





November 2021

Land North West of Goring Railway Station, Goring-by-the Sea, Worthing, West Sussex

Appendices to the Proof of Evidence

Prepared by
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Des)

in respect of: Landscape Matters

LPA Ref: AWDM/1264/20 Pins ref: APP/M3835/W/21/3281813

> on behalf of: Persimmon Homes Report No: CSA/2304/10

Report Reference	Revision	Date	Prepared by	Approved by	Comments
CSA/2304/10	-	26/11/2021	AM	CS	Draft
CSA/2304/10	Α	03/12/2021	AM	CS	









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Appendix F: Extract from South Downs National Park: View Characterisation and Analysis- November 2015

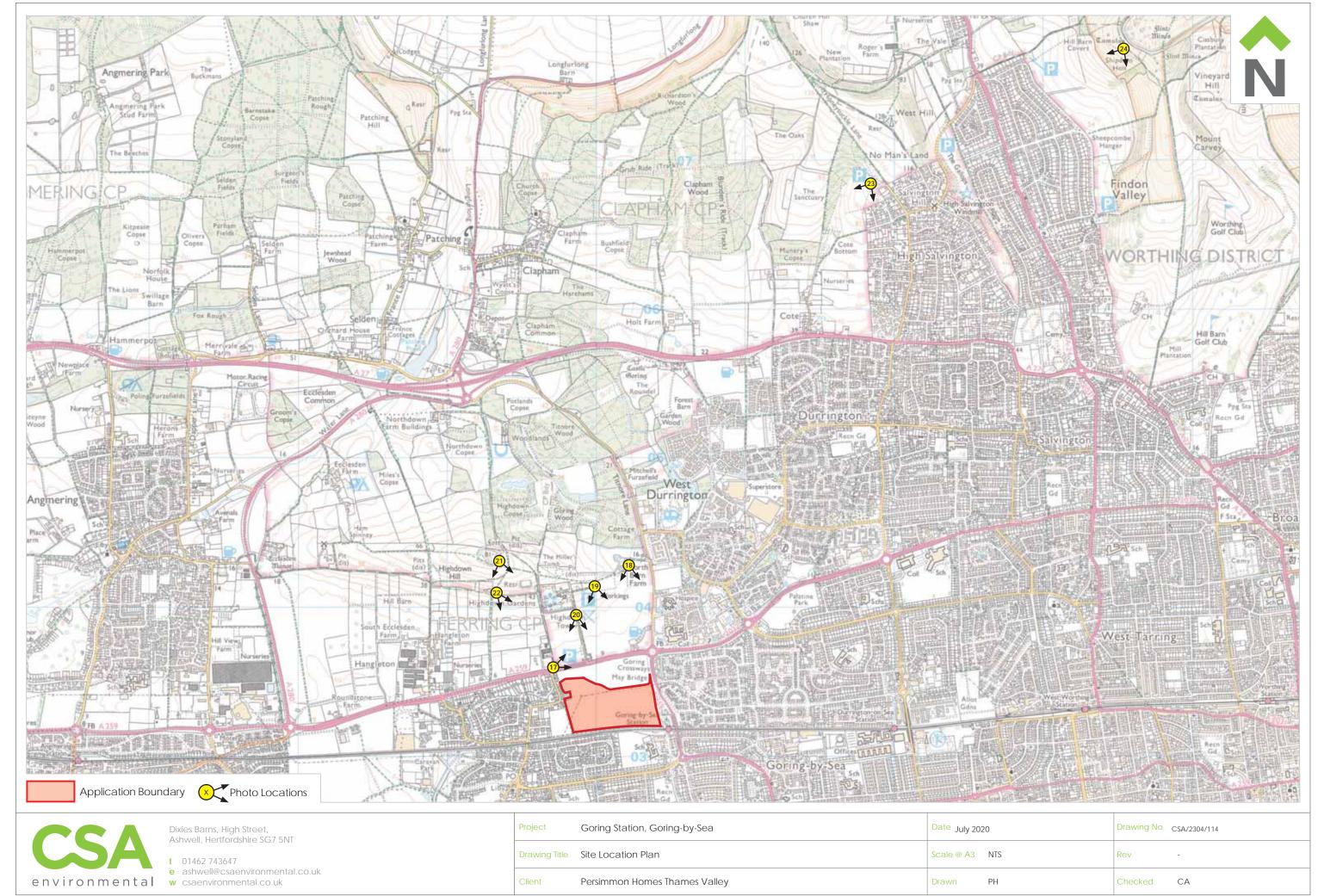
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Appendix ASite Location Plan



Appendix B Aerial Photograph



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Project	Goring Station, Goring-by-Sea	Date	July 2020	Drawing No.	CSA/2304/115
Drawing Title	Aerial Photograph	Scale @ A3	NTS	Rev	-
Client	Persimmon Homes Thames Valley	Drawn	РН	Checked	CA

Appendix CPhotosheets



Photograph 01 View from public footpath 2121 within Site, looking north west



Photograph 02 View from public footpath 2121 within Site, looking north





Photograph 03 View from north eastern corner of Site looking west, along Ferring Rife

HighdownRegistered Park and Garden and Conservation Area



Photograph 04 View from north eastern corner of Site, looking north



Ferring Rife



Photograph 05

View from from pedestrain crossing at Goring Station

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 14:19
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: north west





Photograph 06

View from cycle path alongside eastern Site boundary

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 15:22
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south



Flatted development at Bluebell Way



Photograph 07 View from junction of The Strand and Goring Street

Visualisation Type 1
Cylindrical projection
48% @ A3, 96% @ A1
02.07.2020, 15:15
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 70°
Looking direction: south west



- Approximate extent of Site-

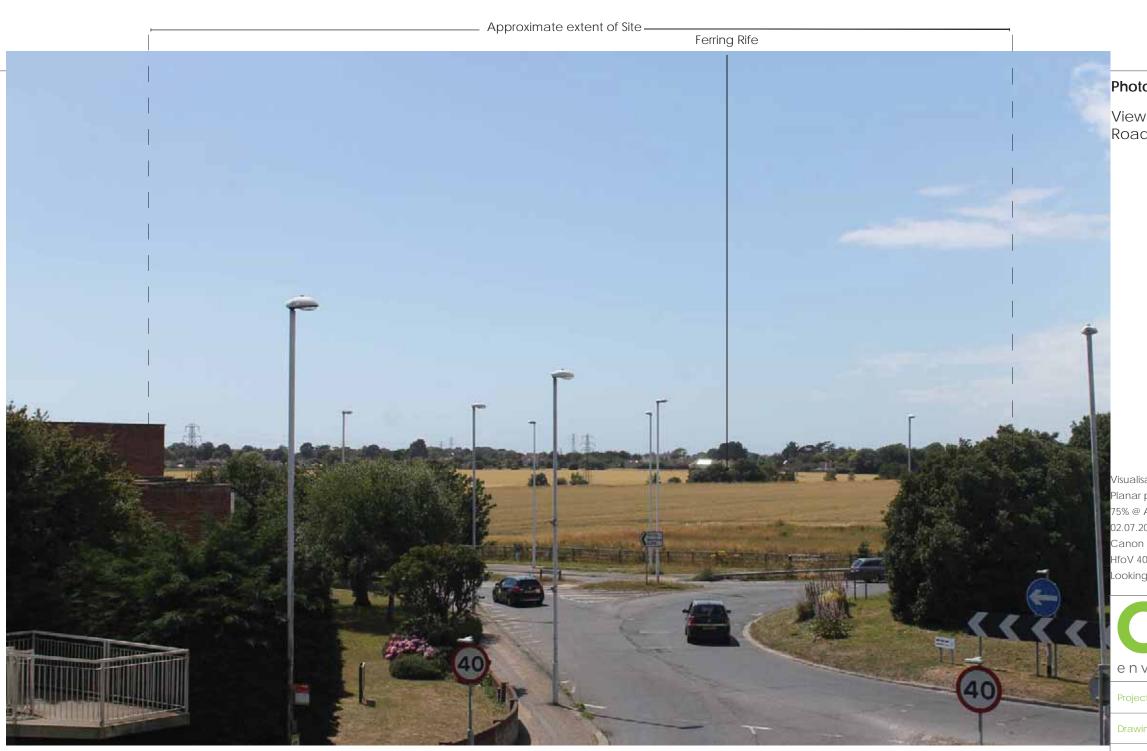


Photograph 08

View south from Goring Street

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 15:11
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south





