

ARBTECH

Landscaping and Planting Plans

Land to the rear of John Turner Phormiums, Barnham, Bognor Regis, West Sussex PO22 0AE

Stuart Lyons Haulage

Status	Issue	Name	Date
Draft	1	Natalie Evans BA (Hons), MA, MRSB	28/02/17
Reviewed	1.1	Chris Formaggia BSc (Joint Hons) CBiol CEnv MCIEM MRBS VR - Principal	01/03/2017
Final v1	1.2	Natalie Evans BA (Hons), MA, MRSB	02/03/17

Arbtech Consultant's Contact details:

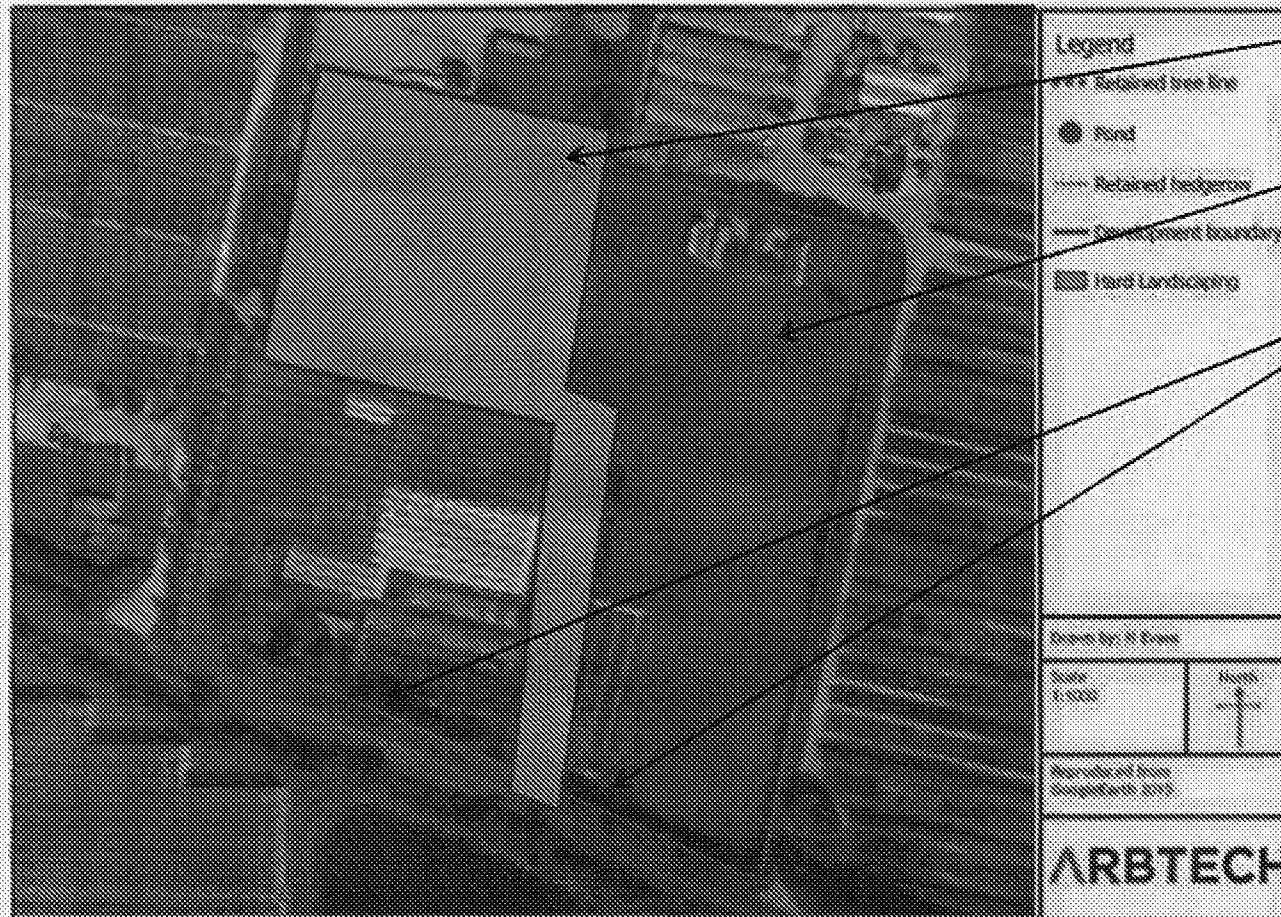
Natalie Evans MA, MRSB
Consultant



The recommendations made within this report are aimed at discharging the following planning conditions:

- No part of the development shall be first occupied unless and until there has been submitted to, and approved by, the Local Planning Authority, a landscaping scheme in respect of the proposed HGV parking site which includes details of hard and soft landscaping and details of existing trees and hedgerows to be retained, together with measures for their protection during the course of the development. The approved details of the landscaping shall be carried out in the first planting and seeding season, following the occupation of the proposed operating centre or the completion of the development, whichever is the sooner, and any trees or plants which, within a period of five years from the completion of development, die, are removed or become seriously damaged or diseased, shall be replaced in the next planting season with others of similar size and species, unless the Local Planning Authority gives written consent to any variation.
- No part of the development shall be first occupied unless and until there has been submitted to, and approved by, the Local Planning Authority, a separate landscaping scheme in respect of enhancing the existing planting along the southern boundary of the existing Lake Lane Nurseries site (the consolidation centre) in order to provide additional noise mitigation. The approved details of the landscaping shall be carried out in the first planting and seeding season, following the occupation of the proposed operating site or the completion of the development, whichever is the sooner, and any trees or plants which, within a period of five years from the completion of development, die, are removed or become seriously damaged or diseased, shall be replaced in the next planting season with others of similar size and species, unless the Local Planning Authority gives written consent to any variation.

Plan 1 – proposed hard and soft landscaping, existing trees and hedgerows to be retained



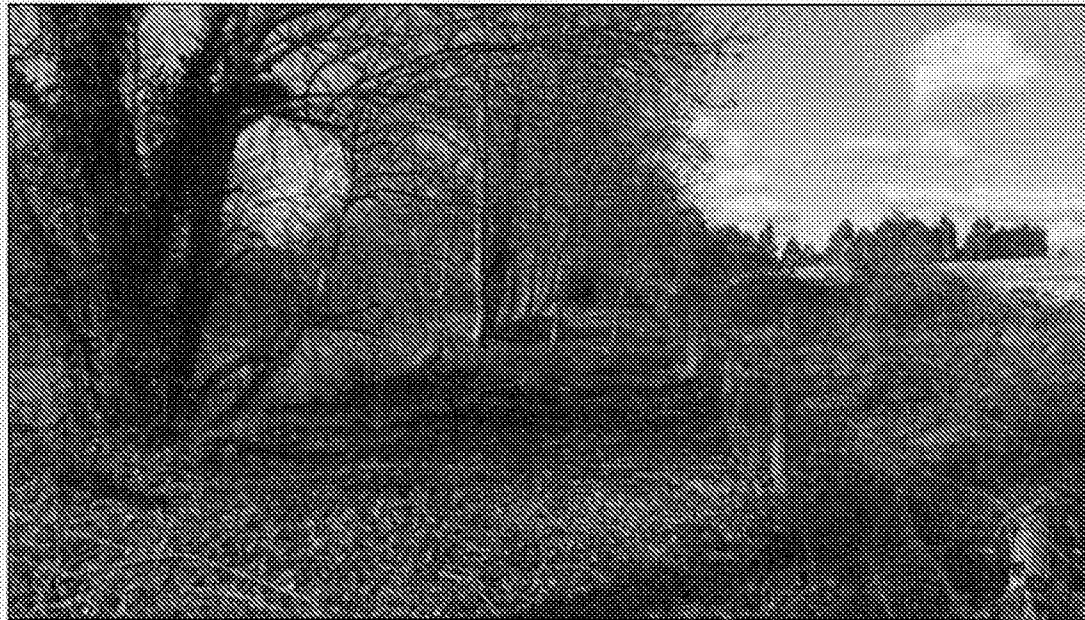
Hard landscaping within red line development boundary.

Retained grassland.

Retained hedgerow – location of bird and bat boxes as specified in mitigation and enhancements plan. The hedgerow will be improved by planting additional hazel and hawthorn in sparse areas. Only the specified area of the hedgerow will be removed to create access, there will be no further impact from the development on retained hedgerows.

Details of hedgerow enhancement along Lake Lane

South east of the new access road, the hedgerow becomes thin and patchy and is predominantly composed of alder trees. This stretch can be improved by planting native hedgerow species which will include hawthorn *Crataegus monogyna*, hazel *Corylus avellana*, and blackthorn *Prunus spinosa*. The photograph below shows the boundary tree line at the south east end, facing north west.



Planting guidelines:

Hedging plants should be supplied as 'whips' or 'transplants' 20-40cm or 40-60cm tall and bare-rooted.

Either notch plant in to weed free ground or in to a 1m wide strip cultivated to a depth of approx. 400mm.

Plants must be kept covered, with roots moist, at all times before planting, and should be watered in.

