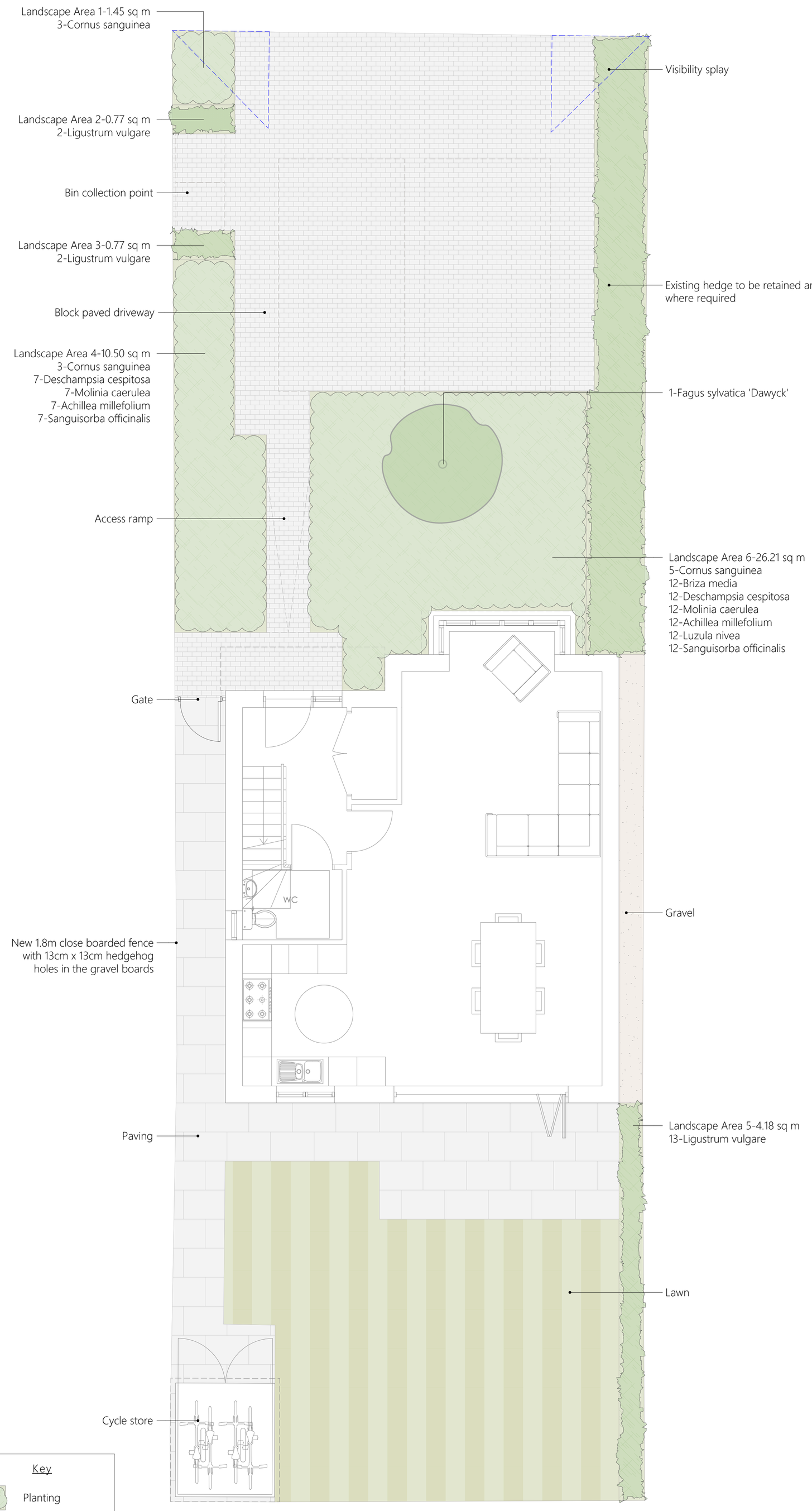
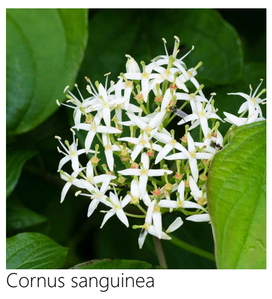


Fagus sylvatica 'Dawyck'

Sanguisorba officinalis


Cornus sanguinea

Achillea millefolium

Ligustrum vulgare

Luzula nivea

Briza media

Molinia caerula

Deschampsia cespitosa

ECOLOGY

The ecology recommendations have been extracted from the AIA, PEA and PRA produced by KJF Consultancy Ltd dated 26.07.2024.

Bats

To provide a permanent roosting option for the local population of crevice dwelling bats, 1x bat tube should be placed in a southerly facing elevation of the new dwelling, as high as practicable and away from any external lighting/windows.

Bees

To provide permanent habitats for bees, 2x bee bricks should be placed in walls of the new dwelling, in suitable locations; given bees can cause a 'nuisance,' the Contract Manager must agree the locations for the bricks.

