Plot 11, Dove Valley Park . Landscape Proposals

ISL Associates
Landscape Architects

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.

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

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.

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.

Gravel Margin

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.

Wildflower / Grass Mix
Emorsgate Seeds Flowering Lawn Mixture EL1, or equivalent, in accordance with suppliers instructions. Sow at 5g/m2. Mixture EL1 contains slow growing grasses with a selection of wild flowers that respond well to regular short mowing.

Wildflower / Grass Mix
Naturescape N7 Wetland Meadow, or equivalent, in accordance with suppliers instructions. Sow at 5g/m2.

Wildflower Grass Seeding General
Ensure the ground that is not highly fertile by use of subsoils and does not have a problem with perennial weeds. 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 or spring but can be sown at other times of the year if 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 achieve a firm, fine tilth suitable for seeding.The seed bed be shall be free from unevenness, hollows, depressions and soft areas so that an evenly graded grass surface can be achieved.
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 diametre or 200mm length.

Clover Rich Amenity Grass
Existing grass areas in good condition can be retained
This area of clover rich lawn will be beneficial to bees and other insects. The lawn can be maintained by periodic mowing to prevent the grass species becoming too high or untidy. Once the clover flower season has finished the lawn can be mown as a regular amenity grass. Sow Germinal A4 Low Maintenance seed with addition of 5% Trifolium pretense and 5% Trifolium repens. Sow at 35g/m2.

Amenity Grass Seeding General
Minimum 100mm cultivated topsoil. Topsoil to BS3882:2007.
Seed is best sown in the autumn or spring but can be sown at other times of the year if 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 topsoil to depth of 100mm including all consolidation, rolling, harrowing or raking to achieve a firm, fine tilth suitable for seeding.The seed bed be shall be free from unevenness, hollows, depressions and soft areas so that an evenly graded grass surface can be achieved.
The seed bed should be evenly graded to finish 25mm above adjoining paving, kerbs etc after settlement.
Remove all weeds, and remove stones, grass sods and other debris exceeding 20mm in any dimension and all roots exceeding 15mm diametre or 200mm length.
After cultivation and prior to grass seeding, supply, spread and lightly rake into the tilth a granular pre-seedling fertiliser N:P:K ration 10:15:10 at a rate of 60 grammes per m2. Do not apply fertilisers to wild seed areas. Sow according to suppliers instructions.

Proposed Native Scrub/Shrub Planting
To be planted within the specified areas shown below at 1.5m centres. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting. After herbicide has taken effect cultivate the area to a coarse tilth 250mm deep. Whips shall then be pit planted, with backfill mixed with 70grams of Enmag slow release fertiliser. Gently firm in by treading. 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. All to have Tubex Netguard, 60cm high and 150mm diameter, dark green colour. To be fixed to firmly anchored softwood timber stakes using 2no. plastic cable ties. Dip all roots into MycorForce Whip Dip prior to planting. Contact supplier for application details, Tel:English Woodlands Burrow Nursery 01435 862992.

Plant Numbers for Native Planting Areas

%	Species	NP1	NP2	NP3	NP4	Size	Ttls
10	Betula pendula	639	171	23	18	1+1 80-100 br	851
20	Corylus avellana	1278	342	42	37	1+1 80-100 br	1699
40	Crataegus monogyna	2556	684	84	74	1+1 80-100 br	3398
15	Ilex aquifloium	959	257	35	28	1+1 80-100 cg	1279
5	Rosa canina	320	86	12	9	1+1 80-100 br	427
10	Viburnum opulus	639	171	23	18	1+1 80-100 br	851

Plant Numbers for Native Planting Areas

%	Species	NP5	NP6			Size	Ttls
10	Betula pendula	19	17			1+1 80-100 br	887
20	Corylus avellana	38	34			1+1 80-100 br	1771
40	Crataegus monogyna	76	68			1+1 80-100 br	3542
15	Ilex aquifloium	29	26			1+1 80-100 cg	1334
5	Rosa canina	10	9			1+1 80-100 br	446
10	Viburnum opulus	19	17			1+1 80-100 br	887

C	1.	Amended hedge species mix	cjn	28.01.26
B	1.	Updated to Proposed Site Plan 14431-05101 P06	cjn	13.01.26
A	1.	Updated to Proposed Site Plan 14431-05101 P01	cjn	21.11.25
Revisions			Dwn.	Date

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KEY & NOTATION

Plot Boundary

Existing Retained Trees and Hedges

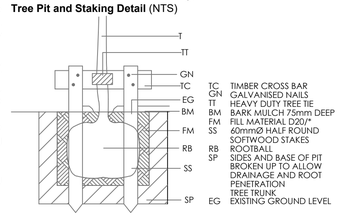
Proposed Tree Planting
The excavated hole shall be of sufficient size to accommodate the root-ball or container, allowing approximately 500mm clearance.
Before planting the sides of the pit shall be broken up and the base dug over to a depth of 150mm to improve drainage. The tree will be planted to the 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.

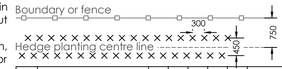
Tree Aftercare
Any necessary formative pruning will be carried out and where appropriate woodchip/bark mulch applied to a depth of 75mm, and to at least the edge of the planting pit.
A properly planned maintenance programme should be kept up until successful establishment of the trees. This may include watering when necessary, checking of the support systems, weed control and further mulching.

Tree Pit and Staking Detail (NTS)



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		NH5	Size	
10%	Acer campestre	128	70	111		103	1+1 80-100 br	
10%	Corylus avellana	128	70	111		103	1+1 80-100 br	
55%	Crataegus monogyna	704	385	611		513	1+1 80-100 br	
10%	Ilex aquifolium	128	70	111		103	60-90 3L	
5%	Malus sylvestris	64	35	56		51	1+1 80-100 br	
5%	Rosa canina	64	35	56		51	1+1 40-60 br	
5%	Viburnum opulus	64	35	56		51	1+1 80-100 br	

Mix	Native Hedge	NH6	NH7				Size	Ttls
10%	Acer campestre	10	106				1+1 80-100 br	528
10%	Corylus avellana	10	106				1+1 80-100 br	528
55%	Crataegus monogyna	55	581				1+1 80-100 br	2849
10%	Ilex aquifolium	10	106				60-90 3L	528
5%	Malus sylvestris	5	53				1+1 80-100 br	234
5%	Rosa canina	5	53				1+1 40-60 br	234
5%	Viburnum opulus	5	53				1+1 80-100 br	234

Scale: 1:500 @ A1
0 10m 50m

Project
Commercial Development Plot 11 Dove Valley Park

Drawing
Detailed Landscape Proposals 2 of 5

Status
For Planning, Tender & Construction

Date
19.03.2025

Dwg. No.	Revision	Drawn	Checked
25.1958.003	C	cjn	cjn

ISL Associates Ltd., 46 Windsor Street
Burbage, Leics., LE10 2EF
T. 01455 611950
E. chris@ianstempla.co.uk
W. www.ianstempla.co.uk

ISL Associates
Landscape Architects
Landscape Institute Registered Practice
Landscape Architecture Landscape & Visual Assessment Arboriculture Ecology