

**SOFT LANDSCAPE SPECIFICATION**

NOTE: All soft landscape works to be carried out in accordance with BS4428:1989.

**SUBSOIL**  
Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths:  
- For light and non cohesive subsoils: 300mm  
- For silt clay and cohesive subsoils: 450mm  
Immediately before spreading topsoil, remove stones larger than 50mm.

**TOPSOIL**  
To be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882:2015. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, not more than slightly stony and free of pernicious weeds. Subsoil to be well broken up prior to topsoiling to relieve compaction. Topsoil depths should be:  
Areas for Ornamental Shrub Planting: minimum 450mm  
Areas for Native Buffer / Hedge Planting: minimum 300mm  
Areas for Grass lawns: minimum 150mm

**CULTIVATION**  
Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertilizer to be supplied and spread @ 50g/m<sup>2</sup> to all areas.

**CLIMATIC CONDITIONS**  
Topsoiling should be carried out in the driest conditions possible - cultivation to be carried out when the soil is moist. Hedges and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.

**SOIL AMELIORANT**  
Peat-free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.

**TREES**  
All trees within shrub beds to be planted in separate pits in accordance with tree planting details. Tree pit to be 1000mm depth including minimum 150mm thick drainage layer of well washed gravel with a geotextile layer separating growing medium from drainage layer. Pit bottom to be broken up to minimum depth of 250mm and sides to be scarified.  
Trees to be backfilled with topsoil - free planting compost 1:6 by volume. All plant material to comply with BS 3938 Part 1:1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide: 1996. All trees to be planted to the original root collar and the following methods should be implemented to secure them: trees in soft - double staked using 25mm dia. pressure treated timber stakes and cross bar, secured with tree tie and spacer at a height not exceeding 1/3 of the tree height.

If the trees are planted outside of the planting season then containerised stock to be used in lieu of root balled but the same tree heights are still required - allowance to be made for this at tender stage if required once construction timetable is known and CA informed immediately.

**PROPOSED SHRUB PLANTING**  
All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule.  
Planting holes to be 150mm wider than the root spread, have the base ground thoroughly broken up before planting and backfilled with peat free compost.  
All shrubs to be equally spaced throughout the planting areas to the specified density in a staggered arrangement unless otherwise noted in the plant schedule.  
Contractor to ensure numbers on schedule match those shown on drawing before placing any orders for plants.  
Contractor to check on site dimensions of all landscape areas to ensure specified quantities will achieve the specified densities for each species.

**NATIVE WHIP PLANTING**  
Areas to be cleared and cultivated as described above. Retainable areas to receive whip planting to a minimum depth of 300mm to form an open textured free draining growing medium. Remove all stones and other debris larger than 50mm in any one direction and remove all litter and vegetation matter prior to planting.  
Each transplant to be fitted with tubex/rabbit guard / shrub shelter appropriate to the species prior to planting.

**WILDFLOWER PLANTING**  
Wildflower mix to be planted directly into cultivated subsoil 150mm depth in accordance with manufacturer's recommendations at rate of 50g/m<sup>2</sup> (see spec for species mix).  
Preparation: Cultivate subsoil, apply a suitable herbicide and allow the correct time to elapse, as directed by the manufacturer, and seed the bed. No fertiliser, compost or mulch are to be applied to the wildflower bed.  
Maintenance for the meadow areas (2 maintenance cuts per year):  
Cutting first season: time of first cut is March/April. If sown in Spring cut in August - October after flowering. Height of first cut - 70mm. If sown in Autumn it should also be cut in September/October after flowering.  
Cutting second season: March/April - cut to 70mm then September/October - cut to 70mm after flowering.  
To be cut twice a year from then on as per above.  
Weeding in the first two years all weeds should be hand pulled to remove undesirable plant species such as docks, thistles, nettles etc.  
NOTE: All time of each cut of all cuttings to be removed from the bed to maintain reduced soil productivity.

