© **DSA** 2023
Do not scale the drawing.
Dimensions to be checked not scaled.
Drawing intended for **PLANNING** purposes ONLY.

Continued on DSA drawing 1090 103

SPECIFICATION NOTES

For all hard landscape works, drainage, signage and boundary treatments including slopes, walls, fencing and gravel surfacing in this instance refer to Engineer's drawings. For existing levels refer to site survey and for proposed levels refer to Engineers drawings.

GENERAL - Workmanship
Carry out all soft works in accordance with **BS 4428: 1989** 'Code of practice for general landscape operations (excluding hard surfaces)' and **BS 3936: 1992** 'Recommendations for cultivations and planting in the Advanced Nursery Stock category'. Works should be carried out at the appropriate season and only in appropriate weather conditions. If out-of-season planting is likely, stock specified BR is to be **containerised**.

GENERAL - Services and Setting Out
Prior to starting works, verify locations of all services and obtain instruction if required. Set out and obtain approval before planting.

SOIL - Preparation

Prior to any landscape works including topsoil spread, **ensure adequate drainage** by ripping or sub-soiling (or additional drainage) as required. In all tree pits ensure a minimum depth of **600mm** of clean topsoil, all areas of shrub and tree planting, supply and spread a minimum depth of **450mm** of clean topsoil. In grassed areas, use a minimum of **150mm** clean topsoil or suitable subsoil for wildflower grass areas.

Topsoil and subsoil should be carefully stripped and stock piled in reasonably dry conditions to avoid unnecessary compaction and damage to soil structure. Topsoil and subsoil should be stacked separately and strict precautions be taken to prevent mixing. Contractors' attention is drawn to **BS 3882** and **BS 4428** (1989) Section 4 to Section 8.

N13F - Chalk & Limestone Soils Meadow Mix (Wildflowers Only)

Achillea millefolium	*Yarrow*
Anthyllis vulneraria	*Kidney Vetch*
Campanula glomerata	*Clustered Bellflower*
Centaurea nigra	*Common Knapweed*
Centaurea scabiosa	*Greater Knapweed*
Clinopodium vulgare	*Wild Basil*
Daucus carota	*Wild Carrot*
Echium vulgare	*Viper's Bugloss*
Filipendula vulgaris	*Dropwort*
Galium verum	*Lady's Bedstraw*
Knautia arvensis	*Field Scabious*
Leontodon hispidus	*Rough Hawkbit*
Leucanthemum vulgare	*Oxeye Daisy*
Lotus corniculatus	*Birdsfoot Trefoil*
Ononis repens	*Common Restharrow*
Origanum vulgare	*Wild Marjoram*
Pimpinella saxifraga	*Burnet Saxifrage*
Plantago media	*Hoary Plantain*
Primula veris	*Cowslip*
Prunella vulgaris	*Self Heal*
Ranunculus acris	*Meadow Buttercup*
Rhinanthus minor	*Yellow Rattle*
Sanguisorba minor	*Salad Burnet*
Scabiosa columbaria	*Small Scabious*

24 Species total

MSH105-2 15Lm 4plants/Lm ds row 75 plants total
30 Crataegus monogyna 1+1 60-80 BR
30 Prunus spinosa 1+1 60-80 BR
with Honeysuckle planted along the fence line
15 Lonicera periclymenum 60-80 2L

AMG105-4 10m2
Germinal Amenity A22 seed mix @50g/m2

AMG105-3 15m2
Germinal Amenity A22 seed mix @50g/m2

MSH105-1 105Lm 4plants/Lm ds row 515 plants total
210 Crataegus monogyna 1+1 60-80 BR
210 Prunus spinosa 1+1 60-80 BR
with honeysuckle planted along the fence line
105 Lonicera periclymenum 60-80 2L

NWB105-3 170m2 1plant/m2 170 plants total
75 Crataegus monogyna 1+1 60-80 BR
50 Prunus spinosa 1+1 60-80 BR
45 Fagus sylvatica 1+1 60-80 BR
Planted in a random mix, on a 1m grid oriented north, in species groups of 5.

ST105-1
2 Betula pendula 14-16cmg CG
with 1nr bird box. Refer to DSA detail 1090 301.

SB105-1 60m2 4plants/m2
240 Lonicera pileata 40-60 CG

AMG105-1 120m2
Germinal Amenity A22 seed mix @50g/m2

Continued on DSA drawing 1090 104

IS105-1
Refer to DSA drawing 1090 501

AMG105-2 800m2
Germinal Amenity A22 seed mix @50g/m2

NWB105-1 60m2 1plant/m2 60 plants total
25 Crataegus monogyna 1+1 60-80 BR
20 Prunus spinosa 1+1 60-80 BR
15 Fagus sylvatica 1+1 60-80 BR
Planted in a random mix, on a 1m grid oriented north, in species groups of 5.

NWB105-2 300m2 1plant/m2 300 plants total
120 Crataegus monogyna 1+1 60-80 BR
50 Corylus avellana 1+1 60-80 BR
50 Prunus spinosa 1+1 60-80 BR
80 Fagus sylvatica 1+1 60-80 BR
Planted in a random mix, on a 1m grid oriented north, in species groups of 5.

