



LIZARD
Landscape Design and Ecology

RYAN SMITH

LAND ADJACENT TO 112 BRIGHTON ROAD
Horsham

Landscape Design Strategy

Prepared by:	GL
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CONTENTS

1.0	INTRODUCTION	3
2.0	EXISTING SITE INFORMATION.....	5
3.0	DEVELOPMENT PROPOSAL	7
4.0	PROPOSED LANDSCAPE SCHEME.....	7

1.0 INTRODUCTION

General

- 1.1 Lizard Landscape Design and Ecology has been commissioned by Ryan Smith to develop a Landscape Design Strategy for Land Adjacent to 112 Brighton Road at 112 Brighton Road, Horsham.
- 1.2 The Landscape Design Strategy explains the design intent and objectives of the proposed landscape scheme and provides the outline planting palette and nursery stock specification considered appropriate and beneficial for the proposed scheme.
- 1.3 The design strategy was informed by desk study and a site visit undertaken in Dec 2022 to appraise existing features on Site and the surrounding area.
- 1.4 The Landscape Design Strategy for the development at 112 Brighton Road has been prepared by Gareth Lidgate (Assistant Landscape Architect) at Lizard Landscape Design and Ecology, Worthing.



Legend

 Site Boundary

Figure 1. Landscape Context





Photograph A - A view from Brighton Road into Smugglers Mews. With the highly vegetated Site to the left.



Photograph B - View from across Athelstan Way looking north west towards the Site.



Photograph C - View of the western Site boundary from Smugglers Mews.



Photograph D - View of the interior of the Site vegetation from the south.



Photograph E - View of the brick retaining wall from within the existing garden to 112 Brighton Road, with treeline of the Site beyond.

2.0 EXISTING SITE INFORMATION

The site

- 2.1 The development site (referred to as the Site) encompasses vegetated parcel of land located to the north east of 112 Brighton Road, Horsham, West Sussex (Grid Reference: TQ181299).
- 2.2 The topography within the Site is sloping down towards the north west; the surface levels range from approx. 99.8 m aOD to the immediate north east of the Site to approx. 101.5 m aOD to the southern end of the Site.
- 2.3 The Site is located adjacent to 112 Brighton Road to the northern end of Athelstan Road, to the south east outskirts of Horsham. 112 Brighton Road is itself accessed from Smugglers Mews, which is a gated driveway to 7 no. dwellings. Smugglers mews is accessed directly from the A281 (Brighton Road) to the north.



Photograph F - Native boundary treatment to Smugglers Way parking areas, to the west of the Site.



Photograph G - Google Street capture of the view across the A281 north towards Bennett's Field.



Photograph H - Google Street capture of the planted fenceline to the southern end of the Site, on Athelstan Way.

Existing Vegetation

- 2.4 The Site is currently comprising of largely dense vegetation with low ecological and landscape value. Cherry laurel (*Prunus laurocerasus*), has dominated the site, with low shrubs and bramble to the southern fenceline, and ornamental shrubs lining the western Site boundary with Smugglers Mews. A patch of some native shrubs and scrub of notable size dominate the northern end of the Site.
- 2.5 There are several young self-seeded *Prunus sp.* in poor condition, 6 no. young, self-seeded ash (*Fraxinus excelsior*) to the southern fenceline. To the western Site boundary there is a line of *Cupressus sp.*, facing the property of 112 Brighton Road. The largest tree on site is a mature, Scots pine (*Pinus sylvestris*), with a notable lean towards the road.
- 2.6 For further details, including the condition of the existing vegetation on Site, refer to *Arboricultural Impact Assessment* (Lizard landscape Design & Ecology).

Surrounding Landscape

- 2.7 Immediately adjacent to the Site on a grassy verge running the entirety of the Site boundary to Athelstan Way are 2 no. mature *Prunus sp.* Beyond, to the eastern side of Athelstan Road are tidy front gardens with lawns and ornamental planting areas.
- 2.8 To the west of the Site bordering Smugglers Mews and the rear garden to 110 Brighton Road, boundary vegetation is largely native and consisting of native single species hedgerows and trees.
- 2.9 Opposite the Site to the northern side of Brighton Road lies the ornamental planting areas to the southern boundary of Bennett's Field. Consisting of low shrubs and young trees, with a backdrop of the mature trees of Bennett's Field beyond.
- 2.10 A closeboarded timber fenceline continues the eastern Site boundary line south on Athelstan Road. The fenceline has a planting strip running its length with ornamental shrubs and perennials.