Birds

The hedge along the north boundary should be retained. To provide a permanent nesting option for swifts, 1x swift nest brick should be placed in an easterly facing elevation of the new dwelling, as high as practicable and away from any external lighting/windows.

Hedgerows

To provide a nesting opportunity for hedgehogs, 1x hedgehog nest box should be placed in the hedge on the north boundary. Clean leaf matter should be placed in the box. To allow hedgehogs to forage and pass through the site, 13cm x 13cm holes must be cut into any new fencing gravel boards. Bat tubes/bee bricks/bird bricks/hedgehog nest boxes are available from www.nhbs.com (and other suppliers) and must be obtained well in advance of completion and must be placed in accordance with the manufacture's recommendations.

TREE SIZE GUIDE

Trees to be 1.8m clear stem specimens unless stated otherwise.

TREE TYPE	TREE GIRTH (CM)	TREE HEIGHT (CM)
Heavy Standard	12-14cm girth	300-350cm

PLANTING DENSITIES

PLANTING BEDS: Planting species to be planted in groups of 1, 3, 5 and 7. Taller species to be located centrally and towards the rear. Planting density of 2 plants per square meter for Shrubs & 3 plants per square meter for perennials and grasses.

HEDGING: Hedging to be planted in double staggered rows with 5 whips per linear meter.

HEDGE PLANTING SPECIFICATION

All planting stock to conform to the National Plant Specication, but generally:

Stock Size: 1+2 transplanted whips (90-120cm) or 3 litre containerised stock

Density: 4 per linear meter, planted in a double staggered row, 500mm between plants and rows.

Species grouping: Plant in groups of 3-7 of same species, distributing evergreen species evenly over total length.

Protection: 600mm clear spiral rabbit guards and tube guards for standard trees.

Planting: Trench planted, ensure trench is wide enough to accommodate spread roots, ameliorate back with 50% organic matter

Mulch: 75mm bark much to entire planting trench.

Location: 800mm from adjacent vertical structure and/or 500mm from adjacent hard surface. Use root barriers where required.

Tag standard trees to easily identify during annual cut.

DESIGN NOTES

This drawing is the copyright of The Landscape Service 2017 Limited, all rights reserved. Do not scale from this drawing. All dimensions and levels to be checked. The Landscape Service 2017 Limited do not accept responsibility for any expense, loss, damage of whatsoever nature, however arising from the execution of the work to which it relates.

SURFACE WATER: Hard surfacing to comply with Sustainable Urban Drainage Systems (SUDS) where required and to BS 8582

PERMISSIONS AND REGULATIONS: Comply with the latest revisions of the Health and Safety at Work Act, the Management of Health and Safety at Work Regulations, the Construction, Design and Management Regulations (CDM), the Control of Pesticide Regulations, the EU Biocide Regulations, Plant Protection Products legislation, the Control of Substances Hazardous to Health Regulations. (COSHH) and all other relevant Acts, Statutory Instruments, Regulations or Orders. Ensure compliance of employees, sub-contractors and all other persons on site. Provide adequate welfare and first aid facilities. Carry out risk assessments and prepare method statements as appropriate. Ensure safe working methods are used.

It is the client's responsibility to apply for all the relevant permissions before commencing work on site. This includes but not limited to: Planning permission, Tree Preservation Orders, Building regulation approval and Party Wall Act.

SERVICES: Before starting work locate the exact position of underground and overhead services by making all necessary investigations. No mechanical digging is to take place within 0.5m of gas or electrical services. Follow the guidance issued by the Utility Authority/Company when working close to underground services.

ELECTRICAL WORK: To BS 7671 and Part P of the Building Regulations.

EXTERIOR LIGHTING FITTINGS: To BS 4533 and BS EN 60598-1.

SOFT LANDSCAPING NOTES

The Client will undertake care of the plants, trees and grass after the work is finished.

INVASIVE NON NATIVE SPECIES: Comply with the *Invasive Non Native Species Horticultural Code of Practice.*

GROUND WORKS: To *BS 4428 Code of Practice for general landscape operations* and *BS 8000-1 clause 3.1 - 3.3* for excavation and filling.

PREPARATION FOR PLANT TREES AND SHRUBS:
- Remove inorganic containers.
- Check for and reject any damaged, diseased, poorly rooted, pest infested, wrongly identified plants, or plants not complying with all the requirements of the plant list (unless previously agreed)
- Carefully prune any minor root damage
- Plant in previously prepared pits and planting areas in position shown on the drawings or in the absence of drawings space evenly at the rate specified
- In holes large enough to allow adequate root spread and tease out congested root balls of container grown plants.
- Excavate holes at least 100mmm below the root system.
- Set plants so that their original soil level matches the new surrounding ground and with their best side displayed.
- The backfill is to be the excavated (pre-prepared) soil and evenly worked round the roots and well-heeled in leaving the top slightly proud of the existing level to allow for settlement.

SUPPLY & HANDLING OF TREES & PLANTS: Comply with the *National Plant Specification* (NPS) and the *Code of Practice for Plant Handling (CPSE)* which is incorporated in the *National Plant Specification* (available free at www.csdhub.com).

