Landscape Proposals . Main Street, Sutton Benger



PLANT SCHEDULE

SPECIES		Girth	Height	Root	Pot Size	Habit	Breaks	Nos.
TREES								
T1	Acer campestre	14-16cm	4.0-4.5m	br	EHStd			9
T2	Betula pendula	14-16cm	4.0-4.5m	br	EHStd			1
T3	Prunus 'Sunset Boulevard'	14-16cm	4.0-4.5m	br	EHStd			2
T4	Quercus robur							6
T5	Sorbus 'Cardinal Royal'	14-16cm	4.0-4.5m	br	EHStd			7
T6	Tilia cordata 'Greenspire'	14-16cm	4.0-4.5m	br	EHStd			7
T7	Ulmus 'New Horizon'	14-16cm	4.0-4.5m	br	EHStd			3
FRUIT TREES -ALL ON SEMI DWARF STOCK, MAX HEIGHT 3M								
F1	Malus 'Cox's Orange Pippin'		1.2-1.5cm	br				6
F2	Malus 'James Greive'		1.2-1.5cm	br				5
F3	Prunus 'Damson Merryweather'		1.2-1.5cm	br				3
F4	Prunus 'Victoria'		1.2-1.5cm	br				2
F5	Pyrus 'Concord'		1.2-1.5cm	br				3
THREE LITRE SHRUBS								
Bs	Buxus sempervirens			CG	3LT			21
Ct	Choisya ternata			CG	3LT			13
EDR	Escallonia 'Donard Radiance'			CG	3LT			70
DoA	Daphne odora 'Aureomarginata'			CG	3LT			30
FMP	Fuschia 'Mrs Popple'			CG	3LT			3
HE	Hebe 'Emma'			CG	3LT			10
Hr	Hebe rakaiensis			CG	3LT			38
HLL	Hydrangea 'Little Lime'			CG	3LT			21
Hxm	Hypericum x moserianum			CG	3LT			33
LH	Lavandula 'Hidcote'			CG	3LT			6
LM	Lonicera 'Maygreen'			CG	3LT			42
POL	Prunus 'Otto Luyken'			CG	3LT			35
SWG	Sarcococca 'Winter Gem'			CG	3LT			3
SKG	Skimmia 'Kew Green'			CG	3LT			8
SLP	Spiraea 'Little Princess'			CG	3LT			12
Vd	Viburnum davidii			CG	3LT			43
HERBACEOUS PLANTS								
Bc	Bergenia cordifolia			CG	3LT			52
BJF	Brunerra 'Jack Frost'			CG	3LT			
GBV	Geranium 'Bevans Variety'			CG	3LT			37
HEDGES								
Cb	Carpinus betulus		90-120cm	br				454
Pl	Prunus lusitanica			CG	5LT			150

G	1. Updated to JGA Architects drawing 22072 0102 P15	cjn	14.08.25
F	1. Tree/Drainage conflicts resolved	cjn	27.11.24
E	1. Updated to JGA Architects drawing 22072 0102 P05	cjn	24.05.24
D	1. Additional retaining wall added	cjn	28.11.23
C	1. Visitor spaces added 2. Fruit trees added rear gardens	cjn	21.11.23
B	1. Updated to JGA Architects drawing 22072 0102 P06 2. Retaining walls and gravel boards added	cjn	21.11.23
A	1. Updated to JGA Architects drawing 22072 0102 P05	cjn	17.11.23
Revisions		Dwn.	Date

Wildflower Grass Seeding General
Ensure the ground that is not highly fertile by use of stale seed bed method, allowing existing seed bank to germinate and grow before being sprayed off with glyphosate based weedkiller Good preparation is essential to success so aim to control weeds and produce a good quality seed bed before sowing.Seed is best sown in the autumn when there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good soil/seed contact.
Cultivate soil to depth of 25mm including all consolidation, rolling, harrowing or raking to acheive a firm, fine tilth suitable for seeding.The seed bed be shall be free from uneveness, hollows, depressions and soft areas so that an evenly graded grass surface can be acheieved.
The seed bed should be evenly graded to finish 25mm above adjoining paving, kerbs etc after settlement. Ensure free flowing contours and marrying in to adjacent grass areas.
Remove all weeds, and remove stones, grass sods and other debris exceeding 20mm in any dimension and all roots exceeding 15mm diameter or 200mm length.
Allow for annual cut in late summer only and remove all arisings.

