

Pentland floating offshore wind farm

Onshore EIAR Volume 4:
Appendix 11.2: Cultural Heritage Visualisations



ONSHORE EIAR (VOLUME 4): VISUAL MATERIALS

APPENDIX 11.2: CULTURAL HERITAGE VISUALISATIONS

Document Title:	Pentland Floating Offshore Wind Farm Onshore EIAR
Document no.	GBPNTD-ENV-OPE-RP-00014
Project:	Pentland Floating Offshore Wind Farm
Originator Company	Optimised Environments (OPEN)
Revision	01
Originator	Jo Phillips
Date	10.10.2022

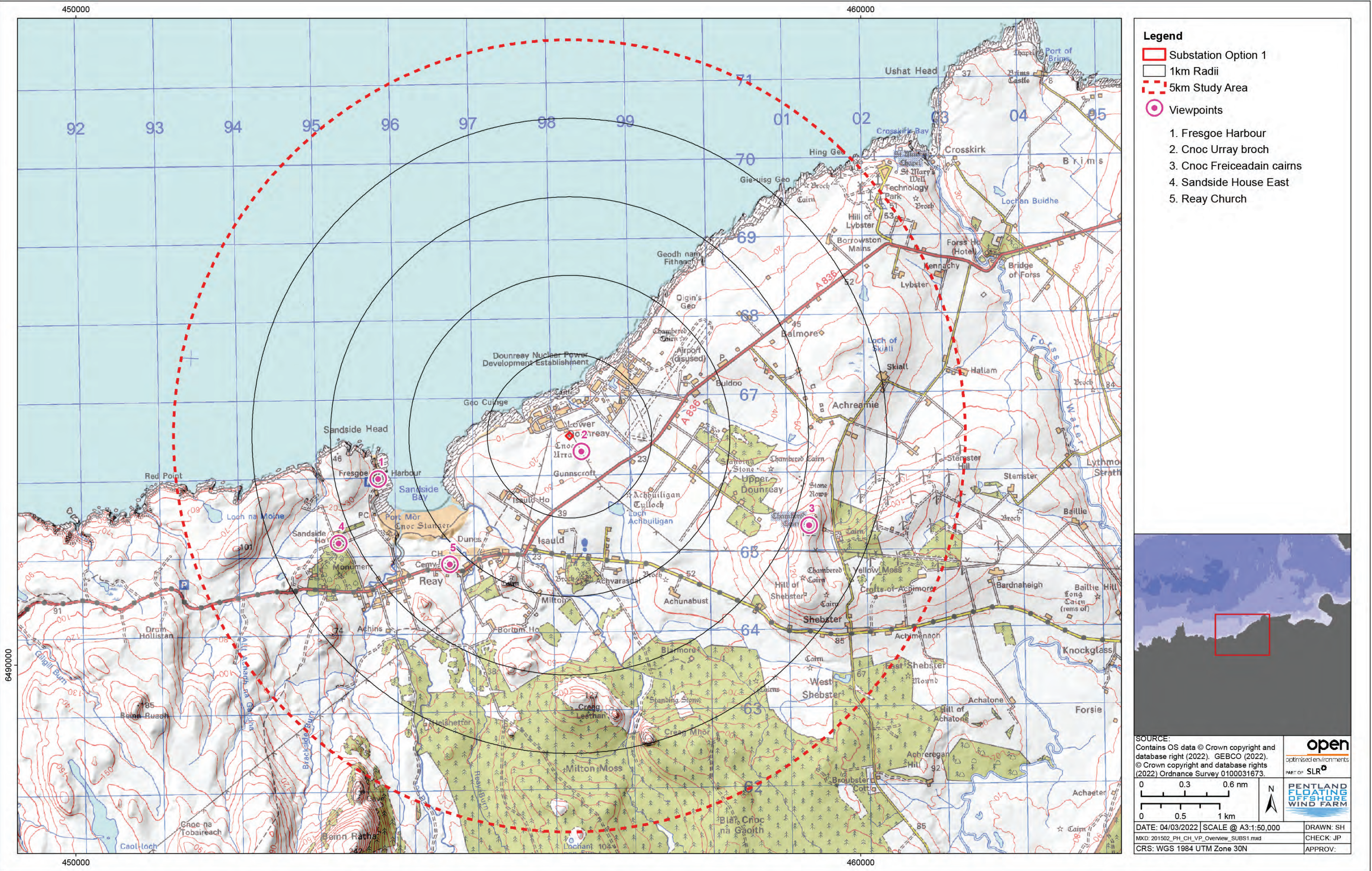
Revision History:

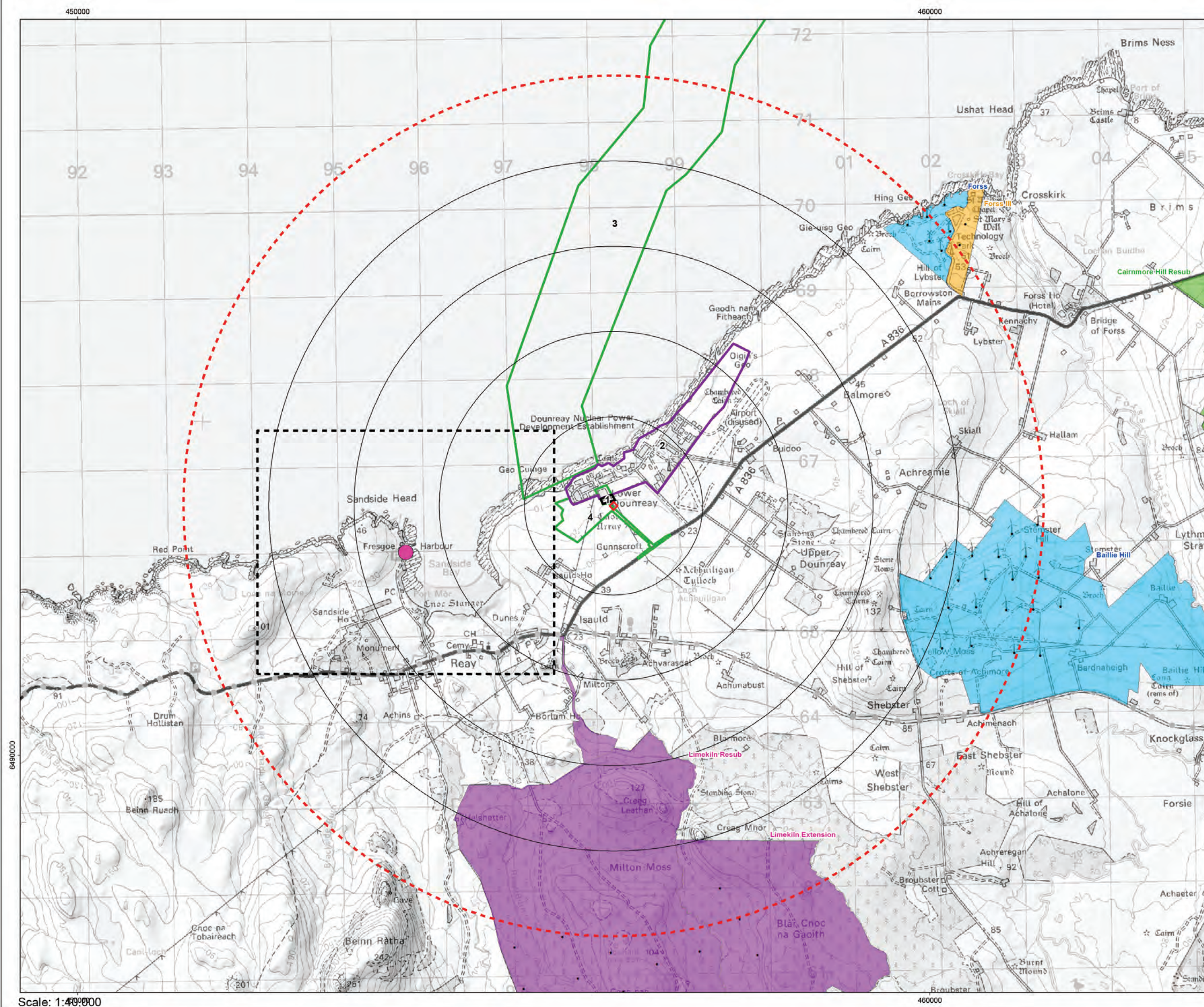
Revision	Date	Status	Originator	Reviewed	Approved
01	10.10.2022	Final	JP	RM	PM



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- 11.4a-d Viewpoint 2: Cnoc Urray broch
- 11.5a-d Viewpoint 3: Cnoc Freiceadain cairns
- 11.6a-d Viewpoint 4: Sandside House East
- 11.7a-b Viewpoint 5: Reay Church





