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LEGEND

Site Boundary

Indicative Cable Route

Study Area (3km)

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PROJECT TITLE

CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

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Figure 1: Site Location

ISSUED BY	Bristol	T: 0117 203 3628
DATE	February 2025	DRAWN BFr
SCALE @A3	1:25,000	CHECKED RF
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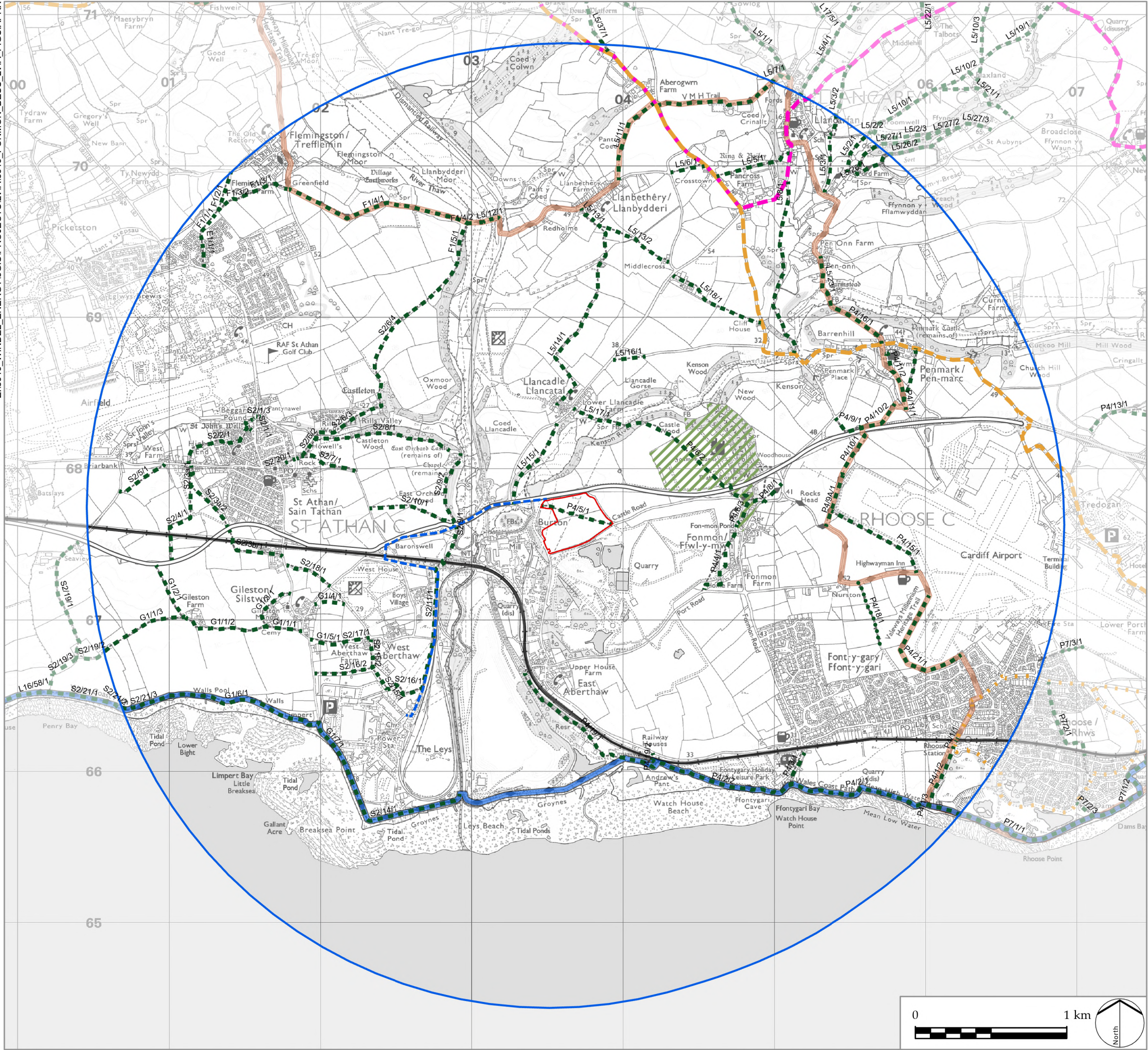
DWG. NO. 8919_01

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Sources: Ordnance Survey, DataMapWales

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- LEGEND
- Site Boundary
 - Indicative Cable Route
 - Study Area (3km)
 - Public Rights of Way
 - Footpath
 - Restricted Byway
 - Wales Coastal Path (Long Distance Path)
 - Valeways Millennium Heritage Trail (Long Distance Path)
 - National Cycle Network (NCN) Route 88
 - NCN
 - LINK
 - The Great Glamorgan Way (Cycle Route) - Aberthin to the Downs
 - B4265
 - Vale of Glamorgan Railway Line
 - Registered Historic Parks & Gardens: Registered Areas

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Figure 2: Access & Recreation

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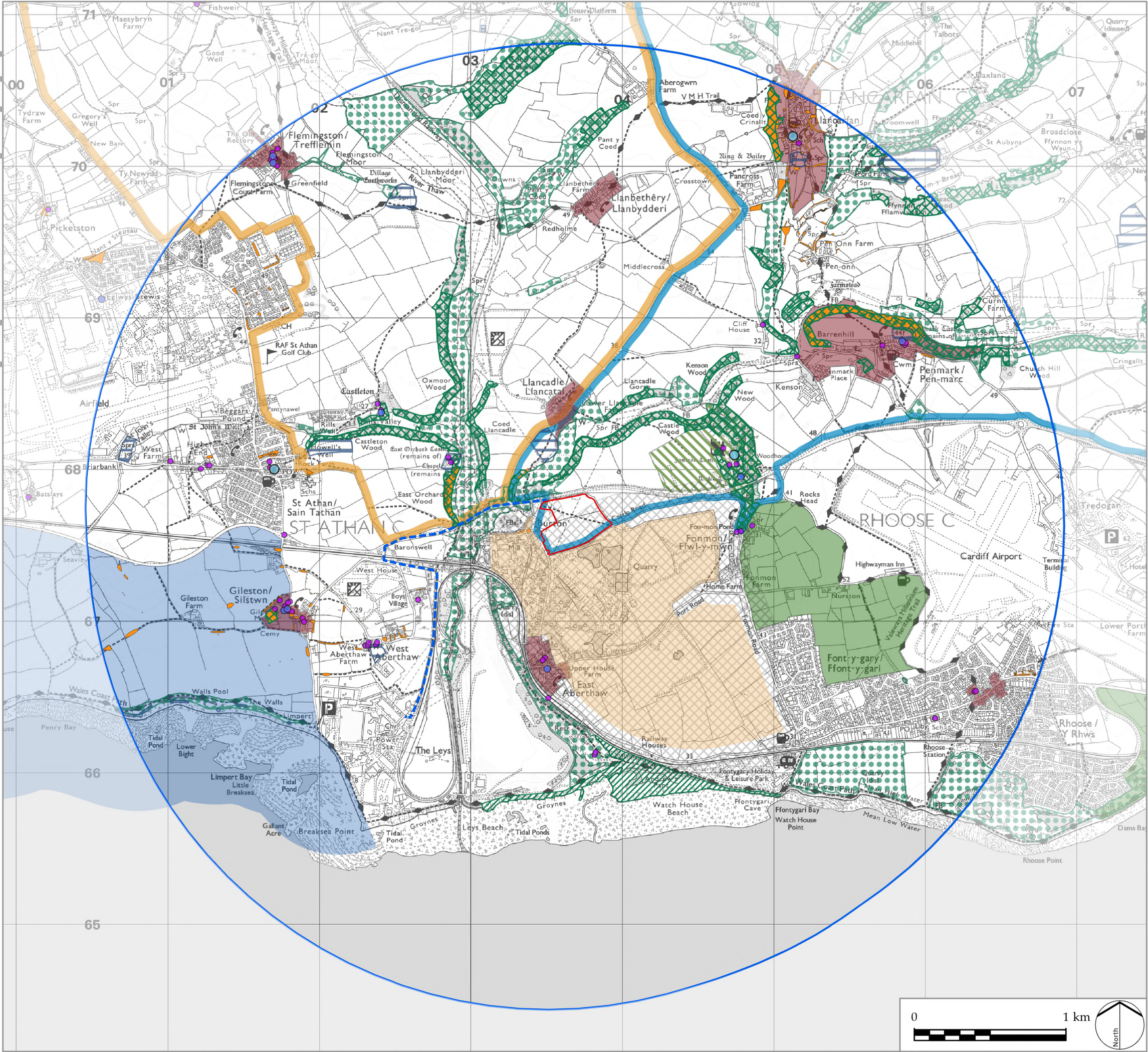
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LEGEND

