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Morlais Project Environmental Statement

Chapter 3: Site Selection and Consideration of Alternatives

Volume II

Applicant: Menter Môn Morlais Limited

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Chapter 3: Site Selection and Consideration of Alternatives

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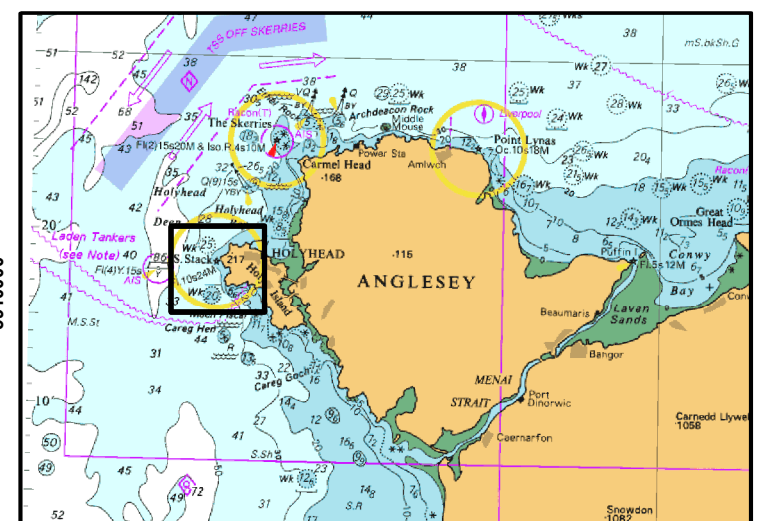
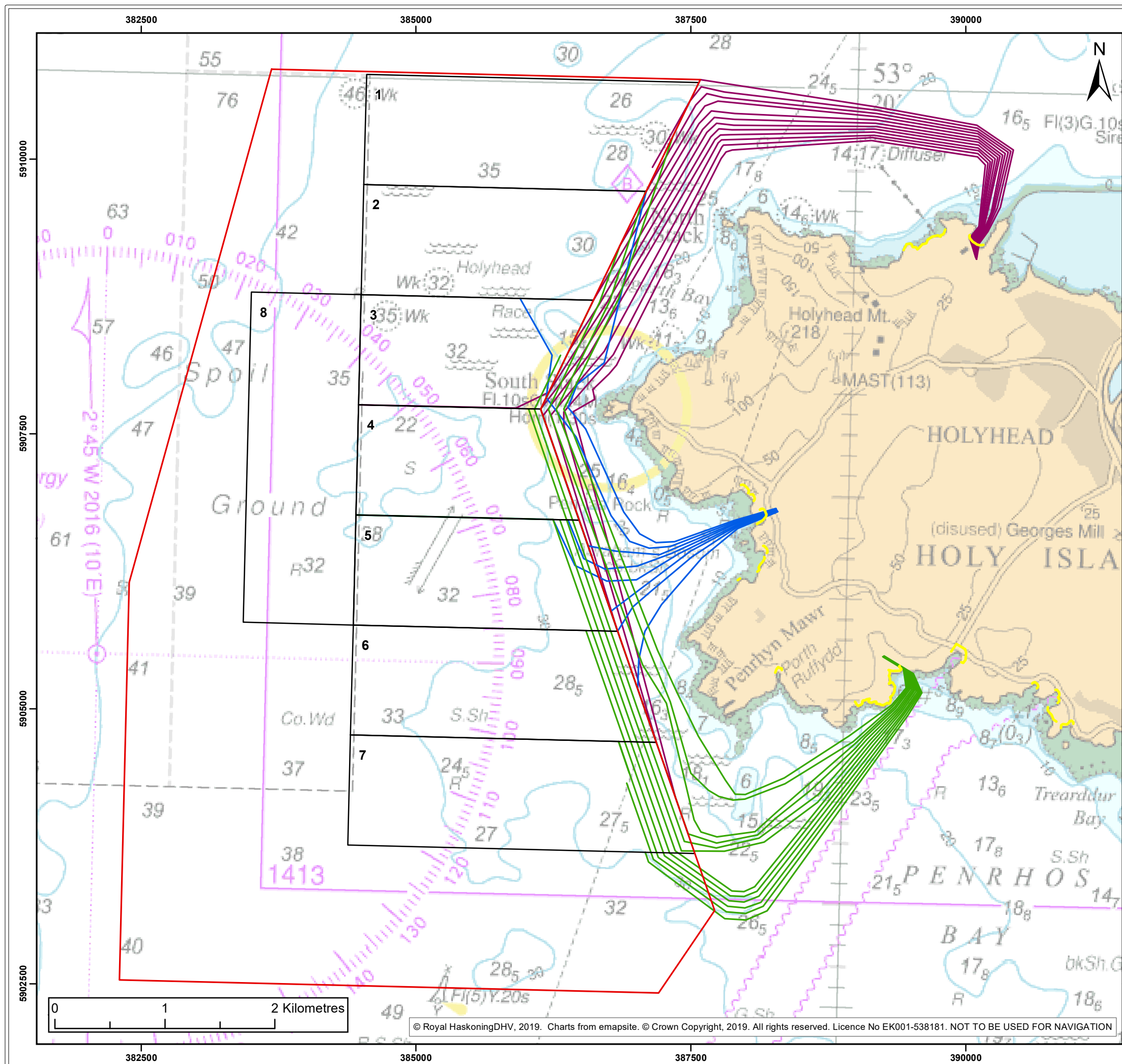
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Legend:

- Morlais Demonstration Zone
- Morlais Demonstration Sub-Zones
- Potential Offshore Cable Route from Porth Dafarch
- Potential Offshore Cable Route from Abraham's Bosom
- Potential Offshore Cable Route from Holyhead
- Potential Landfall search area

Client:



Project:



Title:

Potential Offshore Cable Routes from the General Search Areas

Figure: 3-1

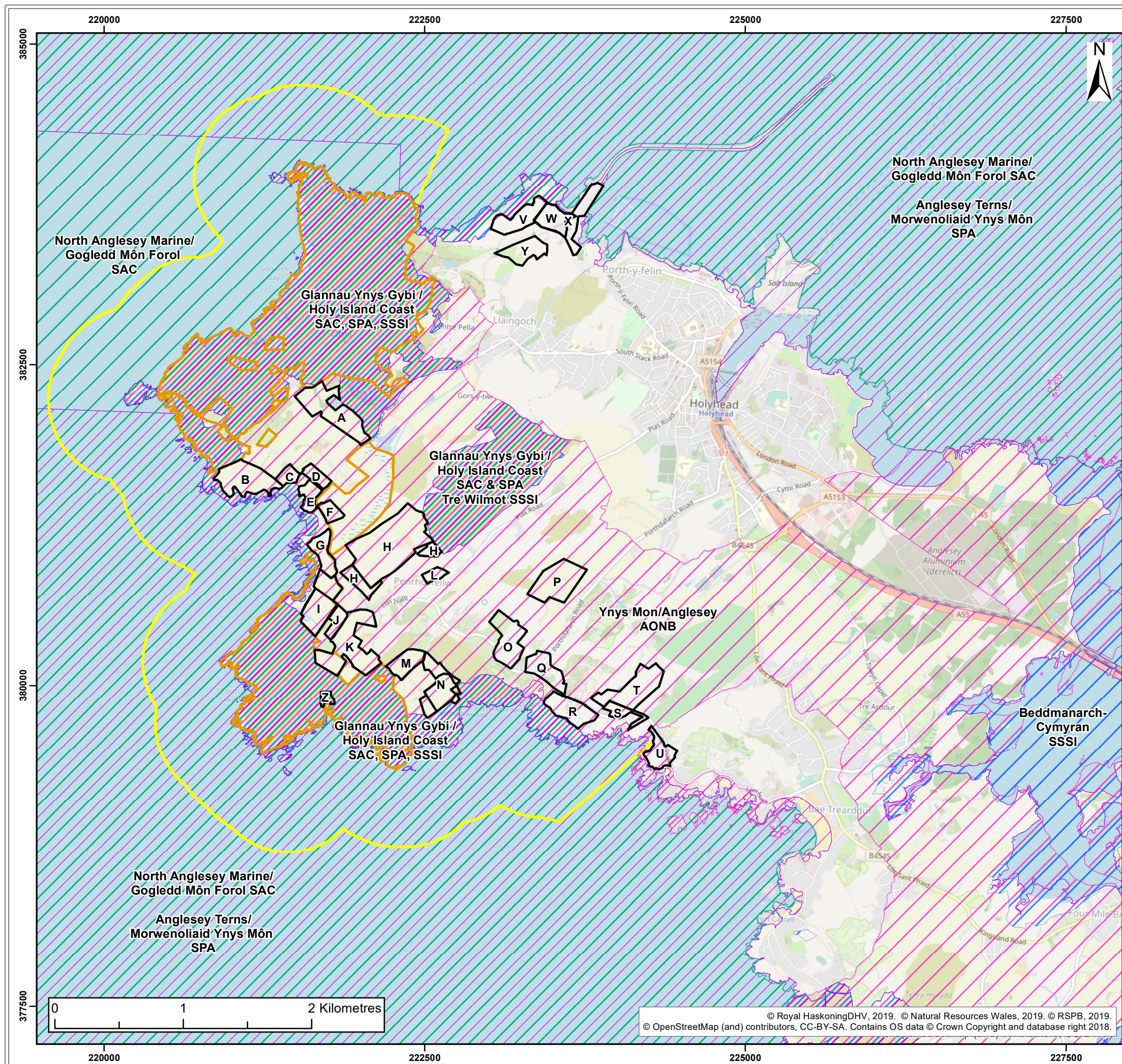
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Co-ordinate system: WGS 1984 UTM Zone 30N