Photograph 09

View from footbridge over A2032 - Littlehampton

Visualisation Type 1

Planar projection 75% @ A3, 150% @ A1

02.07.2020, 15:09

Canon xx00D 1.6x, Canon EF-S 18-55mm

Looking direction: south west



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Land North West of Drawing No. CSA/2304/116 Goring Station

Drawing Title Photosheets Date July 2020

Persimmon Homes, Thames Valley

Drawn PH Checked CA Rev



Photograph 10 View from footway alongside Goring Street and A259 - Littlehampton Road roundabout junction

Visualisation Type 1
Cylindrical projection
48% @ A3, 96% @ A1
02.07.2020, 15:06
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 90°
Looking direction: south west





Photograph 11 View from A259 - Littlehampton Road

Visualisation Type 1
Cylindrical projection
48% @ A3, 96% @ A1
02.07.2020, 15:00
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 90°
Looking direction: south





View from A259 - Littlehampton Road looking south



Approximate extent of Site ——



Photograph 13

View from Ferring Lane at junction with public footpath 2121_1

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 14:46
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south east



Approximate extent of Site —



Photograph 14

View from Green Park

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 14:39
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: east





Panorama 15 For context only



Photograph 15

View from public footpath 2121

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 14:35
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: north east



Approximate extent of Site —



Panorama 16 For context only



Photograph 16

View from Goring Street

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 15:27
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: north west



Approximate extent of Site —

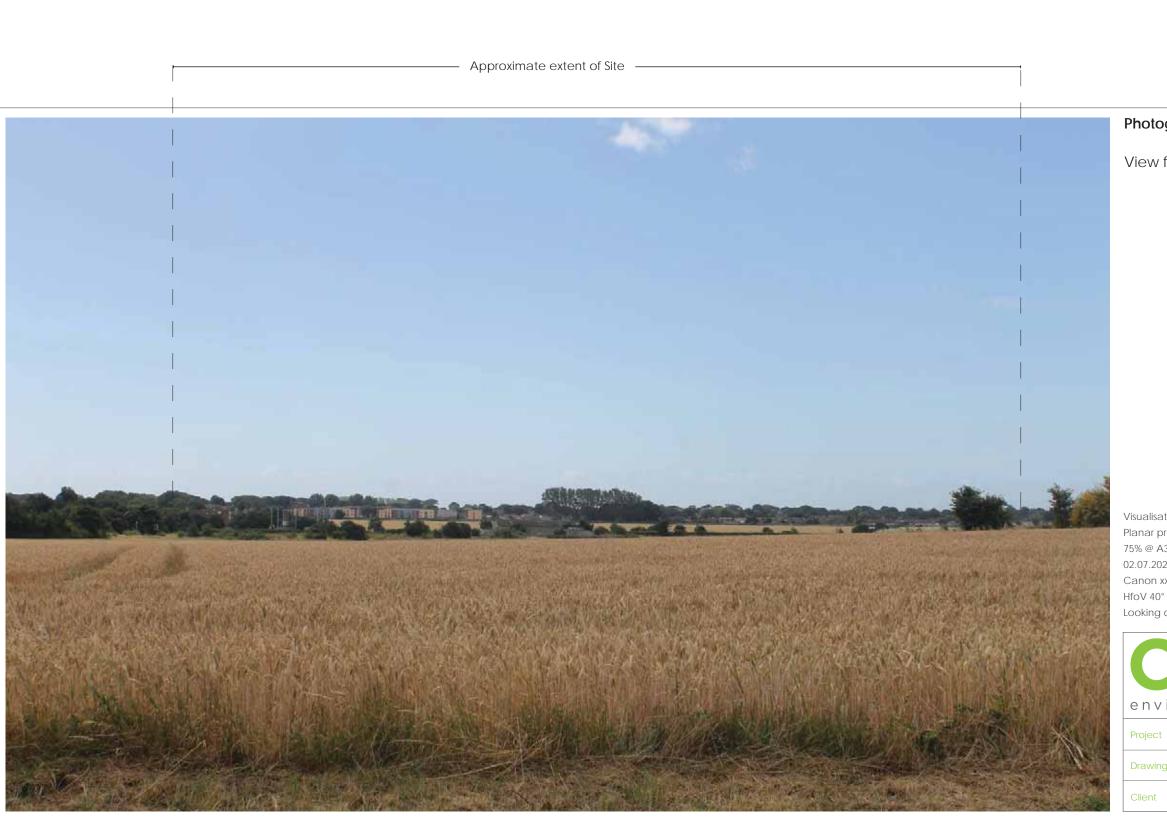


Photograph 17

View from A259 - Littlehampton Road

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 15:42
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: east





Photograph 18

View from restricted byway 2139_4

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 13:14
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south







Photograph 20

View from public footpath 2139/Highdown Rise

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 13:24
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south





View from public footpath 2139_3, Highdown Hill view-



Approximate extent of Site



Photograph 22

View from car park and public open space near to 'The Sanctuary' adjacent to High Salvington

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 13:50
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south west



Approximate extent of Site



Photograph 24

View from public bridleway 2081 at Cissbury Ring

Visualisation Type 1
Planar projection
75% @ A3, 150% @ A1
02.07.2020, 16:17
Canon xx00D 1.6x, Canon EF-S 18-55mm
HfoV 40°
Looking direction: south west



Appendix D Landscape Strategy



Appendix E Extract from Landscape and Ecology Study of Greenfield Sites November 2015

Landscape and Ecology Study of Greenfield Sites in Worthing Borough











November 2015

Dov R

SITE 5: CHATSMORE FARM

Landscape Structure

- 5.74 A flat site, underlain by chalk with superficial sand and gravel deposits, adjacent to the southern edge of the South Downs National Park. The site consists of two large arable fields, separated by Ferring Rife which flows east to west through the northern half of the site. A line of pylons also runs east-west through the middle of the site.
- 5.75 The site is bounded by broken vegetation of varying density including bushes and occasional small tree groups, within or adjacent to the site's southern, eastern and western boundaries. Ferring Rife has limited significant riparian vegetation, including occasional shrubs/small trees. The site is surrounded by existing development to the south, east and west, including 3 storey buildings to the north-east and multi-storey flats to the south-east. The A259 forms the sites northern boundary. The railway line runs along the southern edge of the site. Footpath 2121 also runs along the southern boundary (within the site), and footpath 2121/1 runs along part of the western boundary.

Landscape Character

5.76 The site is located in the low lying flat open landscape of the 'Littlehampton and Worthing Fringes' county character area (area SC11), and is part of the 'Goring Coastal Plain' local landscape character area characterised by open large scale arable fields which continue to the north and west beyond the A259 road.

Settlement Pattern

- 5.77 Prior to the 20th century, Goring-by-Sea and Ferring were small nucleated settlements some distance from the site. During the 1950s, Goring Way was lined with houses, establishing a linear link of settlement between Goring-by-Sea and Ferring, about 200m to the south of the site. During the 1960s, much of the current housing to the east and west was in place, with housing in Ferring reaching level with the northern edge of the site, and housing reaching north from Goring Way to the railway along the southern edge of the site. The full extent of housing which borders the site to the east was reached during the 1980s, and multi-storey buildings have recently been constructed to the south-east of the site on the opposite side of the railway. However, an open area remains adjacent to the south, beyond the railway as school playing fields.
- 5.78 Worthing has also spread north towards West Durrington, but no substantial development has taken place immediately north of the site within the vicinity of Highdown Hill. The site remains as a continuation of the open landscape to the north, separating the northern settlement patterns of Worthing and Ferring when viewed from the north. If the site is developed in its entirety, the areas of settlement to the east and west of the site would coalesce.

