IMPORTANT:

Biodiversity enhancements are shown on this landscape plan for outline purposes, for further information regarding the works, specifications and orientations, see Ecologists biodiversity assessment.

- Bat (B) & bird boxes (BB) , 15 of each, see Biodiversity enhancement plan for exact details.
- Bat & bird boxes installed on dwellings and existing/proposed trees on site.
- Hedgehog hotels (HG) in POS area and gaps to garden fences for hedgehog highways.
- Insect hotels in POS area (1 to northern POS & 1 to south western POS).
- Hibernacula in the form an external and buried log piles within POS area (1 to northern POS & 1 to south western POS).

LANDSCAPE SPECIFICATION.

No.	% Mix	Species Name	Pot Size	Height	Density	Specification
EHS Native Trees						
2	Pa	Prunus avium	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks
Standard (selected) Trees						
4	Cm	Crataegus monogyna	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem
4	Ms	Malus sylvestris	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem
3	Sa	Sorbus aria	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem
3	Ag	Alnus glutinosa	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem
Mixed Native Whip						
24	15%	Coylus avellana	B	45 - 60cm	3/m2	Branched, min 3 brks. Planted in groups of 3-5
30	20%	Crataegus monogyna	B	45 - 60cm	3/m2	Transplant 1+1. Planted in groups of 5-10
24	15%	Prunus spinosa	B	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5
30	20%	Fagus sylvatica	B	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5
17	10%	Ilex Aquafolium	B	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5
17	10%	Alnus glutinosa	B	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5
17	10%	Betula pendula	B	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5
Mixed Native Hedge						
20	10%	Coylus avellana	B	60 - 80cm	6linear m	Branched, min 3 brks. Planted in groups of 3-5
75	50%	Crataegus monogyna	B	80 - 100cm	6linear m	Transplant 1+1. Planted in groups of 5-10
20	10%	Prunus spinosa	B	60 - 80cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
20	10%	Rosa canina	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
20	10%	Ilex Aquafolium	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
20	10%	Vibumum opulus	B	45 - 60cm	6linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
Single Species Hedge						
297	Cb	Carpinus betulus	B	1 - 1.2m	7linear m	Leader with laterals, double staggered row
Groundcover Shrubs						
100	Bb	Bergenia 'Bressingham White'	2L	20 - 30cm	5/m2	Bushy, planted in groups of 5-7
85	Cal	Cornus alba	2L	20 - 30cm	3/m2	Bushy, planted to create larger shrub back drop
135	Ea	Euphorbia amygdaloides	2L	20 - 30cm	4/m2	Bushy, planted to create larger shrub back drop
130	Hv	Hebe vernicosa	3L	20 - 30cm	3/m2	Bushy, planted to create larger shrub back drop
35	Hp	Hebe Purple Pixie	3L	20 - 30cm	3/m2	Bushy, planted to create larger shrub back drop
150	La	Lavandula angustifolia	3L	20 - 30cm	4/m2	Bushy, planted in groups of 5-7
115	Ln	Lonicera nitida	3L	20 - 30cm	4/m2	Bushy, planted in groups of 5-7
120	Dp	Digitalis purpurea	2L	20 - 30cm	4/m2	Bushy, planted to create ground cover
145	Ph	Photinia x fraseri 'Red Robin' Hedge	3L	30 - 40cm	3/m2	Bushy, planted to create larger shrub back drop
130	Rc	Rosa Canina	2L	20 - 30cm	3/m2	Bushy, use spiral and cane if required
95	Sa	Sedum autumn joy	3L	20 - 30cm	4/m2	Bushy, planted in groups of 5-7
100	Vd	Vibumum davidi	3L	20 - 30cm	3/m2	Bushy, planted to create larger shrub back drop
130	Vo	Vibumum opulus	3L	45 - 60cm	3/m2	Branched, min 2 brks, 1+1. Planted in groups of 3-5

KEY:

HARD LANDSCAPE SCHEDULE

PROPOSED SITE BOUNDARY:
Proposed buildings. See Edwards Architecture drawings for details.

PROPOSED BAT BOXES:
Proposed bat boxes. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Envance' Ecologist's document for further details.

PROPOSED BIRD BOXES:
Proposed bird boxes. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Envance' Ecologist's document for further details.