Site Boundary

Indicative Cable Route

Study Area (3km)

Listed Buildings (Grade)

I

II*

II

Scheduled Monument

Ancient Woodland

Site of Special Scientific Interest

Glamorgan Heritage Coast

Conservation Area

Registered Historic Parks & Gardens: Registered Areas

Vale of Glamorgan Local Development Plan Policies (2017)

Sites of Importance for Nature Conservation

Green Wedge

Quarry Buffer Zone

Quarry Site

Tree Preservation Order

Special Landscape Area (VoG Local Development Plan 2017)

Nant Llancafan

Upper & Lower Thaw Valley

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CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

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Figure 3: Landscape Designations

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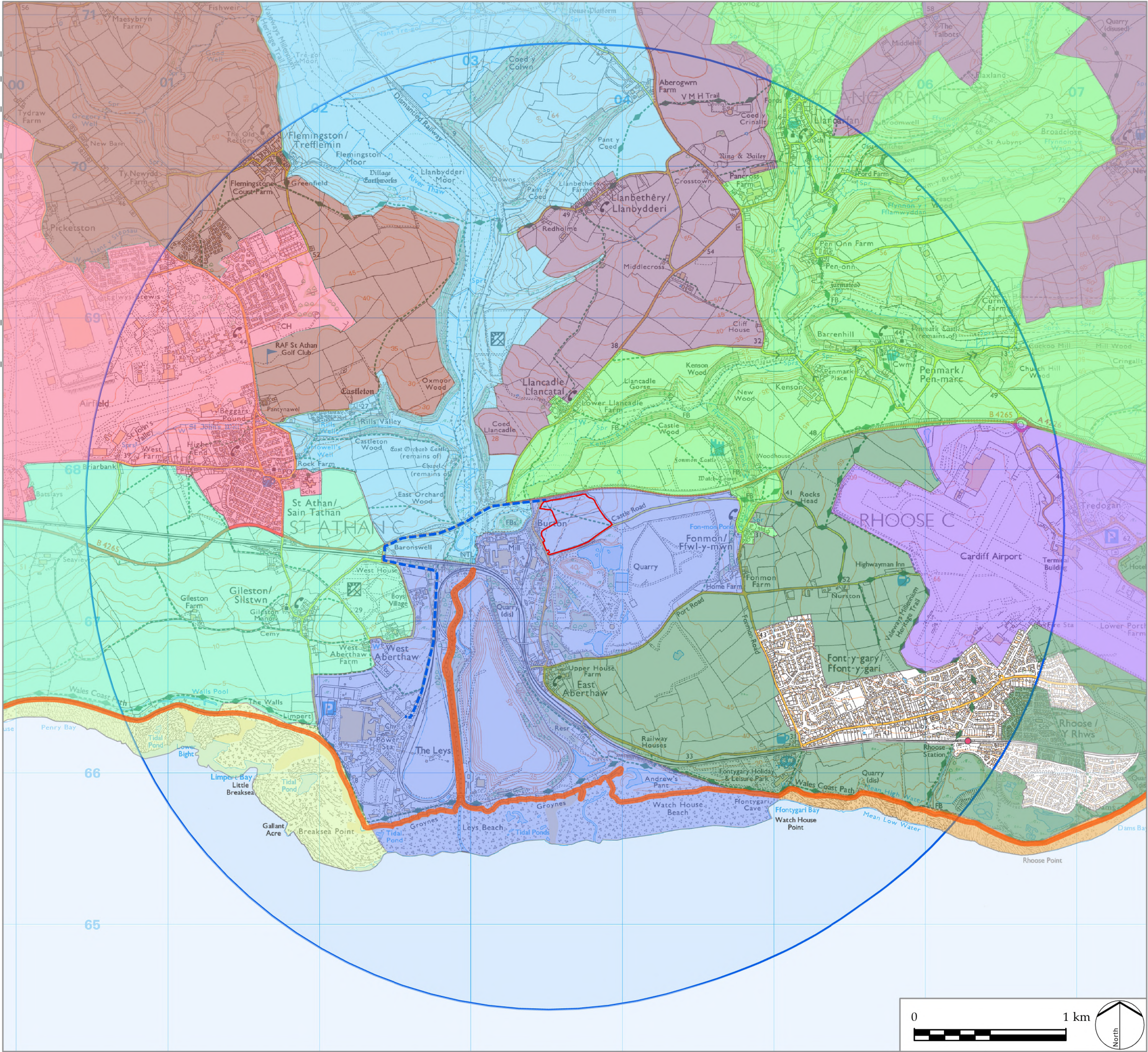
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LEGEND

Site Boundary

Indicative Cable Route

Study Area (3km)

National Character Areas (NRW)

Bro Morgannwg/Vale of Glamorgan

Landscape Character Areas (Vale of Glamorgan Council, 2008)

LCA 3 - Heritage Coast Intertidal Zone

LCA 4 - Thaw Estuary

LCA 5 - Fofygary Bay - Porthkerry Intertidal Zone

LCA 7 - Heritage Coast Hinterland

LCA 8 - Lias Plateau

LCA 18 - Cardiff International Airport

LCA 19 - Lower Thaw Valley

LCA 20 - Lower Waycock Valley

LCA 22 - Central Vale Ridges and Slopes

LCA 26 - Rhoose - Porthkerry Hinterland

LCA 27 - St Athan

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STORAGE SYSTEM (BESS)

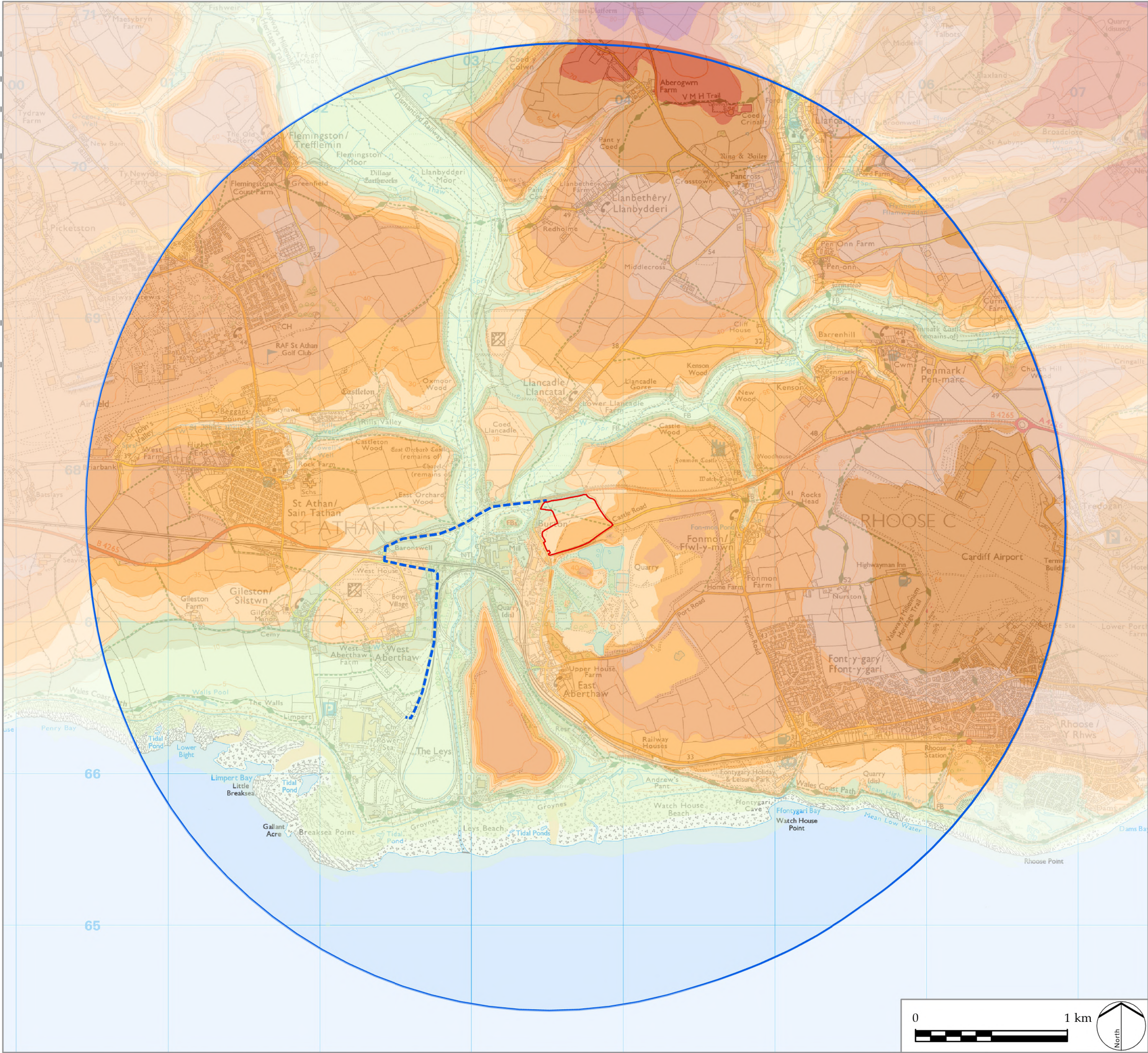
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Figure 4: Landscape Character Areas

