

- Legend**
- Onshore Scheme
 - Indicative Onshore Converter Station Platform
 - Onshore Converter Station Zone - 1km Radii
 - Onshore Converter Station Zone - 3km Study Area
 - HVAC/HVDC Landfall Zones - 1km Radius

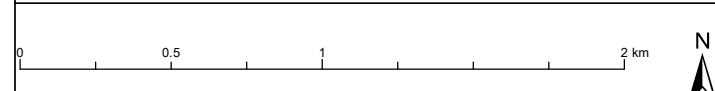
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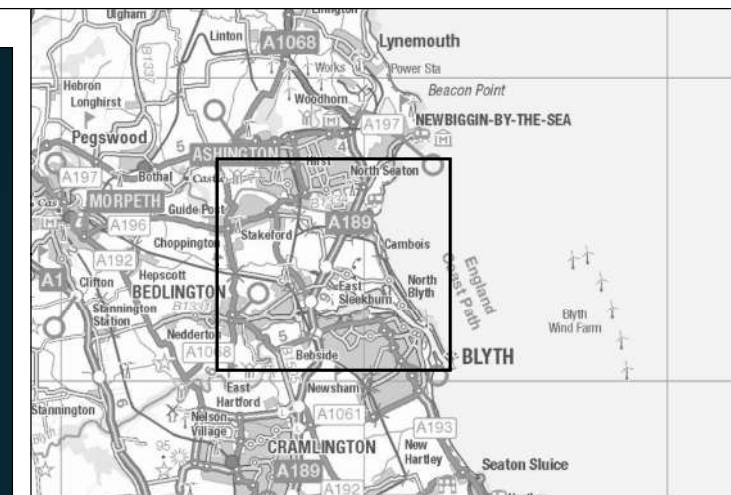
Project
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Title
**Figure 7.1
 Site Location and Study Area**



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Scale	Plot Size	Datum	Projection
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- Legend**
- Onshore Scheme
 - Indicative Onshore Converter Station Platform
 - Onshore Converter Station Zone - 1km Radii
 - Onshore Converter Station Zone - 3km Study Area
 - HVAC/HVDC Landfall Zones - 1km Radius

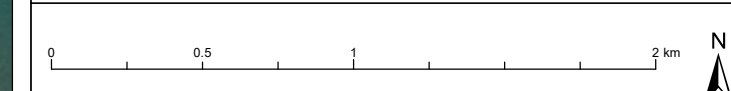
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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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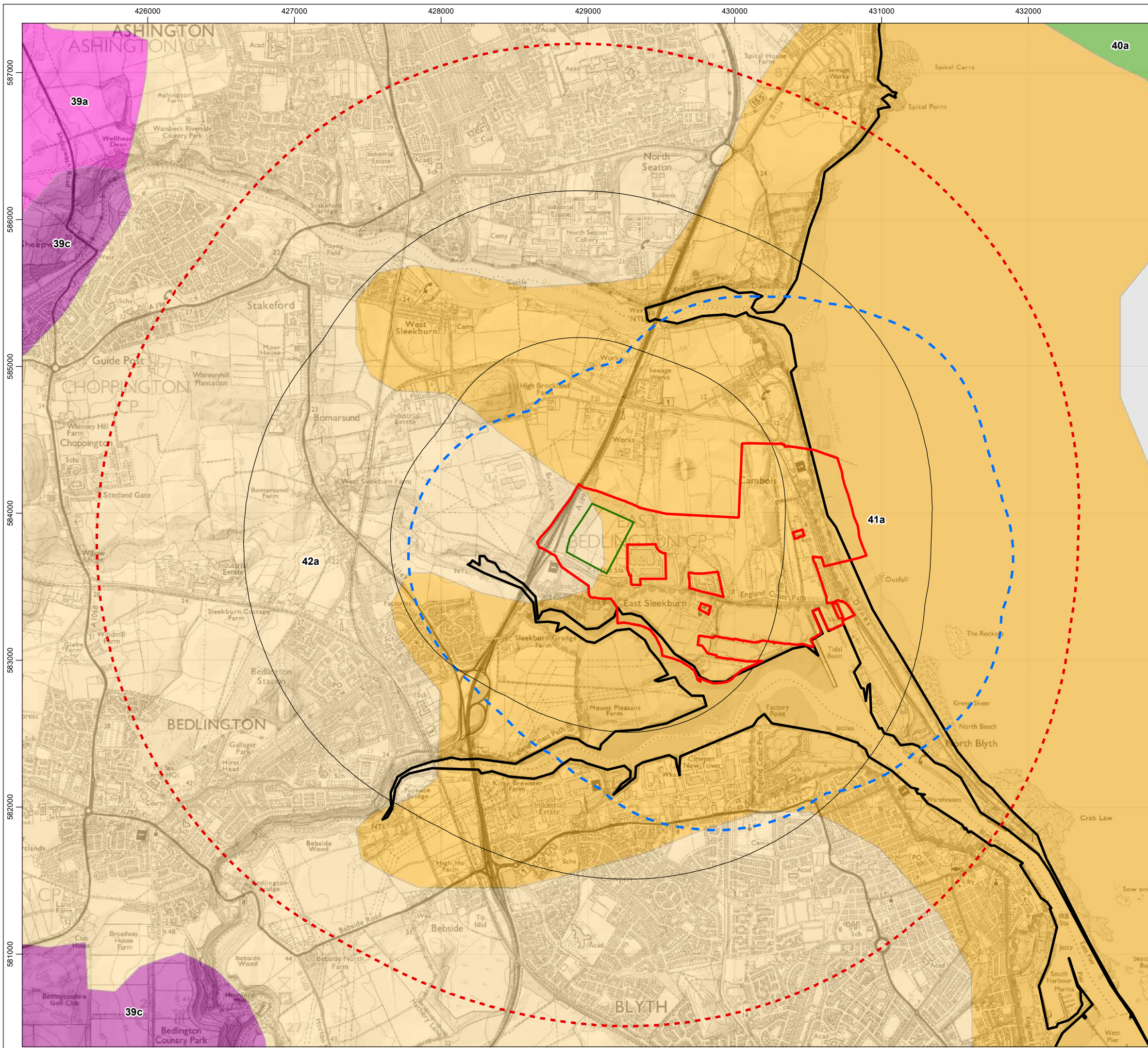
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Title
**Figure 7.2
Aerial Mapping**



