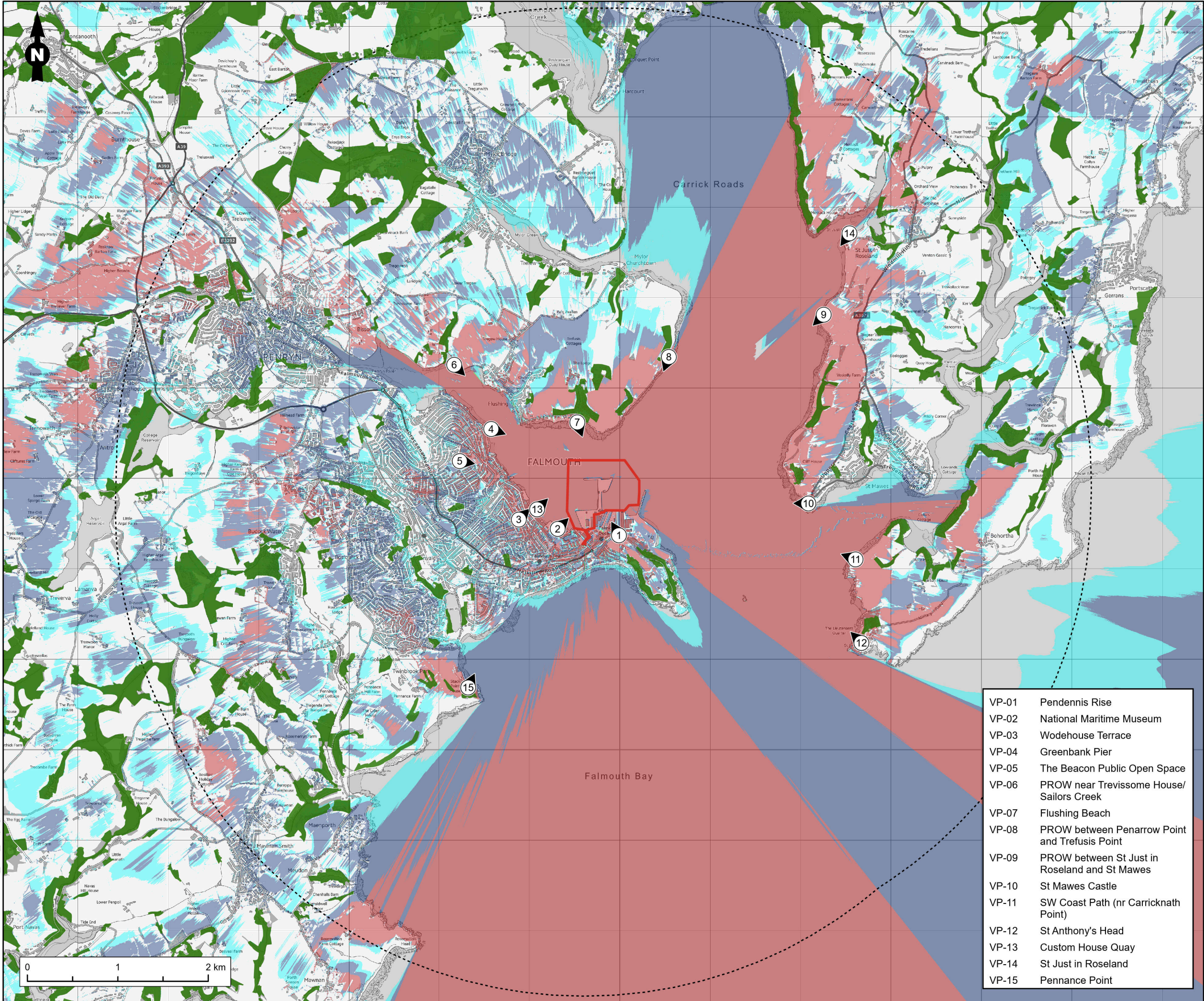


Technical Appendix 18.1: Supporting Figures

1620015743-RAM-MA-LX-00004_ZTV_06.pagx



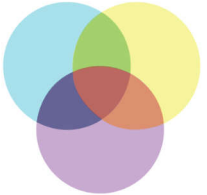
Legend

-  Site Boundary
-  5 km Proposed Study Area
-  Representative Viewpoint
-  National Forest Inventory Woodland

Zones of Theoretical Visibility

Proposed Turbines
229 m
Tip Height

Flow Deck Area
30 m
Height



Crane Operating Area
140 m
Height

1. The ZTV analysis takes into account the screening effect of vegetation, buildings and other surface features.
2. Predicted visibility based on a viewer eye height 2 m above ground.
3. Visibility calculated using Environment Agency's 2022 First Return DSM on a 2 m Grid.
4. Effect of earth curvature and light refraction is included.