Ecology Summary (see Appendix A for full summary)

- 5.79 The site is dominated by habitats of negligible conservation interest in their own right including arable land, species-poor grassland, scrub and defunct hedgerows, and a small numbers of trees which are generally young and/or comprise non-native species. Linear vegetative features, such as hedgerows and scrub lines with trees do however provide suitable opportunities for movement of wildlife and compliment habitats in the wider area so are considered in combination to be of local wildlife value.
- 5.80 The feature of greatest ecological interest within the site is Ferring Rife and the corridor of semi-

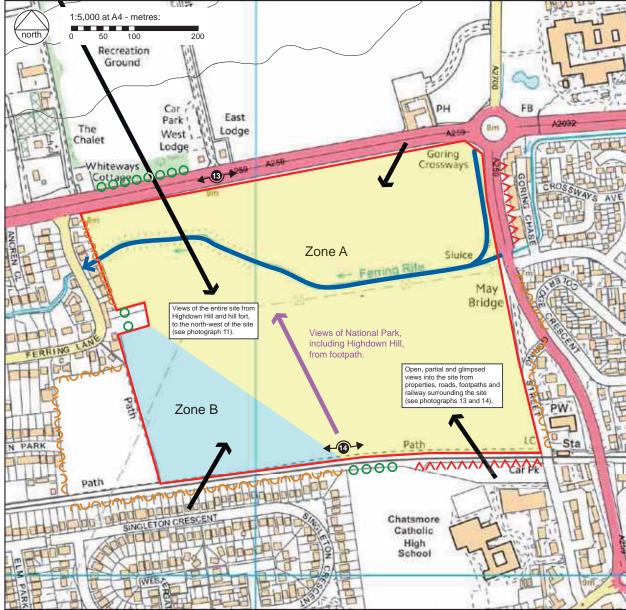
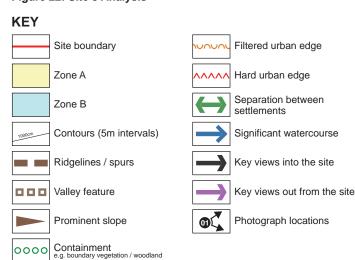


Figure 22: Site 5 Analysis

ased on mapping data licensed from Ordnance Survey, Crown copyrig

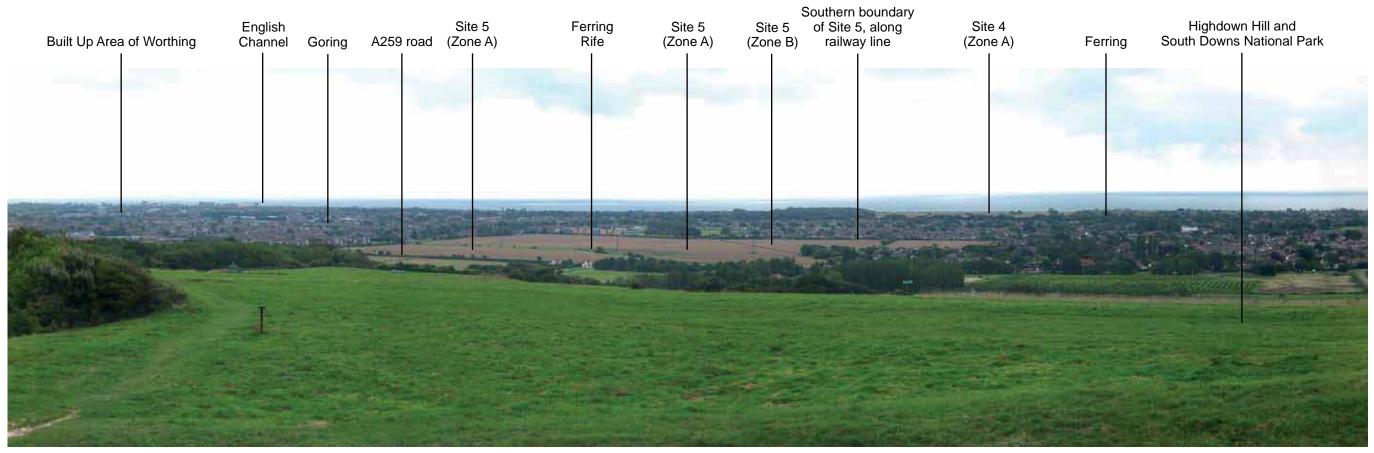


natural habitats through which it flows, which in combination are considered to form a significant part of a wider habitat of district value.

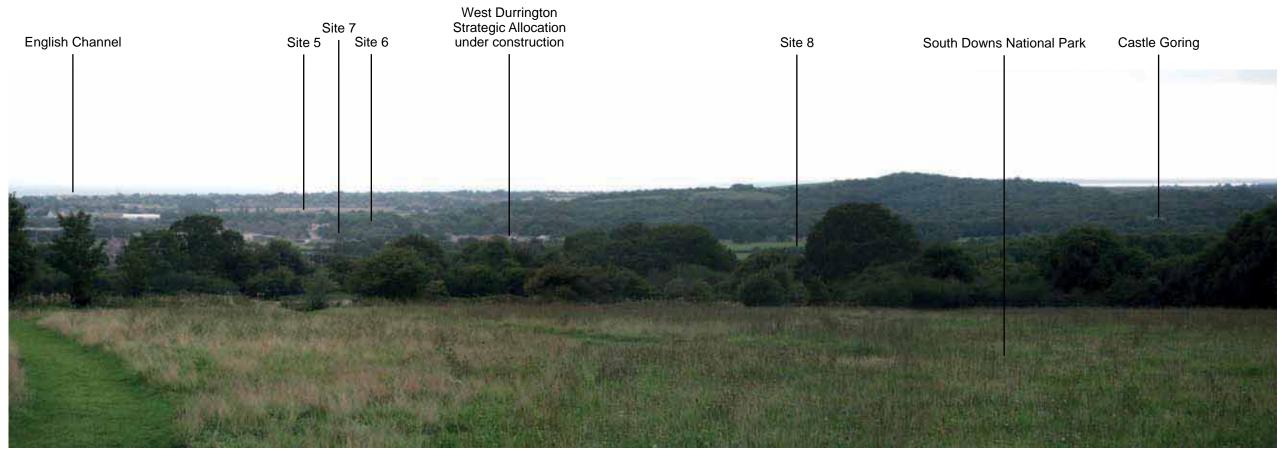
Visual Assessment

- Zone A is open to view from Highdown Hill and its hill fort within the South Downs National Park to the north, and forms a prominent part of the middle distance within the view (see photograph 11). The zone is seen in context with existing settlement on three sides and the English Channel on the horizon, and forms an effective gap in the view of development along the coastal plain. The view of open space continues slightly south of the railway line into the school playing fields to the southeast of the site.
- 5.82 The zone is also visible from high ground within the National Park to the east of High Salvington (see photograph 12), and at a greater distance from Cissbury Ring, which is a Scheduled Ancient Monument hill fort within the National Park to the north of Worthing.
- 5.83 At closer range, Zone A is open to view from footpaths 2121 and 2121/1, from the A259 (see photograph 13), and although partially filtered by vegetation in places, is visible from properties and railway passengers which face onto the site. The zone forms effective separation between Goring and Ferring when travelling along the A259 road. There are uninterrupted views to the National Park, including Highdown Hill from public footpath 2121 along the southern edge of the site (see photograph 14).

- 5.84 The visual sensitivity of the **Zone A** is judged to be **Major**. This rating feeds into the overall sensitivity assessment table on page 52.
- Zone B is visible from high ground within the National Park (see Photograph 11). However, Zone B, along with adjacent land within Arun District to the west, is partially contained to the north by vegetation along the north-western site boundary, and forms a less prominent part of the visual separation between Goring and Ferring than Zone A.
- 5.86 The visual sensitivity of Zone B is judged to be Moderate. This rating feeds into the overall sensitivity assessment table on page 52.



Photograph 11 (Sites 4 and 5) Looking south from Highdown hill fort.



Photograph 12 (Sites 5, 6, 7 and 8) Looking south-west, from South Downs National park west of High Salvington.



Photograph 13 (Site 5) Looking east to south from the A259. Continues right



Continued from left. Looking south to west.



Photograph 14 (Site 5) Looking west to north from footpath 2121. Continues right.



Continued from left. Looking north to east.

Site 5 Zone A Sensitivity

5.87 Each element of the sensitivity assessment for Site 5 Zone A, and an overall judgement based on a 5 point scale, are set out below.