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			001 OF 001



Legend

- Onshore Scheme
- Indicative Onshore Converter Station Platform
- Onshore Converter Station Zone - 1km Radii
- Onshore Converter Station Zone - 3km Study Area
- HVAC/HVDC Landfall Zones area - 1km Radius

National Character Area

Source: Natural England National Character Areas 2023

- South East Northumberland Coastal Plain



Northumberland Landscape Character

Source: Northumberland Landscape Character Assessment 2010

- 39a. Coalfield Farmland. Coastal Coalfields
- 39b. Coalfield Farmland. Seaton Delaval
- 39c. Coalfield Farmland. Stannington
- 40a. Broad Bays and Dunes. Druridge Bay
- 41a. Developed Coast. Blyth and Wansbeck Estuaries
- 42a. Urban Fringe. Ashington, Blyth and Cramlington



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Title
**Figure 7.3
Landscape Character**

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Legend

- Onshore Scheme
- Indicative Onshore Converter Station Platform
- Onshore Converter Station Zone - 1km Radii
- Onshore Converter Station Zone - 3km Study Area
- HVAC/HVDC Landfall Zones - 1km Radius
- Settlement
 1. Sandy Bay Holiday Park
 2. Cambois, Wembley Gardens
 3. Cambois Unity, Terrace
 4. Harbour View
 5. East Sleekburn, Firefly Drive
 6. Spring Ville
- England Coast Path
- National Cycle Route
- Public Right of Way
- A Road
- B Road
- Country Park
- Local Nature Reserve