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DATE	November 2024	DRAWN BFR
SCALE @A3	1:25,000	CHECKED RF
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LEGEND

— Site Boundary

--- Indicative Cable Route

Study Area (3km)

Altitude (m AOD)

90 - 100
80 - 90
70 - 80
60 - 70
50 - 60
40 - 50
30 - 40
20 - 30
10 - 20
0 - 10

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PROJECT TITLE

CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

DRAWING TITLE

Figure 5: Topography

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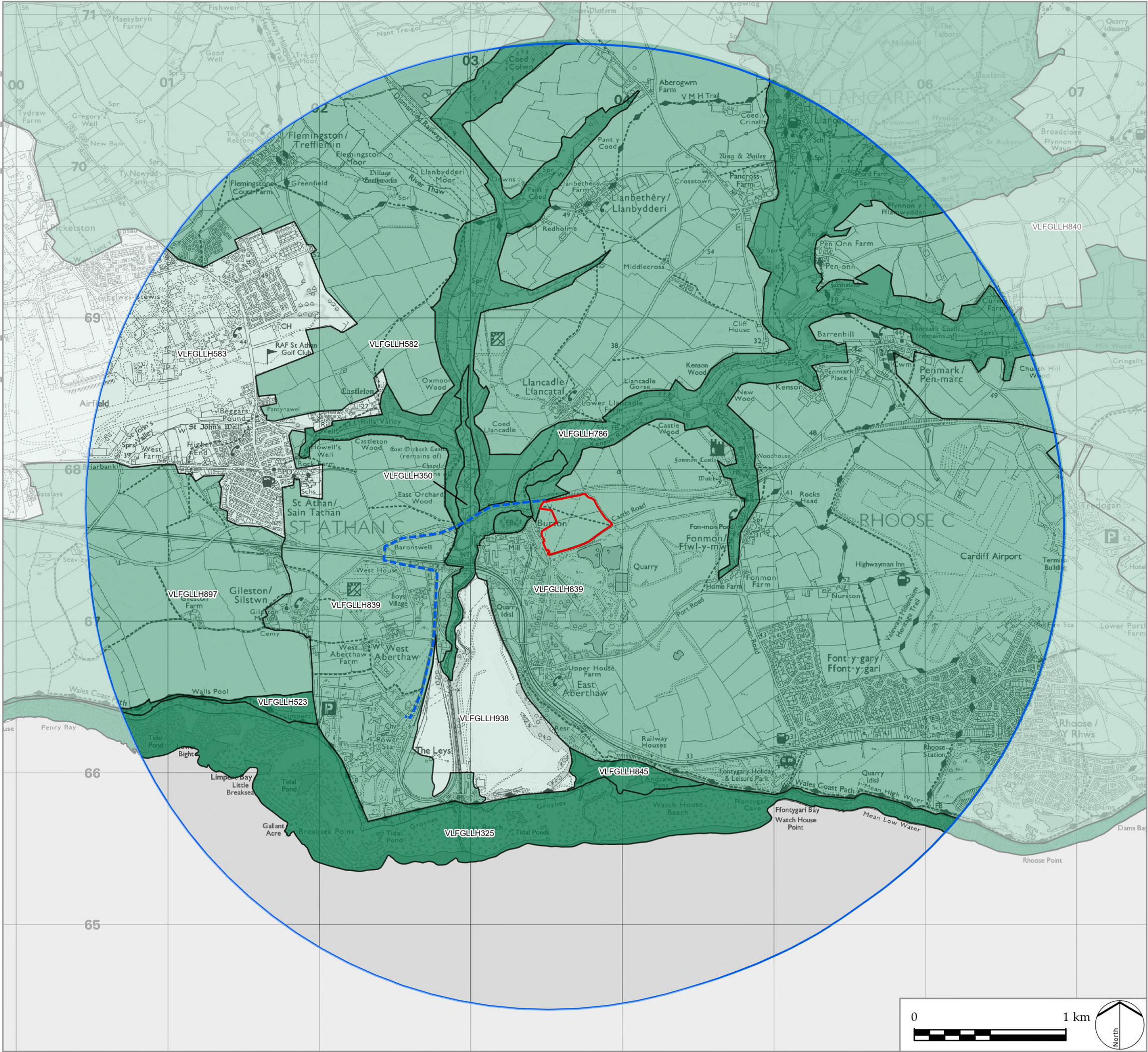
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Sources: Ordnance Survey, DataMapWales

LANDMAP Aspect Area Boundary

Sources: Ordnance Survey, DataMapWales

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LEGEND

Site Boundary

Indicative Cable Route

Study Area (3km)

LANDMAP Aspect: Landscape Habitats

Outstanding

High

Moderate

Low

LANDMAP Aspect Area Boundary

LDĀDESIGN

PROJECT TITLE

CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

DRAWING TITLE

Figure 6(ii) : LANDMAP Landscape Habitats Aspect

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STATUS	Draft	APPROVED RF

DWG. NO. 8919_06(ii)

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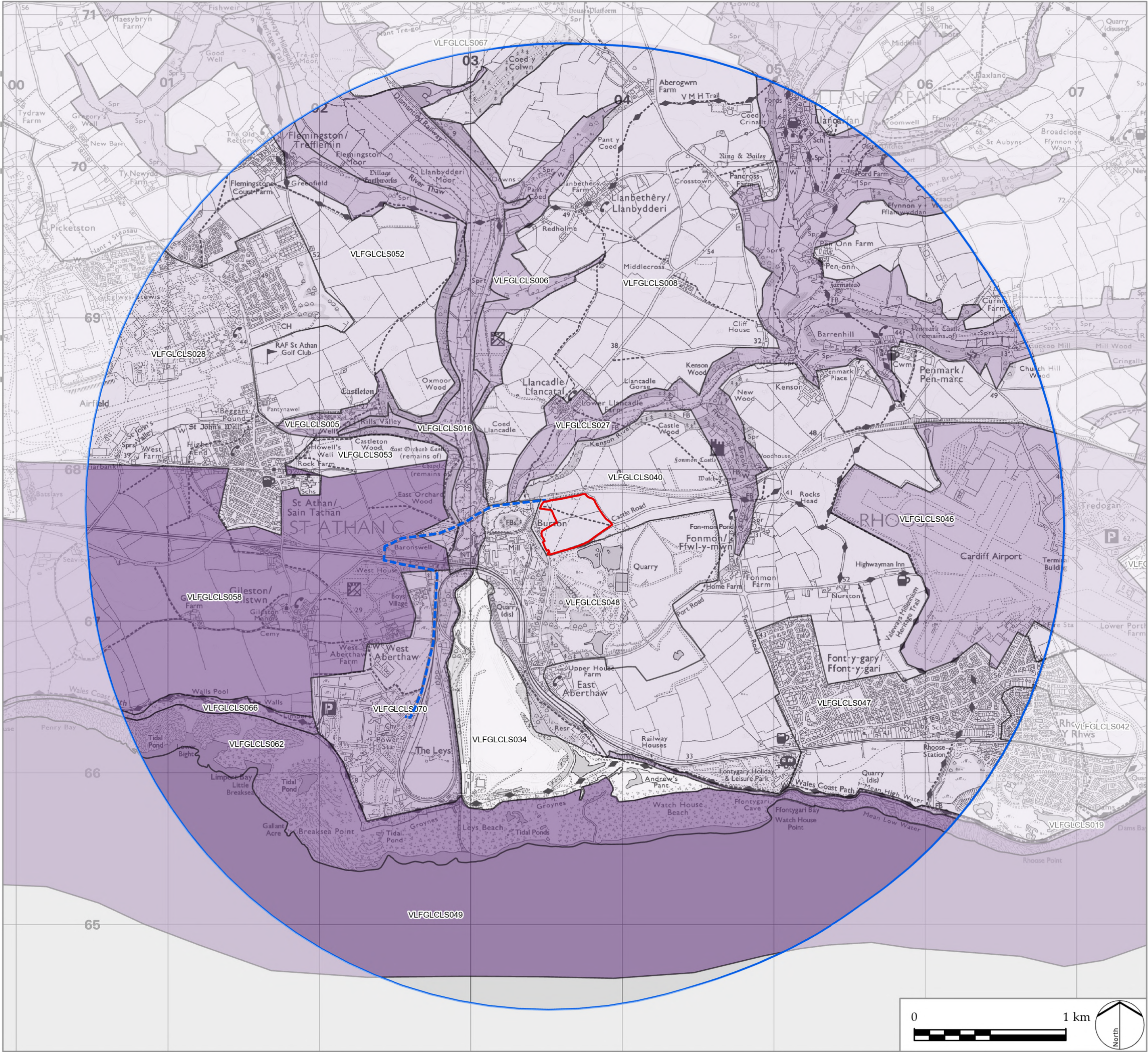
	LANDMAP Aspect Area Boundary
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Sources: Ordnance Survey, DataMapWales