3.0 DEVELOPMENT PROPOSAL

- 3.1 The development proposals consist of the clearing of all vegetation on Site, and to convert it into an extension of the existing garden of 112 Brighton Road.

4.0 PROPOSED LANDSCAPE SCHEME

Strategic Objectives

- 4.1 The proposed Landscape Design Strategy has been informed by a desk study encompassing specialist reports informing the development proposals as well as by the Site visit carried out in Dec 2022.
- 4.2 The primary objectives of the proposed Landscape Design Strategy are to increase the ecological and landscape value of the Site. This is envisaged to be achieved by:
- Appropriate boundary treatment to the Site through the continuation of the adjacent planted fenceline to the south to continue around the perimeter of the Site;
 - To mitigate for the loss of existing trees and vegetation on site through the planting of new trees and shrubs of a native cultivar, in order for the resulting soft landscape scheme to exhibit higher vitality and ecological value than existing.
 - Supporting local wildlife and improving the ecological value of the Site by planting native and ornamental species, including berrying, fruiting and pollinating species offering opportunities for foraging, shelter and habitat creation;
 - Landscape design solutions which would filter and soften views into the Site, whilst allowing casual surveillance from 112 Brighton Road.
- 4.3 For detailed arboricultural impact assessment refer to *LLD2779-ARB-REP-001 - Arboricultural Impact Assessment* by Lizard Landscape Design and Ecology.

Layout

- 4.4 The landscape scheme will be confined to within the land adjacent to 112 Brighton Road. It is proposed that the existing boundary treatment with the retaining walls and closeboarded fencing would be retained as reasonable practicable, subject to their technical condition and soundness.
- 4.5 Means of access to the site would be provided from the existing rear garden and parking area to 112 Brighton Road through steps and gated access, providing a sense of enclosure and security.
- 4.6 A 1.8 m height timber closeboarded fence and native mixed species hedgerow would provide boundary treatment to the Site. With a length of single species native hedgerow to the Site interior where there is a proposed timber gated entrance from the existing parking area.
- 4.7 A flowering lawn of native pollinating species would be proposed for the garden lawn. To be surrounded by an ornamental planting area adding interest and softening the Site boundary.
- 4.8 Planting with larger vertical dimensions would be situated towards the end of the garden, to filter views and provide privacy.



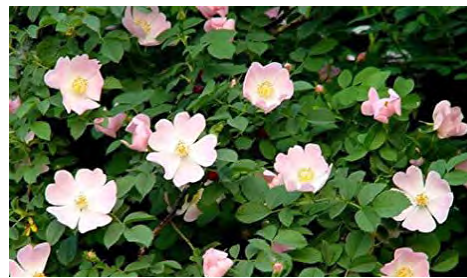
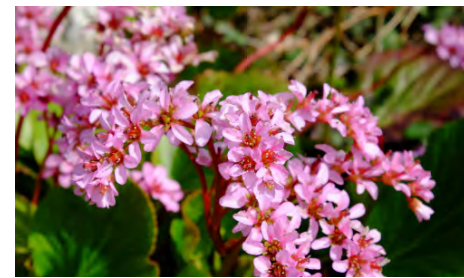
Legend

- Site Boundary**
- Existing - Trees**
Existing mature trees to be retained and protected in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.
- Existing - Timber Fences**
- Existing - Section of Timber Fencing to be Removed**
- Proposed - Timber Closeboarded Fences**
To be 1.8 m height.
- Proposed - Timber Round Pallisade Fencing**
To be 1.15 m height. With gate to match.
- Proposed - Natural Stone Paving**
- Proposed - Timber Board Steps**
To match existing retaining wall board facade.
- Proposed - Brick Steps**
To match existing brick wall.
- Proposed - Native Trees**
- Proposed - Native Multi-Species Hedgerows**
- Proposed - Native Single-Species Hedgerows**
- Proposed - Native / Ornamental Planting Areas**
- Proposed - Native Woodland Understorey Planting Areas**
- Proposed - Flowering Lawn**