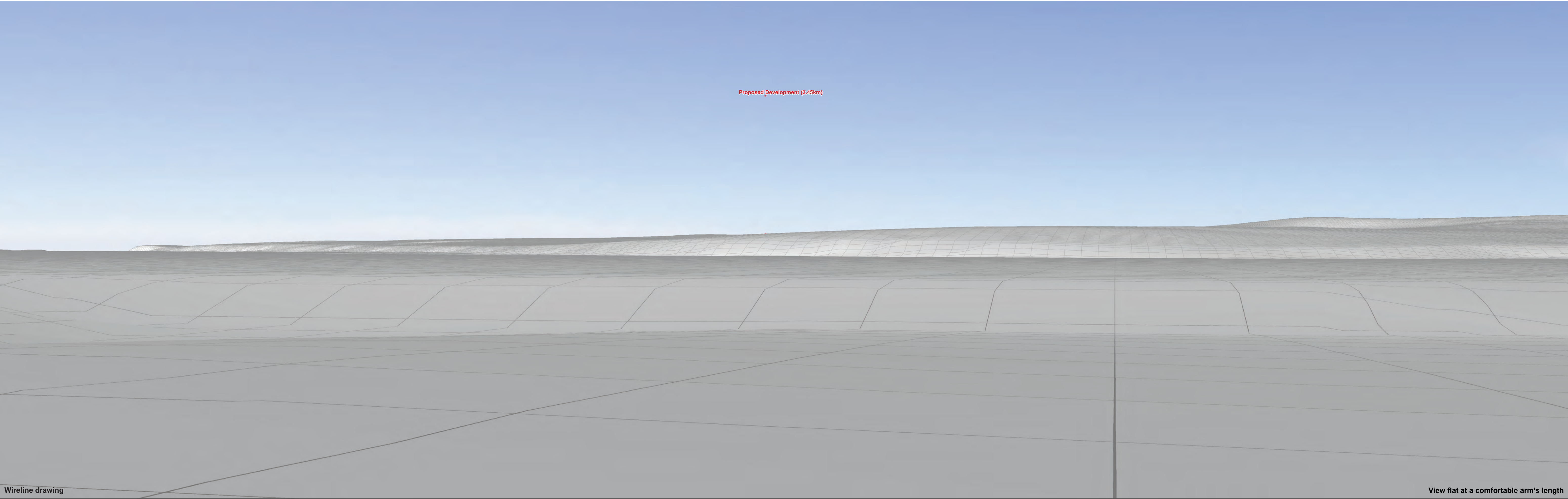


Baseline photograph

This image provides landscape and visual context only



Wireline drawing



Wireline drawing

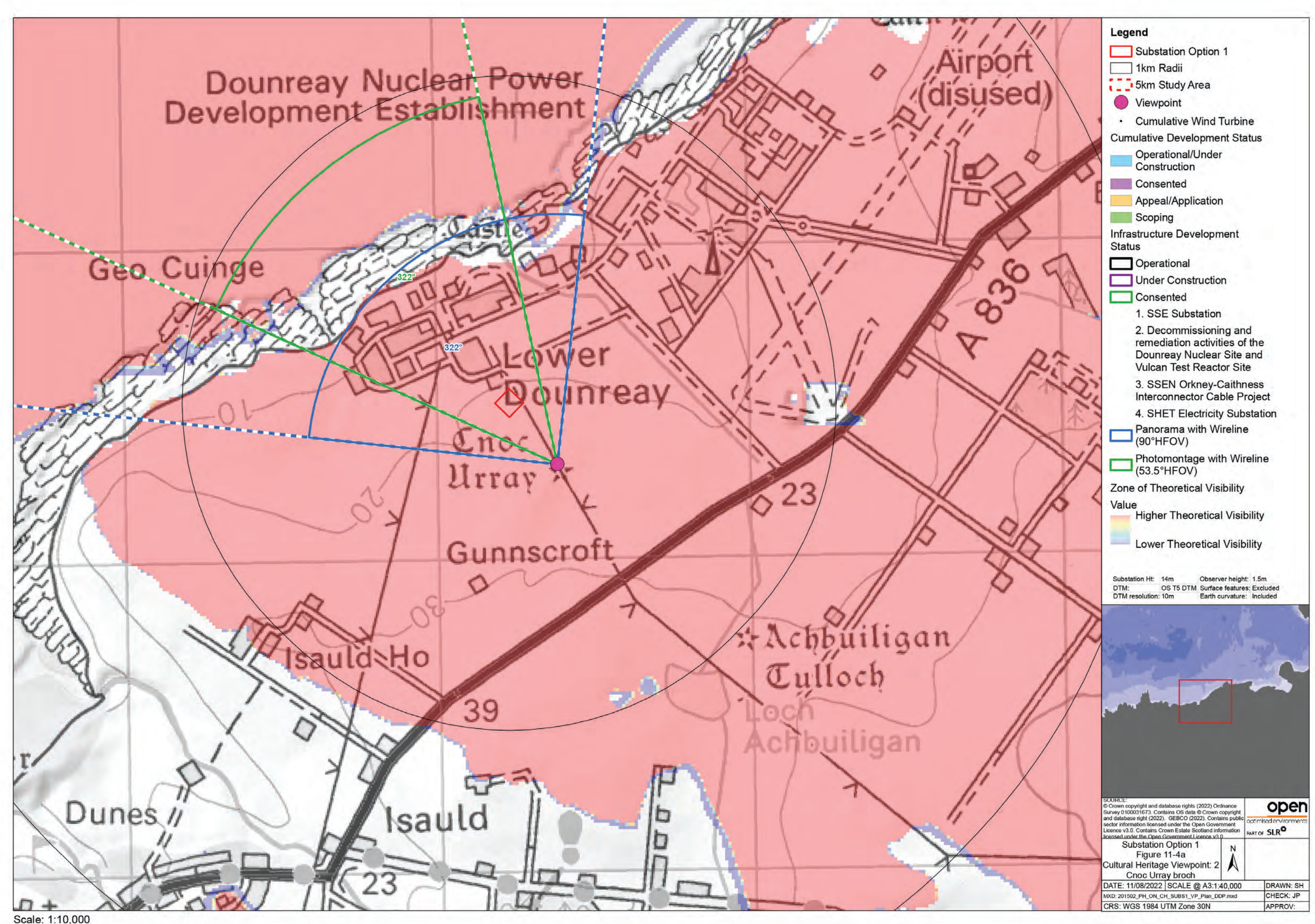
View flat at a comfortable arm's length

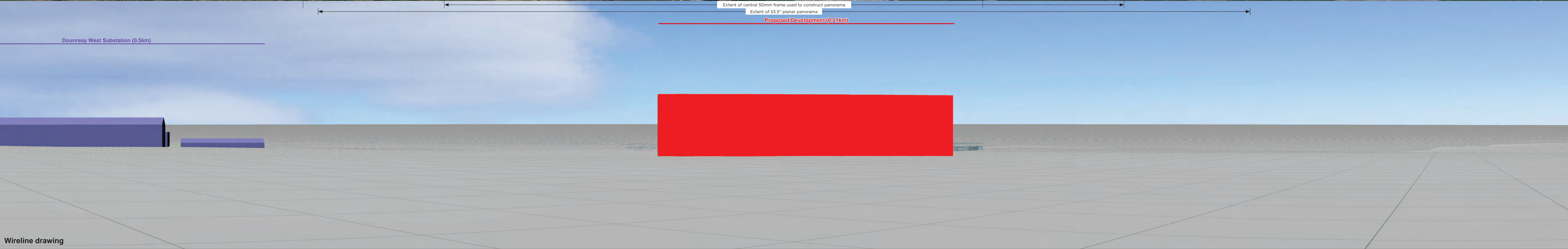


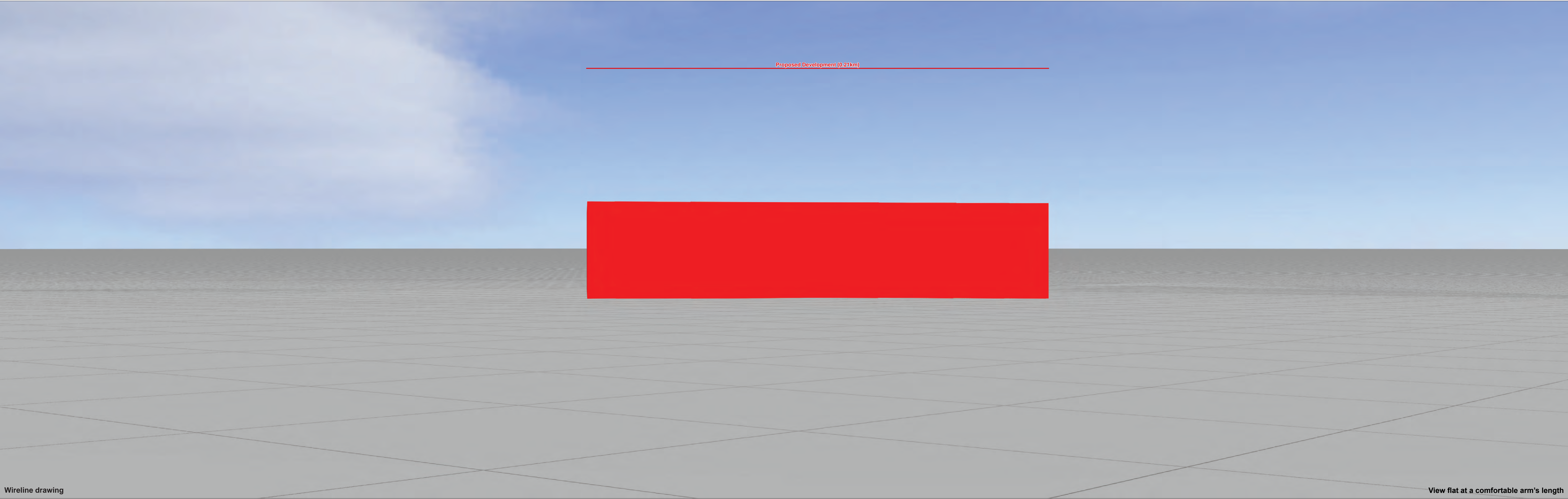
Photomontage: Proposed Development

View flat at a comfortable arm's length

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Eye level: 5.1 mAOD		Principal distance: 812.5 mm		Lens: Canon EF 50mm f/1.4		Viewpoint 1: Fresgoe Harbour	
Direction of view: 78°		Paper size: 841 x 297 mm (half A1)		Camera height: 2.5 m		PFOWF Onshore Development Option 1	
Nearest edge: 2.45 km		Correct printed image size: 820 x 260 mm		Date and time: 15.04.2021 16:52		<small>© Crown copyright, All rights reserved (2021). Licence number 0100031673</small>	