**GRASSED AREAS**  
Seeded / turfed areas should be sown / laid in accordance with BS 3949:1998. Recommendations for turf for general purposes and BS 4428:1989 General Landscape Operations.  
Height of initial growth: 100mm  
Height of first cut: 50mm  
Height of growth: The height of growth must not exceed 100mm at any time.  
Frequency: Cut as often as necessary to a height of 25mm, using a rotary mower and remove all cuttings.  
Timing: When grass reaches scheduled height of maximum growth and is reasonably dry.  
Application: At the time of each cut, trim all grass edges round the base of trees, manholes etc and remove cuttings. Sweep all adjoining hard areas clear of cuttings and remove.  
Weeding: Keep the grassed areas substantially free of broad leaved weeds by applying a suitable selective herbicide.  
Fertiliser: March application: 15:10:10 Spring turf fertilizer at 35g/m<sup>2</sup>.  
September application: 3:10:10 Autumn turf fertilizer at 35g/m<sup>2</sup>.

**SUBSTITUTIONS:**  
Upon submission of evidence that certain materials, including plant materials, are not available at the time of the landscape contract, the Landscape Contractor may be permitted to substitute other materials and plants in exceptional circumstances during the contract with an agreed adjustment of prices.  
All substitutions shall be of nearest equivalent species and variety to the original specified but shall be subject to approval by the Landscape Architect before any change is made.

**TIMES OF YEAR FOR PLANTING:**  
Landscape works to be carried out during the final possible planting periods prior to practical completion of the building and associated engineering works / car park areas in accordance with the following:  
- Native and ornamental trees: During dormant winter period - Late October to late March (only if planted in the planting season otherwise containerised stock to be used).  
- Bare root native transplants: During dormant winter period - Late October to April.  
- Container grown ornamental and specimen shrubs: At any time if ground and weather conditions are favourable.

**Soft Landscape Key**

- Existing trees to be retained & protected in accordance with BS5837:2012
- Existing trees to be removed
- Proposed trees
- Proposed specimen shrubs
- Proposed ornamental shrub planting -15 / 10 litre stock
- Proposed ornamental shrub planting -7 litre stock
- Proposed ornamental shrub planting -5 litre stock
- Proposed native buffer mix
- Proposed native formal hedge
- Proposed native mixed species hedgerow
- Proposed high quality amenity lawn turf
- Proposed wildflower meadow mix
- Proposed amenity grass seed mix
- Root Barrier

**IMESCALE FOR IMPLEMENTATION**  
All landscape works will be carried out prior to the occupation of the dwelling immediately adjacent.

**POSITIONS OF TREES ARE SUBJECT TO CONFIRMATION BY CLIENT OF SERVICES & FOUNDATION DEPTHS - TO BE IN ACCORDANCE WITH NBSIC GUIDELINES**

**TO BE READ IN CONJUNCTION WITH DRAWING NO 4135 2100**

E 16/07/25 Drawn: DW Check: DW  
Root barriers added adjacent to all trees in close proximity to ground level. 150mm dia. to be used from adjacent Plot 20 to the opposite side of the POS. Maintenance period extended to 5 years in spec. Timescale for implementation note added to layout.

D 16/12/24 Drawn: DW Check: DW  
150mm trees and grass seed added to rear of Plot 22-24.

C 23/10/24 Drawn: DW Check: DW  
Landscape amended in line with latest site plan.

B 27/05/24 Drawn: DW Check: DW  
Landscape amended in line with latest site plan.

A 13/06/24 Drawn: DW Check: DW  
Landscape amended in line with latest site plan.

