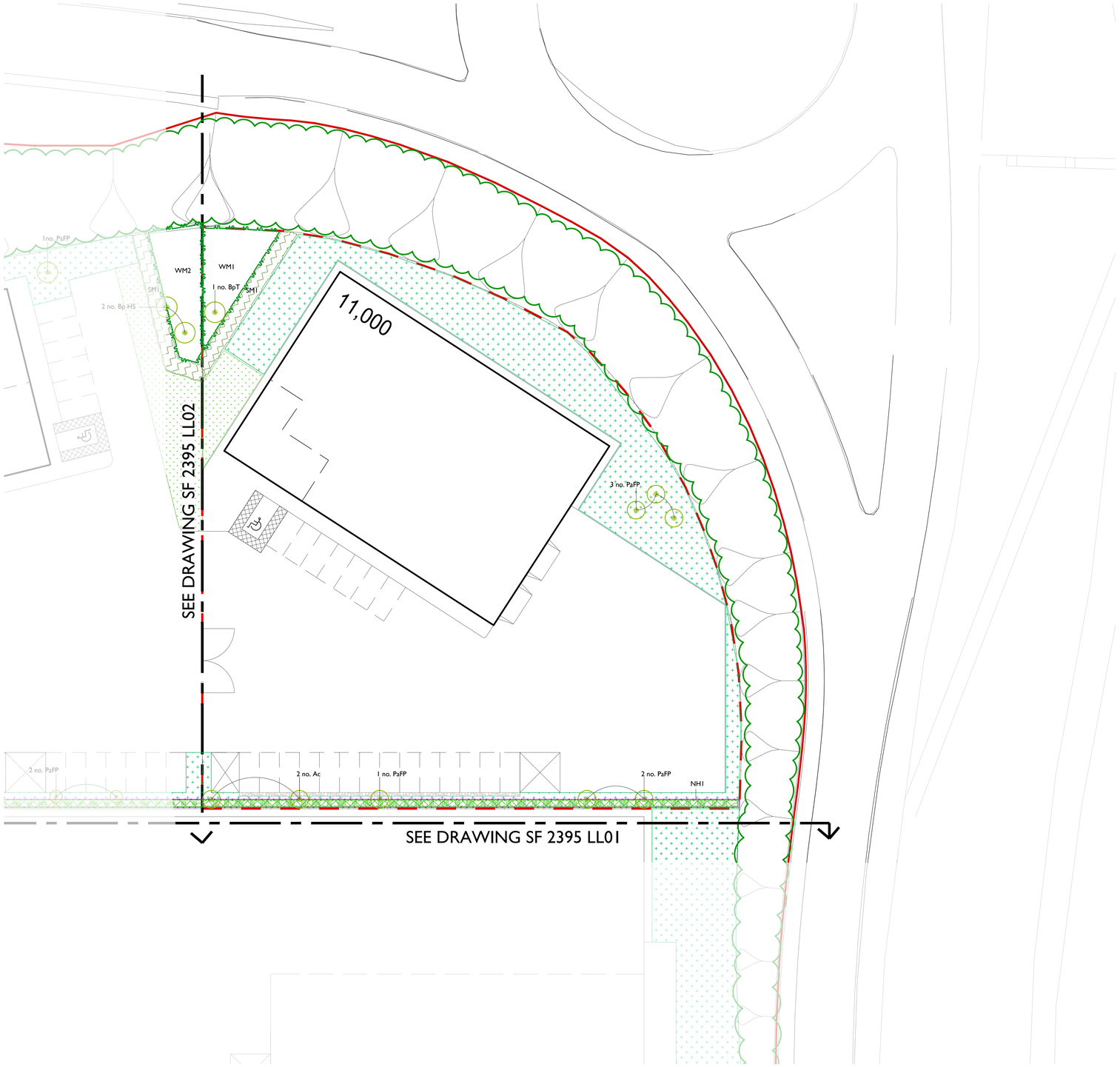
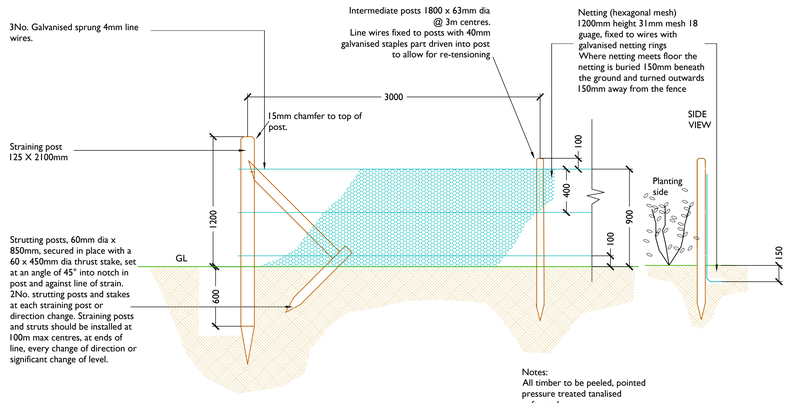




Notes:
All timber to be peeled, pointed pressure treated tanalised softwood,

DT01 - Rabbit Proof Fencing
Scale - 1:20

Native Hedge planting – NH

%	Species	Spec.	NH1
50	Crataegus monogyna	600-900mm	268
20	Ilex aquifolium	300-450mm	67

Planted at 5 plants per linear metre with Ilex located singularly every 1m.
Protect with rabbit proof fence as per detail.
Mulch hedge lines 1m wide to 75mm depth.