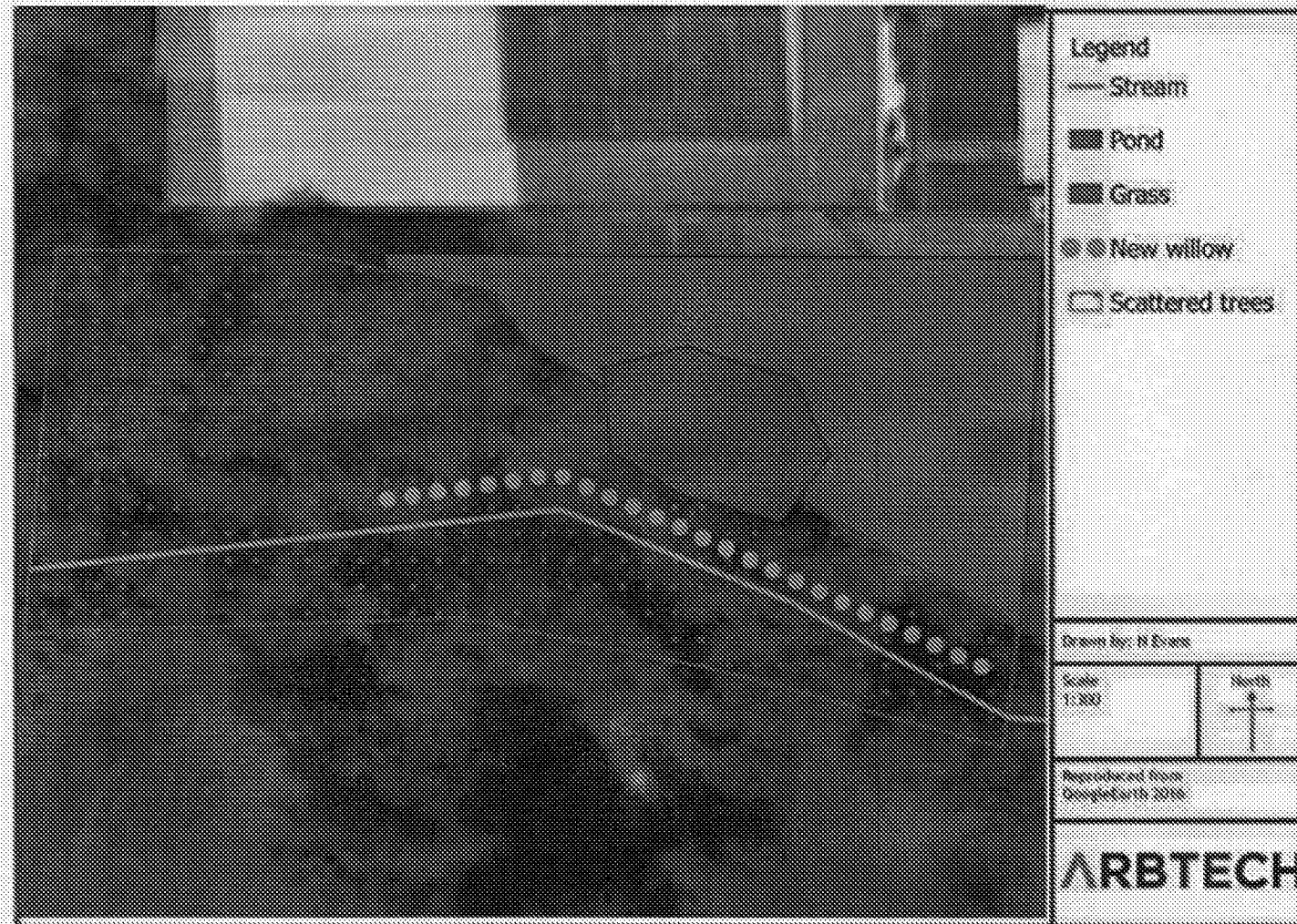
Plant whips with approx. 300mm between plants (5-6 plants per linear metre). The planting season is October-March, although December-February is optimal.

Protect with stock, deer and/or rabbit fencing or with guards as appropriate.

Mulch with organic matter to suppress weeds and retain moisture.

As per the planning condition: 'The approved details of the landscaping shall be carried out in the first planting and seeding season, following the occupation of the proposed operating centre or the completion of the development, whichever is the sooner, and any trees or plants which, within a period of five years from the completion of development, die, are removed or become seriously damaged or diseased, shall be replaced in the next planting season with others of similar size and species, unless the Local Planning Authority gives written consent to any variation.'

Additional planting plan for Stuart Lyons Haulage Depot for noise mitigation:



Planting specifications:

Crack willow *Salix fragilis* will be planted along an approx. 40m stretch of land running alongside the stream at the southern boundary of the Stuart Lyons Haulage site. There are already scattered trees present, and the additional willow planting is intended to create an improved noise barrier.

Cuttings will be planted where gaps of 1m² are present in gaps between existing trees.

A minimum of ten new trees will be planted along the stream bank and within the existing scattered trees.

Weed the ground prior to planting.

Plant willow cuttings and water-in.

Planting should take place in March for optimal growth.



Area of scattered trees along the stream where new willow planting will provide noise mitigation. Dense tall ruderals should be removed prior to planting.



Stream and banks.



Stream feeding into pond surrounded by scattered trees.

As per the planning condition: 'The approved details of the landscaping shall be carried out in the first planting and seeding season, following the occupation of the proposed operating centre or the completion of the development, whichever is the sooner, and any trees or plants which, within a period of five years from the completion of development, die, are removed or become seriously damaged or diseased, shall be replaced in the next planting season with others of similar size and species, unless the Local Planning Authority gives written consent to any variation.'