PROPOSED HEDGEHOG HOTELS:
Proposed hedgehog hotels. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Envance' Ecologist's document for further details.

PROPOSED HIBERNACULA POINTS:
Proposed hibernacula points. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Envance' Ecologist's document for further details.

PROPOSED INSECT HOTEL:
Proposed insect hotels. Locations and quantities shown as indicative and to be approved by Client, Architect, Ecological consultants and LPA. Install all products as per manufactures and Ecologist specification. See 'Envance' Ecologist's document for further details.

SOFT LANDSCAPE SCHEDULE

EXISTING TREES AND VEGETATION TO BE RETAINED:
Existing trees and vegetation to be retained. Existing trees to be retained. All construction work adjacent to trees to be in accordance with BS 5837:2012 Trees in relation to design, demolition and construction recommendations.

PROPOSED NATIVE, EXTRA HEAVY STANDARD TREE PLANTING:
Native Extra Heavy Standard (EHS) trees to improve bio-diversity, structure and interest through fruit, blossom and autumn colour. 14-16cm girth, total height min 4.25m, tree pit to be 900 x 900mm x depth of root. Double timber stake for support, pit drainage as required. *See specification for species details:*

PROPOSED NATIVE STANDARD (SELECTED) TREES:
Standard (Selected) Trees to improve bio-diversity, structure and interest. Bareroot, 3 - 3.5m height, 1.5m clear stem, tree pit to be 700 x 700mm x depth of root. Double timber stake for support, pit drainage as required. *See specification for species details:*

PROPOSED SINGLE SPECIES HEDGE:
Single species hedge to improve bio-diversity and add instant structure. Use bare root 1 - 1.2m high, planted in double staggered row. *See specification for species details:*

PROPOSED MIXED NATIVE HEDGEROW / WHIP PLANTING:
Mixed native hedge/boundary whip planting to improve bio-diversity, create a dense buffer while creating new habitats for wildlife and softening boundaries. Comprising of feathered whips 0.45-1m high, bare rooted. Planted in double staggered row, single species groups of 5 -10. All plants to have shelters and canes for rabbit protection. To include evergreen species. *See specification for species details and numbers:*

PROPOSED ORNAMENTAL SHRUB PLANTING: (WITH WILDFLOWER, SEE BELOW)
Low maintenance, low growing shrub planting to provide all year interest, colour and structure while improving bio-diversity. Species selected for their habitat creation, aesthetic quality and sensory attributes including smell, colour and texture. To include natives, evergreens, perennials and ornamental grasses. More ornamental species to the center of the site including private spaces and the street scene. Native larger species used to soften borders and boundaries. Plant at 3.5plants per/m2.*See Landscape specification details.*

PROPOSED WILDFLOWER SEED MIX, INCLUDES TO FRONT GARDENS WITH ORNAMENTAL SHRUBS:
Low maintenance grass and wildflower seed mix to support existing retained grasslands and woodland at the boundaries, create semi-natural public open spaces and improve habitat creation. Emorsgate Seeds EM3 Seed mix ideal for country parks, nature reserves and public open spaces to soften edges and assist in integrating the proposals into the wider landscape.

PROPOSED NATIVE WHIP PLANTING:
Native whip to create a dense woodland buffers while improving bio-diversity and habitat creation. Comprising of feathered whips 0.45-1m high, bare rooted, includes evergreens planted at 3/m2. All whips to have shelters and canes for rabbit protection.

REAR GARDENS TO BE ROTAVATED:
All plot rear gardens to be rotavated to make topsoil smooth surface that can be worked in preparation for owners own turf/grass seed.

LOW MAINTENANCE TURF:
Hard wearing, slow growing, drought tolerant, low maintenance turf. Use Rolawn, *Medallion*. Tel: 0845 604 6050. Or similar to be approved.

PLANTING, TREE PLANTING & DRAWING NOTES:

As per Consulting Civil & Structural Engineer advice/specifiction; "All proposed trees centred in a location within 3.0m of the prospectively adoptable highway, root barriers membranes are to be installed on the tree side along the back edge of the highway boundary and are to extend a minimum of 3.0m in each direction from a point taken perpendicular from the tree trunk to the highway boundary. Root barriers are to extend to a minimum depth of 1000m".