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- Legend:
- Substation Search Areas
 - South Stack Cliffs RSPB Reserve
 - Site of Special Scientific Interest (SSSI)
 - Special Protection Area (SPA)
 - Special Area of Conservation (SAC)
 - Area of Outstanding Natural Beauty (AONB)
 - Holyhead Mountain Heritage Coast

Client:   Project: 

Title:
Initial Landfall and Substation Search Areas Identified

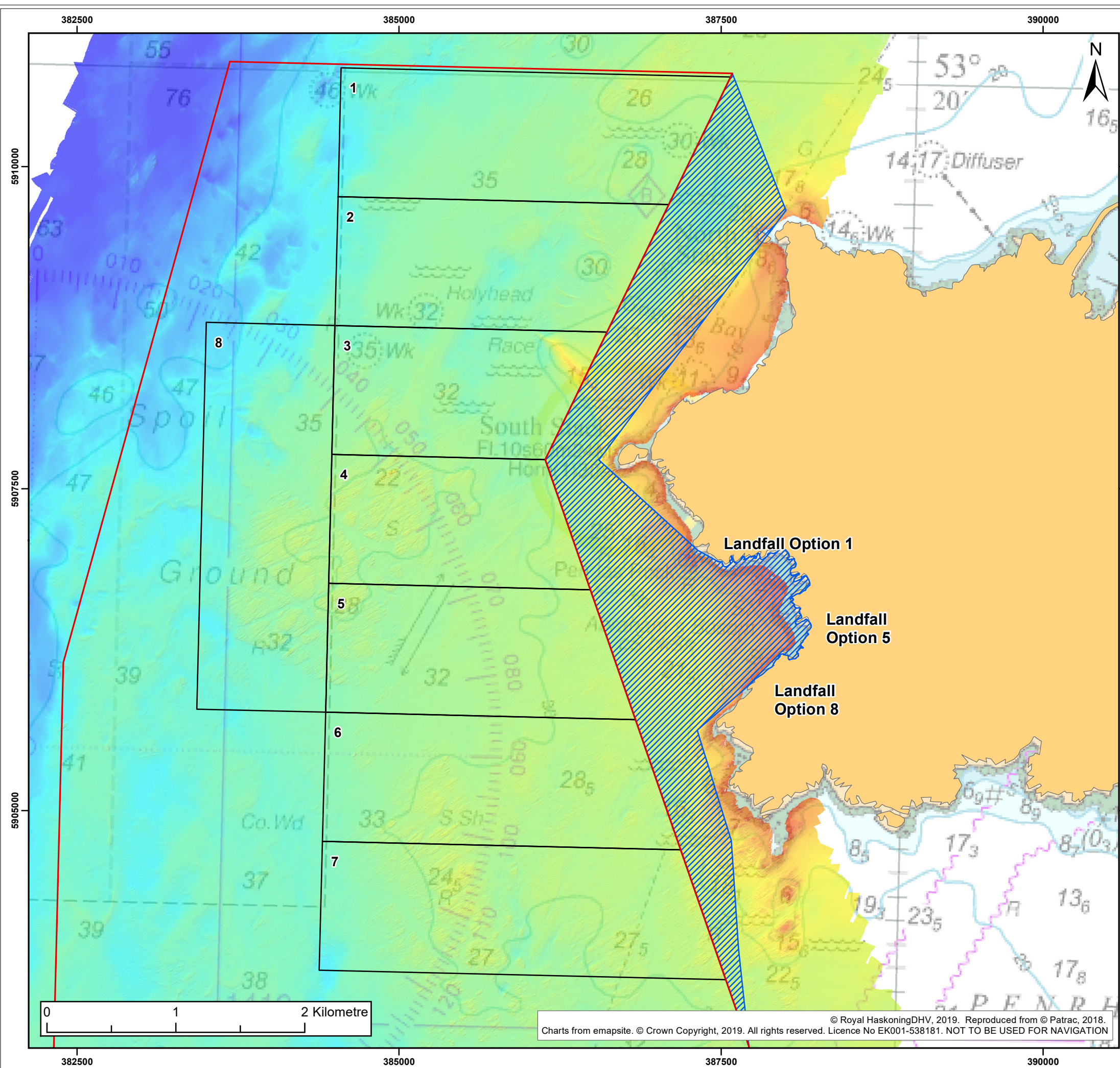
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Co-ordinate system: British National Grid



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Legend:

- Morlais Demonstration Zone
- Morlais Demonstration Sub-Zones
- Export Cable Corridor

Bathymetry (m)

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

Client:   Project:  


Title:

Overview of Export Cable Corridor and Landfall Options

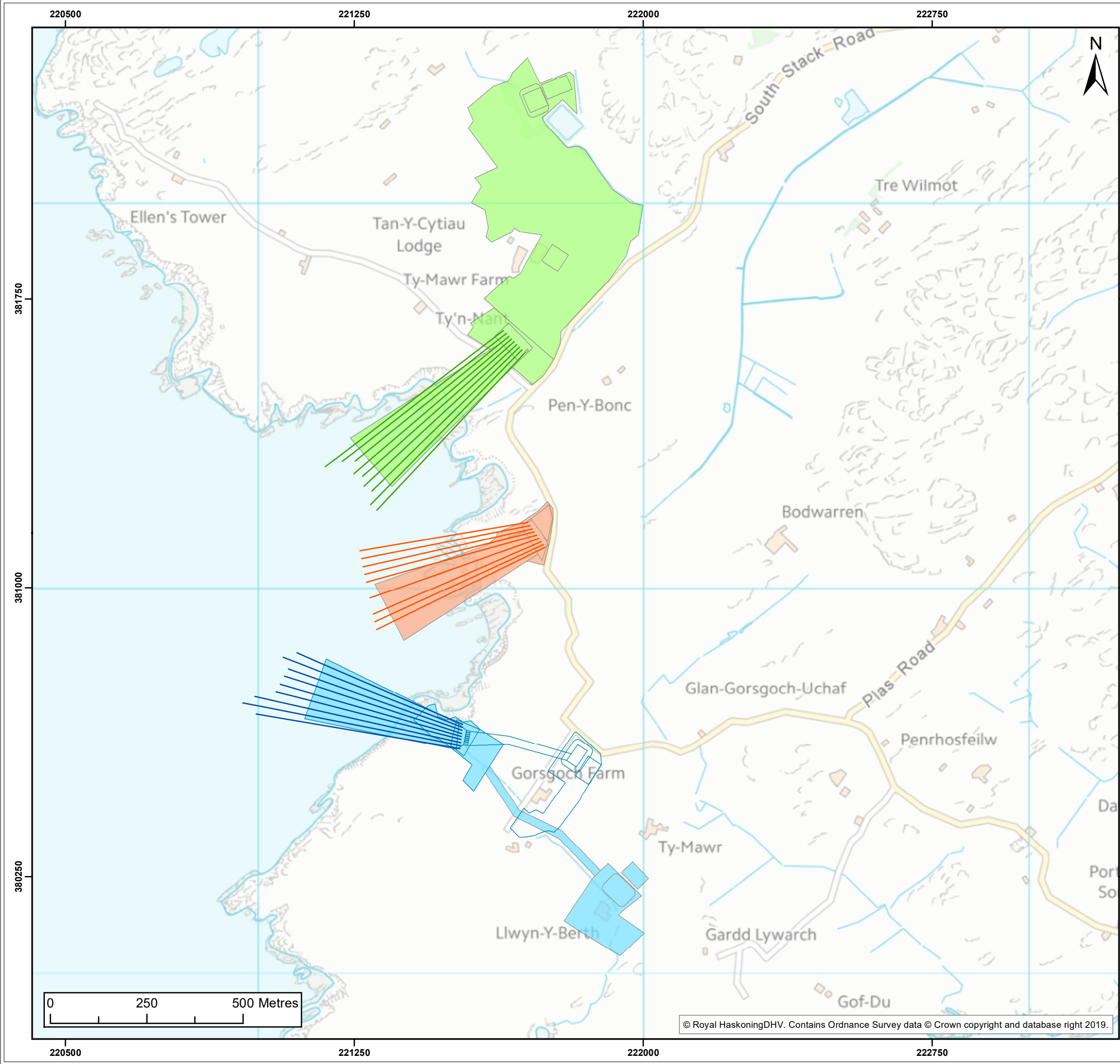
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- Legend:
- Option 1 - Landfall and Onshore Substation
 - Option 1 - HDD route
 - Option 5a - Landfall and Substation
 - Option 5 HDD route
 - Option 8 - Landfall and Substation
 - Option 8a - Landfall and Substation
 - Option 8 - HDD route

Client:   Project: 