	LANDMAP Aspect Area Boundary
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Sources: Ordnance Survey, DataMapWales

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LEGEND

- Site Boundary
- Indicative Cable Route
- Study Area (3km)

LANDMAP Aspect: Cultural Landscape

- Outstanding
- High
- Moderate
- Low
- LANDMAP Aspect Area Boundary

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Figure 6(v) : LANDMAP Cultural Aspect

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STATUS	Draft	APPROVED RF

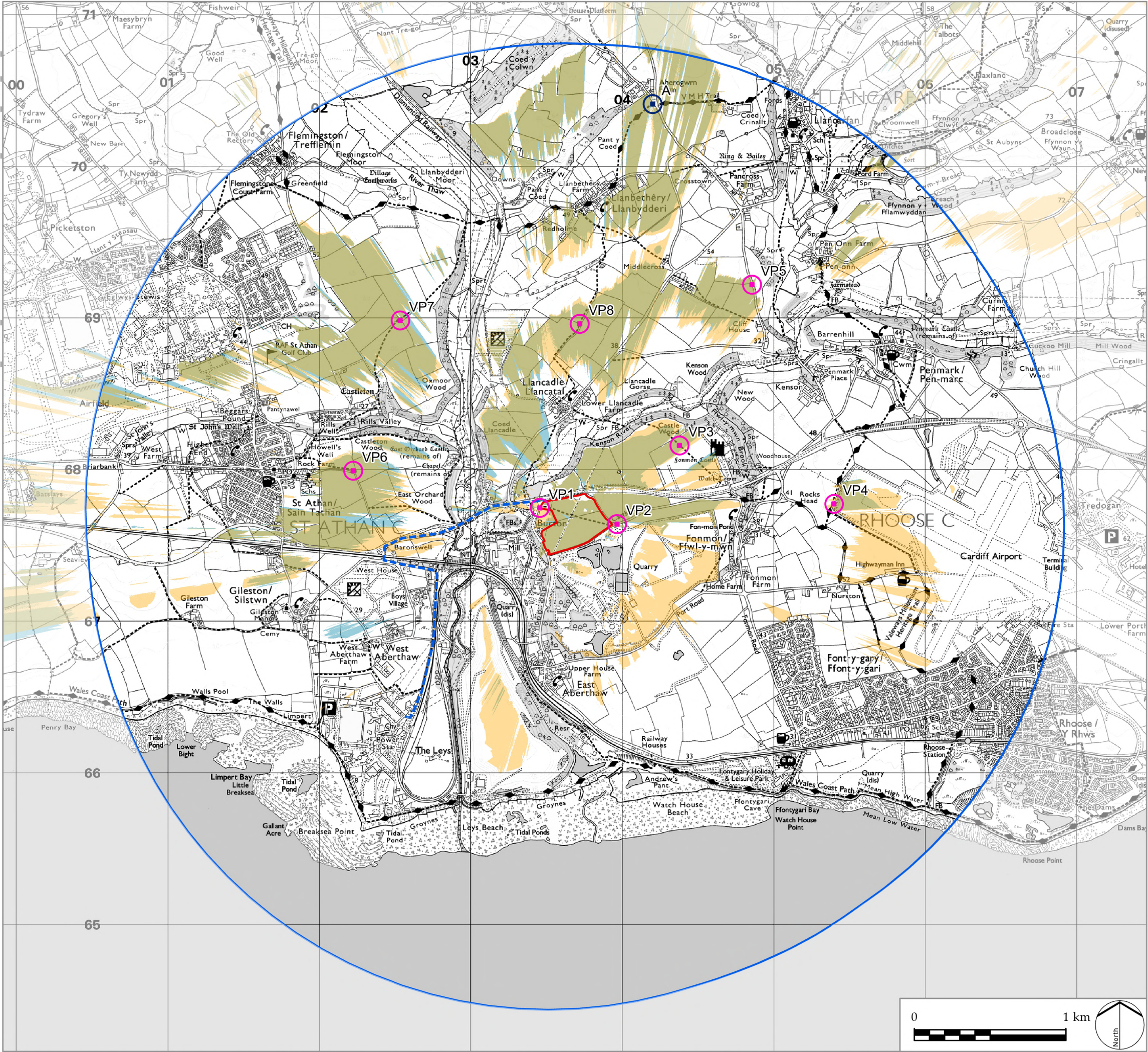
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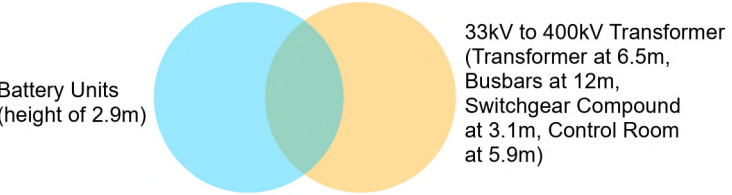
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LEGEND

- Site Boundary
- Indicative Cable Route
- Study Area (3km)
- Viewpoint Locations
 - Representative
 - Illustrative

Zone of Theoretical Visibility (ZTV)



This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 2m² resolution.