Figure Title
Zone of Theoretical Visibility and Viewpoint locations

Project Name
Falmouth Docks Development

Project No./Fily ID
1620015743 / RUK2023N00104

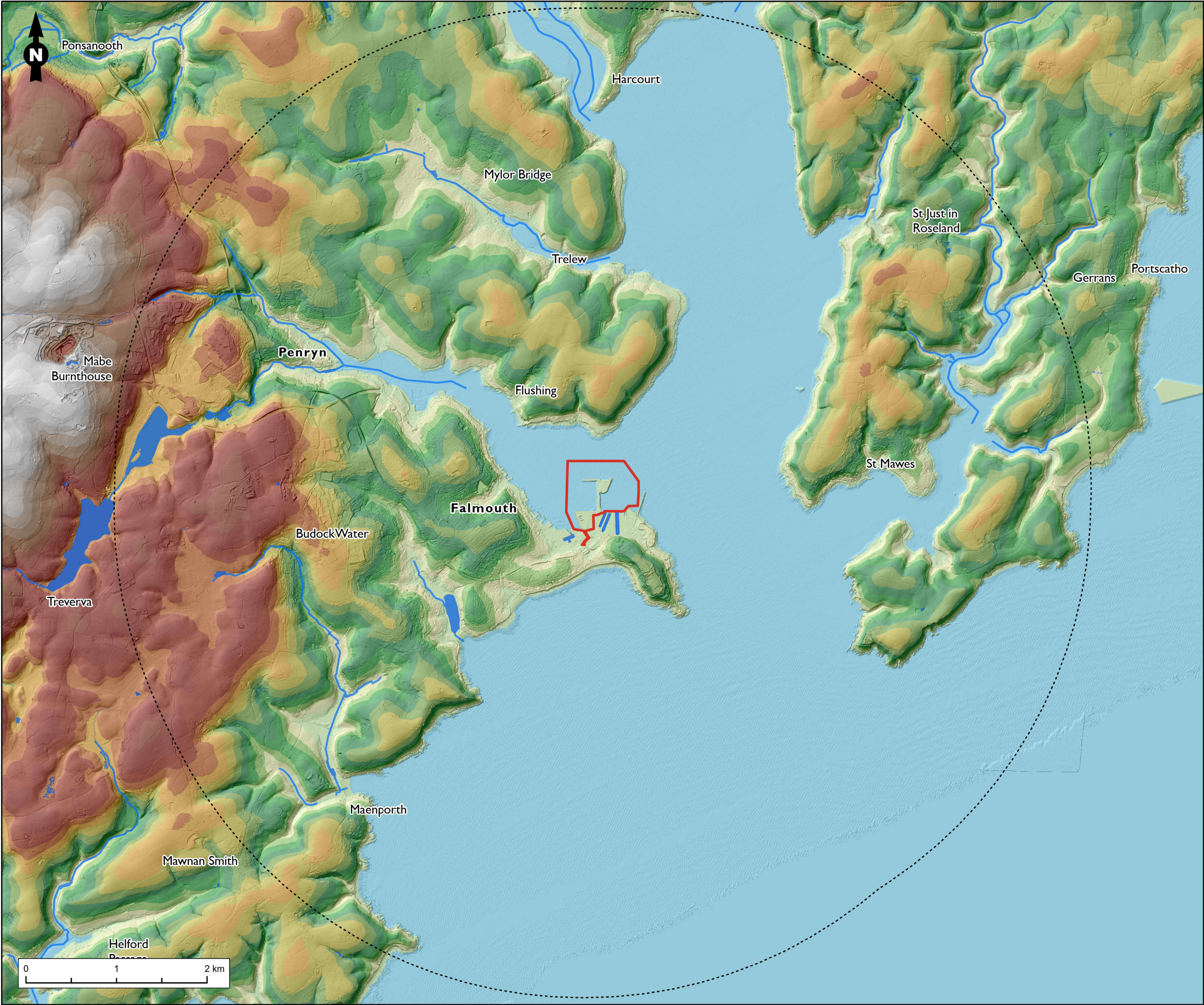
Date	Figure No.	Revision
August 2024	18.1	1.0

Prepared By	Scale
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- | | |
|-------|--|
| VP-01 | Pendennis Rise |
| VP-02 | National Maritime Museum |
| VP-03 | Wodehouse Terrace |
| VP-04 | Greenbank Pier |
| VP-05 | The Beacon Public Open Space |
| VP-06 | PROW near Trevissome House/ Sailors Creek |
| VP-07 | Flushing Beach |
| VP-08 | PROW between Penarrow Point and Trefusis Point |
| VP-09 | PROW between St Just in Roseland and St Mawes |
| VP-10 | St Mawes Castle |
| VP-11 | SW Coast Path (nr Carricknath Point) |
| VP-12 | St Anthony's Head |
| VP-13 | Custom House Quay |
| VP-14 | St Just in Roseland |
| VP-15 | Pennance Point |



Legend

Site Boundary

5 km Proposed Study Area

Hydrology

Watercourse

Waterbody

Elevation (m AOD)

≤ 0	90 - 100
0 - 10	100 - 110
10 - 20	110 - 120
20 - 30	120 - 130
30 - 40	130 - 140
40 - 50	140 - 150
50 - 60	150 - 160
60 - 70	160 - 170
70 - 80	170 - 180
80 - 90	180 - 190

Figure Title

Topography and Hydrology

Project Name

Falmouth Docks Development

Project No./Filery ID

1620015743 / RUK2023N00104

Date

August 2024

Figure No.

