - Container grown plants. At anytime if ground water & weather conditions are favourable- Rootballed & bare root trees & shrubs:November-March. Ensure adequate watering & weed control is available.
- Water all plants & trees on the same day of planting, plant only into moist soil & water thoroughly to the full depth of soil immediately after planting. Water regularly through the establishment period (minimum 3 months) to prevent dehydration. (min. once a week in periods of drought) to ensure the establishment of the plants during the 12month defects period.
- The contractor must ascertain for himself/herself the exact position of underground services & maintenance points prior to carrying out any digging on site.

PLANTING AFTERCARE - 5 year establishment period

Generally

- Maintain all grass areas, shrub beds and hedgerow planting free of litter and excessive weed growth (ie. growth that would be detrimental to the intended planting). Do not allow rubbish, grass cuttings, or other deleterious materials to be deposited on any of the planted areas during the establishment period.
- Water all trees, shrubs & hedges in periods of drought (no significant rainfall for 5-7days) during the growing season of the 12months defect liability period. (Growing season is typically late Spring to early Autumn). Water once a week so the soil is fully saturated to encourage deep roots to establish & continue this until significant rainfall.
- Any plants which are stolen from the site prior to Practical Completion shall be replaced by the Contractor.
- Any plants which die or show signs of poor health should be replaced towards the end of the 12month defects liability period by the contractor (Exclusions: Theft or malicious damage after completion). The Employer shall determine whether a plant has failed. The cause of death or poor health should be investigated & the issue re-mediated prior to any new planting. If necessary plant species can be substituted (with prior agreement with the Landscape Architect) if particular plants are not suitable for the situation due to un-foreseen circumstances.
- At the end of the first 12 month maintenance period ensure soil is thoroughly moistened prior to re-mulching, applying water where necessary, re-mulch all planting beds to a depth of 50mm.
- After the 12month defects liability period the plants within private ownership (front & back gardens) will be the responsibility of the individual home owner, maintenance of all public areas will be passed onto the management company which will need to replace any trees or shrubs that die within a 5 year period in line with the original proposals.

Grass

Maintenance of grassed areas shall include mowing, watering as necessary to saturate soil below, trimming edges to pavings & planted areas at every cut, removing all debris & stones over 30mm in size, prior to mowing, weeding by cultivating, forking hoeing & raking & re-seeding any portions considered necessary & removing from site all debris & stones created by the operations. Pavements to be swept clean of any grass cuttings. Strimming round base of all trees will be carried out with a strimmer fitted with a protective guard to prevent bark damage. Grass to be cut fortnightly throughout growing season to height between 25-30mm & remove clipping to tip (April to October) Any areas of grass where bulbs are planted must not be mown until leaves turn yellow or show signs of die-back. Spike and scarify periodically to promote free drainage and remove moss and thatch. In drought conditions the following modifications to specified mowing operations shall be implemented: Cutting heights shall be raised to 45mm, mowing shall only continue so long as grass growth continues to reach maximum advisable height.

Shrub Beds

APPLY TO ALL YEARS
Maintain weed free
Replace dead/dying plants
Water in periods of drought 10 litres per shrub per week.
Remove deadwood.
At the end of year 5, thin shrub beds to allow adjacent plants to achieve their species potential.

Herbaceous Beds

Maintain weed free
Replace dead/dying plants
Water in periods of drought a minimum of 2 times a week.
Every 2-4 years (species dependant) divide plants.

Hedging

The aim is to establish a stable and healthy hedgerow within 3 years from planting with a well shaped framework.
Maintenance operations:
Maintained base of plants weed free, spot treat as necessary.
Replace dead and missing plants or those which fail to establish properly.
Water throughout the summer months after any period without significant rainfall.
Ensure plants are secure and upright in the ground. Firm up where necessary.
After the second growing season, formative prune the hedgerow on an annual basis to remove any dead, diseased or damaged shoots and create a balanced form for future growth.

Climbers

Maintain weed free
Replace dead/dying plants
Water in periods of drought a minimum of 2 times a week.
Prune annually (timing species dependant)

Native Hedge & Understorey mix

Maintenance operations:
Years 1-3
Water throughout the summer months after any period without significant rainfall.
Treat Shrub/Edge Mix area with residual herbicide applied to bare ground at the end of the second years growth.
Ensure plants are secure and upright in the ground. Firm up where necessary.
Spot treat any weeds to maintain weed free.
Prune out any dead wood.
Replace dead/missing plants
Re-firm plants where necessary.