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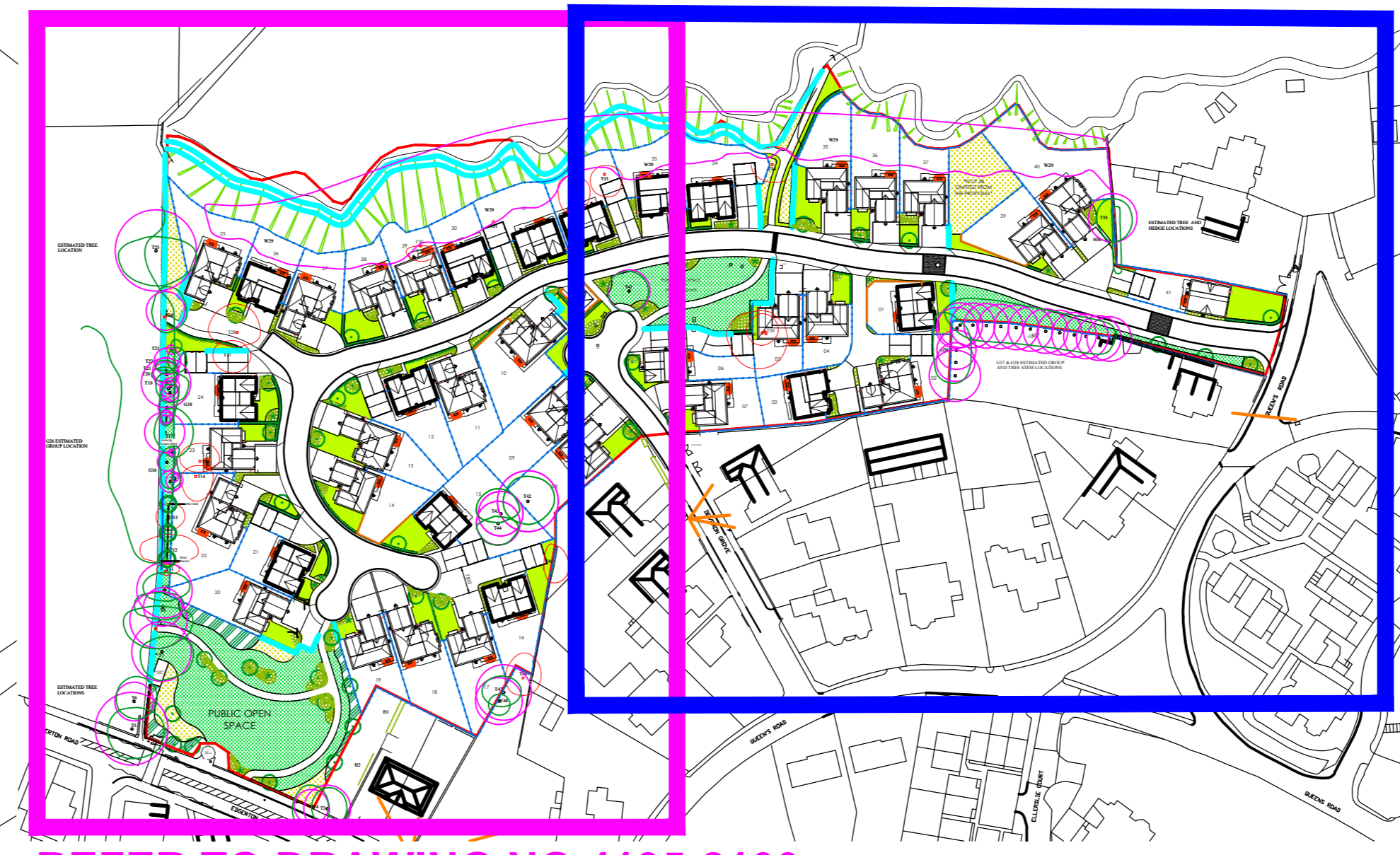
Project: Proposed Residential Development  
Claydon Field  
Huddersfield

Drawing: Soft Landscape Plan  
Layout 2 of 2

Scale: 1:250@A0 Date: 15/05/24  
Rev: 13/05/24  
13/05/24 13/05/24  
13/05/24 13/05/24