Tree planting

Code	Species	Spec.	No.
Ac	Acer campestre	EHS, 14-16cm	2
BpT	Betula pendula 'Fastigiata'	EHS, 14-16cm	1
PaFP	Prunus avium 'Plena Plena'	EHS, 16-18cm	6

Woodland mix planting – WM

%	Species	Size	WM1
20	Betula pendula	600-900mm	4
20	Alnus glutinosa	600-900mm	4
15	Acer campestre	600-900mm	3
10	Prunus avium	600-900mm	2
5	Prunus padus	600-900mm	1
15	Corylus avellana	450-600mm	3
15	Quercus robur	600-900mm	3

Plants to be located at 2m centres in species groups of 5, 7 or 9. Protect 600-900mm plants with brown plastic 450mm spiral guards. Protect each Corylus Avellana with a 450mm high 'Nelson' shrub guard attached with ratchet ties to 25 x 25 x 900mm soft wood stake.
Mulch each planting station to 900mm Ø 75mm depth of composted FSC forest bark mulch.

Seed areas between mulch with John Chambers Professional Shaded/Hedgerow Mix at 5g/m² –
80% grass (5 species)
20% wildflower (21 species)

Shrub mix planting – SM

%	Species	Size	SM1
15	Viburnum opulus	600-900mm	5
5	Ilex aquifolium	300-450mm	2
50	Corylus avellana	450-600mm	15
20	Crataegus monogyna	600-900mm	5
10	Prunus spinosa	600-900mm	1

Plants to be located at 2m centres in species groups of 5, 7 or 9. Protect 600-900mm plants with brown plastic 450mm spiral guards. Protect each Ilex Aquifolium and Corylus Avellana with a 450mm high 'Nelson' shrub guard attached with ratchet ties to 25 x 25 x 900mm soft wood stake.
Mulch each planting station to 900mm Ø 75mm depth of composted FSC forest bark mulch.

Wildflower seeding

John Chambers Shaded/Hedgerow Mix at 5g/m² –
80% grass (5 species)
20% wildflower (21 species)

Planting specification

Topsoil
Shrub areas are to receive topsoil minimum 450mm depth after compaction. Grass areas to receive minimum 150mm depth after compaction.

Trees
The following pit sizes shall be dug for the various tree sizes –
Feathered trees – 900mm x 900mm x 600mm
Extra heavy standard trees – 1500mm x 1500mm x 1000mm
Each pit shall be dug to the sizes given and the base thoroughly broken up prior to the placement of the imported topsoil bas(48) mixture. All trees are to be to specification. Each heavy standard tree shall be supported by two short softwood stakes; cross bar and soft buckle tie and block.
All trees shall be fitted with a suitable perforated plastic irrigation pipe. Extra heavy standard trees are to have 2500mm x 65mm pipes.
Each tree shall be planted to the original root collar and firmed in place. After planting all trees shall receive a 50mm layer of approved composted fine bark, mom size 1-10mm over the full extent of the pit and thoroughly watered in. All tree stems shall be fitted with a 600mm brown spiral plastic guard. On completion each tree shall be thoroughly watered in.

Shrub planting
All shrub beds shall be backfilled with good quality topsoil to a depth of 450mm. the base ground being thoroughly broken up before placement. Hand working shall be carried out within tree root areas. All stock shall be to specification and pinned in the positions on the plan and in the densities given in the schedules. All stock shall be planted to the root collar and well firmed in place. After planting a 50mm layer of approved composted fine bark, mom size 1-10mm, shall be spread over all beds. On completion all shrub beds shall be thoroughly watered in.

Hedgerows
Hedge trenches shall be dug 450mmx450mmx400mm the base of which shall be broken up before the returning the imported topsoil bas(48) mixture at the rate of one parts compost to two parts topsoil. Excavation shall be undertaken by hand in areas of tree roots. All stock shall be to specification and planted at the densities in the schedules in two staggered rows. All stock shall be planted to the root collar and well firmed in place. After planting a 50mm layer of approved composted fine bark, mom size 1-10mm, shall be spread over the whole hedge area to a width of 600mm. On completion all hedge plants shall be thoroughly watered in.

Grassed areas – turf
All areas to be turfed shall be topsoiled to a minimum depth of 150mm over ground free of compaction by ripping or deep cultivation. The soil shall be fine graded to even running falls and cross raked to form a fine tilth. Approved turf shall be laid in accordance with good practice. Prior to laying a pre-seeding fertiliser shall be applied in accordance with the manufacturer's instructions.

Grassed areas – seed
All areas to be seeded shall be topsoiled to a minimum depth of 150mm over ground free of compaction by ripping or deep cultivation. The soil shall be fine graded to even running falls and cross raked to form a fine tilth. Before seeding and approved pre-seeding fertiliser shall be applied in accordance with the manufacturer's instructions.