NURSERY STOCK: In accordance with the plant list and as specified in the *National Plant Specification* (NPS, available free at www.csdhub.com).

PLANT FAILURES: All plants supplied and planted by the Contractor including trees, which fail to thrive within the period for the correction of faults shall be replaced with the same species to match the size of adjacent plants of the same species at the next suitable planting season, unless otherwise agreed.

IMPORTED TOPSOIL TO BE: To BS 3882 Multipurpose natural (not manufactured) topsoil.

ORGANIC MATTER: Apply and lightly dig into the surface of planting areas with well-rotted farmyard manure at a rate of 5kg/m².

IMMEDIATELY AFTER PLANTING: Lightly prune back any damaged or malformed growth. Rake soil to an even, fine tilth to the required levels. Planting is not intended to be edible unless stated otherwise

MULCHING: Fork soil to a medium tilth in the areas to be mulched. Apply 100mm depth of mulch after watering.

BULBS: Grouped at random for naturalised bulbs. With the base of bulb at the correct depth for the species and in contact with the soil; with fine, stone-free topsoil backfill.

TREE STAKES: 75mm minimum diameter, free of bark, with one end pointed.

STAKING FOR TREES: Drive stake upright minimum 600mm depth into excavated planting pit before planting, close to the tree stem on the windward side. Cut off minimum 600mm above ground and secure tree with ties and spacers at the top of the stake.

WATERING PIPES: Provide perforated watering pipes in a circle around the top of the root ball.

BACKFILLING: To be the excavated (pre-prepared) soil. The backfill is to be evenly worked round the roots and well-heeled in leaving the top slightly proud of the existing level to allow for settlement.

TREE WORK: To be to BS 3998 *Recommendations for Tree Work'* unless otherwise agreed.

PROTECTIVE FENCING: Before stripping or clearance of the site, provide, erect and maintain barriers to form Construction Exclusion Zones in accordance with BS 5837, using welded mesh panels securely attached to a braced scaffold pole vertical and horizontal framework as BS 5837 Figure 2. Clear away and make good as necessary when all the work is Complete

GROUND PREPARATION FOR WILD FLOWER MEADOWS: Harrow to reduce soil to a good tilth not exceeding 25mm. Ground to be weed free and cleared of existing organic matter.

SOWING WILD FLOWER SEED MIX: Ensure even mixing of all seed varieties at all times. Seed spread to manufacturers recomendation. Seed is to be sown into soil with low fertility. Client is responsible for any required soil tests.

TURF QUALITY: to be BS 3969 with herbicide applied 1 to 3 months before lifting, 900 x 300 minimum size, even thickness, max 10mm thick thatch and 7-18mm thick topsoil. Supply a sample to site for inspection before delivery.

PREPARATION FOR TURFING:
- Remove all weeds, rubbish and stones over 30mm in any dimension.
- Cultivate topsoil to a minimum depth of 100mm.
- Reduce top 30mm to a fine tilth and on clay or heavy loam soils work in 50% of coarse sharp sand to produce a 60mm layer.

LAYING TURF:
- Transport turf over close butted timber planks.
- Lay turf in consecutive rows.
- Lay turf from timber planks protecting previously laid turf.
- Lay turf close butted breaking the joint in alternate rows.
- Use only whole turves at margins.
- Consolidate lightly with wooden beaters.
- Brush in finely sieved topsoil to fill all joints.
- Peg turfs with wooden pegs on slopes exceeding 30°.
- Ensure final surface is 20mm above any adjacent hard surface.

FERTILISER: Dress areas to be grass seeded with N7:P7:K7 fertiliser at a rate of 50g/m². and work into the top 30mm of tilth 7 days before sowing and water in well. Not applicable to wildflower meadow areas.

SOWING GRASS SEED: Ensure even mixing of all seed varieties at all times. Use a broadcast machine to spread the seed in the quantity specified. Apply in two equal passes in transverse directions. Rake in the seed and roll with a lightweight roller.

Key

- Planting
- Hedge
- Lawn
- Block Paving
- Paving
- Gravel
- New Tree

Plant List

ID	Qty	Latin Name	Scheduled Size	Remarks
Shrubs	17	Ligustrum vulgare	10L	
Shrubs	11	Cornus sanguinea	10L	
Perennials	19	Sanguisorba officinalis	3L	
Perennials	12	Luzula nivea	5L	
Perennials	19	Achillea millefolium	5L	
New Tree	1	Fagus sylvatica 'Dawyck'	Heavy Standard	
Grasses	19	Deschampsia cespitosa	2L	
Grasses	19	Molinia caerulea	2L	
Grasses	12	Briza media	5L	

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THE LANDSCAPE SERVICE
Landscape & Garden Design
T: 02381 980022
E: info@thelandscapeservice.com
W: www.thelandscapeservice.com

Site Address
169 Underwood Road
Eastleigh
Hampshire
SO50 6GR

Drawing Title
Landscape Plan

Drawing Number
543 - 1 - R1

Date
20.08.2024

Scale
1:50 @ A1