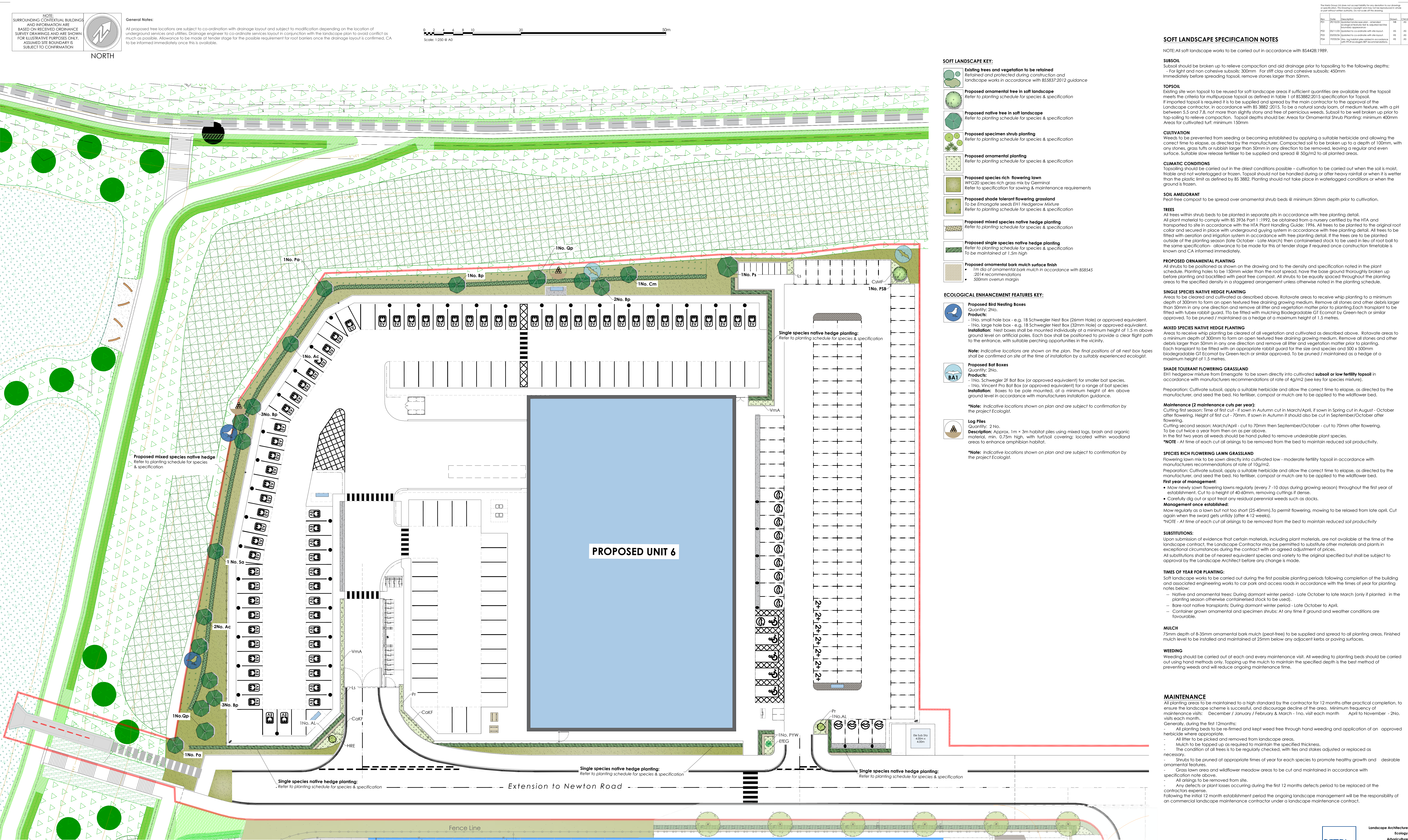




PLANTING SCHEDULES

Trees						
Species	Abb.	Form	Girth	Height (cm)	Clear stem (cm)	Root
Acer campestre	Ac	Standard selected	10-12	300-350	min 200	RB
Belula pendula	Bp	Standard selected	8-10	250-300	175-200	RB
Corylus monogyna	Cm	Standard Heavy	12-14	350-400	min 200	RB
Prunus sylvatica	Ps	Standard Heavy	12-14	350-400	min 200	RB
Prunus avium	Pa	Standard selected	8-10	250-300	175-200	RB
Prunus Sussel Boulevard	PSB	Standard Extra Heavy	16-18	450-500	min 220	RB
Quercus petraea	Qp	Standard Heavy	12-14	350-400	min 200	RB
Sorbus aucuparia	Sa	Standard selected	10-12	300-350	min 200	RB