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PROJECT TITLE

CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

DRAWING TITLE

Figure 7: Zone of Theoretical Visibility (ZTV) and Viewpoint Locations

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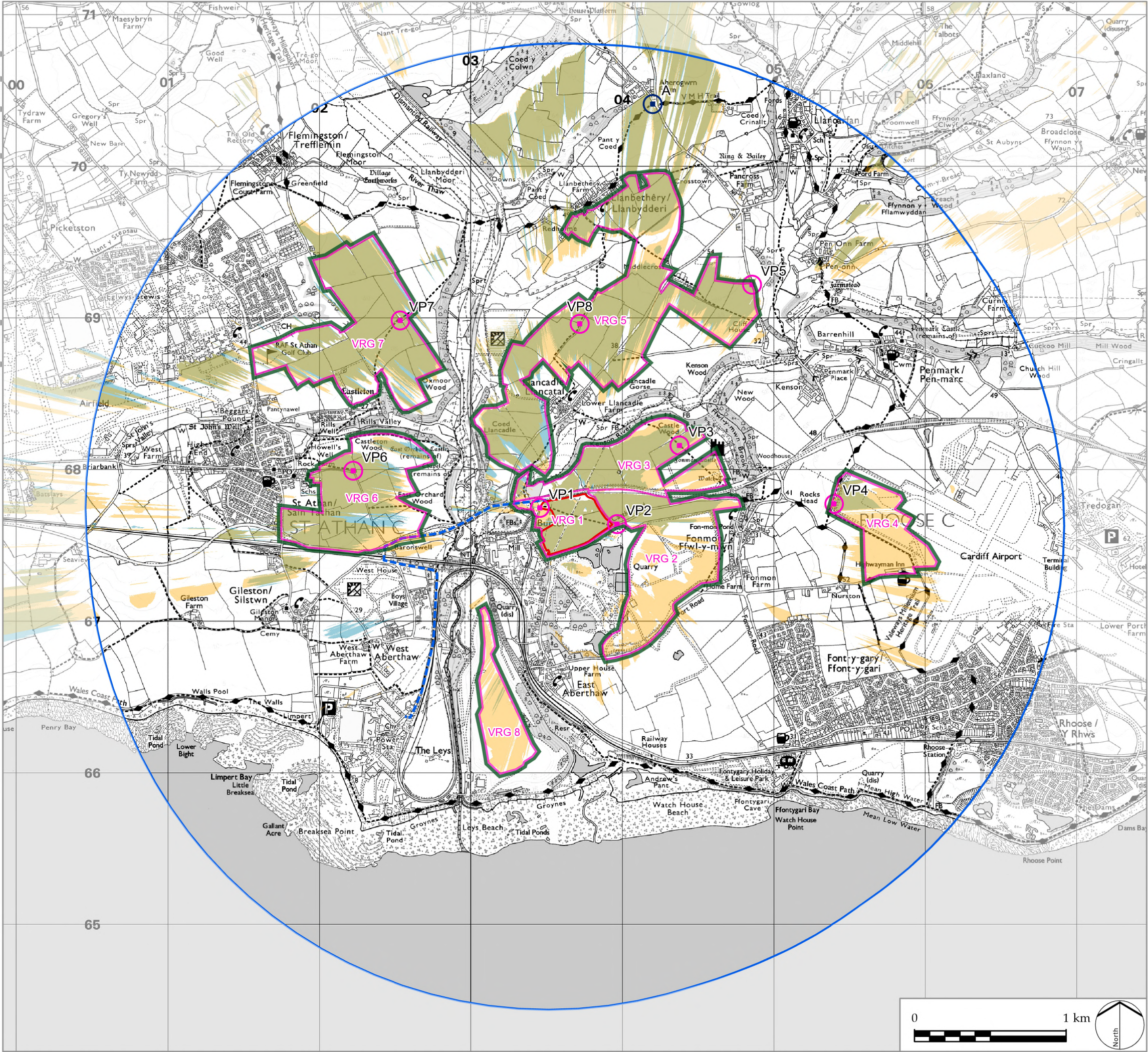
DWG. NO. 8919_07

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LEGEND

Site Boundary

Indicative Cable Route

Study Area (3km)

Viewpoint Locations

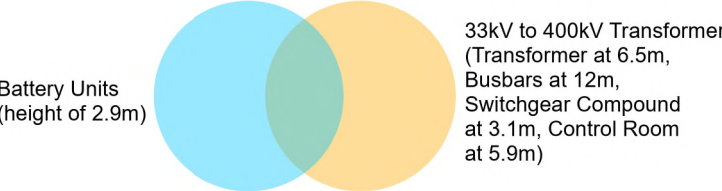
Representative

Illustrative

Zone of Visual Influence (ZVI)

Visual Receptor Groups (VRG's)

Zone of Theoretical Visibility (ZTV)



This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 2m² resolution.

LD A DESIGN

PROJECT TITLE

CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)

DRAWING TITLE

Figure 8: Zone of Theoretical Visibility (ZTV), Zone of Visual Influence (ZVI) and Visual Receptor Groups (VRG's)

ISSUED BY	Bristol	T: 0117 203 3628
DATE	February 2025	DRAWN BFR
SCALE @A3	1:25,000	CHECKED RF
STATUS	Draft	APPROVED RF

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Sources: Ordnance Survey, DataMapWales



Representative Viewpoint 1 (Left) - Intersection of Burton Hill and public footpath P4/5/1, on the north-western edge of Site

ISSUED BY	Bristol	T: 0117 2033 628	
DATE	February 2025	DRAWN	BFr
PAGE SIZE	420mm x 297mm	CHECKED	RF
STATUS	Draft	APPROVED	RF

DWG. NO. 8919_09_01_L

PROJECT TITLE
CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM
(BESS)

DRAWING TITLE
Figure 9.1: Photograph Panel 1 (Left)
Representative Viewpoint 1

Approximate extent of Site



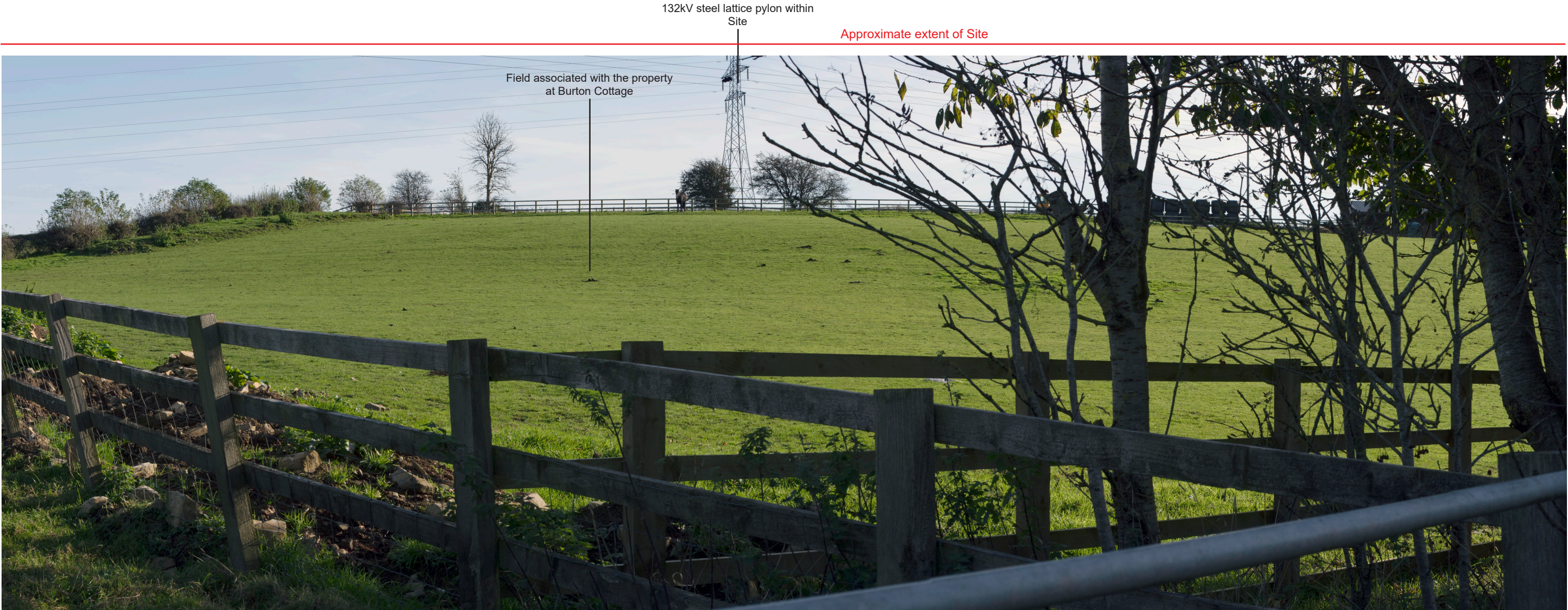
Representative Viewpoint 1 (Left Centre) - Intersection of Burton Hill and public footpath P4/5/1, on the north-western edge of Site

ISSUED BY	Bristol	T: 0117 2033 628	
DATE	February 2025	DRAWN	BFr
PAGE SIZE	420mm x 297mm	CHECKED	RF
STATUS	Draft	APPROVED	RF

DWG. NO. 8919_09_01_LC

PROJECT TITLE
CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM
(BESS)

DRAWING TITLE
Figure 9.1: Photograph Panel 2 (Left Centre)
Representative Viewpoint 1



Representative Viewpoint 1 (Right Centre) - Intersection of Burton Hill and public footpath P4/5/1, on the north-western edge of Site

ISSUED BY	Bristol	T: 0117 2033 628	
DATE	February 2025	DRAWN	BFr
PAGE SIZE	420mm x 297mm	CHECKED	RF
STATUS	Draft	APPROVED	RF