18.2

Revision

1.0

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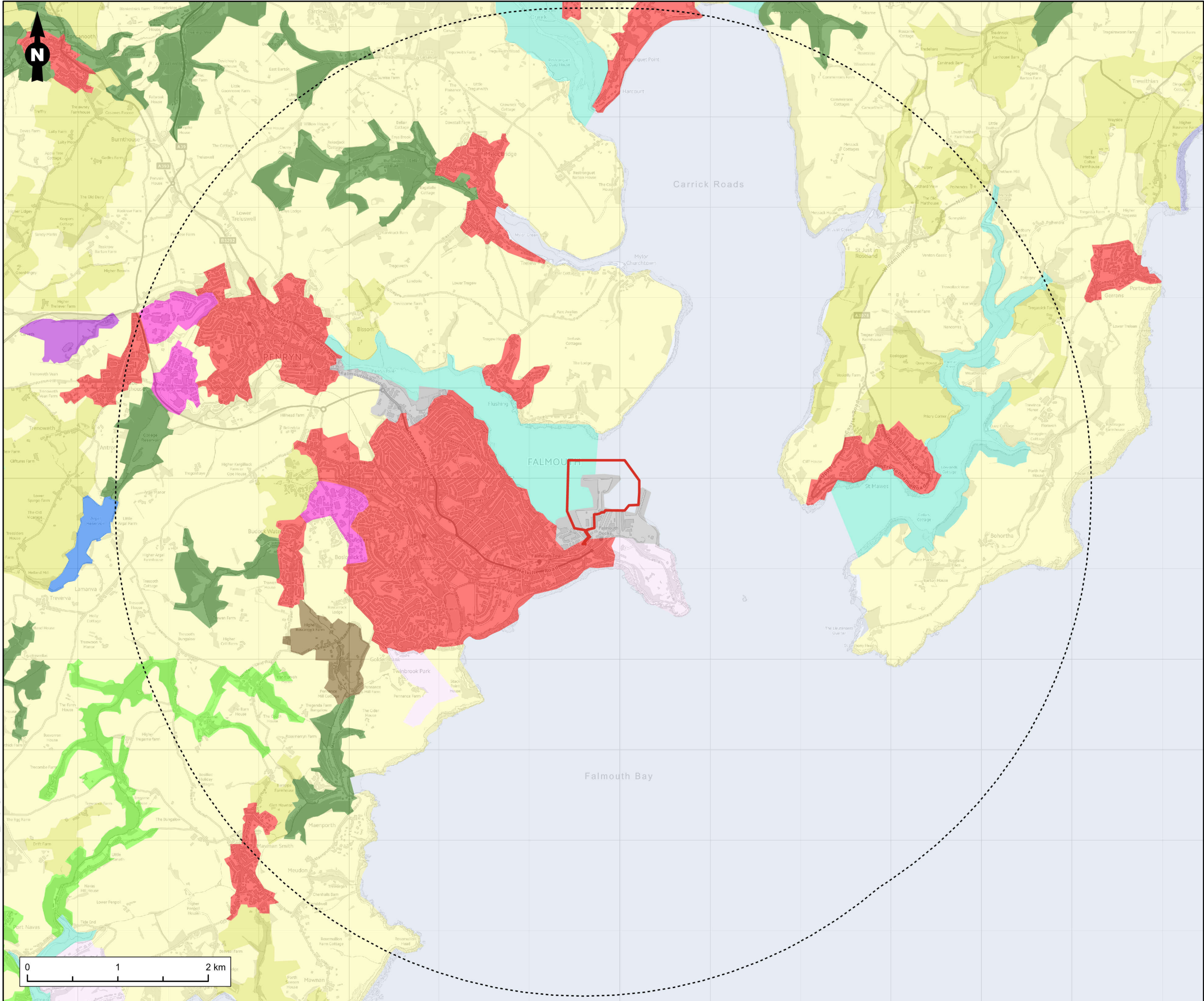
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1620015743-RAM-MA-LX-00006_TopoAndHydro_02.pagx

