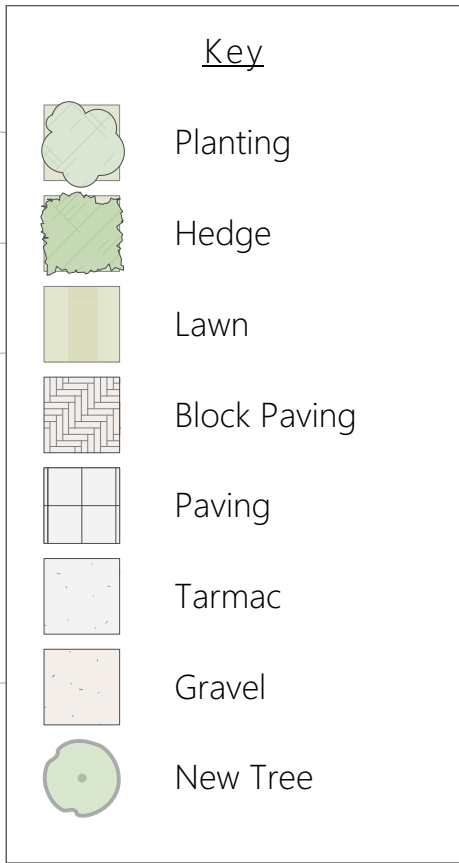
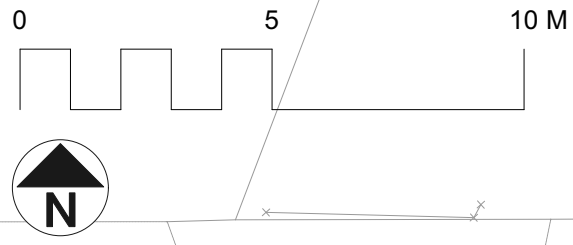




Hart Plain Avenue

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 100mm 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 (CPSH) 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 tith to the required levels. Planting is not intended to be edible unless stated otherwise.

MULCHING: Fork soil to a medium tith 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.

NATIVE HEDGEROW SPECIES	
10%	Acer Campestre
10%	Cornus sanguinea
30%	Corylus avellana
30%	Crataegus monogyna
10%	Prunus spinosa
10%	Viburnum opulus

HEDGE PLANTING SPECIFICATION

All planting stock to conform to the National Plant Specification, 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 mulch 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.

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.

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



Plant List				
ID	Qty	Latin Name	Scheduled Size	Remarks
Shrubs	13	Juniperus communis	10L	
Shrubs	47	Viburnum opulus - BR	Bare root 90-120cm	
Shrubs	9	Salix lanata	10L	
Shrubs	13	Lavandula angustifolia	10L	
Shrubs	7	Choisya ternata	10L	
Shrubs	136	Crataegus monogyna - BR	Bare root 90-120cm	
Shrubs	136	Corylus avellana - BR	Bare root 90-120cm	
Shrubs	47	Cornus sanguinea - BR	Bare root 90-120cm	
Shrubs	47	Prunus spinosa - BR	Bare root 90-120cm	
Shrub	47	Acer Campestre - BR	Bare root 90-120cm	
Perennials	23	Astrantia major 'Alba'	5L	
Perennials	32	Helleborus foetidus	5L	
Perennials	28	Luzula nivea	5L	
Perennials	42	Anemone nemorosa 'Vestal'	5L	
Perennials	32	Achillea millefolium	5L	
New Tree	4	Acer Campestre	Heavy Standard	
New Tree	2	Prunus padus	Heavy Standard	
New Tree	5	Sorbus aucuparia	Heavy Standard	
Grasses	22	Carex elata 'Aurea'	5L	
Grasses	10	Deschampsia flexuosa	5L	
Grasses	20	Deschampsia cespitosa	5L	
Grasses	23	Briza media	5L	

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Site Address

Land at Cowplain School, Hart Plain Avenue,
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Drawing Title

Landscape Plan

Drawing Number

464 - 1

Date

25.04.2024

Scale

1:150 @ A1