Topsoil and Subsoil
Do not use subsoil contaminated with with bricks, concrete, hardcore, rubbish or other materials that are corrosive, explosive or flammable, hazardous to human or animal life and are detrimental to plant life. Subsoil shall be excavated and or placed to required profiles and levels. When ground conditions are reasonably dry, subsoils shall be loosened to a depth pf 300mm and all stones larger than 50mm shall be removed. Where existing topsoil on site is deficient and requires topping up, all imported topsoil shall be in accordance with BS3882:2015 and with NHBC requirements.
Do not use topsoil contaminated with with subsoil, rubbish or other materials that are corrosive, explosive or flammable, hazardous to human or animal life and are detrimental to plant life. Topsoil shall be stored in heaps no higher than 1m and wider than 2m and shall be protected from contamination and compaction. Following spreading, topsoil areas shall be cultivated to suitable depth and tilth when weather is suitably dry and the surface shall be left regular and even, levels shall be 25mm above adjacent kerbs and 50mm above lawns, Any visible weeds, roots and large stones shall be removed. Do not compact topsoil, and ensure a friable texture of separate visible crumbs.
Recommended depth after settlement:
Grass Areas: 100mm / Shrub Areas: 300 to 450mm

Tree and Shrub Planting General
Prior to planting topsoil shall be moist, friable and not waterlogged. Carry out planting during suitable weather conditions, do not plant during frozen or windy conditions.
Where beds are overgrown with weeds apply herbicide in accordance with manufacturers recommendation. Allow fallow period before cultivation. Container grown plants can be planted at any time of year if ground and weather conditions are favourable. Bare root trees and shrubs can be planted from late October to March. All plants shall be as specified, undamaged, sturdy, healthy and vigorous. They shall be free from pests, diseases, discoloration and physiological disorders. Name, form, dimensions, provenance and other criteria shall be as defined in The National Plant Specification. All plant handling shall be in accordance with HTA 'Handling and Establishing Landscape Plants'. All plants shall be stored in a secure environment and protected from site operations and over exposure to adverse weather conditions. Where topsoil is compacted it shall be broken up to a depth of no less than 350mm into particles of 2-8mm, with the surface left regular and even. Levels shall be 25mm above kerbs and hardstandings and 50mm above adjacent grass areas. Remove all visible weeds, roots and large stones exceeding 30mm. Do not cultivate soil within rootspread of existing trees and shrubs. All plants shall be planted upright or well balanced with best side to front. MycorForce Transplanter shall be spread around the roots of each plant during planting at a rate specified by the supplier.

Notes
All soft landscape works to be carried out in accordance with the following guidelines;
BS4428:1989 Code of Practice for General Landscape Operations.
BS8545:2014 Trees from Nursery to Independence in the Landscape. Recommendations.
All new planting stock shall comply with the following guidelines;
BS4043:1989 Transplanting root-balled trees
BS3936:1992 Nursery Stock Part 1. Specification for Trees and Shrubs.
Follow good modern horticultural practice in any proposed soft landscaping.
Planting compost shall be entirely free of peat. Proprietary products based on composted straw, manure or coir are acceptable, but products based on wood chips or bark shall not be used.

Works Cleanliness
Remove any soil and arisings from adjacent hard surfaces and leave works in a clean, tidy fashion at completion.
Watering
Water all plants immediately after planting, thoroughly and without damaging or displacing plants or soil.
Bark Mulch
All planting areas to receive 75mm depth of Melcourt Ornamental grade bark mulch unless otherwise directed.
Hedges to receive 1m wide, 75mm depth of bark mulch to base.
Individual trees in grass to have 75mm depth, 600mm diameter bark much to base.

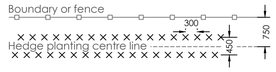
Retaining Walls

Filter Drain

Proposed Native Hedgerow

To be planted at 5 plants per linear metre in double staggered row. All with spiral rabbit guards and secured with bamboo cane. Plant at 750mm from fence boundary. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting, the ground shall be cultivated to a depth of 300mm. Whips shall be pit planted, with backfill mixed with 70grams of Enmag slow release fertiliser. All stock delivered to site shall be of proven British provenance, a certificate shall be provided to the Landscape Architect to prove provenenance of plants prior to delivery to site.
Dip all roots into MycorForce Whip Dip prior to planting.