1620015743-RAM-MA-LX-00007_LandUse_03.pagx



Legend

- Site Boundary
- 5 km Proposed Study Area

CORINE Land Cover Code and Description

- 112: Discontinuous urban fabric
- 121: Industrial or commercial units
- 123: Port areas
- 131: Mineral extraction sites
- 142: Sport and leisure facilities
- 211: Non-irrigated arable land
- 231: Pastures
- 243: Land principally occupied by agriculture, with significant areas of natural vegetation
- 311: Broad-leaved forest
- 313: Mixed forest
- 322: Moors and heathland
- 423: Intertidal flats
- 512: Water bodies
- 522: Estuaries
- 523: Sea and ocean

Figure Title
Land Use

Project Name
Falmouth Docks Development

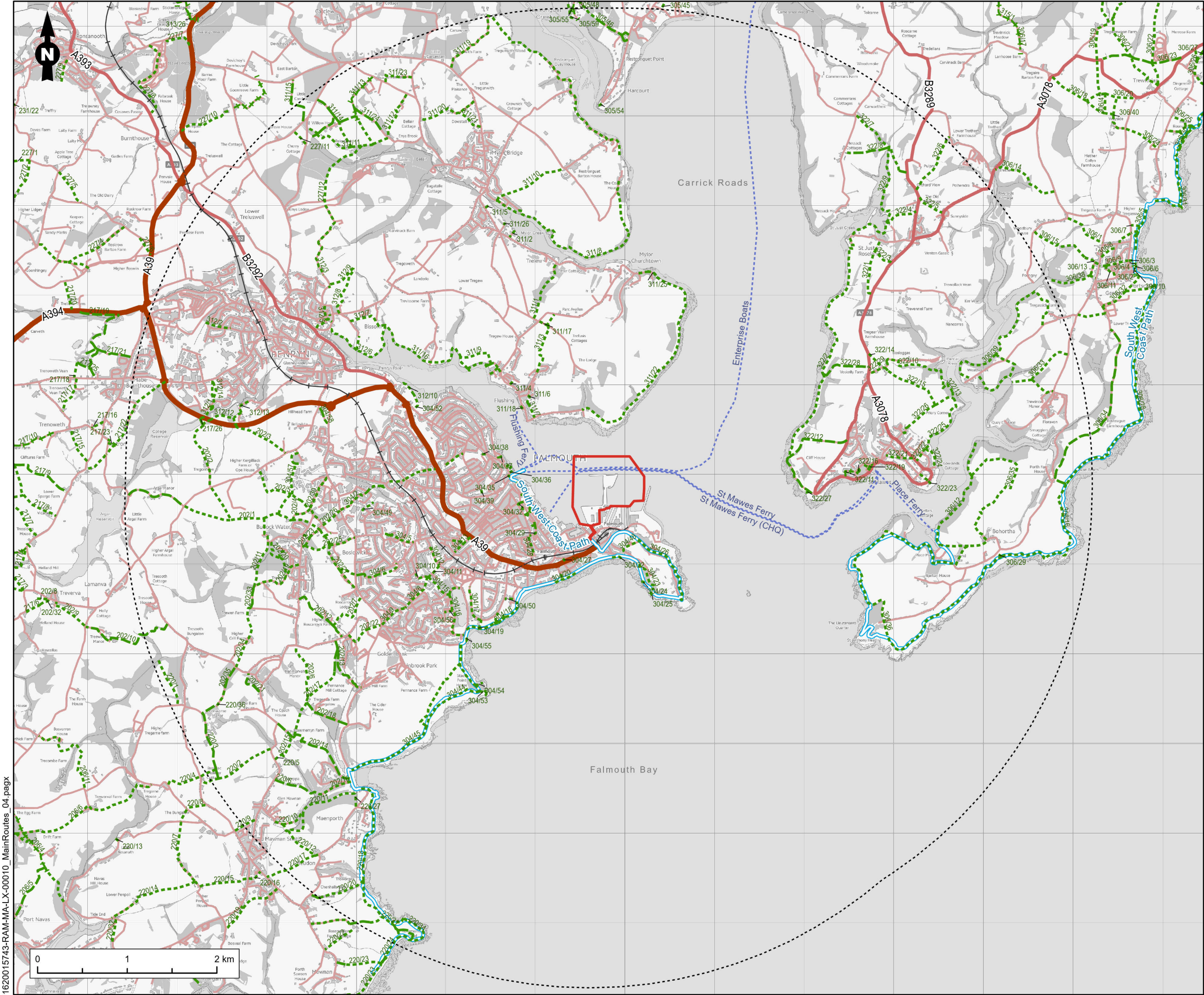
Project No./Filery ID
1620015743 / RUK2023N00104

Date August 2024	Figure No. 18.3	Revision 1.0
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Legend

- Site Boundary
- 5 km Proposed Study Area
- Road Network
 - Main Roads (National)
 - Main Roads (Regional)
 - Main Roads (Local)
- Rail
 - Rail Line
- Public Rights of Way (PRoW)
 - Byway Open to All Traffic
 - Bridleway
 - Footpath
 - Restricted Byway
- Trails
 - National Trails
- Ferry
 - Ferry Routes