Name	Abb.	Form	Age	Girth	Height (cm)	Clear stem	Root	Breaks	Total No
<b>Ornamental Trees</b>									
Betula utilis 'Jacquemontii'	BuJ	Standard (Extra Heavy)	3x	16-18	min 450	min 200	RB	/	4
Prunus avium 'Plena'	PaP	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	10
Prunus coccinea 'Chanticleer'	PcC	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	7
Tilia cordata 'Rancha'	TcR	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	3
<b>Native Trees</b>									
Acer campestre 'Streetwise'	AcS	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	4
Betula pendula	Bp	Standard (Extra Heavy)	3x	16-18	min 450	min 200	RB	/	2
Carpinus betulus	Cb	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	5
Sorbus aucuparia 'Treehouse'	SaS	Standard (Extra Heavy)	3x	18-20	min 450	min 200	RB	/	7
<b>Specimen Shrubs</b>									
Amygdalus nivalis	Al	250-300	RB	/	Multi stems, 3x	3	6	/	10
Cornus sanguinea	Cs	100-120	C	15L	Single Stem	/	24	/	24
Cornus sanguinea 'Midwinter Fire'	CsMF	80-100	C	15L	Branches	5	39	/	39
Cortaderia selkiana 'Pumila'	CsP	min 450	/	C	15L	V	/	34	34
Cyrtus x praecox 'Aligol'	CaA	30-40	C	7L	Bushy	5	37	/	37
Deschampsia cespitosa	Dc	/	/	C	7L	V	/	37	37
Dryopteris filix-mas	Dfm	/	/	C	7L	S	/	29	29
Eucalyptus 'Donard Seeding'	EDS	40-40	C	7L	Bushy	/	55	/	55
Eunymus fortunei 'Emerald & Gold'	EFG	30-40	C	7L	Bushy	8	71	/	71
Festuca japonica	Fj	40-80	C	10L	Leader	/	58	/	58
Hebe 'Mrs Winder'	HmW	40-80	C	10L	Bushy	9	49	/	49
Hebe x exoniensis	He	30-40	C	7L	Bushy	7	77	/	77
Hydrangea macrophylla 'Lanarth White'	HmLW	40-80	C	15L	Branches	7	32	/	32
Hypericum hidcote	Hh	30-40	C	7L	Bushy	7	63	/	63
Levandula angustifolia	La	30-40	C	5L	Bushy	6	91	/	91
Lilium muscari	Lm	/	/	C	5L	V	/	93	93
Lonicera nitida 'Boggesons Gold'	LNBG	40-40	C	7L	Bushy	5	54	/	54
Lonicera nitida 'Malgren'	LmM	40-40	C	7L	Bushy	10	52	/	52
Mahonia aquifolium	Ma	40-60	C	7L	Branches	5	36	/	36
Mahonia x media 'Charity'	MmC	60-80	C	15L	Bushy	3	26	/	26
Miscanthus sinensis 'Zebrinus'	Mz	/	/	C	7L	V	/	34	34
Phormium 'Pink Panther'	PfP	/	/	C	10L	Triple Crown	/	33	33
Phormium tenax 'Purpleum'	PfP	/	/	C	10L	Triple Crown	/	36	36
Phormium 'Yellow Wave'	PfW	/	/	C	10L	Triple Crown	/	49	49
Prothia x Fraseri 'Red Robin'	PfR	60-80	C	15L	Branches	7	43	/	43
Plant hardyensis 'Forest Flame'	PfF	40-80	C	15L	Bushy	9	32	/	32
Pittosporum tenuifolium 'Tom Thumb'	PfT	40-40	C	7L	Bushy	7	53	/	53
Prunus laurocerasus 'Ota Lukeyn'	PfL	40-40	C	7L	Bushy	5	78	/	78
Prunus laurocerasus	Pf	60-80	C	15L	Bushy	5	30	/	30
Prunus lusitanica	PfL	40-40	C	7L	Bushy	9	34	/	34
Rosa 'Fu Dagmar Hartup'	RfD	40-40	C	7L	Bushy	9	32	/	32
Rosa 'Mrs Winder'	RmW	40-40	C	7L	Bushy	9	32	/	32
Spiraea japonica 'Rubellae'	SfR	40-40	C	7L	Bushy	7	34	/	34
Spiraea japonica 'Goldflame'	SfG	40-40	C	7L	Bushy	7	34	/	34
Stipa gigantea	St	/	/	C	15L	S or V	/	35	35
Stipa tenuissima	St	/	/	C	7L	S or V	/	29	29
Stipa tenuissima 'Eve Price'	StEP	40-40	C	15L	Bushy	9	32	/	32
Viburnum x davidii	Vd	40-40	C	7L	Bushy	5	71	/	71
Wigelia 'Mort Blanc'	WMB	60-80	C	7L	Branches	7	35	/	35