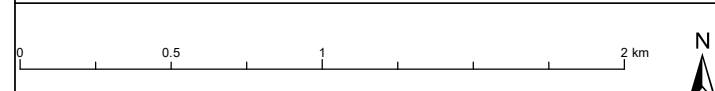
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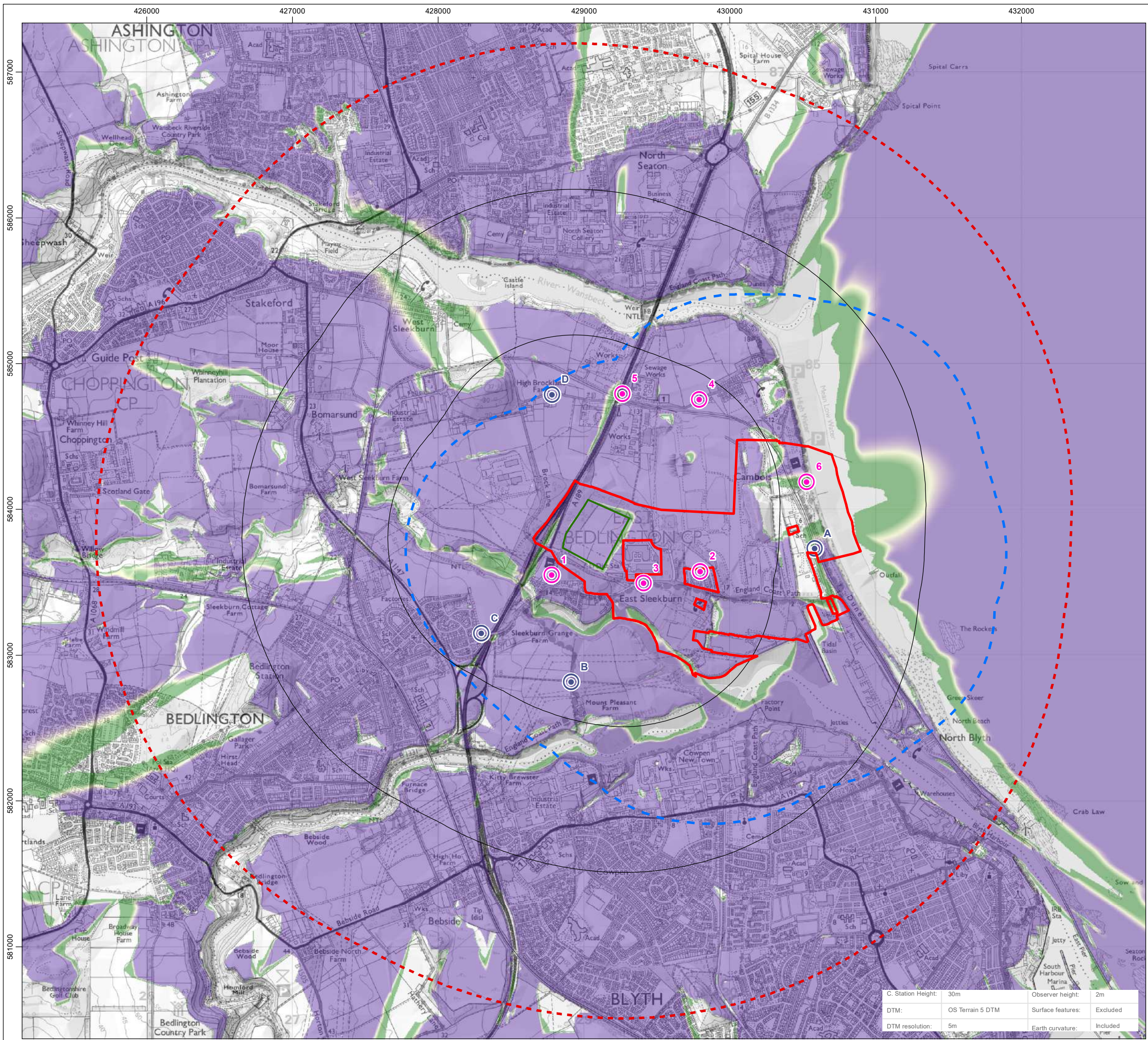
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Title
**Figure 7.4
Principal Visual Receptors**



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Legend

- Onshore Scheme
 - Indicative Onshore Converter Station Platform
 - Onshore Converter Station Zone - 1km Radii
 - Onshore Converter Station Zone - 3km Study Area
 - HVAC/HVDC Landfall Zones - 1km Radius
 - Viewpoint
 - Illustrative Viewpoint
1. Spring Ville / Brock Lane, East Sleekburn
 2. Northfield / Waterfield Road, near East Sleekburn
 3. Brock Lane / England Coast Path / NCN 1
 4. Wembley Gardens, Cambois
 5. A189, southbound
 6. Cambois, south of beach car park
- Illustrative Viewpoint
 - A. Cambois, north of Selbourne Terrace
 - B. England Coast Path, PRoW, south of Sleek Burn
 - C. East of Bedlington, field gate
 - D. Brock Lane, near High Brockland Farm, west of A189
- Zone of Theoretical Visibility of MDS Converter Station Envelope*
- Higher Theoretical Visibility
 - Lower Theoretical Visibility

*Assumes a platform level of 15.2m AOD

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CAMBOIS CONNECTION ONSHORE SCHEME