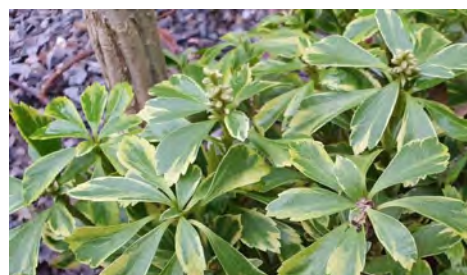
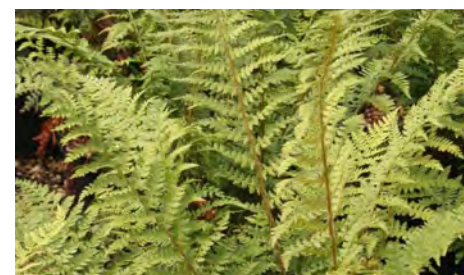
Figure 2. Proposed Site Layout



Native mixed-species hedgerow

*Prunus avium**Sorbus aria*Native Single Species Hedgerow -
Ligustrum Vulgare*Rosa canina**Cornus sanguinea**Lavandula angustifolia*

Native Flowering Lawn

*Salvia pratensis**Bergenia 'Silberlicht'**Pachysandra terminalis 'Variegata'**Tiarella 'Pink Skyrocket' (PBR)**Polystichum setiferum*

Soft Landscape

- 4.9 The emerging soft landscape scheme would assume a multi-level vertical structure offering opportunities for landscape enhancement, growing ornamental native plants and delivering wildlife value.
- 4.10 The Site would be developed as a native garden, offering multi-sensory interest throughout the year. The garden would include a large central flowering lawn area as well as woody and herbaceous planting selected and composed to deliver lasting aesthetic experience and contribute to the ecological harmony with the suburban / rural fringe setting.
- 4.11 A native mixed-species hedgerow is proposed as boundary treatment with adjacent Athelstan Way to the east, Brighton Road and the approach to Smugglers Mews to the north. This would offer the sense of privacy, security, soften the appearance of the timber fencing, and provide shelter and foraging opportunities for local wildlife.
- 4.12 Planting of taller species, including shrubs and trees, to the northern boundary will minimise the risk of overlooking into the garden from the public realm and will provide further habitat opportunities through the selection of fruiting and berrying species attractive to birds and pollinators.
- 4.13 Attractive low maintenance shade-tolerant evergreen planting to the planting strip adjacent to Smugglers Mews would provide visual interest and a sense of arrival.
- 4.14 Ornamental planting to the borders encircling the lawn would provide visual interest, a softening of the fencing to the eastern boundary and to soften the transition between the native hedgerow, understorey shrub planting and the flowering lawn.