Inherent Landscape quality (intactness and condition)	Ecological sensitivity	Inconsistency with existing settlement form/ pattern	Contribution to separation between settlements	Contribution to the setting of surrounding landscape/settlement	Views (visual sensitivity)	Potential for mitigation (inverse score i.e. high potential for mitigation = low sensitivity, therefore low score)	Overall sensitivity judgement 01-07 = Negligible 08-14 = Slight 15-21 = Moderate 22-28 = Substantial 29-35 = Major
Limited intact boundary features or vegetation along Ferring Rife, but recorded by Natural England as grade 1 agricultural land.	The majority of the zone consists of habitats of negligible conservation interest. However, Ferring Rife and the corridor of semi-natural habitats through which it flows, are in combination considered to form a significant part of a wider habitat of district value.	Development of the zone would not set a precedent in terms of extent of development on the coastal plain in the locality, but would remove the northern gap between Goring and Ferring.	Zone provides an essential sense of separation between Goring and Ferring, despite development to the south.	Provides an open aspect in an otherwise developed coastal plain and connection to the South Downs National Park.	The zone is prominent in views from Highdown Hill within the South Downs National Park, and is visible from Cissbury Ring. The site is visible at closer range from surrounding viewpoints, and provides openness and settlement separation when viewed from the A259 between Ferring and Goring. There are uninterrupted views to the National Park from public footpath within the south of the site (see visual assessment).	Maintain open visual dimension of the gap, with the exception of the south-west corner of the site where there is potential to recreate hedges along boundaries. Enhance riparian vegetation along Ferring Rife without damaging openness of main views.	SUBSTANTIAL 28

Site 5 Zone B Sensitivity

5.88 Each element of the sensitivity assessment for Site 5 Zone B, and an overall judgement based on a 5 point scale, are set out below.

Inherent Landscape quality (intactness and condition)	Ecological sensitivity	Inconsistency with existing settlement form/ pattern	Contribution to separation between settlements	Contribution to the setting of surrounding landscape/settlement	Views (visual sensitivity)	Potential for mitigation (inverse score i.e. high potential for mitigation = low sensitivity, therefore low score)	Overall sensitivity judgement 01-07 = Negligible 08-14 = Slight 15-21 = Moderate 22-28 = Substantial 29-35 = Major
Limited intact boundary features, but recorded by Natural England as grade 1 agricultural land.	The majority of the zone consists of habitats of negligible conservation interest.	Development of the zone would be 'infill' between surrounding housing, but would not result in the loss of the gap between Goring and Ferring.	Part of the wider separation between Goring and Ferring, but has a less prominent contribution than Zone A.	Provides an open aspect to surrounding settlement.	The zone is visible from Highdown Hill within the South Downs National Park, but is more contained than Zone A and forms a less prominent part of the visual separation between Goring and Ferring (see visual assessment).	Potential to recreate hedges along existing boundaries, and to plant new hedgerow and tree groups along the boundary with Zone A, to form a robust vegetated edge to settlement if the zone is developed.	MODERATE

Site 5 Zone A Value

5.89 Each element of the value assessment for Site 5 Zone A, and an overall judgement based on a 5 point scale, are set out below.

Landscape designations	Ecological and other designations (eg. heritage, flood zone etc)	Local distinctiveness	Any historic/cultural/ literary associations	Contribution to setting of 'outstanding assets'	Recreation and public access/ locally valued spaces	Perceptual aspects (eg. scenic quality, tranquillity, and remoteness)	Overall value judgement 01-07 = Negligible 08-14 = Slight 15-21 = Moderate 22-28 = Substantial 29-35 = Major
4	3	4	1	4	4	3	23
Adjacent to the South Downs National Park to the north.	Adjacent to the Highdown Conservation Area and several listed buildings. The Environment Agency's Flood Zones 2 and 3 covers a significant portion of the site along Ferring Rife.	Visual connectivity with Highdown and the South Downs National Park to the north. The zone has a degree of distinctiveness locally in that it is part of one of the few open gaps in settlement along the coastal plain.	Borders southern extension of Highdown Conservation Area, on the other side of the A259.	Forms an undeveloped setting to the South Downs National Park.	Public footpaths along the southern boundary, with views of the National Park, and Goring railway station within close proximity to the south-east. Centre of the site, including along Ferring Rife, is used for dog walking.	Limited due to land use and surrounding human influence, but provides a relief to surrounding built up areas and open undeveloped views north towards the National Park.	SUBSTANTIAL

Site 5 Zone B Value

5.90 Each element of the value assessment for Site 5 Zone B, and an overall judgement based on a 5 point scale, are set out below.

Landscape designations	Ecological and other designations (eg. heritage, flood zone etc)	Local distinctiveness	Any historic/cultural/ literary associations	Contribution to setting of 'outstanding assets'	Recreation and public access/ locally valued spaces	Perceptual aspects (eg. scenic quality, tranquillity, and remoteness)	Overall value judgement 01-07 = Negligible 08-14 = Slight 15-21 = Moderate 22-28 = Substantial 29-35 = Major
Within close proximity of the South Downs National Park to the north.	Within close proximity of listed building to the north. The Environment Agency's Flood Zones 2 and 3 are also close to the north.	Visual connectivity with Highdown and the South Downs National Park to the north. The zone has a degree of distinctiveness locally in that it is part of one of the few open gaps in settlement along the coastal plain.	Close proximity to Highdown Conservation Area, on the other side of the A259.	Forms a part of an undeveloped setting to the South Downs National Park.	Public footpaths along the southern and western boundaries, with views of the National Park, and Goring railway station within close proximity to the east.	Limited due to land use and surrounding human influence, but provides a relief to surrounding built up areas and open undeveloped views north towards the National Park.	SUBSTANTIAL 22

Site 5: Chatsmore Farm (WB08152)



Green Infrastructure

Landscape

- 5.91 Key considerations should include (see plan left):
 - 1. Maintain undeveloped landscape as part of effective separation between Goring-by-Sea and Ferring, and break in settlement when viewed from the north, particularly the area defined by the dashed line on plan.
 - 2. Enhance riparian vegetation along Ferring Rife, without effecting openness of the main views.
 - 3. Protect public rights of way, including link to Goring-by-Sea railway station.
 - 4. Strengthen boundary vegetation, in particular along the A259 road, without damaging the the main open view.
 - 5. Potential to plant new woodland tree belt to form robust vegetated edge to settlement, and replace or provide new public footpath to edge of settlement to maintain views to the National Park, if Zone B of the site is developed.

Ecology

- 5.92 Features of local and district value should be retained and where appropriate enhanced through management and complimentary habitat creation. Ways in which this could be achieved include:
 - Enhancement of the Ferring Rife corridor through bank reprofiling, creation of side channels and backwaters, management of scrub to reduce overshading, provision of complimentary native scrub, tree and hedgerow planting, marginal and aquatic planting, and management of non-native invasive species.
 - Enhancement of wildlife corridors through appropriate management and complimentary planting to improve existing features, and creation of new linear semi-natural habitats such as species-rich hedgerows and treelines.
 - Creation of a range of habitats with high wildlife interest within areas of public open space such as species-rich grassland, native scrub, hedgerows, woodland and wetlands.
 - Creation of new opportunities for roosting bats and nesting birds through provision of bird and bat boxes on existing trees and new buildings.
 - Use native species typical of the local area in landscape planting where appropriate to do so.
 Where possible these should be sourced from stock of local provenance.
 - Prioritising the use of plants which benefit native wildlife within formal landscaping schemes, including nectar- and pollen-rich and fruit- and nut-producing species.

Appendix F Extract from South Downs National Park: View Characterisation and Analysis November 2015



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South Downs National Park: View Characterisation and Analysis

Final Report
Prepared by LUC on behalf of the South Downs National Park Authority
November 2015

