

Ornamental Tree Planting							
Species	Abb.	Form	Girth (cm)	Height(cm)	Clear stem (cm)	Root	Quantity
Carpinus betulus 'Frans Fontaine'	CbFF	Standard extra heavy	16-18	min 450	min 200	RB	3
Pyrus calleryana 'Chanticleer'	PcC	Standard extra heavy	16-18	min 450	min 200	RB	3
Prunus avium 'Plena'	PaP	Standard extra heavy	16-18	min 450	min 200	RB	6
Quercus robur 'Fastigiata Koster'	QrFK	Standard selected	10-12	300-350	175-200	RB	4
Tilia cordata 'Rancho'	TcR	Standard selected	10-12	300-350	175-200	RB	3
Native Tree Plantina							
Species	Abb.	Form	Girth (cm)	Height(cm)	Clear stem (cm)	Root	Quantity
Acer campestre	Ac	Standard selected	10-12	300-350	175-200	RB	4
Alnus glutinosa	Ag	Standard heavy	12-14	350-425	175-200	RB	2
Betula pendula	Bp	Feathered	1	175-200	1	В	7
Betula nigra	Bn	Standard selected	10-12	300-350	175-200	RB	1
Carpinus betulus	Cbe	Standard heavy	12-14	350-425	175-200	RB	3
Crataegus laevigata 'Pauls Scarlett'	CIPS	Standard selected	10-12	300-350	175-200	RB	2
Prunus avium	Pa	Feathered	1	175-200	1	В	5
Pinus sylvestris	Ps	/	5x	/	250-300	/	1
Quercus robur	Qr	Standard selected	10-12	300-350	175-200	RB	5
Sorbus aucuparia	Sa	Standard selected	10-12	300-350	175-200	RB	3

Name	Abb		Height (cm)			
Cortaderia selloana	Cos		/			
Euonymus fortunei 'Emerald & Gold	EfEG		30-40D			
lebe rakaiensis	Hr		30-40			
Hebe 'Red Edge'	HRE		30-40			
onicera nitida 'Maigreen'	LnM		30-40			
Pachysandra terminalis	Pt		/			
Phormium 'Yellow Wave'	PYW a		/			
Pittosporum tenuifolium 'Tom Thun	PtTT		30-40			
Prunus laurocerasus 'Otto Luyken'	PIOL		30-40			
Specimen Shrubs						
lame		Abb		Height(cm)		
Amelanchier lamarckii		Al		250-300		
Phormium tenax 'Purpureum'		PtP		/		