Wireline drawing

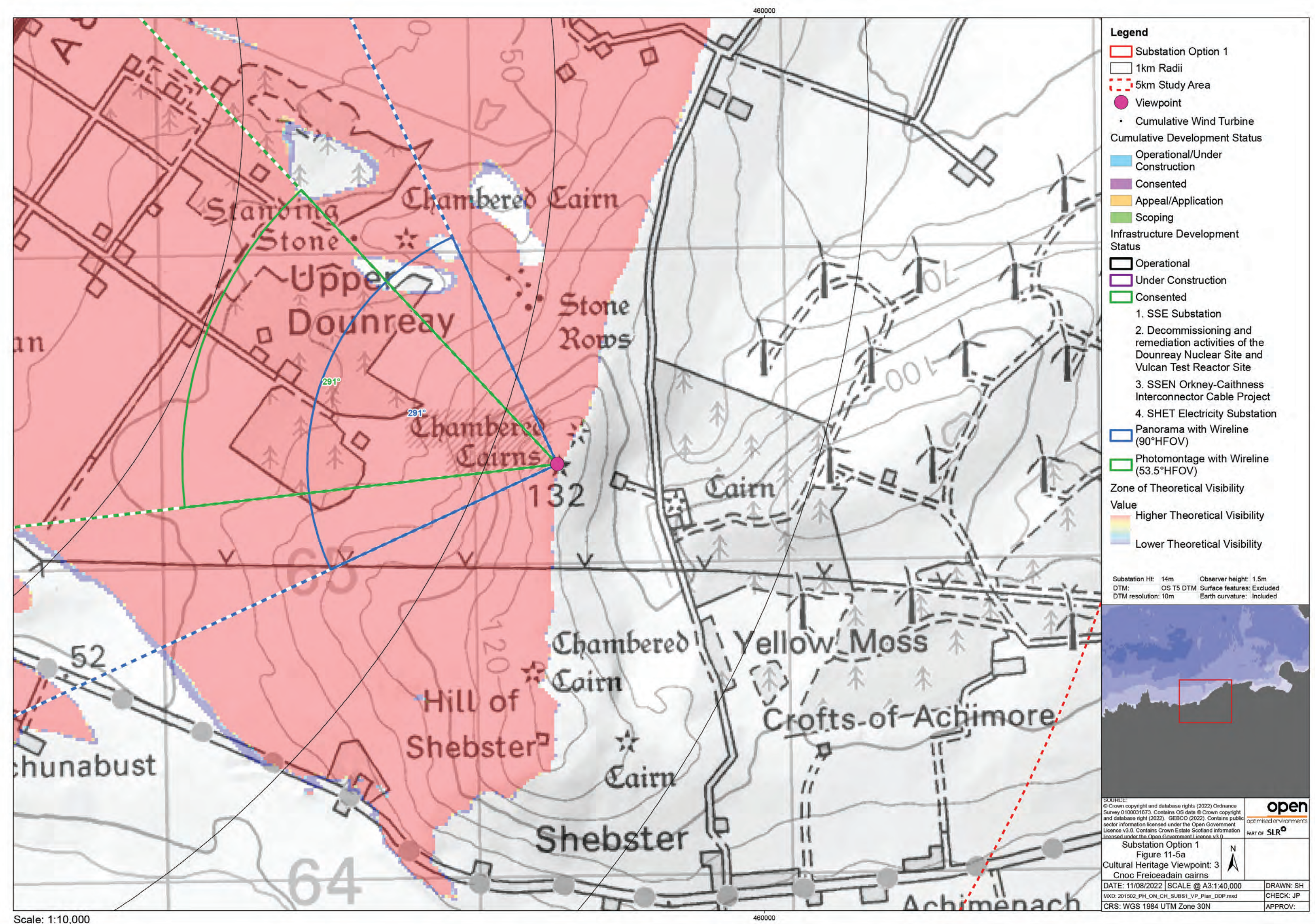
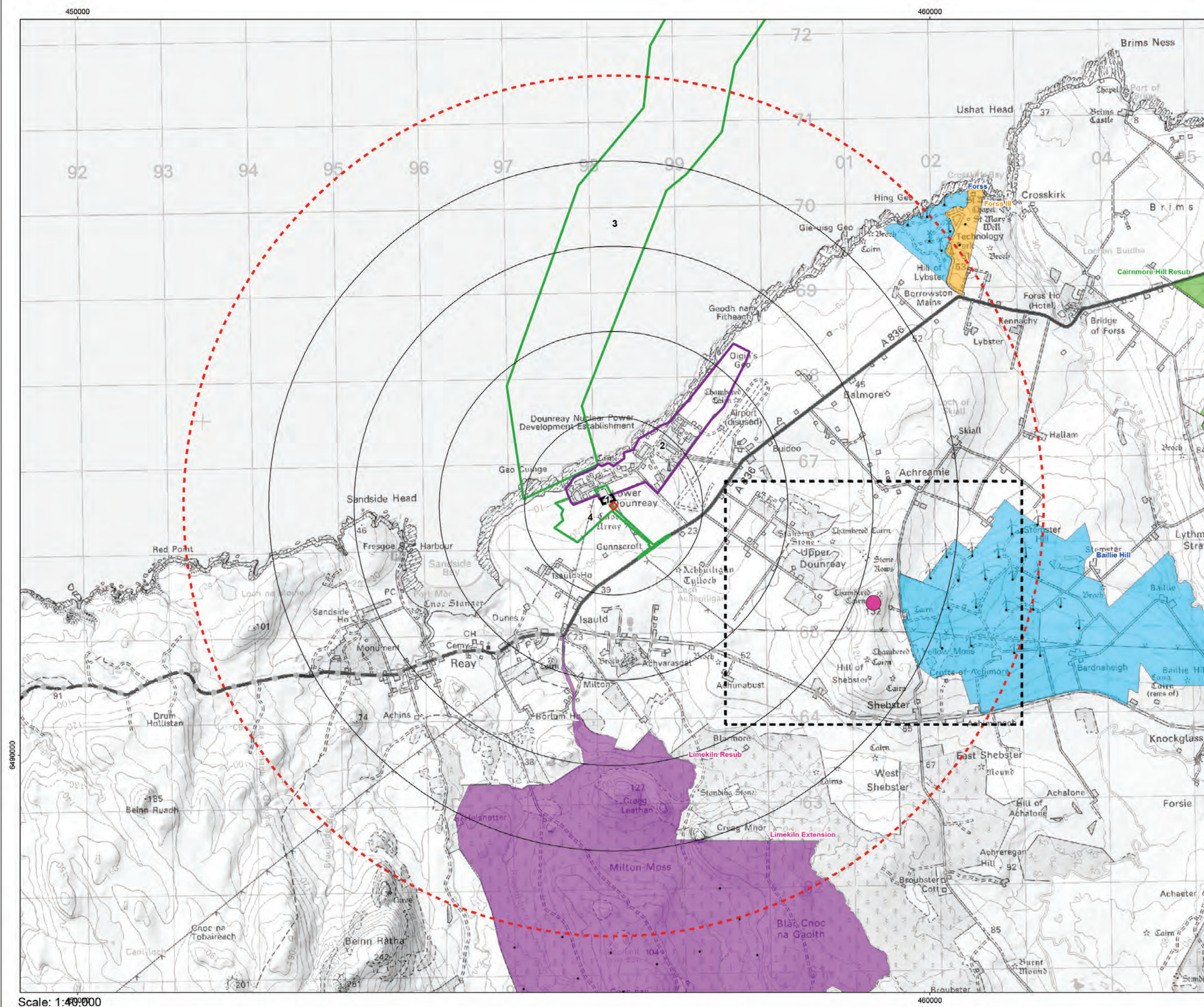
View flat at a comfortable arm's length