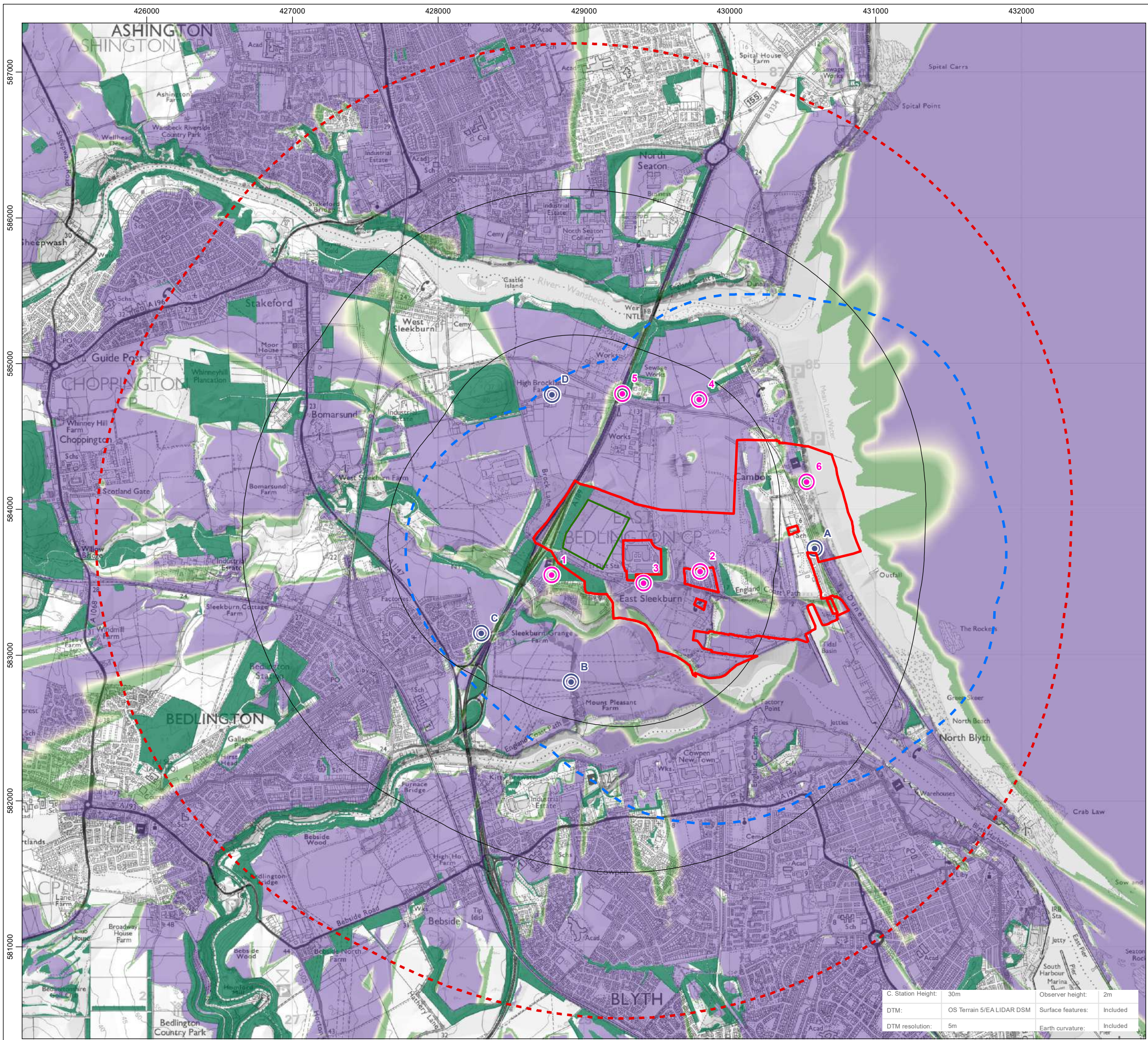
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**Figure 7.5
Converter Station MDS Bare-Ground ZTV
with Viewpoints**



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Scale	Plot Size	Datum	Projection
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C. Station Height:	30m	Observer height:	2m
DTM:	OS Terrain 5 DTM	Surface features:	Excluded
DTM resolution:	5m	Earth curvature:	Included