ST105-2
4 Betula pendula 14-16cmg CG
with 1nr bird box. Refer to DSA detail 1090 301.

WFG105-1 400m2
Naturescape N13F 'Chalk and Limestone Soils' mix sown @ 5g/m2.

PLANTING - Extra Heavy Standard Trees
Excavate tree pits to accommodate entire root mass. Fork sides and base thoroughly to achieve drainage and remove clay patches. Mix backfill soil with minimum of **10kg** spent mushroom compost. Firm in layers and water to field capacity. Stake each tree with double stub stake and tie firmly with spacer and buckle adjustment.

Drive each stake firmly into the ground. **Stain timber two coats black**. Fit rabbit protection (spiral guards see below). Mulch: For trees in grassed areas supply and spread a minimum depth of 75mm bark mulch to top of tree pits, with a circle **diameter 1.5m**.

Spiral guards supplier: Tubex Ltd., 01685 888 000
Reference: 50mm clear spiral shelters 600mm high
Tree ties supplier: Acorn Planting Products, 01508 528763
Reference: Black rubber tie 38mm with spacer and buckle.
Woodstain: Sadolin Wood stain. Colour: Charcoal

PLANTING - Shrubs, Whips and Transplants including Hedging species

Preparation: Prior to planting cultivate soil to 300mm. Leave surface regular and even and remove all debris and stone over 50mm diameter. Carry out weed control as necessary.

Planting: Plant each plant upright, carefully replacing backfill and heel well in. Add min **3kg** compost (well-rotted horse manure) to the backfill material per shrub/tree during planting and mix well. Add tree/shrub shelters as appropriate to species with stake firmly fixed. Supply and spread a minimum depth of 75mm bark mulch to all planting areas. Water to field capacity.

Bark mulch supplier: Melcourt Industries Ltd., 01666 502711
Reference: Amenity grade bark mulch.
Tree/ Spiral guard supplier: Tubex Ltd., 01685 888 000
Reference: Standard Tree/shrub shelters 600mm high green
Reference: 50mm clear spiral shelters 600mm high

GRASS/ WILDFLOWER SEEDING
Note: Wildflower areas to receive suitable re-used site chalk topsoil and subsoil. Prior to turfing cultivate topsoil thoroughly to 100mm min. Leave soil surface regular and even, removing all humps and hollows and remove all debris and stone over 50mm diameter. Ensure that soil surface marries into existing levels and hard edges, service covers etc, being slightly proud to allow for settlement.

Apply suitable pre-seeding fertiliser and herbicide (don't apply fertiliser to wildflower areas). Firm and rake soil to prepare a bed. Supply and sow grass seeds at indicated rates.

AFTERCARE - General

AFTERCARE - Trees
Maintenance works are to include: firming of tree stakes and replacement or adjustment of tree ties, weed and pest control, protection from animals, formative pruning to achieve desired form, fertilising and replacement of failures. Special attention is to be paid to watering to achieve establishment and healthy growth through the first **12 months** after planting.

AFTERCARE - Shrubs and hedge planting
Maintenance works, to include weed control, attention to protection from animals, formative pruning to achieve desired form, watering, fertilising and replacement of failures. Take special care to control weeds within tree and shrub shelters.

AFTERCARE - Grass areas
Allow for maintenance works, to include watering, disease and weed control, removal of all litter and regular cuts to maintain the works in a tidy condition and promote healthy growth. Ensure regular watering during establishment period.

Wildflower grass areas: Obtain advice from landscape architect to ensure biodiversity objectives are met. Generally cut wild flower grass after seeding on a 50% per season rotation (to maintain areas free of regenerating scrub or tall herb and to maintain some bare ground). Apply a suitable herbicide as spot spray annually or as necessary to prevent invasive weeds. Remove all arisings off site.

BBP105-1
6m tall 'Bat Box Post'. 200mm diameter round section post, stained black, with 3nr 'Kent style' timber bat boxes at different heights. Refer to 1090 302.

Lorry Wash
Lorry Wash
Fuelling
MIXED NATIVE HEDGE
Maintenance Shed
Storage
Recycling Area
BIRCH ENTRANCE
WILDFLOWER GRASSLAND
EQUINOX DRIVE
BIRCH BOUNDARY
WOODLAND CORNER

REVISIONS:
- Initial Issue: 28th November 2018.
A 11February 2019/ds. Wildflower areas soil notes added for clarification to LPA comments.
B 27 July 2023/qz. Revised to match Cox Freeman Partnership's drawing GRAMES2-CFL-02-ZZ-DR-A-05001 Proposed Site Plan P01.

NOTES:
1. Initial issue based on Cox Freeman Partnership's drawing 2248-CFL-00-ZZ-DR-A-0501 Proposed Site Plan P06 D2.

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LANDSCAPE SOFTWORKS
SOUTH EAST [6 OF 6]

1090 105 **B** 1:200@A1

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