Typical Hedge Planting Plan (NTS)



Mix	Native Hedge	NH1	NH2	NH3		Size	Ttls
10%	Acer campestre	43	12	22		1+1 80-100 br	77
15%	Corylus avellana	65	15	33		1+1 80-100 br	113
50%	Crataegus monogyna	215	55	110		1+1 80-100 br	380
10%	Ilex aquifolium	43	12	22		60-90 3L	77
5%	Malus sylvestris	22	5	11		1+1 80-100 br	38
5%	Prunus spinosa	22	5	11		1+1 80-100 br	38
2.5%	Rosa canina	11	3	6		1+1 40-60 br	20
2.5%	Viburnum opulus	11	3	6		1+1 80-100 br	20

Proposed Areas of Shrub Planting
Shrub areas to have minimum 450mm depth of good quality imported cultivated topsoil, free from bricks, large stones and other rubbish.

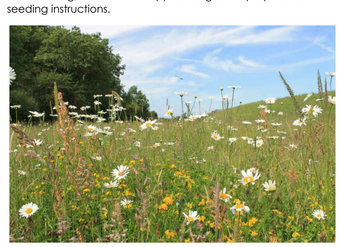
Hornbeam Hedge
Ensure all plants are bushy to provide joined up length of hedge. Trim all hedges at planting to ensure neat appearance and promote new growth. Plant at 5 per linear metre.
To have 75mm depth Melcourt Ornamental grade bark mulch or similar approved to base of hedge to width of 500mm.
Maintain in neat formal appearance at 900mm high.



Amenity Grass Turf
Lay turf with minimum delay after lifting, within 18 hours during spring and summer and 24hours autumn and winter. If required stack in piles not higher than 1m.
Lay turf with minimum delay after lifting, within 18 hours during spring and summer and 24hours autumn and winter.
Do not lay turf during persistent cold weather or drying winds or if soil is frost bound, waterlogged or excessively dry.
Prepare topsoil to BS3882:2015, topsoil shall be dry and workable, reduce to a true, even surface, friable and lightly firmed but not over compacted fine tilth to a depth of 25mm. Remove surface stones and clods exceeding 15mm. Where required extend cultivation into existing adjacent grass areas sufficient to allow marrying in of levels.
Ensure contours are free and flowing with falls for adequate drainage. Lay turf with broken joints, well butted up. Do not stretch turf. Edges shall be laid to whole turfs and trimmed to true line. Remove high spots and fill hollows with fine soil. Lightly and evenly firm as laying proceeds to ensure full contact with substrate. Do not use rollers. Dress with horticultural sand and completely fill all joints. Lay planks over previously laid turf, do not walk on prepared beds of newly laid turf.

Grass seeding to attenuation basin base
Area to base of attenuation area to be seeded with Naturescape N8 Waters Edge Meadow Mixture at a sowing rate 5g/m2. Refer to supplier for ground preparation and seeding instructions.

Wildflower Grass seeding
To be seeded with Naturescape N5 Long Season Meadow Mixture at 5g/m2. Refer to supplier for ground preparation and seeding instructions.



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KEY & NOTATION

Plot Boundary

Existing Retained Trees

Proposed Tree Planting
The excavated hole shall be of sufficient size to accommodate the root-ball or container, allowing approximately 500mm clearance.
Before planting the sides of the pit shall be broken up and the base dug over to a depth of 150mm to improve drainage. The tree will be planted to the same depth as it was in the nursery. Backfill will be firmed in around the rootball to prevent any air pockets.
The pit shall be backfilled with a ⅔ mix of good quality topsoil and an non peat based compost. 140gms of Enmag granular slow-release fertiliser shall be incorporated to the fill mixture.
Root Barriers
Where an installed rootball is within 3m of an exisitng underground service route install protective root barrier with sides vertical and finished 75mm below finished ground level. To be Greenleaf ReRoot 2000 or similar approved.
Trees in soft ground
Trees shall be double staked and fixed to horizontal crossbar using rubber strapping, with rubber block positioned between the tree and cross bar.
Stakes shall be 60mm diameter treated softwood, driven firmly into ground either side, and not through the rootball, with tree central between the stakes. The above ground height of the stake should be a minimum of a third of the stem high. All trees to receive perforated watering pipes surrounding root ball.
Tree Aftercare
Any necessary formative pruning will be carried out and where appropriate woodchip/bark mulch applied to a depth of 75mm, and to at least the edge of the planting pit.
A properly planned maintenance programme should be kept up until successful establishment of the trees. This may include watering when necessary, checking of the support systems, weed control and further mulching.

Tree Pit and Staking Detail (NTS)



Scale: 1:200 @ A1
0 1m 10m

Residential Development Main Street, Sutton Benger

Drawing
Detailed Landscape Proposals & Biodiversity Enhancements 1 of 3
Status
For Planning, Tender and Construction
Client
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Curo Finance Limited
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