Figure Title
Main Routes

Project Name
Falmouth Docks Development

Project No./Fily ID
1620015743 / RUK2023N00104

Date	Figure No.	Revision
August 2024	18.4	1.0

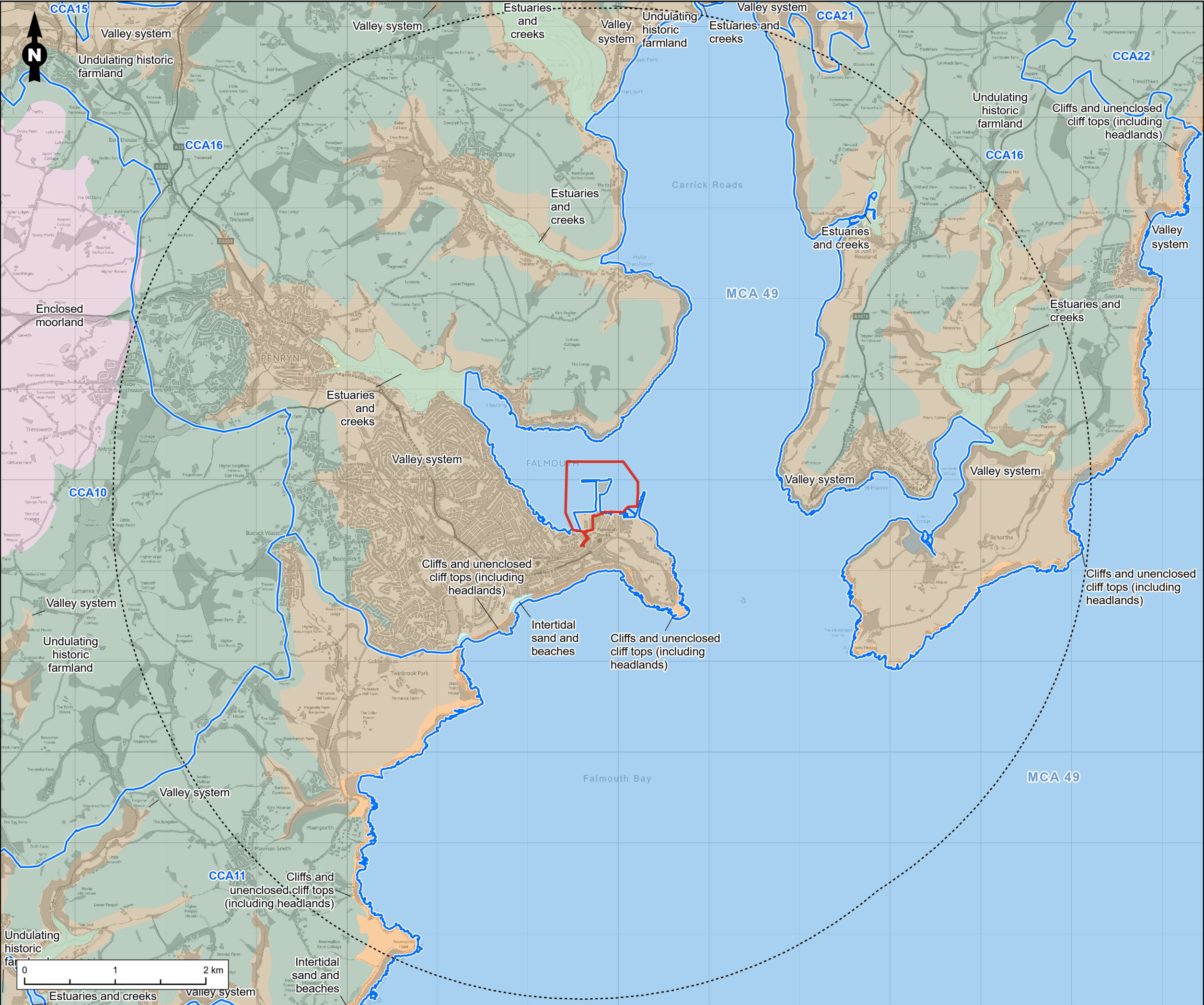
Prepared By	Scale
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Client
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1620015743-RAM-MA-LX-00010_MainRoutes_04.pagx

1620015743-RAM-MA-LX-00008_LandscapeCharacter_04.pagx



Legend

- Site Boundary
- 5 km Proposed Study Area

Marine Character Area

Cornwall Landscape Character Types

- Cliffs and unenclosed cliff tops (including headlands)
- Enclosed moorland
- Estuaries and creeks
- Intertidal sand and beaches
- Undulating historic farmland
- Valley system