DWG. NO. 8919_09_01_RC

PROJECT TITLE
CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM
(BESS)

DRAWING TITLE
Figure 9.1: Photograph Panel 3 (Right Centre)
Representative Viewpoint 1

Approximate extent of Site



Representative Viewpoint 1 (Right) - Intersection of Burton Hill and public footpath P4/5/1, on the north-western edge of Site

Existing View:

This viewpoint is representative of walkers using public footpath P4/5/1 and motorists on the B4265 highway. The viewpoint is located to the north-west of the Site beyond a stile which leads the footpath into the Site. The foreground of the view comprises a field gate and fence which borders the Site. Existing hedgerows and trees frame the view in the foreground. To the left of the view, the pastoral field which forms the north-western area of the Site rises up to the midground, where further views are foreshortened by the rising topography. Hedgerow trees sit at the top of the rising land. To the right of the view, a field associated with the property at Burton Cottage rises to the midground, where it is bordered by a wooden fence and a medium-sized hedgerow. The 132kV steel lattice pylons and transmission lines extend across the skyline in this viewpoint.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site

compounds and associated lighting would be very prominent in all directions from the foreground to the midground of the view, with the access track located to the left and left centre of the view. The scale of effect during the construction stage would be Large (Adverse) although these effects would be short-term and temporary in nature.

Operational Stage Effects:

The proposed BESS and high voltage substation in the southern field would be glimpsed above the brow of the hill although generally screened by the intervening landform. The access track, landform reprofiling and landscape proposals would be visible at close proximity within the northern field. The scale of effect would be Large (Adverse) in the Medium-term, reducing to Medium (Adverse) in the Long-term once mitigation planting has established.

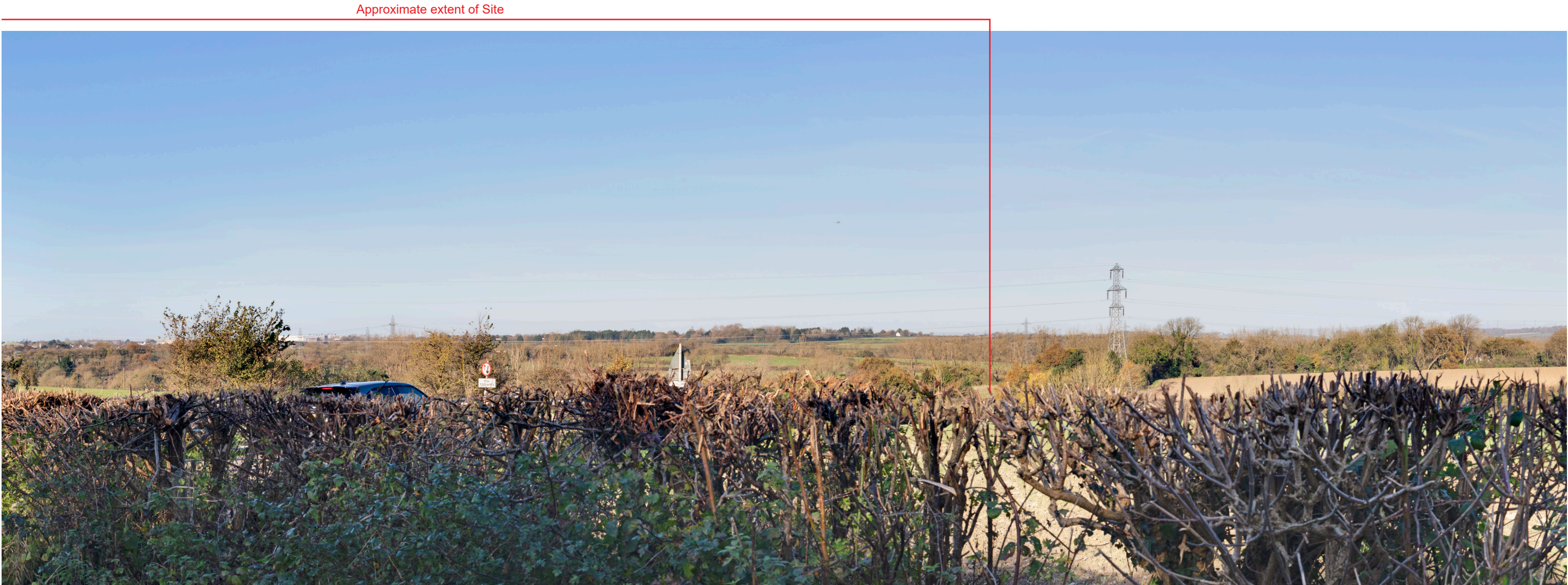
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DATE		February 2025		DRAWN		Ground Level (mAOD):		11.8m		Visualisation Type:		Type 1 (for context)		CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM			
PAGE SIZE		420mm x 297mm		CHECKED		Direction of View: bearing from North (0°):		112°		Photo Date / Time:		13/11/2023 12:50		(BESS)			
STATUS		Draft		APPROVED		Distance to Site:		Site Boundary (1m)		Camera Model and Sensor Format:		Canon EOS 6D, FFS		DRAWING TITLE			
						Horizontal Field of View:		240° (Cylindrical projection)		Lens Make, Model and Focal Length:		Canon EF50mm f/1.8 STM		Figure 9.1: Photograph Panel 4 (Right)			
								Paper Size:		420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD):		1.5m		Representative Viewpoint 1	
DWG. NO. 8919_09_01_R																	



Representative Viewpoint 2 (Left) - Castle Road, close to the eastern edge of the Site

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DATE		February 2024		DRAWN		CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM	
PAGE SIZE		420mm x 297mm		CHECKED		(BESS)	
STATUS		Draft		APPROVED		DRAWING TITLE	
				RF		Figure 9.2: Photograph Panel 1 (Left)	
						Representative Viewpoint 2	
DWG. NO. 8919_09_02_L							

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Representative Viewpoint 2 (Right) - Castle Road, close to the eastern edge of the Site

Existing View:

This view is representative of motorists using Castle Road, to the south-east of the Site. The foreground of the view comprises Castle Road and its grass verge, and the short, robust hedgerows along the southern boundary of the Site. The southern field of the Site can be seen at close proximity within views beyond the hedgerow in the midground. The Aberthaw Cement Works is prominent beyond the Site, rising above the mature woodland which partially screens it. To the right, there are long distance views of St Athan and woodland to the east of the village. The 133kV pylons and overhead lines are visible within the Site.

Construction Stage Effects:

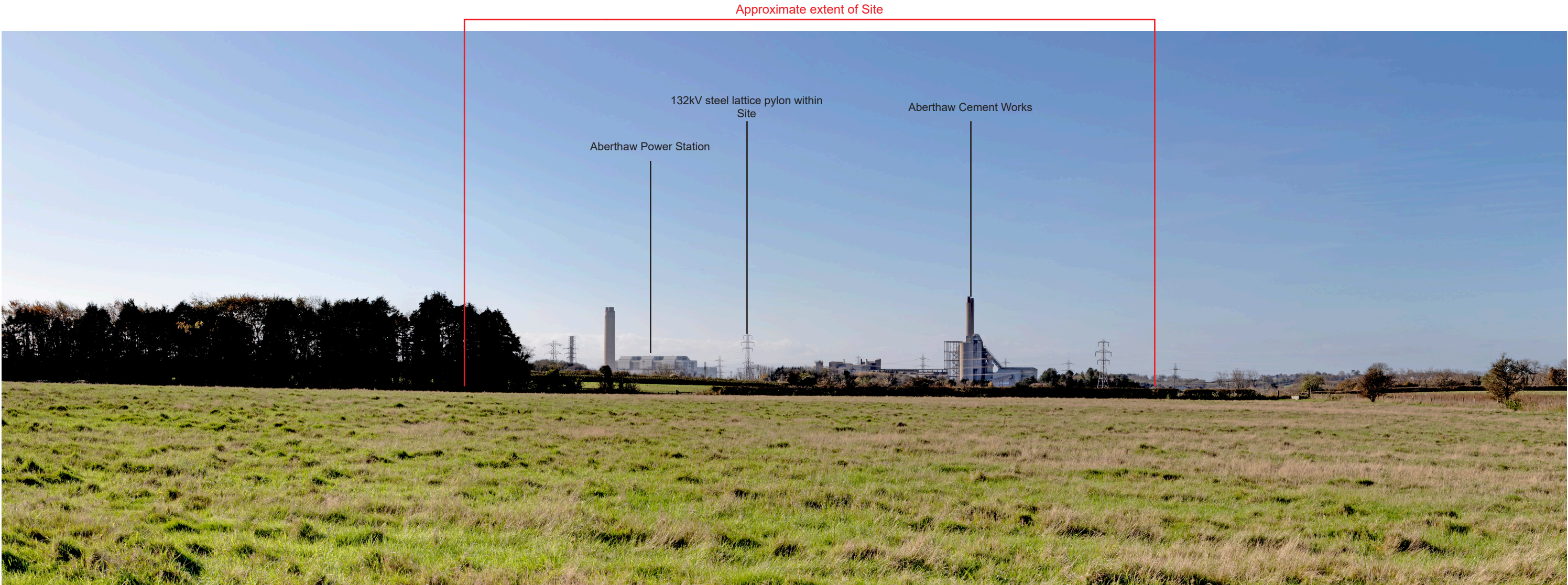
During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site compounds and associated lighting would be very prominent in all directions from the foreground to the midground of the view. The scale of effect during the construction stage would be **Large** (Adverse) although these effects would be short

term and temporary in nature.