Legend

- Onshore Scheme
- Indicative Onshore Converter Station Platform
- Onshore Converter Station Zone - 1km Radii
- Onshore Converter Station Zone - 3km Study Area
- HVAC/HVDC Landfall Zones - 1km Radius
- Viewpoint
- Illustrative Viewpoint
- 1. Spring Ville / Brock Lane, East Sleekburn
- 2. Northfield / Waterfield Road, near East Sleekburn
- 3. Brock Lane / England Coast Path / NCN 1
- 4. Wembley Gardens, Cambois
- 5. A189, southbound
- 6. Cambois, south of beach car park
- A. Cambois, north of Selbourne Terrace
- B. England Coast Path, PRoW, south of Sleek Burn
- C. East of Bedlington, field gate
- D. Brock Lane, near High Brockland Farm, west of A189
- Woodland to be Retained
- Zone of Theoretical Visibility of MDS Converter Station Envelope
- Higher Theoretical Visibility
- Lower Theoretical Visibility

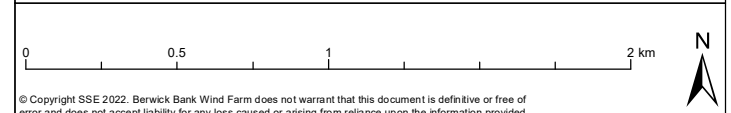
*Assumes a platform level of 15.2m AOD. Woodland height derived from Environment Agency DSM.
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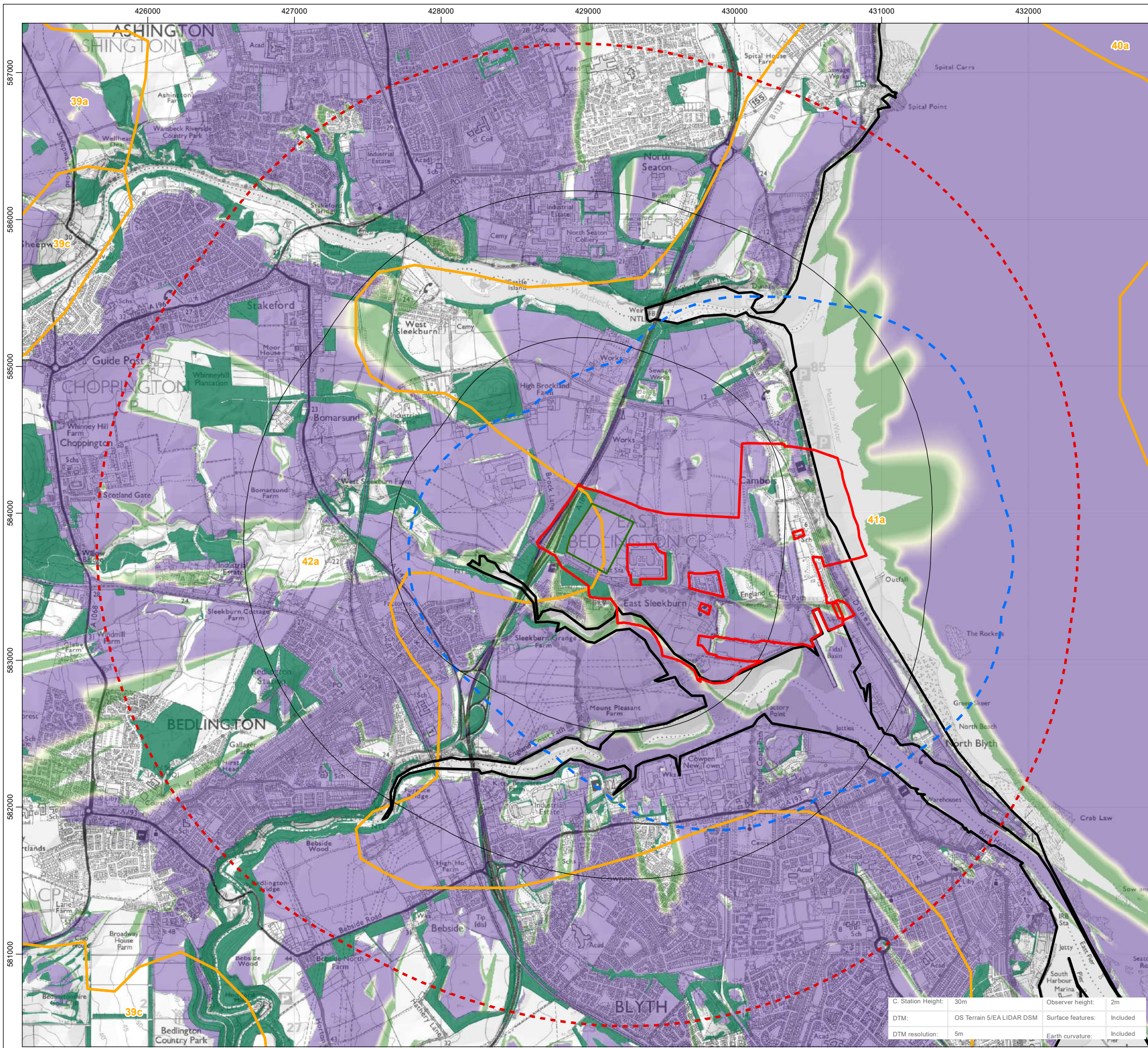