Photomontage: Proposed Development

View flat at a comfortable arm's length

OS reference: 298383 E 966300 N		Horizontal field of view: 53.5° (planar projection)		Camera: Canon EOS 6D		Figure: 11.4d	
Eye level: 26.3 mAOD		Principal distance: 812.5 mm		Lens: Canon EF 50mm f/1.4		Viewpoint 2: Cnoc Urray broch	
Direction of view: 322°		Paper size: 841 x 297 mm (half A1)		Camera height: 1.5 m		PFOWF Onshore Development Option 1	
Nearest edge: 0.21 km		Correct printed image size: 820 x 260 mm		Date and time: 10.11.2021 11:26		© Crown copyright, All rights reserved (2021). Licence number 0100031673	



Legend

- Substation Option 1
- 1km Radii
- 5km Study Area
- Viewpoint
- Cumulative Wind Turbine
- Cumulative Development Status
 - Operational/Under Construction
 - Consented
 - Appeal/Application
 - Scoping
- Infrastructure Development Status
 - Operational
 - Under Construction
 - Consented
- 1. SSE Substation
- 2. Decommissioning and remediation activities of the Dounreay Nuclear Site and Vulcan Test Reactor Site
- 3. SSEN Orkney-Caitness Interconnector Cable Project
- 4. SHET Electricity Substation
- Panorama with Wireline (90°HFOV)
- Photomontage with Wireline (53.5°HFOV)
- Zone of Theoretical Visibility
 - Higher Theoretical Visibility
 - Lower Theoretical Visibility

Substation Ht: 14m Observer height: 1.5m
DTM: OS T5 DTM Surface features: Excluded
DTM resolution: 10m Earth curvature: Included

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Substation Option 1
Figure 11-5a
Cultural Heritage Viewpoint: 3
Cnoc Freiceadain Cairns

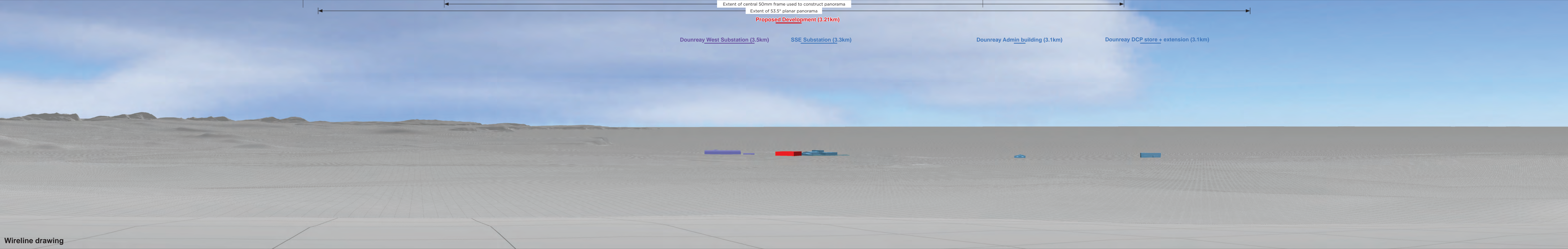
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CRS: WGS 1984 UTM Zone 30N APPROV:

open
acknowledged environments
PART OF SLR

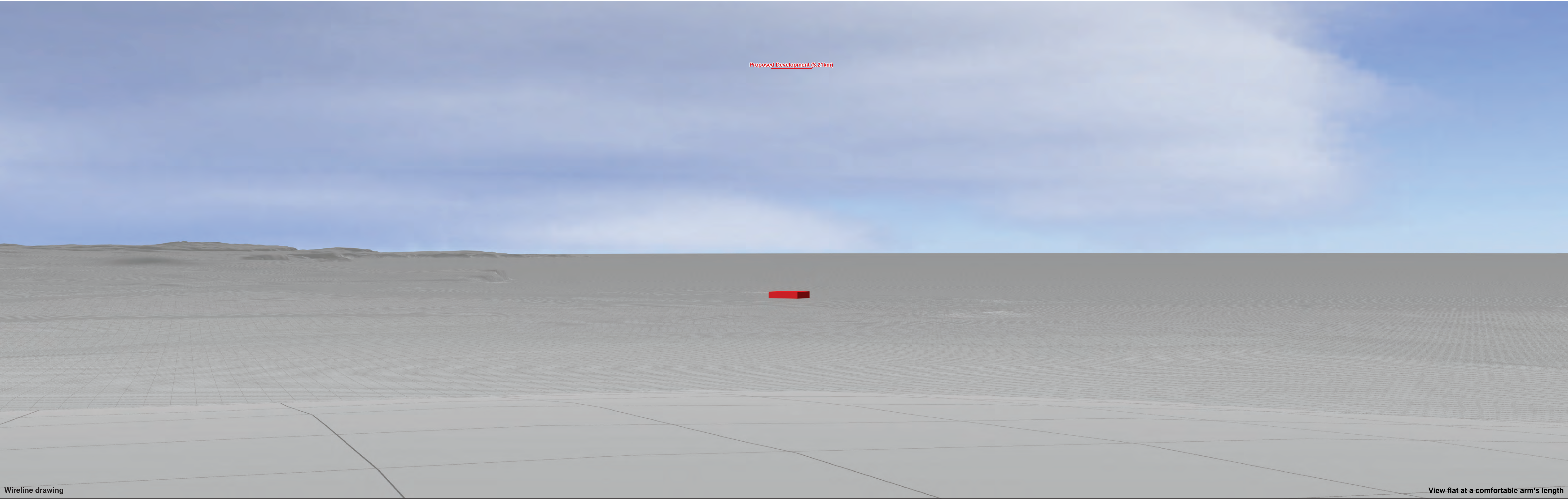


Baseline photograph

This image provides landscape and visual context only



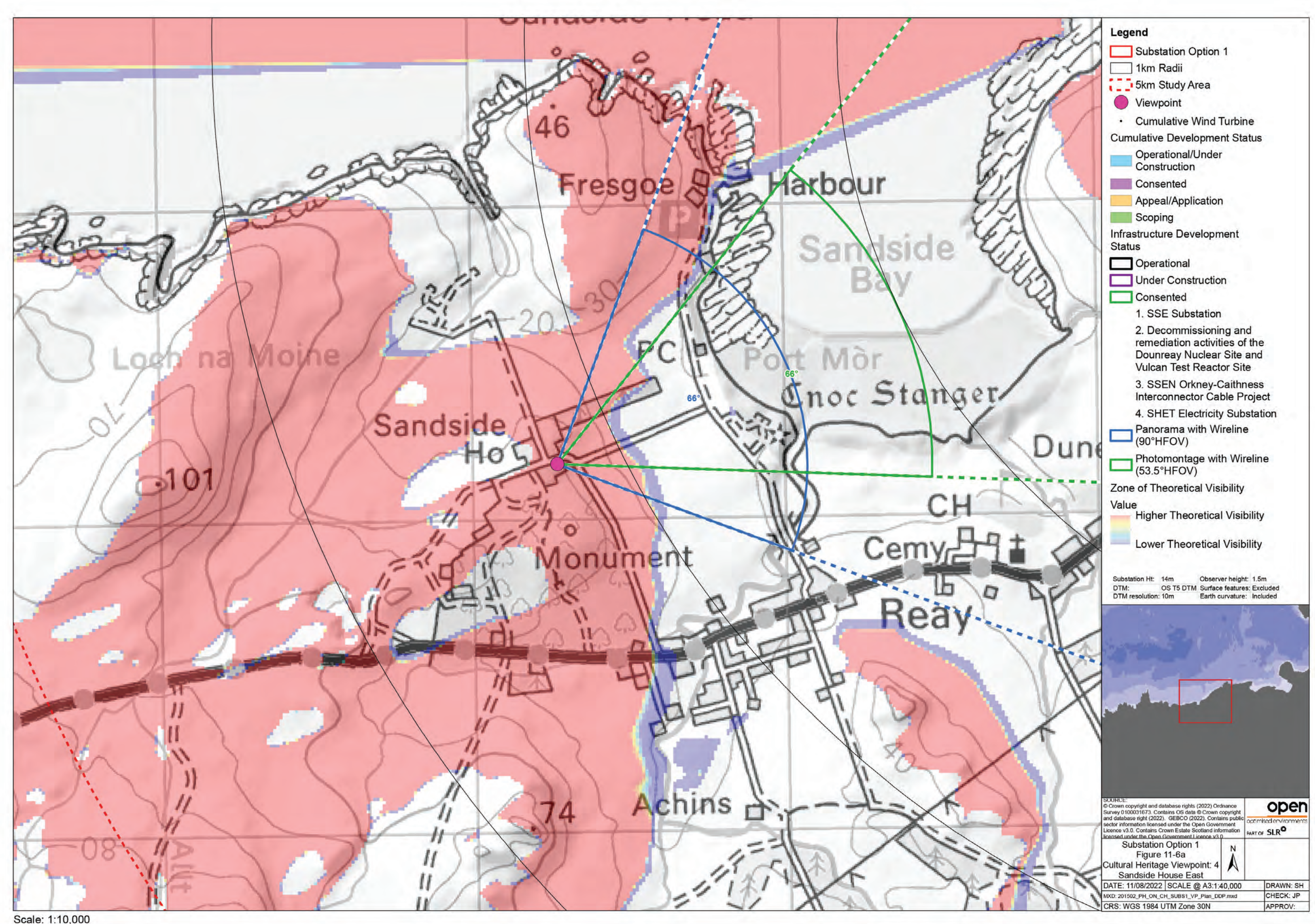
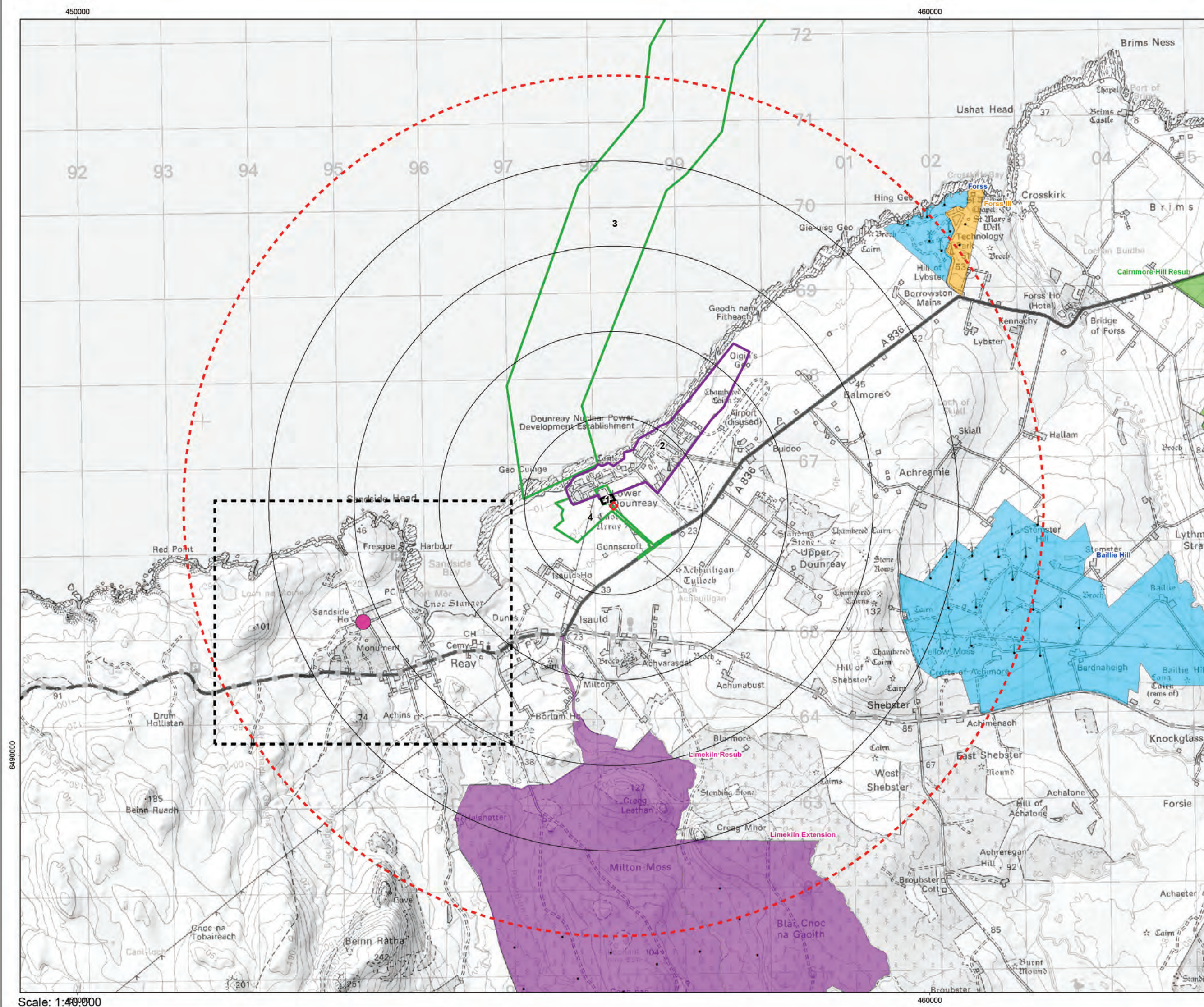
Wireline drawing