Name	Abb.	Height	Root	Container	Habit	Breaks	Total No	
<b>Ornamental Shrubs</b>								
Baccharis distachya 'atropurpurea Nana'	BdAN	30-40	C	7L	Branches	6	34	
Buddleia davidii	Bd	80-100	C	15L	Branches	7	37	
Ceanothus thyrsiflorus 'Revens'	CtR	60-80D	C	7L	Bushy	6	38	
Choiysya ternata 'Sundance'	CtS	40-60	C	7L	Bushy	5	35	
Choiysya devilliana 'Attec Pearl'	CdAP	60-80	C	15L	Bushy	7	31	
Cardinalis autumnalis	Ca	100-120	C	15L	Single Stem	/	24	
Cornus sanguinea 'Midwinter Fire'	CsMF	80-100	C	15L	Branches	5	39	
Cortaderia selkiana 'Pumila'	CsP	min 450	/	C	15L	V	/	34
Cyrtus x praecox 'Aligol'	CaA	30-40	C	7L	Bushy	5	37	
Deschampsia cespitosa	Dc	/	/	C	7L	V	/	37
Dryopteris filix-mas	Dfm	/	/	C	7L	S	/	29
Eucalyptus 'Donard Seeding'	EDS	40-40	C	7L	Bushy	/	55	
Eunymus fortunei 'Emerald & Gold'	EFG	30-40	C	7L	Bushy	8	71	
Festuca japonica	Fj	40-80	C	10L	Leader	/	58	
Hebe 'Mrs Winder'	HmW	40-80	C	10L	Bushy	9	49	
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Hypericum hidcote	Hh	30-40	C	7L	Bushy	7	63	
Levandula angustifolia	La	30-40	C	5L	Bushy	6	91	
Lilium muscari	Lm	/	/	C	5L	V	/	93
Lonicera nitida 'Boggesons Gold'	LNBG	40-40	C	7L	Bushy	5	54	
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Mahonia x media 'Charity'	MmC	60-80	C	15L	Bushy	3	26	
Miscanthus sinensis 'Zebrinus'	Mz	/	/	C	7L	V	/	34
Phormium 'Pink Panther'	PfP	/	/	C	10L	Triple Crown	/	33
Phormium tenax 'Purpleum'	PfP	/	/	C	10L	Triple Crown	/	36
Phormium 'Yellow Wave'	PfW	/	/	C	10L	Triple Crown	/	49
Prothia x Fraseri 'Red Robin'	PfR	60-80	C	15L	Branches	7	43	
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Wigelia 'Mort Blanc'	WMB	60-80	C	7L	Branches	7	35	



REFER TO DRAWING NO 4135-2100 FOR DETAILED LAYOUT

\* Any plants found not to be in accordance with the specification above after post completion site inspection will be replaceable at contractors expense in accordance with substitutions paragraph of specification on drawing.  
\*\* Contractor to ensure numbers on plant schedules match numbers on drawing before placing order for plants.

Watering trees  
Trees to be watered in accordance with BS 8545:2014 Tree - From Nursery to Independence.  
Trees should be watered via the installed irrigation / garrison pipes around the base of the trees stem in accordance with the manufacturer's instructions to ensure the water reaches the roots of the tree.  
Below is a suggested watering regime but this is only a guide only and may require modification in times of drought or flood, dependent on the ground conditions at the time, which should be monitored as above:  
March - October: 20 litres to be poured into irrigation pipe two times per week (40 litres in total)