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Analysis

View number and name and	Grid refer (see Figur map of approximations locations scale)	e 2.1 for ate	Reason for selection		
			also noted as 'majestic' when viewed from the Monarch's Way.		
31 Highdown Hill (National Trust)	509213	104341	The site of a hillfort, Highdown Hill is owned by the National Trust and a good vantage point from which to view the landscape. Views to the east and south include the densely populated coastal towns of Worthing, Ferring and East Preston, which reduces the remote qualities associated with other elevated viewpoints within the park. Extensive sea views are however the main focus and therefore this view is representative of sea views from the National Park.		
32 Amberley Mount	504167	112500	The viewpoint is located on the South Downs Way and is a good point from which to experience panoramic views west along the wooded scarp slopes, and north across the Low Weald, including the River Arun and Amberley Wild Brooks. It is noted in the SDILCA as representing views from the Arun to Adur Downs Scarp,		
33 Chantry Hill	508724	111958	This viewpoint is located on the South Downs Way and is a good vantage point from which to enjoy panoramic views over the scarp footslopes and the Low Weald. It is noted in the SDILCA as representing views from the Arun to Adur Downs Scarp.		
34 Sullington Hill	509493	112419	This viewpoint is located on Sullington Hill, adjacent to Chantry Hill. It is another good vantage point from which to experience panoramic views over the scarp footslopes and the Low Weald, and view the scarp and is noted in the SDILCA as representing views from the Arun to Adur Downs Scarp.		
35 Salt Hill	467491	119769	This view, from Salt Hill, is located on the South Downs Way. It is a prominent point from which to experience views along the scarp to Butser Hill and over the Meon Valley. Views from this location are noted in the literature for the South Downs Way.		
36 Harting Down	479019	118128	This viewpoint is a natural vantage point from which to appreciate elevated views over the Rother Valley. It is also an OS marked viewpoint and is located on the South Downs Way. Views from this location, overlooking South Harting and East Harting, are noted in the literature for the South Downs Way.		
37 Pen Hill	481191	118257	This viewpoint is a natural vantage point from which to appreciate elevated views over the Rother Valley. It is also located on the South Downs Way and views from this hilltop are noted in the literature for the South Downs Way.		
38 Cocking Down	486315	116818	This viewpoint is a natural vantage point from which to appreciate elevated views over the Rother Valley. It is also located on the South Downs Way and views from the top of the Down are noted in the literature for the South Downs Way.		
39 Sutton Down	495934	113109	This viewpoint is a natural vantage point from which to appreciate views across the Goodwood to Arundel Wooded Estate Downland and over the Lavant Valley. It is also located on the South Downs Way and views from the top of the Down are noted in the literature		

South Downs National Park: View Characterisation and 10 November 2015

Views from the high downs looking south out to sea



Looking south-east to Goring-by-Sea (left) and Ferring (right), from Highdown Hill (VP31)

Description

3.22 This view type includes views from the downs above the coastal plain, looking south across the developed coastal plain and out to sea.

Examples of views

3.23 The following viewpoints represent this view type: 11, 31, 45, 48, 52, 53, 55, 56, 65, and 66.

Monitoring Points

3.24 The following viewpoints have been photographed as monitoring points: 31, 48, 52, and 56.

Special Qualities

3.25 The elevated position of these viewpoints on the downs above the coastal plain means this view type represents the 'breathtaking views' that are noted in the first of the Park's special qualities. It also reveals a rich variety of wildlife and habitats including some of the iconic habitats of the South Downs such as the downland and yew woodland (at Kingley Vale), the tranquillity of the downs compared to the settled coastal plain, the way that farming has shaped the landscape in the form of distinctive field patterns, and the rich cultural heritage as a result of heritage assets in the view.

Threats

3.26 Threats to this view type could result from changes that affect the iconic chalkland habitats of the downs, or form intrusive new developments within the view either by day or night that affect the sense of tranquillity within the National Park. Many of these views are across the developed coast and therefore development forms an existing part of these views (often in the background).

Aim & Management Guidance

- 3.27 The aim is to ensure that there remain opportunities to access and appreciate these panoramic views, and to ensure the special qualities recorded above are retained. In particular, it will be important to:
 - Maintain the undeveloped character of the downs within the National Park which contrasts with the developed coastal plain, and ensure that development outside the National Park does not block, or adversely affect the quality of, views towards the sea.
 - Ensure that any built development outside the park is integrated into its context in terms of scale, form and materials – consider using native vegetation to enhance existing views that contain development, and minimise visibility of new development from the Park.
 - Maintain the distinctive chalk grassland and woodland habitats that characterise the downland (refer to guidance for the downland landscape types A, B and D, as relevant, contained in the South Downs Integrated Landscape Character Assessment for more guidance).
 - Encourage sensitive integration of fencing, tracks, hardstanding, jumps and other features associated with hobby farms, private stables and urban fringes.

Appendix G Extract from Landscape and Ecology Study of Greenfield Sites Combined Summary April 2017

Landscape and Ecology Study of Greenfield Sites in Worthing Borough











COMBINED SUMMARY April 2017

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1. INTRODUCTION

- In 2015 Hankinson Duckett Associates (HDA) was commissioned by Adur and Worthing Borough Councils to undertake a Landscape and Ecology Study of eight Greenfield sites (Sites 1 to 8) which have been promoted through Worthing's Strategic Housing Land Availability Assessment (SHLAA). In 2017, HDA carried out an assessment of two further sites (Sites 9 and 10) as an addendum to the original 2015 study.
- 1.2 Following representations from site promoters and the need for a 'no stone unturned' approach to identifying suitable development sites, HDA carried out a further review of three sites (Sites 3B, 5B and 8A) which the original 2015 study judged to be 'low' suitability. Additionally, Arun District Council requested that an additional site (Site 5C) should also be considered as part of this review.
- 1.3 This document combines and summarises the overall findings of the original 2015 study, the 2017 addendum and takes into account the review of sites within the 2015 study, and the additional area within Arun District.

2. SUITABILITY FOR DEVELOPMENT

- 2.1 The overall landscape, visual and ecological suitability for development of each site or zone has been determined by combining the sensitivity and value ratings derived from the tabulated assessments set out in the documents described above. Sites with a higher sensitivity and/or value have a lower suitability for development than sites with lower sensitivity and/or value.
- 2.2 Using the matrix below, the suitability of each site or zone is set out in the table on page 2 and indicated on the accompanying map on page 3.

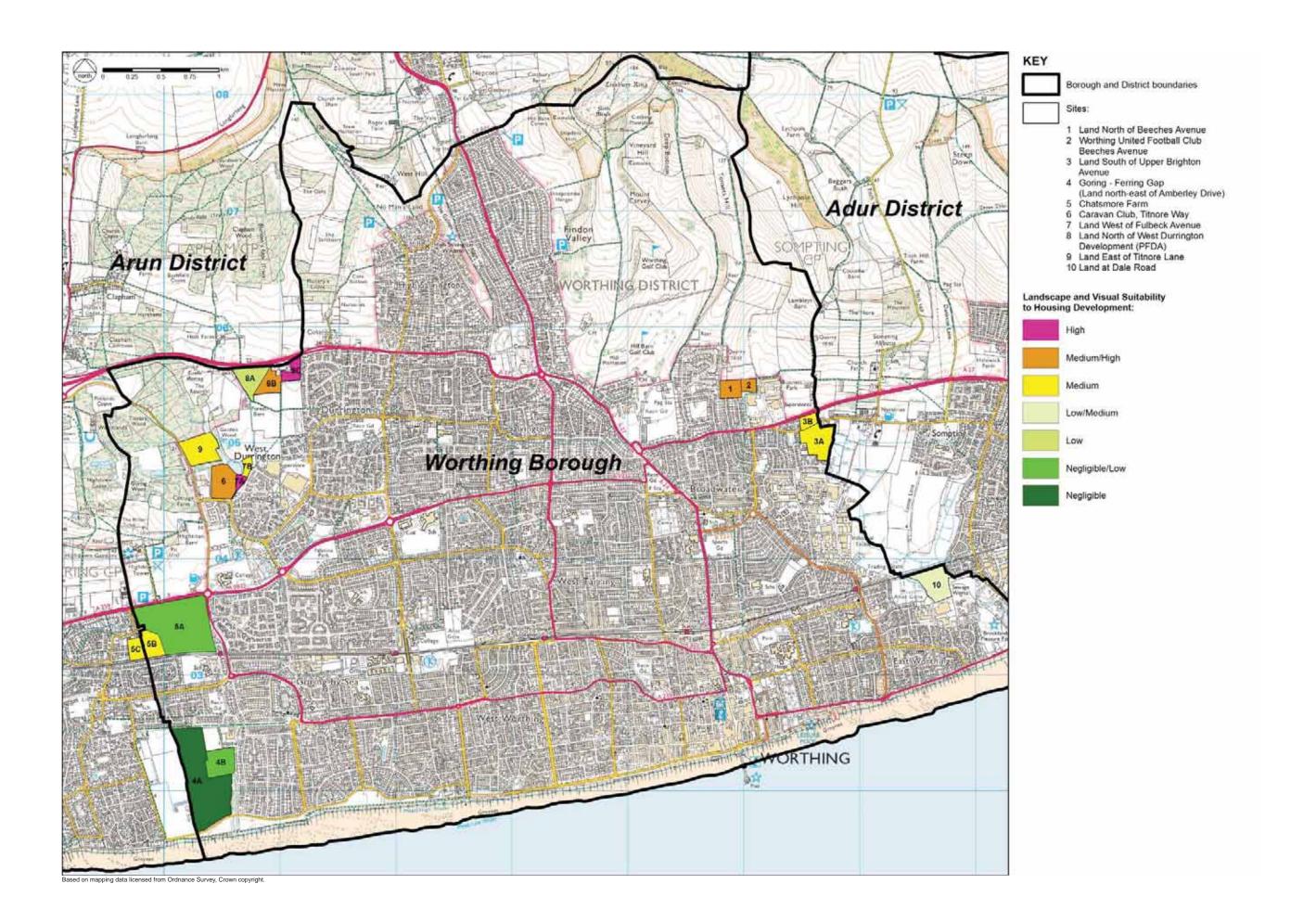
		Sensitivity				
		Major	Substantial	Moderate	Slight	Negligible
Value	Major	Negligible	Negligible	Negligible /	Low	Low /
				low		medium
	Substantial	Negligible	Negligible /	Low	Low /	Medium
			low		Medium	
	Moderate	Negligible /	Low	Medium	Medium /	High /
		Low			high	medium
	Slight	Low	Low /	Medium	High	High / Very
			medium	/high		high
	Negligible	Low /	Medium	High /	High / Very	Very high
		medium		medium	high/	