CAMBOIS CONNECTION ONSHORE SCHEME

**Figure 7.6
Converter Station MDS Screened ZTV
with Viewpoints**



C. Station Height:	30m	Observer height:	2m
DTM:	OS Terrain 5/EA LIDAR DSM	Surface features:	Included
DTM resolution:	5m	Earth curvature:	Included



Legend

- Onshore Scheme
- Indicative Onshore Converter Station Platform
- Onshore Converter Station Zone - 1km Radii
- Onshore Converter Station Zone - 3km Study Area
- HVAC/HVDC Landfall Zones - 1km Radius
- National Character Area
- South East Northumberland Coastal Plain
- Northumberland Landscape Character

Source: *Natural England National Character Areas 2023*

- 39a. Coalfield Farmland. Coastal Coalfields
- 39b. Coalfield Farmland. Seaton Delaval
- 39c. Coalfield Farmland. Stannington
- 40a. Broad Bays and Dunes. Druridge Bay
- 41a. Developed Coast. Blyth and Wansbeck Estuaries
- 42a. Urban Fringe. Ashington, Blyth and Cramlington

Woodland to be Retained

Zone of Theoretical Visibility of MDS Converter Station Envelope

- Higher Theoretical Visibility
- Lower Theoretical Visibility

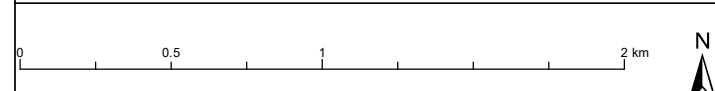
*Assumes a platform level of 15.2m AOD. Woodland height derived from Environment Agency DSM.
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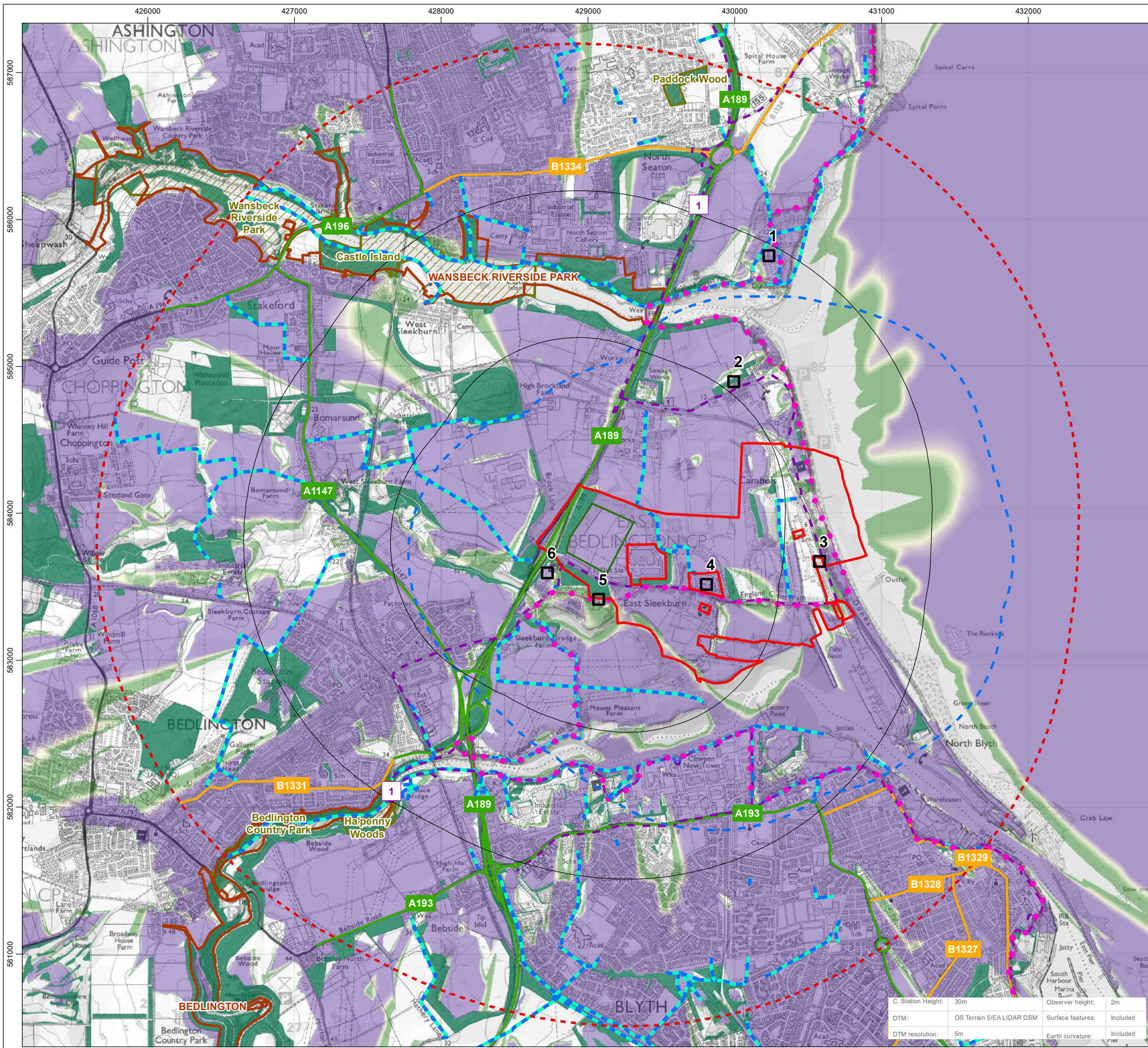
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Title
**Figure 7.7
Converter Station MDS Screened ZTV
and Landscape Character**