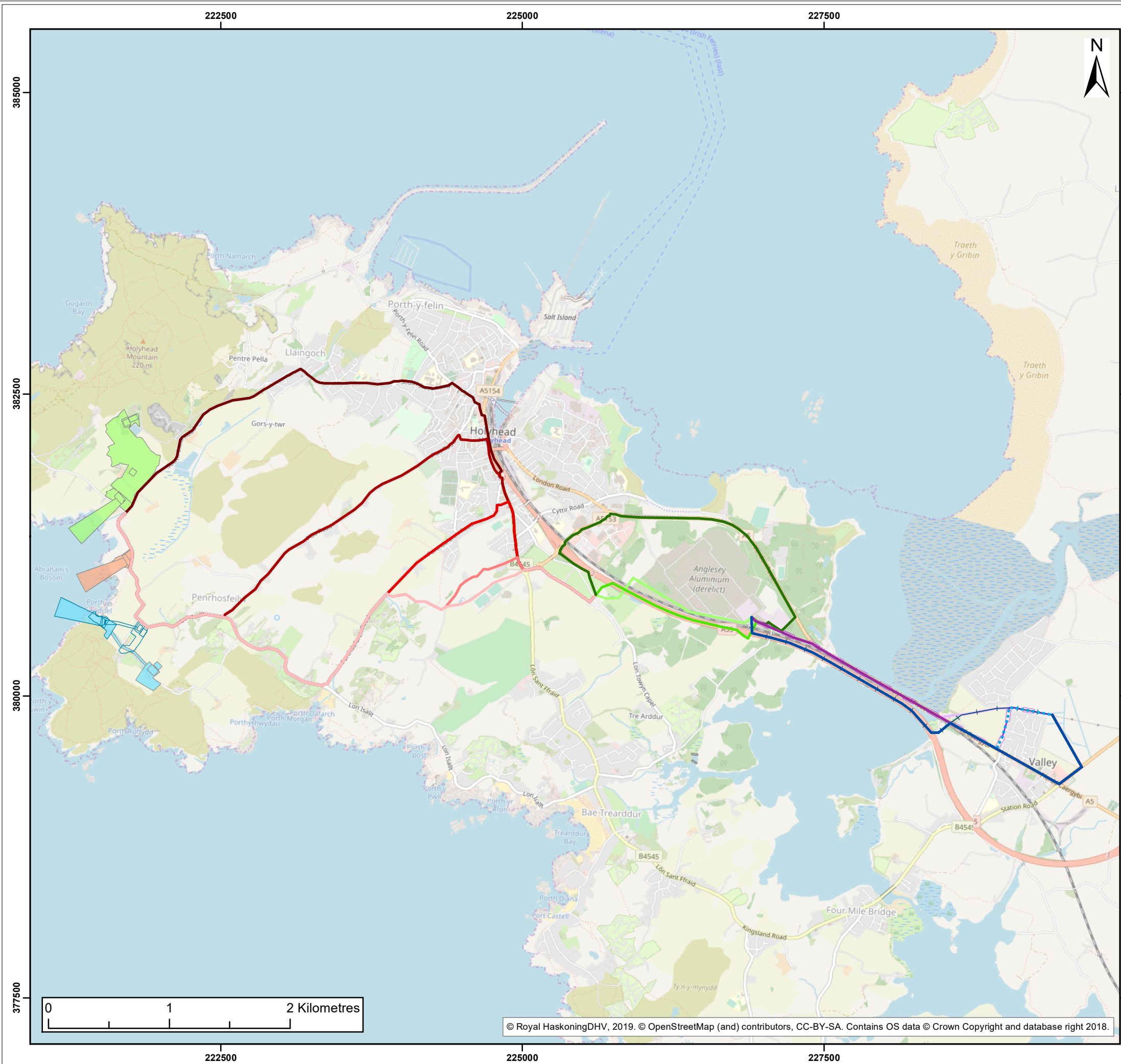
Title:
Landfall and Substation Initial Preferred Options

Figure: 3-4 Drawing No: PB5034-ES-003-005

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid

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Legend:

- Option 1 - Landfall and Onshore Substation
 - Option 5a - Landfall and Substation
 - Option 8a - Landfall and Substation
 - Option 8 - Landfall and Substation
- Onshore Route Options**
- Segment 1, South Stack Road
 - Segment 1, Plas Road
 - Segment 1, Porthdafarch Road
 - Segment 1, Porthdafarch Road and Mill Road
 - Segment 1, Porthdafarch Road and Holyhead Leisure Centre
 - Segment 2, A5153 and A5 London Road
 - Segment 2, A55 North Wales Expressway
 - Segment 2, Edge of Orthios Site
 - Segment 3, A5 Stanley Embankment 1
 - Segment 3, A5 Stanley Embankment 2
 - Segment 3, A5 Stanley Embankment 3
 - Segment 3, A55 Expressway Bridge 1
 - Segment 3, A55 Expressway Bridge 2
 - Segment 3, A55 Expressway Bridge 3

Client:



Project:



Title:

Onshore Cable Route Options

Figure: 3-5

Drawing No: PB5034-ES-003-006

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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