Operational Stage Effects:

The proposed BESS and high voltage substation compounds would be visible at close proximity above the intervening hedgerow, with battery units and substation components appearing prominently from the centre left to the centre right of the view. The scale of effect would be **Large** (Adverse) in the Medium-term reducing to Medium (Adverse) in the Long-term once mitigation planting has established.

ISSUED BY	Bristol	T: 0117 2033 628		Camera Location (OS Grid Reference):	303965 E 167641 N	Enlargement Factor:	N/A	PROJECT TITLE CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)
DATE	February 2025	DRAWN	BFr	Ground Level (mAOD):	34.8m	Visualisation Type:	Type 1 (for context)	
PAGE SIZE	420mm x 297mm	CHECKED	RF	Direction of View: bearing from North (0°):	277°	Photo Date / Time:	13/11/2023 09:40	
STATUS	Draft	APPROVED	RF	Distance to Site:	49m	Camera Model and Sensor Format:	Canon EOS 6D, FFS	
DWG. NO. 8919_09_02_R				Horizontal Field of View:	120° (Cylindrical projection)	Lens Make, Model and Focal Length:	Canon EF50mm f/1.8 STM	
				Paper Size:	420mm x 297mm (A3)	Height of Camera Lens above Ground (mAOD):	1.5m	



Representative Viewpoint 3 - Public footpath P4/6/2 in the grounds of Fonmon Castle, north-east of the Site

Existing View:

This view is representative of walkers using public footpath P4/6/2 and visitors within the grounds of Fonmon Castle (Registered Park and Garden). The viewpoint is located within the Nant Llancarfan Special Landscape Area (SLA) designation. The view is largely flat, with a very slightly rolling topography. The foreground of the view comprises the large rough grassland field which is part of the grounds at Fonmon Castle stretching to the midground. To the left of the view, a treebelt on the edge of the field largely screens views beyond, while towards the centre, the decommissioned Aberthaw Power Station can be seen prominently in the background of the view. The Aberthaw Cement Works and Power Station can be seen prominently to the right of the view, while existing energy infrastructure contributes strongly to the view, with overhead lines crossing the view and several steel lattice towers visible.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site

compounds and associated lighting would be visible to the centre midground of the view. The scale of effect during the construction stage would be **Medium-Small** (Adverse) although these effects would be Short-Term and temporary in nature.

Operational Stage Effects:

The Proposed Development will be seen from here, with battery units and substation infrastructure visible above the hedgerow to the centre of the view. The Proposed Development will be viewed in the context of existing overhead line infrastructure and the Aberthaw Power Station and Aberthaw Cement Works. The scale of effect would be **Medium-Small** (Adverse) in the Medium-term reducing to **Small** (Adverse) in the Long-term once mitigation planting has established.

ISSUED BY	Bristol	T: 0117 2033 628		Camera Location (OS Grid Reference):	304376 E 168160 N	Enlargement Factor:	N/A	PROJECT TITLE CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)
DATE	February 2025	DRAWN	BFr	Ground Level (mAOD):	35.3m	Visualisation Type:	Type 1 (for context)	
PAGE SIZE	420mm x 297mm	CHECKED	RF	Direction of View: bearing from North (0°):	234°	Photo Date / Time:	13/11/2023 11:25	
STATUS	Draft	APPROVED	RF	Distance to Site:	0.68km	Camera Model and Sensor Format:	Canon EOS 6D, FFS	
				Horizontal Field of View:	60° (Cylindrical projection)	Lens Make, Model and Focal Length:	Canon EF50mm f/1.8 STM	
				Paper Size:	420mm x 297mm (A3)	Height of Camera Lens above Ground (mAOD):	1.5m	DRAWING TITLE
DWG. NO. 8919_09_03				Figure 9.3: Photograph Panel 1 Representative Viewpoint 3				



Representative Viewpoint 4 - Public footpath P4/15/1 and the Valeways Millennium Heritage Trail (Long Distance Path) next to Cardiff Airport, to the east of the Site

Existing View:

This view is representative of walkers using public footpath P4/15/1 and the Valeways Millennium Heritage Trail where it passes Cardiff Airport. The foreground of the view comprises arable farmland in which the footpath sits, which extends to the midground and is bounded by hedgerows. Views to the background are largely foreshortened by trees and woodland at Fonmon Castle and around the hamlet of Fonmon, although the infrastructure at Aberthaw Cement Works and Power Station can be seen above the vegetation on the skyline

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site compounds and associated lighting is unlikely to be visible in the background of the view. The scale of effect during the construction stage would be **Negligible** (Neutral).

Operational Stage Effects:

The Proposed Development may be barley perceptible in the background of beyond existing woodland vegetation. The scale of effect would be **Negligible** (Adverse) during the Medium-term and the Long-term.

ISSUED BY Bristol T: 0117 2033 628				Camera Location (OS Grid Reference): 305398 E 167775 N		Enlargement Factor: N/A		PROJECT TITLE CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)
DATE February 2025				Ground Level (mAOD): 53m		Visualisation Type: Type 1 (for context)		
PAGE SIZE 420mm x 297mm				Direction of View: bearing from North (0°): 265°		Photo Date / Time: 13/11/2023 10:35		
STATUS Draft				Distance to Site: 1.45km		Camera Model and Sensor Format: Canon EOS 6D, FFS		
DRAWN BFr				Horizontal Field of View: 60° (Cylindrical projection)		Lens Make, Model and Focal Length: Canon EF50mm f/1.8 STM		
CHECKED RF				Paper Size: 420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD): 1.5m		DRAWING TITLE Figure 9.4: Photograph Panel 1 Representative Viewpoint 4
APPROVED RF								
DWG. NO. 8919_09_04								

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Representative Viewpoint 5 - Unnamed road south of Pancross Farm, to the north east of Site

Existing View:

This view is representative of motorists using the road south of Pancross Farm and is located within the Nant Llancarfan Special Landscape Area (SLA). The foreground of the view comprises a pastoral field which stretches to the midground. The left, the view is foreshortened by woodland to the south of the viewpoint, while the view towards the centre offers some oblique views of fields with a wooded character. To the right, the existing infrastructure of the Aberthaw Cement Works and Power Station appears prominent on the skyline. The right of the view is foreshortened by rising topography.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site compounds and associated lighting may be perceptible in the middle distance, beyond the existing vegetation. The scale of effect during the construction stage would be **Small** (Adverse) although these effects would be short-term and temporary in nature.

Operational Stage Effects:

The Proposed Development would be perceptible in the middle distance although existing vegetation which will screen the majority of the development. The existing screening, in addition to the distance from the Site, would result in a **Small** (Adverse) scale of effect in the Medium-term, reducing to a **Small-negligible** (Neutral) effect in the Long-term, once mitigation planting has established.