Sites 4A, 4B, 5A, 8A and 10, which have major or substantial sensitivity and/or value, have negligible to low or low/medium suitability for development in terms of landscape, visibility and/or ecology. Housing development in these areas would have a significant and detrimental effect on the character of the landscape as a whole and/or on separation between settlements, the setting to existing settlement or the South Downs National Park. Site 10 could be appropriate for formal or informal open space proposals provided views from the National Park are carefully considered and boundary vegetation is maintained in order to conserve the separation between East Worthing and Lancing.

- Sites 3A, 7B and 9 have moderate ratings of sensitivity and value, and are therefore considered to have Medium suitability for housing development. Following the detailed review including consideration of further potential mitigation measures, Sites 3B, 5B and 5C are also judged to have Medium suitability for housing development. These sites are potentially suitable in landscape, visual and ecology terms for limited development proposals which would 'round off' a settlement or develop infill sites, but would need to demonstrate no adverse impacts on the setting to the National Park, the wider landscape or important landscape features such as woodland, and should have regard for the setting and form of existing settlement and the character and sensitivity of the adjacent landscapes.
- 2.5 Sites 1, 2, 6 and 8B are identified as having Medium/High landscape, visual and ecology suitability for development. These sites could accommodate urban extensions and/or infill sites, due to their generally lower sensitivity or value, provided sensitive considerations are taken into account, in particular the setting to the South Downs National Park.
- 2.6 Sites 7A and 8C are less constrained areas with high suitability for development from a landscape, visual and ecology perspective, which could accommodate allocations of new development without significant detrimental effects on the character of the landscape as a whole provided the form of new development proposals are closely related to, and in scale with, existing adjacent settlement.

Landscape and Ecology Study of Greenfield Sites in Worthing Combined Summary

No	Site	Zone	Sensitivity	Value	Suitability
1	North of Beeches Avenue	-	Slight	Moderate	Medium/High
2	Worthing United Football Club	-	Slight	Moderate	Medium/High
3	Upper Brighton Road	А	Moderate	Moderate	Medium
3	Opper Brighton Road	В	Moderate	Moderate	Medium
4	Coring Forring Con	А	Major	Substantial	Negligible
4	Goring-Ferring Gap	В	Substantial	Substantial	Negligible/Low
		А	Substantial	Substantial	Negligible/Low
5	Chatsmore Farm	В	Moderate	Moderate	Medium
		С	Moderate	Moderate	Medium
6	Caravan Club, Titnore Way	-	Slight	Moderate	Medium/High
_	Mark of Full and Avenue	А	Slight	Slight	High
7	West of Fulbeck Avenue	В	Moderate	Moderate	Medium
		А	Substantial	Moderate	Low
8	North of West Durrington	В	Slight	Moderate	Medium/High
		С	Slight	Slight	High
9	Land East of Titnore Road	-	Moderate	Moderate	Medium
10	Land at Dale Road	-	Substantial	Slight	Low/Medium



Appendix H
Summary of Landscape and Visual Effects

Direct effects on landscape features	Quality & Sensitivity	Existing Conditions	Impact and Mitigation	Magnitude of Change	Effect
Hedgerows	Low	There are sections of hedgerow alongside the gardens with dwellings at Ferring and at the boundary of the south western field. Patches of remnant hedgerow plants are present at other Site boundaries.	Extensive opportunities for new hedgerow planting and restoration of former field boundaries.	Low	Moderate Beneficial
Trees / Shelterbelts	Medium	There are no mature trees present on Site to constrain development.	New tree planting will be undertaken in areas of open space and at the site boundaries.	Low	Moderate Beneficial
Farmland	Medium	The Site currently comprises an area of arable farmland.	The southern part of the Site will be converted to residential development, however the northern field will be retained in agricultural use. Areas of species rich grassland will be created in new areas of open space.	High	Moderate Adverse
Ferring Rife	Medium	Broad drainage ditch which bisects the Site.	Ferring Rife will be retained and enhanced for landscape and bio-diversity value.	Low	Moderate Beneficial
Public Rights of Way	Medium	The Site is crossed by two footpaths and there are several informal routes alongside Ferring Rife and at the Site boundaries. The outlook from the existing footpaths is influenced by the proximity of the railway line and by built development.	The footpaths can be retained along the current alignment and the other routes can be formalised within areas of open space.	Low	Slight Beneficial
Heritage assets	N/A	No registered assets within the Site.	None	Neutral	Neutral
Indirect effects on landscape / townscape character		Existing Conditions	Impact and Mitigation	Magnitude of Change	Effect
Site and Surrounding Area	Medium- low (Site), medium (Urban Area) and High (South Downs National Park	The Site comprises undistinguished farmland indented into the urban area. It is influenced by a number of detracting elements including the adjoining housing, the railway line and the lattice pylons which cross it. The adjoining townscape comprises a mix of housing, bungalows and flats. It is post war and undistinguished architecturally. The Rolling landscape of the South Downs is of much higher landscape quality and sensitivity. In proximity to the Site it is	The proposals are well related to the existing settlement pattern and will not intrude on the setting of the National Park. The Illustrative Masterplan retains the northern part of the Site in agricultural use and there is scope for landscape enhancements along the course of Ferring Rife and within POS. In addition, the proposals are for an outward facing development which will positively address the adjoining open space and development boundaries.	Low	Slight Adverse declining in significance as the new landscaping matures and residents adjust to the change in character of the Site.

		influenced by the built development which extends along the coastal plain, detracting from its inherent rural qualities.			
Landscape Value	Low	There are a number of public footpaths which cross the Site and several informal routes, particularly alongside Ferring Brook. There are a number of listed buildings within the vicinity of the Site. In addition, the open character of the Site provides some relief to the surrounding built up area, which is likely to be valued at a local level.	The proposals will not impact on the setting of adjoining heritage assets. The existing footpaths can be retained and other routes will be formalised within areas of open space. The existing open character will be maintained and the open space and farmland will be integrated with the adjoining urban fabric.	Medium	Slight Adverse
Cumulative impacts		No known cumulative effects.			