As per the LPA planning condition, all out of curtilage planting, seeding or turfing comprised in this drawing and the approved landscape drawing (Outline Landscape Proposals MR22-007/101 Rev D) shall be carried out in full in the first available planting season and/or as each series of plots and/or each individual plot becomes available. Upon commencement of site development and thereafter the landscaping shall be carried out/installed in accordance with these approved details and timescales.

All associated tree works are to be carried out by competent professionals with experience in landscape and tree works. All tree works to be carried out in accordance with British Standard 3998.

All landscape works to be carried out in accordance with Landscape Specification shown.

All planting implementation to be carried out in the first planting season unless an alternative phasing scheme has been approved by the Local Authority.

All plant material to be supplied in accordance with HTA National Plant Specification and Nursery Certification Scheme.

Use only hand tools in existing tree root protection areas.

No works to trees or shrubs shall be undertaken during the main birds nesting season unless a pre-commencement survey by a suitably experienced ecologist demonstrates that no actively nesting birds would be impacted by such works.

All construction work adjacent to trees to be in accordance with BS 5837: 2012 Trees in relation to design, demolition and construction recommendations. Fencing should be erected prior to the commencement of works on site and stay erected until the completion of agreed works. No machine works to be carried out within the Root Protection Areas, including no mechanical rotavation.

Areas to be used for structural planting to be protected during course of works to ensure a successful planting soil condition and structure, use tree protection fencing in accordance with BS5837.

Topsoil depth to new shrub planting areas minimum 300mm, topsoil depth to new lawns and wildflower areas minimum 100mm. Soil build up to BS8601 2013 and subsoil BS 3882:2015, topsoil not to exceed 300mm, subsoil to be approx 450mm depth for grass area, 600mm for shrubs and 900mm depth for trees. New planting areas to be de-compacted if required before planting, all to provide a suitable growing conditions.

All EHS tree pits to be minimum 900mm x 900mm x depth of root base. Allow for double timber stake and pit drainage as required. All trees must have there root packaging specified, rootball and/or container grown only. No bare-root to be used. Each tree to have an irrigation tube with cap unless it forms part of a naturalistic woodland type area.

Ensure 1.5m diameter bark mulch circle to all trees in grass. Also incorporate onto all planting and hedges.

All planting areas to be maintained weed free and watered at appropriate / necessary periods during establishment of plants.

Following planting, incorporate onto all planting and hedges, 75mm depth ornamental grade bark mulch and/or use matting system to hedges, for example sheep's wool, cardboard, fabric mulches like hemp.

All trees and hedges to use bio-degradable tree tubes, ties and straps, use 'Green Tech' products. Spirals and guards to protect against mower on each tree/whip.

If within a period of five years from the date of the planting of any tree/hedge/shrub that tree/hedge/shrub, or any replacement, is removed, uprooted or destroyed or dies, or becomes, in the opinion of the Local Planning Authority, seriously damaged or defective, another tree/hedge/shrub of the same species and size as that originally planted shall be planted in the same location as soon as reasonably possible and no later than the first available planting season, unless otherwise agreed in writing by the Local Planning Authority.

SCALE
0m 5m 10m 15m 20m 25m
N

□□□REVISIONS

REV A	09 / 09 / 22	TL	MB

BIO ENCHANTMENT NUMBERS UPDATED TO COORDINATE WITH ECOLOGY PLAN.

REV B	28 / 11 / 22	TL	MB

AS PER ENGINEER ADVICE/EMAIL, TREE BARRIER SPECIFICATION, DETAILS AND NOTE ADDED TO NOTES' UNDER THE KEY.

REV C	17 / 01 / 23	TL	MB

2x PROPOSED TREES REPOSITIONED AWAY FROM HIGHWAY TO OMIT ROOT BARRIERS BEING REQUIRED, AS REQUESTED/INSTRUCTED BY CLIENT & LPA.

FOR COMMENT

□PROJECT: HIGH STREET, SHAFTON
□SCALE: 1 / 250 @ A0
□DATE: 24 / 08 / 2022
□TITLE: SOFT LANDSCAPE SPECIFICATION
□DRAWN BY: DM
□REVIEWED: TL
□DRAWING NO: MR22-007/102
□REVISION: C

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