ISSUED BY Bristol T: 0117 2033 628				Camera Location (OS Grid Reference): 304855 E 169220 N		Enlargement Factor: N/A		PROJECT TITLE CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)
DATE February 2025		DRAWN BFr		Ground Level (mAOD): 47.6m		Visualisation Type: Type 1 (for context)		
PAGE SIZE 420mm x 297mm		CHECKED RF		Direction of View: bearing from North (0°): 217°		Photo Date / Time: 13/11/2023 12:10		
STATUS Draft		APPROVED RF		Distance to Site: 1.77km		Camera Model and Sensor Format: Canon EOS 6D, FFS		
				Horizontal Field of View: 60° (Cylindrical projection)		Lens Make, Model and Focal Length: Canon EF50mm f/1.8 STM		
DWG. NO. 8919_09_05				Paper Size: 420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD): 1.5m		
								DRAWING TITLE Figure 9.5: Photograph Panel 1 Representative Viewpoint 5



Representative Viewpoint 6 - Intersection of public footpath S2/7/1 and unnamed road east of St Athan Primary School, to the west of the Site

Existing View:

This view is representative of walkers using public footpath S2/7/1 and motorists using the unnamed road just to the east of the village of St Athan. The foreground of the view is comprised of pastoral farmland in which the footpath sits and field boundaries, which comprise a mixture of short hedgerows, stockproof fencing, stone walls and metal gates. Beyond, a relatively flat pastoral field extends to the midground, bounded by a short but robust hedgerow. Towards the background of the view, the hill which sits between East and West Aberthaw can be seen rising up to the right, with Aberthaw Cement Works sitting prominently towards the centre of the view. Energy infrastructure also contributes to the skyline, with several overhead lines and steel lattice towers visible to the background. Beyond, rolling hills with woodland treecover encloses the skyline within these long-distance views.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site

compounds and associated lighting may be distantly perceptible above the hedgerows towards the background of the view. The scale of effect during the construction stage would be **Small** (Adverse) although these effects would be short term and temporary in nature.

Operational Stage Effects:

The taller components of the proposed BESS and high voltage substation would be distantly perceptible above the hedgerow in the background of the view. There may be glimpsed views of the battery units in the middle distance, but they will be largely screened by existing vegetation. The existing screening, in addition to the distance from the Site, would result in a **Small** (Adverse) scale of effect in the Medium-term, reducing to a **Small-Negligible** (Neutral) effect in the Long-term, once mitigation planting has established.

ISSUED BY		Bristol		T: 0117 2033 628		Camera Location (OS Grid Reference):		302222 E 167993 N		Enlargement Factor:		N/A		PROJECT TITLE CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)	
DATE		February 2025		DRAWN		Ground Level (mAOD):		36.1m		Visualisation Type:		Type 1 (for context)			
PAGE SIZE		420mm x 297mm		CHECKED		Direction of View: bearing from North (0°):		105°		Photo Date / Time:		13/11/2023 13:25			
STATUS		Draft		APPROVED		Distance to Site:		1.21km		Camera Model and Sensor Format:		Canon EOS 6D, FFS			
DWG. NO. 8919_09_06						Horizontal Field of View:		60° (Cylindrical projection)		Lens Make, Model and Focal Length:		Canon EF50mm f/1.8 STM		DRAWING TITLE Figure 9.6: Photograph Panel 1 Representative Viewpoint 6	
						Paper Size:		420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD):		1.5m			



Representative Viewpoint 7 - Public footpath S2/6/4 to the north of Castleton, St Athan, to the north west of the Site

Existing View:

This view is representative of walkers using public footpath S2/6/4. The viewpoint is located within the Upper and Lower Thaw Valley Special Landscape Area (SLA). The foreground of the view is dominated by the arable field in which the viewpoint sits, which stretches to the midground. A mature hedgerow sits to the left of the foreground, curving right to the midground, where the hedgerow becomes short, robust and well-managed. The background of the view comprises rising topography with some rectilinear fields and patches of woodland, with the Aberthaw Cement Works sitting prominently to the right-centre. The background of the view comprises several pylons and overhead lines visible on the skyline.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site compounds and associated lighting would be partially visible to the centre midground of the view. The scale of effect during the construction stage would be **Small** (Adverse) although these effects would be short term and temporary in

nature.

Operational Stage Effects:

The proposed BESS and high voltage substation would be distantly perceptible within the southern field towards the background of the view above the hedgerow in the midground. However, these views would be in the context of the Aberthaw Cement Works. The scale of effect would be **Small** (Adverse) in the Medium-term, reducing to **Small-negligible** (Neutral) in the Long-term once mitigation planting has established.

ISSUED BY				Bristol		T: 0117 2033 628		Camera Location (OS Grid Reference):		302535 E 168984 N		Enlargement Factor:		N/A		PROJECT TITLE			
DATE				February 2025		DRAWN		BFr		Ground Level (mAOD):		40.7m		Visualisation Type:		Type 1 (for context)		CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM	
PAGE SIZE				420mm x 297mm		CHECKED		RF		Direction of View: bearing from North (0°):		140°		Photo Date / Time:		13/11/2023 14:15		(BESS)	
STATUS				Draft		APPROVED		RF		Distance to Site:		1.52km		Camera Model and Sensor Format:		Canon EOS 6D, FFS			
										Horizontal Field of View:		60° (Cylindrical projection)		Lens Make, Model and Focal Length:		Canon EF50mm f/1.8 STM		DRAWING TITLE	
										Paper Size:		420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD):		1.5m		Figure 9.7: Photograph Panel 1	
																		Representative Viewpoint 7	
DWG. NO. 8919_09_07																			



Representative Viewpoint 8 - Public footpath L5/14/1 north of Llancadle, to the north of the Site

Existing View:

This view is representative of walkers using public footpath L5/14/1. The viewpoint is located with the Upper and Lower Thaw Valley Special Landscape Area (SLA). The view is generally characterised by an open well-treed agricultural landscape set on gently rolling topography. The foreground of the view comprises a large rectilinear field in which the viewpoint sits, boundaried by a short, robust hedgerow. Both the field and the hedgerow stretch to the midground, where they fall away to offer long-distance views of the rising topography beyond, with some glimpsed views of the Bristol Channel and the Quantock Hills in the far distance visible on clear days. To the background of the right of the view, the Aberthaw Cement Works, Power Station, pylons and transmission lines are prominent features on the skyline.

Construction Stage Effects:

During the construction stage, the movement of plant, machinery, excavation and lifting equipment, cranes, site compounds and associated lighting will be partially visible to the background of the view. The scale of effect during the

construction stage would be **Small** (Adverse) although these effects would be short term and temporary in nature.

Operational Stage Effects:

The proposed BESS and high voltage substation would be partially visible in the middle distance, beyond existing vegetation which screens the majority of the Site. The proposed BESS and high voltage substation would appear setback against the woodland backdrop in the context of the Aberthaw Cement Works and Power Station. The existing screening, in addition to the distance from the Site, would result in a **Small** (Adverse) scale of effect in the Medium-term, reducing to a **Small-Negligible** (Neutral) effect in the Long-term, once mitigation planting has established.

ISSUED BY				Bristol		T: 0117 2033 628		Camera Location (OS Grid Reference):		303719 E 168962 N		Enlargement Factor:		N/A		PROJECT TITLE	
DATE				February 2025		DRAWN		Ground Level (mAOD):		44.3m		Visualisation Type:		Type 1 (for context)		CASTLE ROAD BATTERY ENERGY STORAGE SYSTEM (BESS)	
PAGE SIZE				420mm x 297mm		CHECKED		Direction of View: bearing from North (0°):		182°		Photo Date / Time:		13/11/2023 15:20			
STATUS				Draft		APPROVED		Distance to Site:		1.15km		Camera Model and Sensor Format:		Canon EOS 6D, FFS			
								Horizontal Field of View:		60° (Cylindrical projection)		Lens Make, Model and Focal Length:		Canon EF50mm f/1.8 STM		DRAWING TITLE	
								Paper Size:		420mm x 297mm (A3)		Height of Camera Lens above Ground (mAOD):		1.5m			
DWG. NO. 8919_09_08				Figure 9.8: Photograph Panel 1 Representative Viewpoint 8													

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Illustrative Viewpoint A - Intersection of public footpath L5/11/1 / The Valeways Millennium Heritage Trail (Long Distance Path) and unnamed road at Aberogwrn Farm

ISSUED BY		Bristol	T: 0117 2033 628		PROJECT TITLE		
DATE		February 2025	DRAWN		BFr		
PAGE SIZE		420mm x 297mm	CHECKED		RF		
STATUS		Draft	APPROVED		RF		
DWG. NO. 8919_10						DRAWING TITLE	
						Figure 10: Photograph Panel 1	
						Illustrative Viewpoint A	