Wildflower meadow seeding
Wild flora seeding shall be sown onto poor quality topsoil/good quality subsoil with no fertiliser added. If the levels require making up it shall be carried out with approved, clean and high grade subsoil or low grade clean topsoil. The soil shall be fine graded to even running falls and cross raked to form a fine tilth. After seeding, all areas shall be lightly raked.

Bulbs
Bulbs shall be planted to twice the depth of the bulb and spread randomly where shown on the plan at the rate or 30 bulbs per 1m².

Aftercare and maintenance

All planting shall be maintained in good order with any plant material which dies within a five year period being replaced.

Trees
All trees shall be regularly checked and any broken ties or stakes replaced. The area around each tree shall be maintained weed free and the mulch levels maintained to the initial 50mm depth. In periods of dry weather all trees shall be watered to field capacity. At the end of the defects period all trees shall receive an application of slow release fertiliser applied in accordance with the manufacturer's instructions. Mulch shall be topped up to original levels. At the end of the defects period all trees shall be inspected and any found to be dead or failing shall be replaced with stock to the original specification.

Hedgerows
All hedges lines shall be maintained weed free and any plants re-firmed if required. All canes and spirals shall be regularly checked and adjusted or replaced as required. All hedge lines shall be watered in times of drought to field capacity and shall receive an application of slow release fertiliser at the end of the Defects Liability Period. Mulch shall be topped up to original levels. All hedge lines shall be maintained litter free. Any plants which fail or fail to thrive shall be replaced with stock to the original specification.

Shrub Beds
All shrub beds shall be kept weed and litter free at all times and all plants firmed if required. Shrub beds shall be thoroughly watered in times of dry weather to field capacity and at the end of the maintenance period an approved slow release fertiliser shall be lightly forked in around all plants.
At the end of the Defects Liability Period all beds shall be inspected and all stock which has died or failed to thrive shall be replaced with plants to the original specification.

Seeded Areas
General grass areas shall be mown twenty eight times a year and all cuttings boxed off and removed from site.
All edges to shrub beds shall be cut four times a year.

Wildflower Areas
Wildflower areas shall be kept free of pernicious weeds with weed wipes and shall be strimmed twice a year (once areas have set seed in early autumn, and once in spring prior to development of any flowering parts) with all cuttings collected up and removed from site.

Long term maintenance

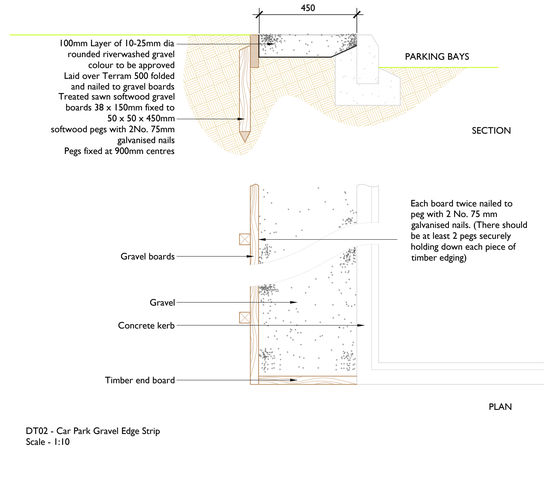
Trees
All trees shall be regularly checked and any breaks or damage addressed. Consideration should be given to the removal of stakes and ties after approximately five years.

Hedges
The mixed species hedges shall be maintained to a height of 1.8m, all other hedges to a height of 1.5m.
Allowance should be made to cut the mixed species hedge once a year, all other hedges twice a year. All cuttings to be collected up and removed from site.

Shrub Beds
All shrub beds should be maintained weed and litter free but the requirements will lessen as the shrubs knit together. Formative pruning will be carried out to maintain shape. Species such as the Cornus shall be cut back every second year in accordance with good practice.

Grass Areas
General grass areas shall be cut twenty eight times per year and all cuttings boxed off and removed from site.

Wildflower Areas
Wildflower areas shall be kept free of pernicious weeds with weed wipes and shall be strimmed twice a year (once areas have set seed in early autumn, and once in spring prior to development of any flowering parts) with all cuttings collected up and removed from site.



DT02 - Car Park Gravel Edge Strip
Scale - 1:10

Key
SF Soft Landscaping

- Grass - turf
- Grass - seed
- Proposed shrub planting
- Spot planting
- Proposed hedge
- Established woodland
- Proposed tree heavy standard 12-14cm girth
- Proposed tree extra heavy standard 14-18cm girth
- Woodland mix - WM
- Shrub mix - SM
- Wildflower seed

Key
SF Hard Landscaping

- Gravel step out strip

Key
SF Fencing/boundaries

- Rabbit proof fencing

NORTH

SMEEDEN FOREMAN

Project	Ashroyd, Plot 2
Title	Landscape Proposals 3 of 3
Scale	1:200 @A0
Drawn by	TM
Date	07.04.15
Checked	MS
Project No.	SF 2395
Drawing No.	LL02
Rev	

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