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C. Station Height:	30m	Observer height:	2m
DTM:	OS Terrain 5/EA LIDAR DSM	Surface features:	Included
DTM resolution:	5m	Earth curvature:	Included



Legend

- Onshore Scheme
- Indicative Onshore Converter Station Platform
- Onshore Converter Station Zone - 1km Radii
- Onshore Converter Station Zone - 3km Study Area
- HVAC/HVDC Landfall Zones - 1km Radius
- Settlement
- 1. Sandy Bay Holiday Park
- 2. Cambois, Wembley Gardens
- 3. Cambois Unity, Terrace
- 4. Harbour View
- 5. East Sleekburn, Firefly Drive
- 6. Spring Ville
- England Coast Path
- National Cycle Route
- Public Right of Way
- A Road
- B Road
- Country Park
- Local Nature Reserve
- Woodland to be Retained
- Zone of Theoretical Visibility of MDS Converter Station Envelope
- Higher Theoretical Visibility
- Lower Theoretical Visibility

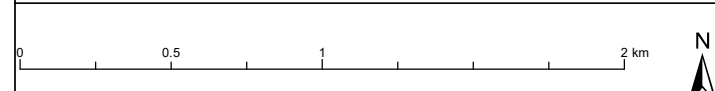
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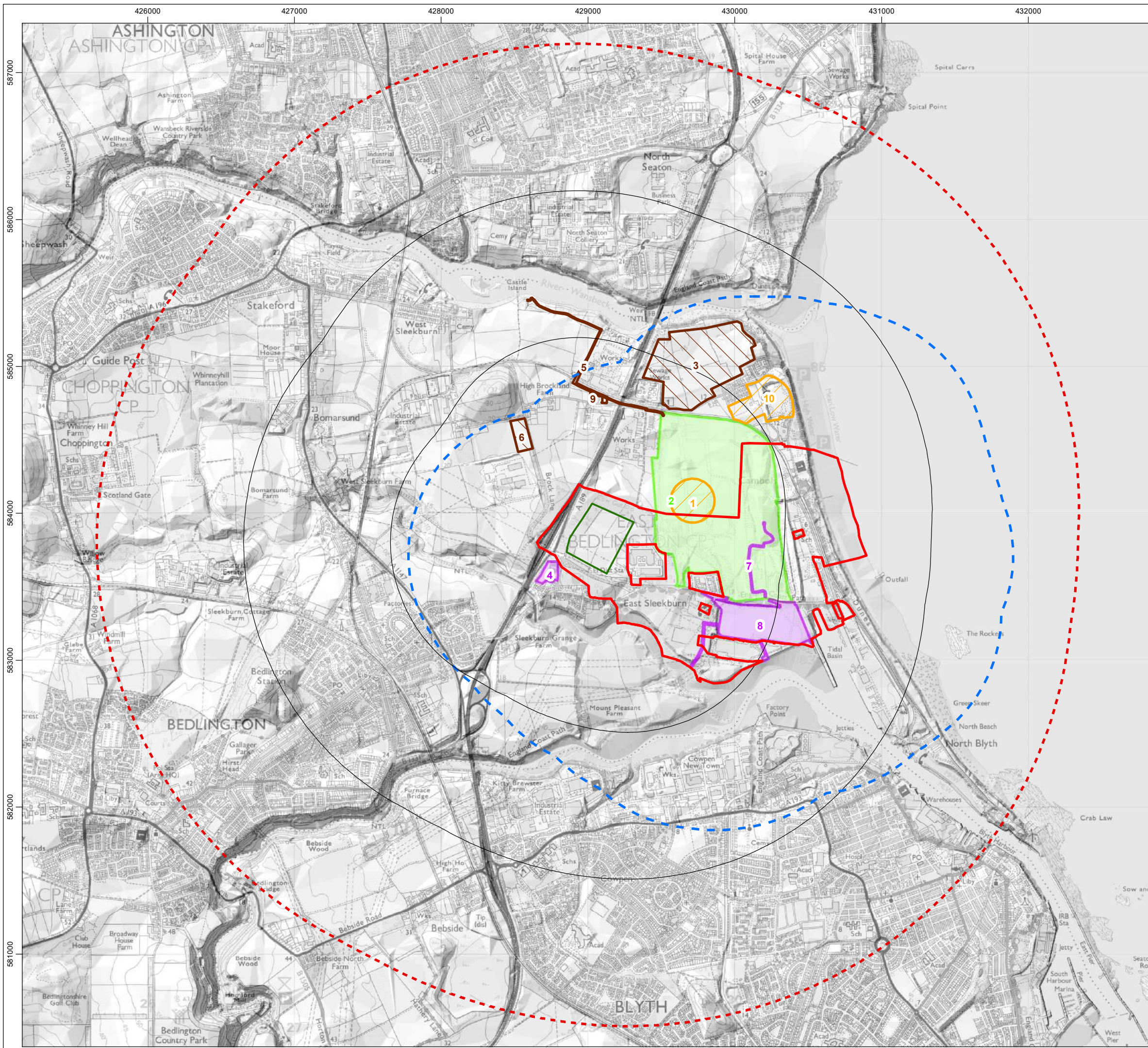
CAMBOIS CONNECTION ONSHORE SCHEME

**Figure 7.8
Converter Station MDS Screened ZTV
and Principal Visual Receptors**



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C. Station Height:	30m	Observer height:	2m
DTM:	OS Terrain 5/EA LIDAR DSM	Surface features:	Included