VISUAL EFFECT	rs				
Viewpoint	Sensitivity	Existing Conditions	Proposals and mitigation	Magnitude of Change	Visual Effect
Littlehampton Road (Photograph 08)	Medium	There are open views from the road across the Site, with existing development prominent in the backdrop.	Development will be set back from the road behind a significant swathe of farmland and open space. The new housing will provide an improved edge to the open space, albeit slightly more prominent. New landscaping to the perimeter of the fields and within open space will assist in integrating the proposals in to their wider setting.	Medium	Slight Adverse becoming Slight Beneficial as the landscaping matures
Two dwellings and Swallows Return Public House, north of Littlehampton Road	Medium	Views from upper storey windows and from the front of the pub.	Again views will be of new development to the rear of a broad expanse of open space.	Medium	Slight Adverse becoming Slight Beneficial as the landscaping matures
Views from Goring Street and neighbouring development (Photographs 12 and 13)	Medium	Open views are available from the road and from front and side elevations of the neighbouring dwellings east of the route, occasionally filtered by patches of scrub vegetation.	New development will be well related to the existing settlement pattern. There will be some loss of openness to sections of the route, however this will to a degree be offset by new landscaping and environmental enhancements.	Medium	Slight Adverse
Views from the residential area south of the Site (Photograph 04 and 10)	Medium	There are views from the upper storeys of the recent flatted development to the south east over the railway infrastructure. Views from the bungalows further east are largely prevented by intervening fencing.	There will be an increase in development in views from the flatted blocks however these will be seen over the existing railway line and loss of visual amenity will be limited. There will be little impact on the housing to the east of the flats.	Medium	Slight adverse / Insignificant
Views the footbridge at Goring-by-Sea Station (Photograph 11)	Low	There are open views from the footbridge over the Site experience by commuters using the footbridge.	The proposals will not appear at odds with the surrounding settlement character, however the existing open character will be lost in proximity to the station.	Medium	Slight Adverse
Commuters traveling on the coastal railway (Photograph 11)	Low	Open views across the Site.	Open views of development will be filtered by new landscaping in due course. Views will by their nature be fleeting and transitory and experienced within the context of the wider urban area through which the train has been travelling.	Medium	Slight Adverse
Views from dwellings and public vantage	Medium	Views of the Site from the adjoining urban area are limited by garden fening and vegetation. There are	Views from residential properties and public highways where available will predominately be of farmland and open space within the new	Low	Insignificant

points in Ferring (Photographs 09 and 06)		glimpsed views between buildings from Ferring Lane and Green Park.	development.		
Views from	High	There are expansive views from the	The proposed development would be well related to	Low	Slight Adverse becoming Slight
Highdown Hill		higher ground on the edge of the	the existing urban area and would not intrude on the		Beneficial as the new
and the South		National Park. In these views the Site	setting of the national park. New landscaping within		landscaping matures
Downs National		forms a break in the existing urban	open space and at the perimeter of the Site would		
Park		area.	have some beneficial effects in due course.		

Appendix IPhotomontages



Approximate extent of Site __

Ferring Rife



Photomontage from Viewpoint 12 - Year 1

View from A259 - Littlehampton Road looking south east

Visualisation Type 3 - Proposed View Year 1

Planar projection

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 14:53

Canon xx00D 1.6x, Canon EF-S 18-55mm

HfoV 40°

Viewpoint Location (Long, Lat): 50.821532, -0.443710

Viewpoint altitude 6m AOD plus 1.5m (approx, rounded to nearest 0.5m) Location data based on Samsung Galaxy A51 GPS & Google Earth

Distance to closest boundary edge (approx): 106m

Looking direction: south east

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)



Approximate extent of Site -

Ferring Rife



Photomontage from Viewpoint 12 - Year 15

View from A259 - Littlehampton Road looking south east

Visualisation Type 3 - Proposed View Year 15

Planar projection

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 14:53

Canon xx00D 1.6x, Canon EF-S 18-55mm

HfoV 40°

Viewpoint Location (Long, Lat): 50.821532, -0.443710

Viewpoint altitude 6m AOD plus 1.5m (approx, rounded to nearest 0.5m)

Location data based on Samsung Galaxy A51 GPS & Google Earth Distance to closest boundary edge (approx): 106m

Looking direction: south east

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)



Approximate extent of Site

Ferring Rife



Photograph 20

View from public footpath 2139/Highdown Rise

Visualisation Type 3 - Existing View

Planar projection 75% @ A3, 150% @ A1

Canon xx00D 1.6x, Canon EF-S 18-55mm

Viewpoint Location (Long, Lat): 50.825195, -0.441735

Viewpoint altitude 25m AOD plus 1.5m (approx, rounded to nearest 0.5m) Location data based on Samsung Galaxy A51 GPS & Google Earth Distance to closest boundary edge (approx): 482m

Looking direction: south



Approximate extent of Site

Ferring Rife

Photomontage from Viewpoint 20 - Year 1

View from public footpath 2139/Highdown Rise

Visualisation Type 3 - Proposed View Year 1

Planar projection

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 13:24

Canon xx00D 1.6x, Canon EF-S 18-55mm

HfoV 40°

Viewpoint Location (Long, Lat): 50.825195, -0.441735

Viewpoint altitude 25m AOD plus 1.5m (approx, rounded to nearest 0.5m)
Location data based on Samsung Galaxy A51 GPS & Google Earth

Distance to closest boundary edge (approx): 482m

Looking direction: south

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)



Approximate extent of Site

Ferring Rife

Photomontage from Viewpoint 20 - Year 15

View from public footpath 2139/Highdown Rise

Visualisation Type 3 - Proposed View Year 15

Planar projection

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 13:24

Canon xx00D 1.6x, Canon EF-S 18-55mm

HfoV 40°

Viewpoint Location (Long, Lat): 50.825195, -0.441735

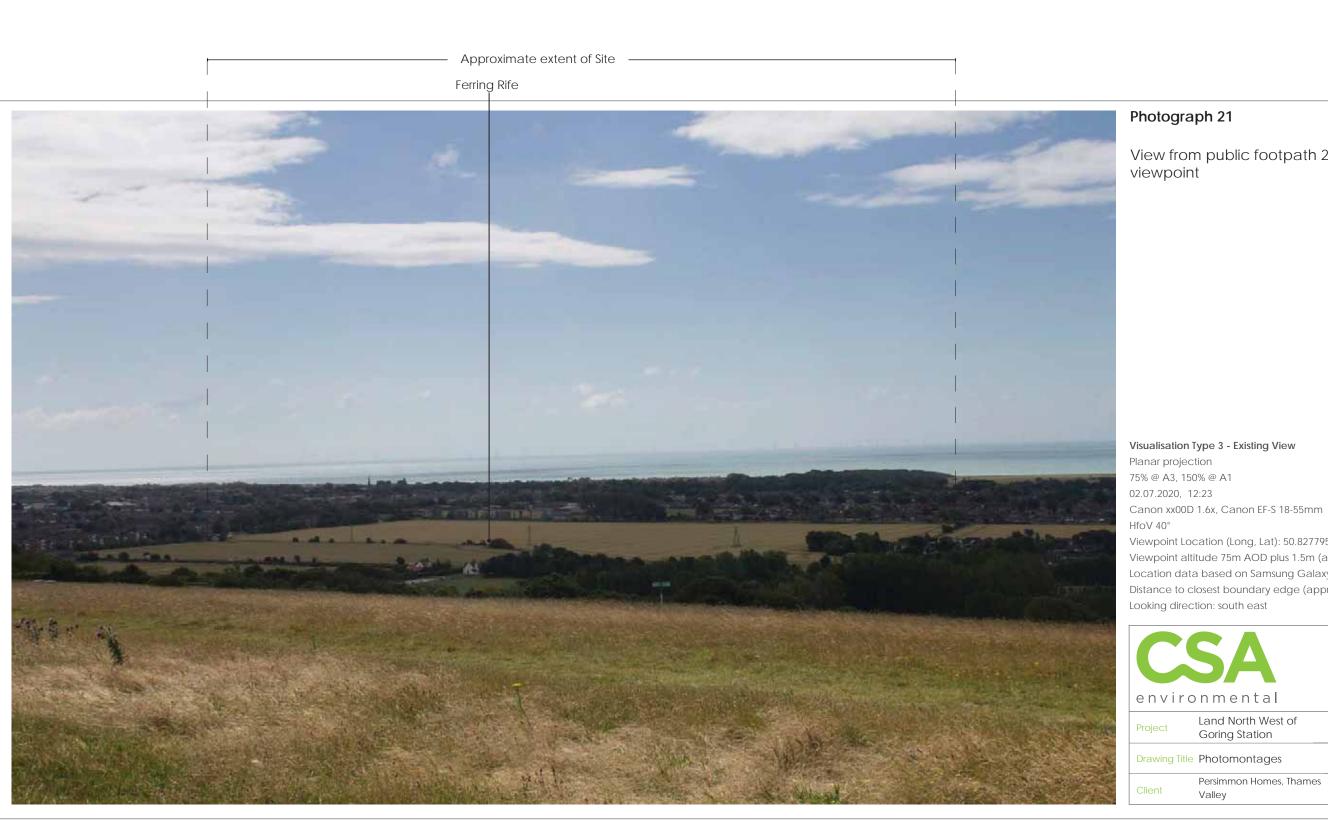
Viewpoint altitude 25m AOD plus 1.5m (approx, rounded to nearest 0.5m)
Location data based on Samsung Galaxy A51 GPS & Google Earth

Distance to closest boundary edge (approx): 482m

Looking direction: south

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)