Cornwall Landscape Character Areas

Landscape Character Area

- CCA10 Carmenellis
- CCA11 Helford Ria
- CCA15 Bissoe Valley
- CCA16 Falmouth and St Mawes (LUC)
- CCA20 Truro and Tresillian Valleys (LUC)
- CCA21 Fal Valley (LUC)
- CCA22 Gerrans, Vryan and Mevagissey Bays (LUC)

Figure Title
Landscape Character Areas

Project Name
Falmouth Docks Development

Project No./Filyr ID
1620015743 / RUK2023N00104

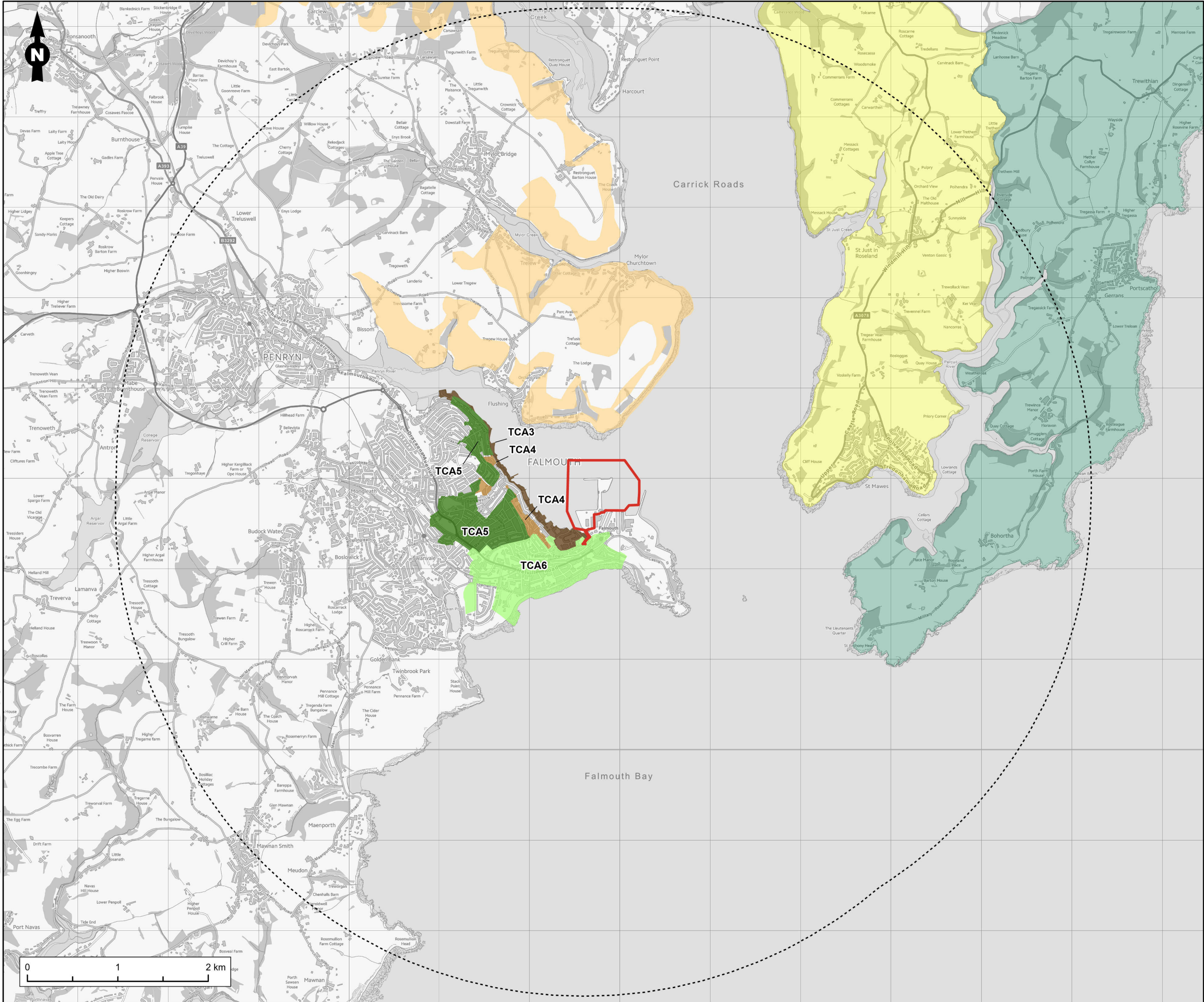
Date	Figure No.	Revision
August 2024	18.5	1.0