Group	Species Name	Origins	Container	Density	Height
Trees	<i>Sorbus torminalis</i>	N	RB	Specimen	Height: 350-400 cm, Heavy Standard Stock, Girth: 12-14 cm.
	<i>Sorbus aria</i>	N			
	<i>Prunus avium</i>	N			
Hedgerows	<i>Crataegus monogyna</i>	N	BR	Double staggered rows, 0.4 m apart; 0.4 m c/c	60 - 80 cm
	<i>Cornus sanguinea</i>	N			
	<i>Ligustrum Vulgare</i>	N			
	<i>Rosa canina</i>	N			
	<i>Ilex aquifolium</i>	N			
Native Understorey Shrubs	<i>Prunus spinosa</i>	N	BR	1/m²	60 - 80 cm
	<i>Cornus sanguinea</i>	N			
	<i>Rosa canina</i>	N			
	<i>Sambucus nigra</i>	N			
Shrubs	<i>Corylus avellana</i>	N	BR	Specimen	60 - 90 cm
	<i>Daphne laureola</i>	N	C2	Specimen	30 - 40 cm
	<i>Daphne odora</i> 'Aureomarginata'		C2	Specimen	30 - 40 cm
	<i>Hydrangea arborescens</i> 'Annabelle'		C3	Specimen	40 - 60 cm
	<i>Lavandula angustifolia</i>		C2	3/m² and as specimen	20 - 30 cm
	<i>Osmanthus x burkwoodii</i>		C5	Specimen	40 - 60 cm
	<i>Ruscus aculeatus</i>	N	C3	3/m²	30 - 40 cm
	<i>Viburnum x burkwoodii</i>		C5	Specimen	60 - 80 cm
Herbaceous Perennials	<i>Acanthus spinosus</i>		C3	1/m²	Herbaceous perennials to fill pot entirely, be fully rooted and present healthy growth
	<i>Anemone nemorosa</i>	N	Rhizomes or seeded	7/m²	
	<i>Bergenia</i> 'Silberlicht'		C2	5/m²	
	<i>Echinacea purpurea</i>		C2	5/m²	
	<i>Tiarella</i> 'Pink Skyrocket' (PBR)		C2	5/m²	
	<i>Helleborus niger</i>		C2	5/m²	
	<i>Libertia grandiflora</i>		C2	5/m²	
	<i>Myosotis sylvatica</i>	N	P9 or seeded	5/m²	
	<i>Rudbeckia fulgida</i>		C2	5/m²	
	<i>Saxifraga x urbium</i>		P9	7/m²	
	<i>Salvia pratensis</i>	N	C2	5/m²	
	<i>Pachysandra terminalis</i> 'Variegata'		C2	3/m²	
	<i>Sedum telephium</i> , <i>S. spectabile</i>		C2	5/m²	
Bulbous Perennials	<i>Allium</i> - ornamental varieties		Bulb - 4/5	7/m²	Healthy bulbs
	<i>Hyacinthoides non-scripta</i>	N	Bulb - 6/7	7/m²	
Ornamental Grasses	<i>Carex pendula</i>	N	C2	Specimen	Full pot, fully rooted, healthy
	<i>Deschampsia cespitosa</i>		C2	5/m²	
	<i>Luzula sylvatica</i>	N	C2	5/m²	
Ferns	<i>Asplenium (Phyllitis) scolopendrium</i>		C2		Full pot, fully rooted, healthy
	<i>Polystichum setiferum</i>	N	C2		
Flowering lawn	Flowering Lawn Mixture EL1	N	N/A	4 g/ m²	N/A

Outline Plant Schedule and Specification

4.15 The soft landscape design proposals have been informed by feature species recommended in RHS ‘*Perfect for Pollinators*’.

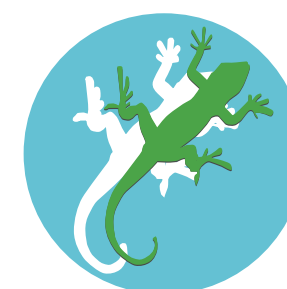
KEY:

- BRBare Rooted Stock
- RBRoot Ball Stock
- C2/3/52/3/5 l Container Grown Stock
- P99 cm Square Pot Grown Stock



Hard Landscape

- 4.16 Boundary treatment for the proposed garden would be 1.8 m height timber closeboarded fencing to provide immediate security and privacy. The boundary gate and matching fencing from the resident parking area would be 1.15 m height rounded palisade picket fencing and would be backed by a single species native hedgerow with a combined function to soften this section of boundary treatment, allowing a view into the garden, encouraging access.
- 4.17 Timber board steps would be proposed to the parking area garden entrance, to match existing facing timber board retaining wall materials treatment. The existing timber board retaining wall would be retained and continued to the sides of the stair set. The Number of steps and individual rise would be determined by level change.
- 4.18 Brick steps would match adjacent existing brick retaining wall. The existing retaining wall would be extended to continue along the flight of steps. The Number of steps and individual rise would be determined by level change, a balustrade would be proposed for safe use.
- 4.19 To the entrance to the garden from the residential parking area, two half barrel planters, a nod to the site's smuggler history, would be placed upon plinths of natural stone pavers to match the adjacent existing retaining wall 'coping' material.



LIZARD

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The Old Bank, 34 South Street, Tarring, Worthing, West Sussex, BN14 7LH
T. 01903 216033 E. lizard.landscape@btconnect.com W. lizardlandscapeecology.com