Specimen Shrub Planting:						
Name	Abb	Height (cm)	Root	Container	Habit	Quantity
Amaelanchier lamarckii	Al	250-300	RB	/	Multi Stem	2
Phlox Yellow Wave	PYW	/	C	15L	Triple Crown	1

Formal Hedge Planting:					
Name	Abb	Height (cm)	Root	Form	Spacing
Cornus betulus	Cb	100-120	RB	Bushy, Clipped sides	50cm centres, 40cm between rows

Ornamental Shrub Planting:					
Name	Abb	Height (cm)	Root	Container	Habit
Calamagrostis x acutiflora Karl Foerster	CaKF	60-80	C	3-4L	V
Cornus sanguinea Midwinter Fire	CaMF	20-30D	C	5L	Bushy
Eunymia fortunei Emerald & Gold	EEG	30-40	C	5L	Bushy
Hebe Red Edge	HE	30-40	C	5L	Bushy
Luzula sylvatica	Li	/	C	3L	Severely shoots
Phlox russelliana	Pr	/	C	3L	Severely shoots
Vincetoxicum 'Atrorubra'	VmA	/	C	3-4L	V

Mixed Species Native Hedge Planting					
Name	Abb	Height (cm)	Container	Habit	Breaks
Ceratophyllum demersum	Cd	100-125	/	Transplant - seed raised	3
Cornus sanguinea	Cs	60-80	/	Branched	3
Corylus avellana	Ca	60-80	/	Branched	3
Ilex aquifolium	Ia	100-125	/	Leader & Lateral	3
Ligustrum vulgare	Lv	60-80	/	Branched	3
Rosa canina	Rc	125-150	/	Branched	3
Viburnum opulus	Vo	60-80	/	Branched	3

No.	Date	Description	By	Checked	By
001	10/10/2024	Initial design and site plan	SB	NA	AS
002	10/10/2024	Design changes and site plan	SB	NA	AS
003	10/10/2024	Design changes and site plan	SB	NA	AS
004	10/10/2024	Design changes and site plan	SB	NA	AS

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 stiff clay and cohesive subsoils: 450mm
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 topsoil meets the criteria for multiple use as defined in table 1 of BS3882:2015. If not, topsoil should 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.

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.

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.

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 detail.
All plant material to comply with BS 3924 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 operation and irrigation system in accordance with tree planting detail. If the trees are to be planted 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 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. 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.

SINGLE SPECIES NATIVE HEDGE PLANTING
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 luteax rabbit guards. To be fitted with mulching Biodegradable Gf Econat by Green-Tech or similar approved. To be pruned / maintained as a hedge at a maximum height of 1.5 metres.

MIXED SPECIES NATIVE HEDGE PLANTING
Areas to receive whip planting be cleared of all vegetation and cultivated as described above. Rotavate areas 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 an appropriate rabbit guard for the size and species and 500 x 500mm biodegradable Gf Econat by Green-Tech or similar approved. To be pruned / maintained as a hedge at a maximum height of 1.5 metres.

SHADE TOLERANT FLOWERING GRASSLAND
E11 hedgerow mature from Emeraldale to be sown directly into cultivated subsoil or low fertility topsoil in accordance with manufacturers recommendations at rate of 4g/m² (see key for species mixture).
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 (2 maintenance cuts per year):
Cutting first season: Time of first cut - if sown in Autumn cut in 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.
In the first two years all weeds should be hand pulled to remove undesirable plant species.
NOTE - At time of each cut all arising to be removed from the bed to maintain reduced soil productivity.

SPECIES RICH FLOWERING LAWN GRASSLAND
Flowering lawn mix to be sown directly into cultivated low - moderate fertility topsoil 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.

First year of management:
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.
Management once established: Mow regularly as a lawn but not too short (25-40mm). To permit flowering, mowing to be relaxed from late April. Cut again when the sward gets untidy (after 4-12 weeks).
NOTE - At time of each cut all arising to be removed from the bed to maintain reduced soil productivity.

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 favourable.

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 paving surfaces.

WEEDING
Weeding should be carried out at each and every maintenance visit. All weeding to planting beds should be carried out using hand methods only. Topping up the mulch to maintain the specified depth is the best method of preventing weeds and will reduce ongoing maintenance time.

MAINTENANCE
All planting areas to be maintained to a high standard by the contractor for 12 months 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 12 months:
- 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 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 arising to be removed from site.
- Any defects or plant losses occurring during the first 12 months defects period to be replaced at the contractor's expense.
Following the initial 12 month establishment period the ongoing landscape management will be the responsibility of an commercial landscape maintenance contractor under a landscape maintenance contract.