Prepared By	Scale
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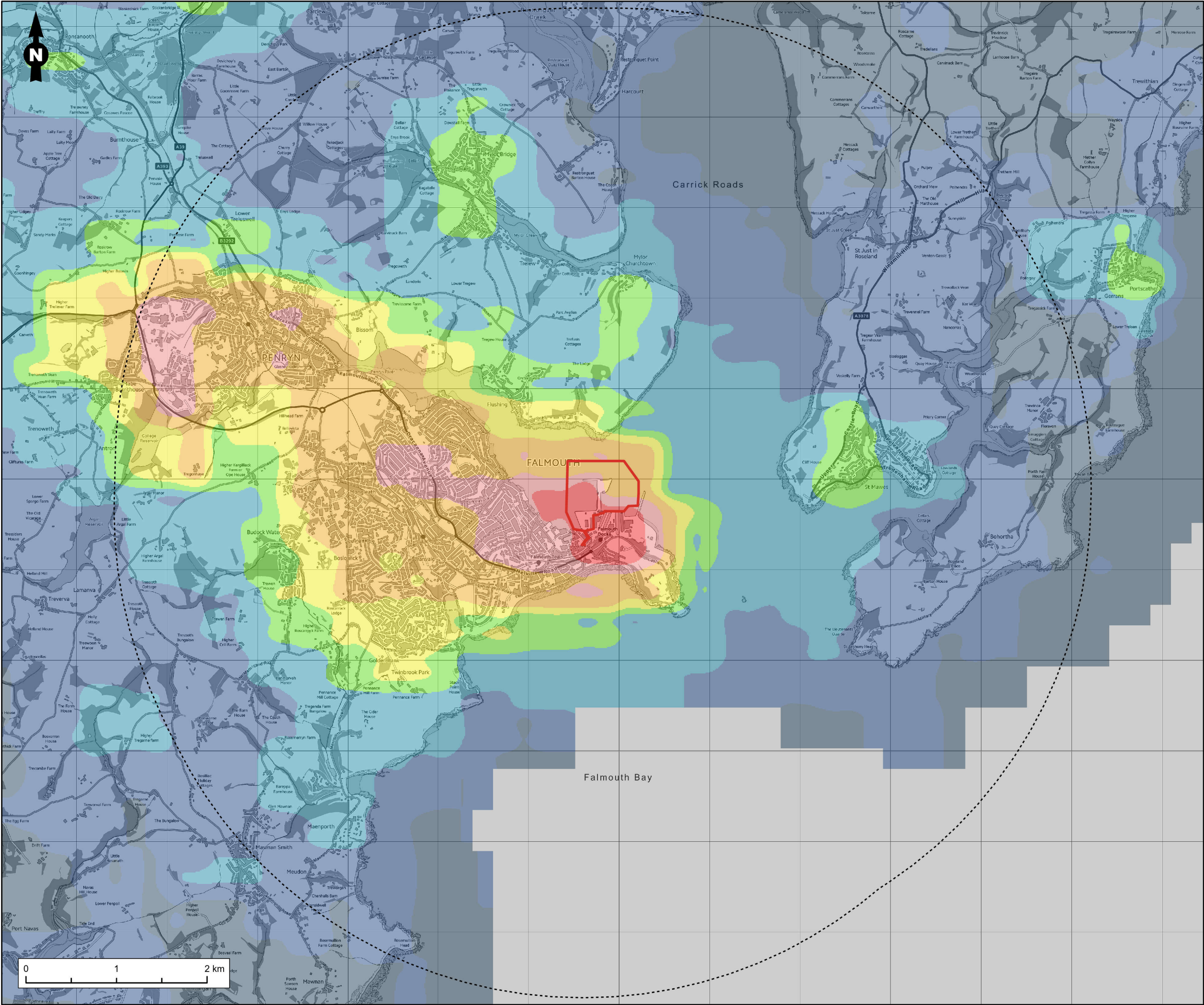
1620015743-RAM-MA-LX-00016_LocallandscapeCharAreasAndClass_03.pagx



Legend

- Site Boundary
- 5 km Proposed Study Area
- Gerrans Parish
- St. Just-in-Roseland Parish
- Falmouth Character Area**
- TCA3; The Waterfront
- TCA4; The Cliff
- TCA5; The Terraced Suburbs
- TCA6; Seaside Resort and Wooded Suburbs
- Mylor Parish Landscape Character Type**
- Steep-sided River Valley - Arable

Figure Title		
Local Landscape Character Areas		
Project Name		
Falmouth Docks Development		
Project No./Fility ID		
1620015743 / RUK2023N00104		
Date	Figure No.	Revision
August 2024	18.6	1.0
Prepared By	Scale	
RD / BE	1:40,000 @A3	
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A&P Group Limited		
		



Legend

Site Boundary

5 km Proposed Study Area

Night Lights
(NanoWatts / cm² /sr)

16 - 32

8 - 16

4 - 8

2 - 4

1 - 2

0.5 - 1

0.25 - 0.5

< 0.25 (Darkest)

Figure Title

Light Intensity

Project Name

Falmouth Docks Development

Project No./Fily ID

1620015743 / RUK2023N00104

Date

August 2024

Figure No.