	NOTE: All soft landscape works to be carried out in accordance with BS4428:1989.
and application of an ted or replaced as	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 stiff clay and cohesive subsoils: 450mm
e healthy growth and	Immediately before spreading topsoil, remove stones larger than 50mm. TOPSOIL Existing site won topsoil to be reused for soft landscape areas if sufficient quantities are available and the
to be replaced at the	topsoil meets the criteria for multipurpose topsoil as defined in table 1 of BS3882:2015 specification for Topsoil. If imported topsoil is required it is to be supplied and spread by the main contractor to the approval of the
ement will be the ape maintenance	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 top-soiling to relieve compaction. Topsoil depths should be: Areas for Ornamental Shrub Planting: minimum 400mm Areas for cultivated turf: minimum 150mm
to ensure the ent period. The rass, hedges, trees and be site to ensure the	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 fertiliser to be supplied and spread @ 50g/m2 to all planted areas.
of for dryness using Omm to observe the Iry then watering e mains water or an damaging plants. Any ne.	CLIMATIC CONDITIONS Topsoiling should be carried out in the driest conditions possible – cultivation to be carried out when the soil is moist, friable 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.
ndence.	SOIL AMELIORANT Peat-free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.
o of the frees stem in bots of the tree. Below quire modification in hould be monitored as	All trees within shrub beds to be planted in separate pits in accordance with tree planting detail. All plant material to comply with BS 3936 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 secured in place with underground guying system in accordance with tree planting detail. All trees to be fitted with aeration and irrigation system in accordance with tree planting detail.
	If the trees are to beplanted outside of the planting season (late October - Late March) then containerised stock to be used in lieu of root ball to the same specification- allowance to be made for this at tender stage if required once construction timetable is known and CA informed immediately. PROPOSED ORNAMENTAL SHRUB PLANTING
	All shrubs to be positioned as shown on the drawing and to the density and specification noted 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.
nt. nent	All shrubs to be equally spaced throughout the planting areas to the specified density in a staggered arrangement unless otherwise noted in the planting schedule.
tion	Areas to be cleared and cultivated as described above. Rotavate 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
tion	NATIVE HEDGE PLANTING Areas to receive whip planting be cleared of all vegetation and cultivated as described above. Rotavate
tion	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 an appropriate rabbit guard for the size and species and 500 x 500mm biodegradable GT Ecomat by Green-tech or similar approved. To be pruned / maintained as a hedge at a
tion	maximum height of 1.4 metres / 1.8 metres as specified in plant schedules. WILDFLOWER SEEDING Wildflower mixes to be sown directly into cultivated low fertility subsoil in accordance with manufacturers
tion	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. Cutting first season: Time of first cut - if sown in Autumn cut in March/April, if sown in Spring cut in August -
tion	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 50-70mm then September/October - cut to 50mm after flowering.
ge) ication	 *NOTE - At time of each cut all arisings to be removed from the bed to maintain reduced soil productivity. WFG20 FLOWERING LAWN Flowering lawn mix to be sown directly into cultivated low fertility topsoil/subsoil in accordance with manufacturers recommendations at rate of 10g/m2 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.
ich Lawn	 Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. Carefully dig out or spot treat any residual perennial weeds such as docks.
for Wetlands ertility topsoil stablish.	 Management once established: Mow regularly as a lawn but not too short (25-40mm).To permit flowering, mowing can be relaxed from late June. Cut again when the sward gets untidy (after 4-8 weeks). Heavy quantities of cuttings should be collected and removed from site.
adow Mix fertility topsoil establish.	*NOTE - At time of each cut all arisings to be removed from the bed to maintain reduced soil productivity.
p adjacent dance with	Seeded areas should be sown in accordance with BS 3969:1998: 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 and when necessary to a height of 25mm, using a rotary mower and remove all arisings. 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 arisings. Sweep all adjoining hard areas clear of cuttings and remove. Weeding: Keep the sward substantially free of broad leaved weeds by applying a suitable selective herbicide.
	Fertilizer: March application: 15:10:10 Spring turf fertilizer at 35g/m2. September application: 5:10:10 Autumn turf fertilizer at 50g/m2.
	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: Soft landscape works to be carried out during the first possible planting periods following completion of the building and associated engineering works to car park and access roads in accordance with the times of year for planting notes below: 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
	MULCH 75mm depth of 8-35mm ornamental bark mulch (peat-free) to be supplied and spread to all planting areas. Finished mulch level to be installed and maintained at 25mm below any adjacent kerbs or paying surfaces.
	MAINTENANCE All planting areas to be maintained to a high standard by the contractor for <u>12 months</u> after practical
	completion, to ensure the landscape scheme is successful, and discourage decline of the area. Minimum frequency of maintenance visits: December / January / February & March - 1no. visit each month April to November - 2No. visits each month.
	 Generally, during the first 12months: All planting beds to be re-firmed and kept weed free through hand weeding and application of an approved herbicide where appropriate. All litter to be picked and removed from landscape areas.
	 Mulch to be topped up as required to maintain the specified thickness. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned at appropriate times of year for each species to promote healthy growth and
	 desirable ornamental features. Grass lawn area and wildflower meadow areas to be cut and maintained in accordance with specification note above. All arisinas to be removed from site
	 Any defects or plant losses occurring during the first 12 months defects period to be replaced at the contractors expense.
	14.03.2024 -G Updated to co ordinate with Architects site plan DW FW 21.11.2023 -F Updated to VE plan FW AS 05.10.2023 -E Updated to co ordinate with Architects site plan FW AS 09.08.2023 -D Updated to co ordinate with Architects site plan FW AS 24.07.2023 -C Updated to co ordinate with Architects site plan FW AS 24.07.2023 -C Updated to co ordinate with Architects site plan FW HS 03.06.2023 -B Updated to Architects comments DW PW 03.06.2023 -A Updated to Architects comments FW HS 03.06.2023 -A Updated to Architects comments FW -
	Newsborns Description Drawn Check Revisions Description Drawn Check Project Title PROPOSED MIXED USE DEVELOPMENTS Drawing Title LANDSCAPE PLAN Image: Check Image:
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PLANNING

Drawing Size AO

Checked By AS

Date 10/2023

1:250

Drawn By FW

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LANDSCAPE

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SOFT LANDSCAPE SPECIFICATION NOTES