

Ecological Design Strategy

BE-1220-03C

Pentlands, New Mill Road, Holmfirth, West
Yorkshire HD9 7LN



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CONTENTS

1.	SCOPE OF REPORT.....	4
2.	TREE PLANTING	4
3.	SOURCING OF TREES AND SHRUBS	4
4.	AFTERCARE	4
5.	LAWN	5
6.	HEDGEHOG ACCESS HOLES.....	5

1. Scope of Report

David Watts Associates Ltd have been instructed on behalf of Priestroyd Construction Ltd to produce an Ecological Design Strategy relating to a proposed development at Pentlands, New Mill Road, Holmfirth, West Yorkshire, HD9 7LN

The report contains details regarding planting to ensure that the ecological value of the site is enhanced upon completion of the development proposals.

A plan showing the proposed mitigation can be viewed in [Appendix 1: Ecological Enhancement Plan](#).

2. Tree Planting

Fifteen trees are to be included in the development proposals. These include:

- 2 pedunculate oak (*Quercus robur*)
- 2 silver birch (*Betula pendula*)
- 6 rowan (*Sorbus aucuparia*)
- 5 Crab apple (*Malus 'Evereste'*)

Trees should be heavy standard in size.

Planting must be carried out in accordance with British Standards (2014)¹. Trees will be supported by a stake, affixed to the stem with a biodegradable tie. Vegetation will be removed in a 1 m radius around tree stems, and an organic woodchip mulch will be applied within this area.

3. Sourcing of Trees and Shrubs

All trees and shrubs must be sourced from a reputable plant nursery. In the interests of biosecurity, trees and shrubs should ideally be grown from seed within the UK. If this is not possible to source, trees and shrubs must have been grown within the UK for at least one year after import.

4. Aftercare

Aftercare of all trees will be required for a period of five years. Aftercare must include watering during the summer months, and where necessary, formative pruning, readjustment/removal of cable ties and reapplication of mulch.

If any trees have failed to establish within this period then they must be replaced. Further advice from a consultant ecologist and/or arboriculturist may be required to establish the cause of mortality.

¹ British Standards (2014). *BS845: 2014 – Trees: From Nursery to Independence in the Landscape*. British Standards Institute, London

5. Lawn

It is recommended that a species rich grass seed mix is used for the lawn area. A suitable grass seed mix is EM1: General purpose Grass Seed Mix.

6. Hedgehog Access Holes

To maintain terrestrial connectivity for hedgehogs (*Erinaceous europaeus*), the installation of hedgehog access holes into boundary fences is recommended. A total of 18 hedgehog access holes will be required to facilitate connectivity both within and to and from the site.

Hedgehog holes will be 15x15 cm in size and will be cut into the bottom of the fence panels. These will be reinforced with hedgehog eco plates (see Figure 1 below) to increase the longevity of fence panels and to discourage residents from blocking them.



Figure 1: Hedgehog access panels

Appendix 1: Ecological Enhancement Plan

Glen View



PROPOSED
ACCESS POINT

RETAINED
AMENITY SPACE

1c

PROPOSED A FIRST FLOOR
PERMANENTLY CLOSED
DOORWAY

183.5m

6a

9

Key:	
	Pedunculate oak (<i>Quercus robur</i>)
	Silver birch (<i>Betula pendula</i>)
	Crab apple (<i>Malus 'Evereste'</i>)
	Rowan (<i>Sorbus aucuparia</i>)
	Mown grass
	Schwegler 1FF bat box
	Hedgehog access

Drawing title:	Ecological Enhancement Plan
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