View from public footpath 2139_3, Highdown Hill

Visualisation Type 3 - Existing View

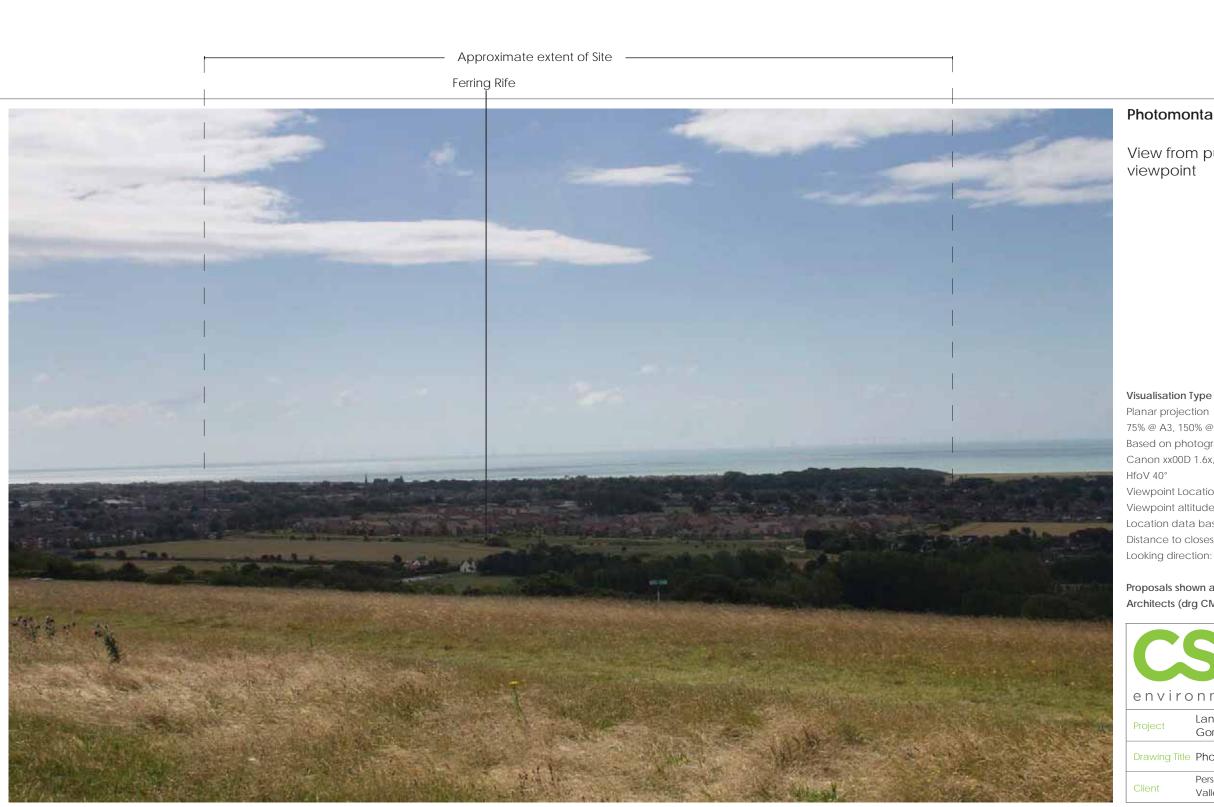
Viewpoint Location (Long, Lat): 50.827795, -0.449362

Viewpoint altitude 75m AOD plus 1.5m (approx, rounded to nearest 0.5m) Location data based on Samsung Galaxy A51 GPS & Google Earth

Distance to closest boundary edge (approx): 907m

Looking direction: south east





Photomontage from Viewpoint 21 - Year 1

View from public footpath 2139_3, Highdown Hill viewpoint

Visualisation Type 3 - Proposed View Year 1

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 12:23

Canon xx00D 1.6x, Canon EF-S 18-55mm

Viewpoint Location (Long, Lat): 50.827795, -0.449362

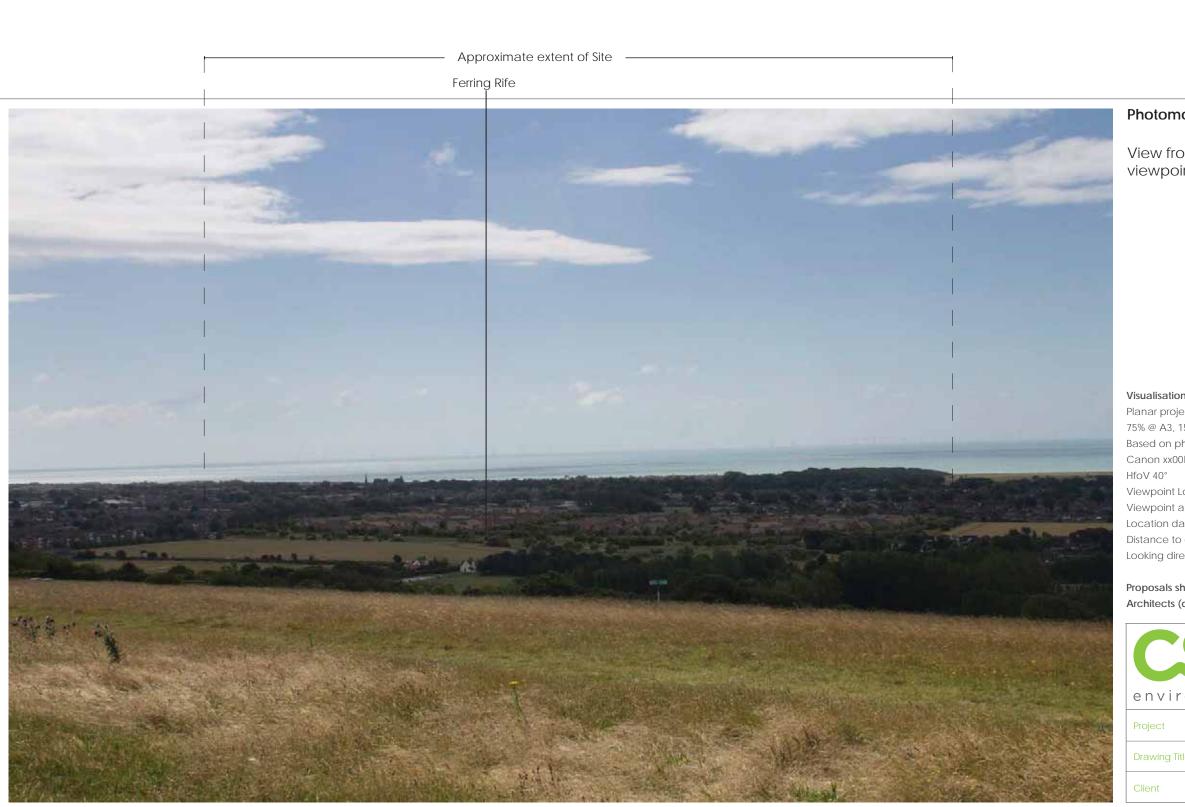
Viewpoint altitude 75m AOD plus 1.5m (approx, rounded to nearest 0.5m) Location data based on Samsung Galaxy A51 GPS & Google Earth

Distance to closest boundary edge (approx): 907m

Looking direction: south east

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)





Photomontage from Viewpoint 21 - Year 15

View from public footpath 2139_3, Highdown Hill viewpoint

Visualisation Type 3 - Proposed View Year 15

Planar projection

75% @ A3, 150% @ A1

Based on photography taken on 02.07.2020 at 12:23

Canon xx00D 1.6x, Canon EF-S 18-55mm

Viewpoint Location (Long, Lat): 50.827795, -0.449362

Viewpoint altitude 75m AOD plus 1.5m (approx, rounded to nearest 0.5m)

Location data based on Samsung Galaxy A51 GPS & Google Earth Distance to closest boundary edge (approx): 907m

Looking direction: south east

Proposals shown are based on the Concept Masterplan by Thrive Architects (drg CMP-02 rev P5)



Appendix J
Aerial Photograph showing Wider Context



CSA	
environmental	

Dixies Barns, High Street, Ashwell, Hertfordshire SG7 5NT

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w csaenvironmental.co.uk

Rev Date By Description

Project Land North West of Goring Station

Date Dec 2021

Drawing No. CSA/2304/123

Drawing Title Aerial Photograph showing Wider Context

Scale @ A3 NTS Rev
Client Persimmon Homes Thames Valley

Drawn SP Checked CS



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