DTM resolution:	5m	Earth curvature:	Included



- Legend**
- Onshore Scheme
 - Indicative Onshore Converter Station Platform
 - Onshore Converter Station Zone - 1km Radii
 - Onshore Converter Station Zone - 3km Study Area
 - HVAC/HVDC Landfall Zones - 1km Radius
 - Baseline: Under Construction
 - Consented Development
 - Scoping/Scoping Stage
 - Consented Development
- Scoped Out (within LVIA Study Area)**
1. 20/01835/SCOPE. Land North of Sandfield Road Cambois Northumberland
 2. 21/00818/FULES. Land At Former Power Station Site on Northern Side of Cambois
 3. 21/03005/CCD. Land North East of Cambois Wembley Gardens
 4. 21/03723/FUL. Land To North of Spring Ville East Sleekburn
 5. 21/03930/FUL. Pump House and Land South of River Wansbeck West Sleekburn
 6. 21/03977/FUL. Land North of Charcon Brock Lane, West Sleekburn
 7. 21/04089/FUL. Former Coal Stocking Yard, Cambois
 8. 22/00879/FUL. Land North of Blyth Power Station Substation, East Sleekburn
 9. 22/01725/FUL. Battery Storage Site, West, Sleekburn
 10. 23/01278/SCREEN. Former Vald Birn Foundry Cambois

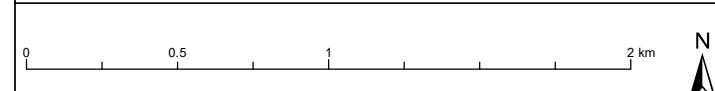
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**Figure 7.9
Cumulative Developments**



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