



- ### 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 BS3938 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)'.
 - 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where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated/ superseded legislation), & following manufacturer's instructions by qualified staff & then should be cultivated to 150mm depth prior to planting.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 75mm 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 mixed areas 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.
 - 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 .
 - 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 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 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-forsen 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 75mm.
 - After the 12month defects liability period the plants maintenance 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 & stores 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)

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 a 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 (2005).
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.

PLANTING SCHEDULE						
Shrubs						
Nr	Code	Name	Height (cm)	Container	Habit	Density
3	AgK	Abelia x grandiflora 'Kaleidoscope'	60-80	10L	Bushy	Refer to plan
2	AOD	Acer palmatum 'Orange Dream'	70-100	10L	Bushy	Refer to plan
6	AjC	Aucuba jap 'Crotonifolia'	80-100	35L	Bushy	Refer to plan
18	BeA	Berberis thunbergii 'Atropurpurea'	40-60	3L	Bushy	2 per m2
47	BrS	Brachyglottis 'Sunshine'	40-60	5L	Branched	2 per m2
4	BPD	Buddleja 'Pink Delight'	60-80	10L	Branched	Refer to plan
6	CJM	Carnellia sasanqua 'Jean May'	80-100	25L	Bushy	Refer to plan
45	CAB	Ceanothus 'Autumnal Blue'	40-60	3L	Bushy	2 per m2
1	CIS	Choisy a ternata 'Sundance'	50-80	25L	Bushy	Refer to plan
30	CsF	Cornus 'Flaviaramea'	40-60	3L	Branched	2 per m2
43	CMF	Cornus 'Midwinter Fire'	40-60	3L	Branched	2 per m2
54	CaS	Cornus 'Sibirica'	40-60	3L	Branched	2 per m2
2	CoG	Cotinus 'Grace'	150-175	25L	Bushy	Refer to plan
22	EGB	Escallonia 'Gold Brain'	40-60	5L	Bushy	2 per m2
32	EIEG	Euonymus 'Emerald Galety'	30-40	5L	Bushy	4 per m2
32	EuEG	Euonymus 'Emerald n Gold'	30-40	5L	Bushy	4 per m2
3	Fj	Fatsia japonica	80-100	25L		Refer to plan
71	HeCa	Hebe 'Caedonia'	30-40	5L	Bushy	3 per m2
16	HEG	Hebe 'Emerald Green'	30-40	5L	Bushy	4 per m2
9	HeM	Hebe 'Marjorie'	30-40	5L	Bushy	3 per m2
43	HeRa	Hebe rakensis	30-40	5L	Bushy	3 per m2
25	HRE	Hebe 'Red Edge'	30-40	5L	Bushy	3 per m2
7	HyBB	Hydrangea 'Bluebird'	60-80	25L	Bushy	Refer to plan
22	HH	Hypericum 'Hidcote'	40-60	5L	Bushy	2 per m2
106	LaV	Lavandula 'Vera'	20-30	5-7.5L	Bushy	4 per m2
12	MLF	Mahonia x media 'Lionel Fortescue'	60-80	25L	Branched	Refer to plan
46	Oh	Oleandra haastii	30-40	5L	Bushy	3 per m2
4	PBE	Philadelphus 'Belle Etoile'	80-100	10L	Bushy	Refer to plan
3	PRR	Photinia 'Red Robin'	175-200	70L	Bushy	Refer to plan
31	PoA	Potentilla 'Abbotswood'	30-40	5L	Bushy	3 per m2
24	PoE	Potentilla 'Elizabeth'	30-40	5L	Bushy	3 per m2
16	SjN	Skimmia jap 'Nymans'	40-50	7.5L	Bushy	2 per m2
51	SjR	Skimmia jap 'Rubella'	30-40	5L	Bushy	3 per m2
30	SKG	Skimmia 'Kew Green'	30-40	5L	Bushy	3 per m2
57	SpGM	Spirea 'Goldmound'	30-40	5L	Bushy	3 per m2
35	Vd	Viburnum davidii	40-50	7.5L	Bushy	2 per m2
12	VoC	Viburnum opulus 'Compactum'	60-80	5L	Bushy	2 per m2
11	ViEP	Viburnum tinus 'Eve Price'	80-100	10L	Bushy	Refer to plan

Herbaceous						
Nr	Code	Name	Height (cm)	Container	Habit	Density
12	AsF	Astilbe 'Fanal'		5L		4 per m2
14	BeP	Bergenia cordifolia		5L		5 per m2
30	CaEv	Carex 'Evergold'		5L		5 per m2
10	CEM	Crocsmia 'Emily McKenzie'		5L		4 per m2
12	GpA	Geranium 'Album'		5L		4 per m2
3	Hes	Helictotrichon sempervirens		5L		Refer to plan
34	HoF	Hosta 'Francee'		5L		4 per m2
38	Rud	Rudbeckia 'Goldsturm'		5L		4 per m2
87	SAJ	Sedum 'Autumn Joy'		5L		4 per m2
30	Sti	Stipa tenuissima		5L		6 per m2

Climbers						
Nr	Code	Name	Height (cm)	Container	Habit	Density
14	HyP	Hydrangea pertilolaris	100-120	10L	Sev leaders	

Hedge						
Nr	Code	Name	Height (cm)	Container	Habit	Density
1050	Bs	Buxus sempervirens	40-50	5L	Clipped	4 per lin m

Trees						
Nr	Code	Name	Height (cm)	Girth (cm)	Root	Form
3	Ac	Acer campestre	425-600	14-16	RB	Extra Heavy Std
6	CbF	Carpinus betulus 'Fastigiata'	425-600	14-16	RB	Extra Heavy Std
3	CbH	Carpinus betulus topiary	300		RB	Clipped box head 1.5 clear stem, 1.2m cube
6	SoA	Sorbus aria	425-600	14-16	RB	Extra Heavy Std
8	Sau	Sorbus aucuparia	350-400		RB	Multi stem

GS - Moblane GreenScreen metal support posts 1.0m high pre-planted with Euonymus 'Darts Blanket' 29.5 lin m

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All dimensions for construction shall be verified by the Contractor (s) on site prior to work commencing and relevant orders being placed.
Any discrepancies to be brought to the attention of the Contract Administrator for instruction prior to proceeding.

Rev	Description	Initial	Date
C	Amended to latest site plan	KAS	Mar 22
B	Amended to latest site plan	KAS	Mar 22
A	Dwg notes amended to LPA comments	KAS	Aug 21

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CLIENT			
Housing 21 & Constructing Growth Ltd			
PROJECT TITLE			
Compton Mill, Leek			
DRAWING TITLE			
Detailed Planting Proposals			
STATUS			
PLANNING			
SCALE	SHEET SIZE	DRAWN	CHECKED
1:200	A1	KAS	-
PROJECT NO.		DRAWING NO.	
319		02	
DATE		REV.	
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