18.7

Revision

1.0

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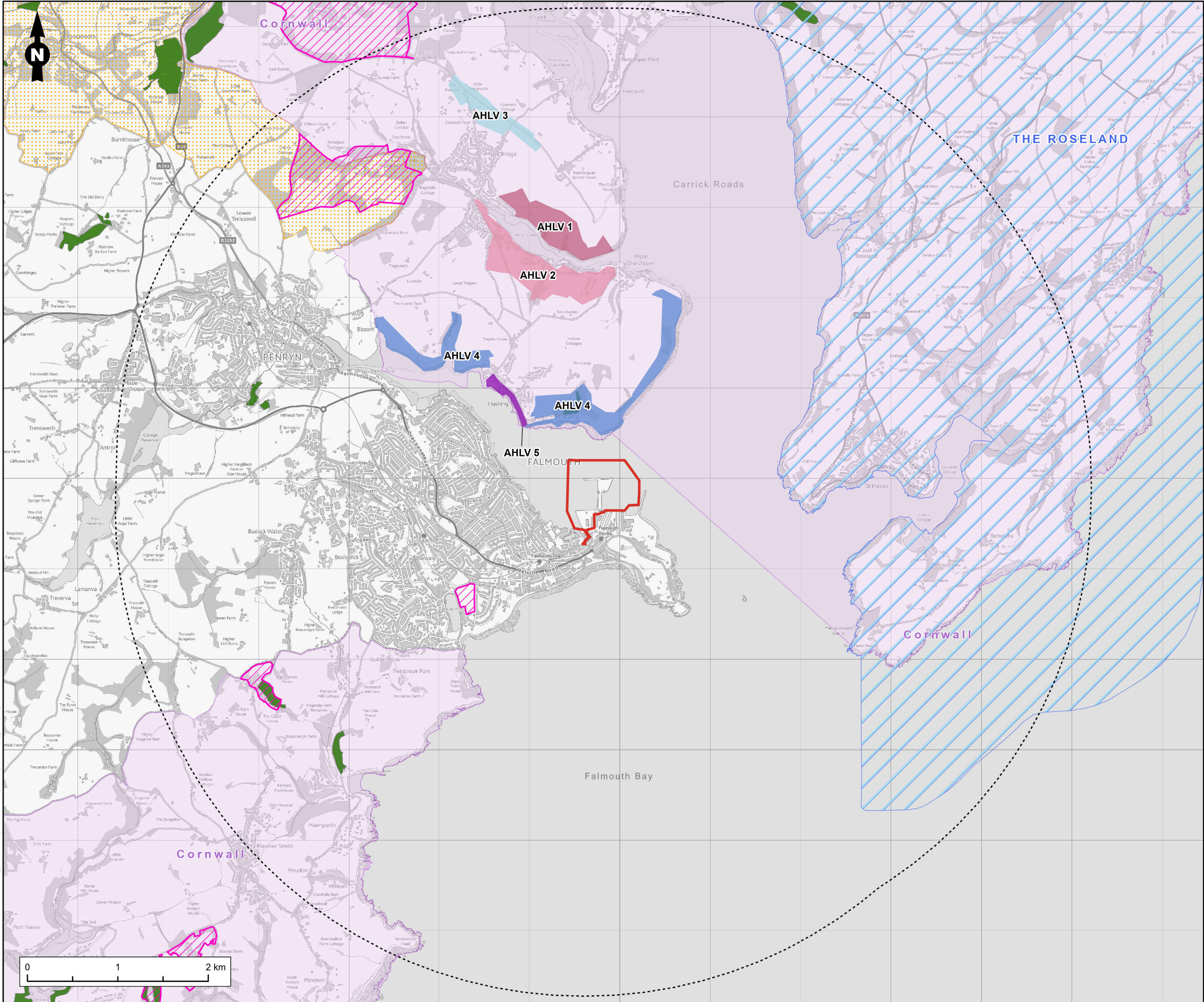
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Legend

- Site Boundary
- 5 km Proposed Study Area

Landscape Planning Designations

- Registered Parks and Gardens
- Heritage Coasts
- Cornwall Area of Outstanding Natural Beauty
- Ancient Woodland Inventory
- St Gluvias Area of Great Landscape Value

Areas of High Landscape Value

- AHLV 1 - Creekside Fields, Linear Woodland
- AHLV 2 - Linear Woodlands and Fields
- AHLV 3 - Old Field Patterns, Viewpoints and Military Road
- AHLV 4 - Riverside Fields and Woodland
- AHLV 5 - Historic Quayside and Quays

Figure Title
Landscape Designations and Classifications

Project Name
Falmouth Docks Development

Project No./Fily ID
1620015743 / RUK2023N00104

Date	Figure No.	Revision
August 2024	18.8	1.0

Prepared By	Scale
RD	1:40,000 @A3

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