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Trees

Inspect trees and ensure that they are establishing in an upright & safe manner, gently firm loosened soil around trees, straighten leaning trees accordingly.
Stakes and ties; check annually that the stakes are secure and adjust ties to allow for growth as necessary. Remove stakes at the end of the third growing season.
Trees should be watered once a month regardless of weather conditions during the defects liability period in the growing season (through the irrigation pipe) to ensure that the trees are encouraged to produce deep roots.Water trees in periods of drought at the following rates:
150 litres per tree - 14-16cm girth trees & above
75 litres per tree - 10-12cm girth trees & below
Prune deadwood, crossing branches etc. Replace dead/dying trees.
Routine pruning should include the following operations:
The removal of dead, diseased, damaged or dying branches only where they pose a risk to the users of the site.
The removal of branches or epicormic growth around the trunk of the tree where it is restricting access, growing over footpaths or obstructing lighting to be cut back.
Inspection and reporting any incidence of pests and diseases which could cause trees or limbs to fail.
Any routine tree works should be carried out between end August to the end February to avoid the bird nesting season. If this is unavoidable a bird nest and/ or bat survey must be undertaken prior to works being carried out.

Existing Trees

The existing trees around the development should be inspected annually by a suitably qualified arboricultural consultant to ensure that they are in good health and are not hazardous to the users of the site.
Any tree works should be carried out by suitably qualified arboriculturists to the best arboricultural standards, considering all safety implications (especially working near roads, on embankment and or near a water course) and working in accordance with BS 3998 (2010).
Carry out a health and safety inspection on all the trees on and around the site on an annual basis and after any severe high winds to ensure that the trees are maintained in a safe condition and will not pose a risk to the users of the site. Any works required to reduce these risk should be carried out at the earliest opportunity.
Routine pruning should include the following operations:
The removal of dead, diseased, damaged or dying branches only where they pose a risk to the users of the site. Trees within woodland areas away from houses or areas not intended to be used by the general public should be left as dead and decaying wood are all part of a health natural woodland ecosystem.
The removal of branches or epicormic growth around the trunk of the tree where it is restricting access, growing over footpaths or obstructing lighting to be cut back.
Inspection and reporting any incidence of pests and diseases which could cause trees or limbs to fail.
Any works to existing trees must maintain the natural shape of the tree, after any tree works the trees should not appear to be topped or lopped
If trees are to be felled this operation should be done in a safe manner complying with all current regulations including BS 3998. Where gaps have been created plant a replacement tree of native origin as agreed with the local authority.
Any routine tree works should be carried out between end August to the end February to avoid the bird nesting season. If this is unavoidable a bird nest and/ or bat survey must be undertaken prior to works being carried out.

EM3 Wildflower Mix

First Year Management

Cutt the annual weeds mid to late summer. Then cut, remove and compost in early August Mow when appropriate through to the end of March of the following year. Dig out any residual perennial weeds such as docks.

Management Once Established

In the second and subsequent years EM3 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 or grazing.

Meadow grassland is not cut or grazed 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 trimmer or tractor mower to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site.

Mow or graze the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

NOTES:

- Drawing scaled & issued for planning purposes only.
- All setting out, levels & dimensions to be checked on site by the Contractor (s) prior to the relevant orders being placed & installation of materials, any discrepancies are to be brought to the attention of the client & contract administrator.
- This drawing is to be read in conjunction with all others relating to the project & all information derived accordingly; any anomalies to be reported to the client & contract administrator.
- Work shown on this drawing to be carried out in accordance with current British Standards & Codes of Practice.
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J	Amended to latest site plan	KAS	Nov 24
H	Amended to latest site plan	KAS	Nov 24
G	Amended to latest site plan	KAS	Nov 24
F	Plan updated to world co-ordinates	KAS	July24
E	Amended to latest site plan	KAS	Jun 24
D	Amended to latest site plan	KAS	Jun 24
C	Amended to latest site plan	KAS	Feb 24
B	Amended to latest site plan	KAS	Aug23
A	Amended to latest site plan	KAS	Aug23
Rev	Description	Initial	Date

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CLIENT		
Great Places Housing Group		
PROJECT TITLE		
Kemp Heaton Ave, Bury		
DRAWING TITLE		
Detailed Planting Proposals 2 of 2		
STATUS		
PLANNING		
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-	A1	KAS
CHECKED		DATE
-		Nov 24
PROJECT NO.		
387		
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06		
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