Wireline drawing

View flat at a comfortable arm's length





Legend

- Substation Option 1
- 1km Radii
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- Zone of Theoretical Visibility
- Value
- Higher Theoretical Visibility
- Lower Theoretical Visibility

Substation Ht: 14m Observer height: 1.5m
DTM: OS T5 DTM Surface features: Excluded
DTM resolution: 10m Earth curvature: Included

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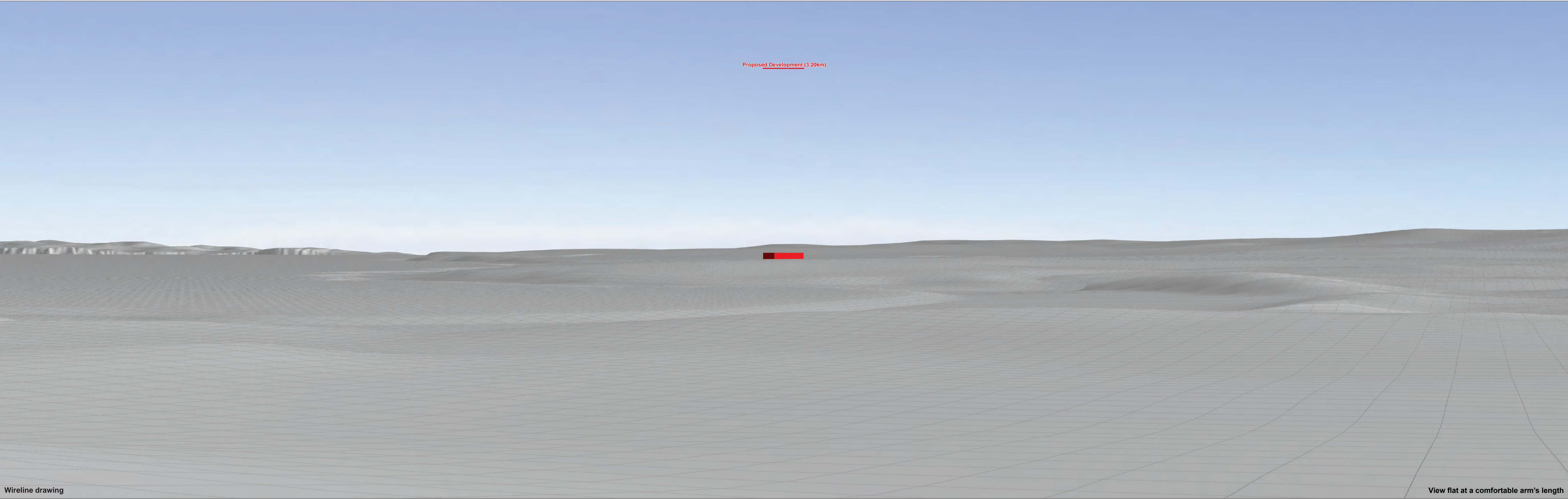
open
permitted environments
PART OF SLR

Substation Option 1
Figure 11-6a
Cultural Heritage Viewpoint: 4
Sandside House East

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DRAWN: SH
CHECK: JP
APPROV:





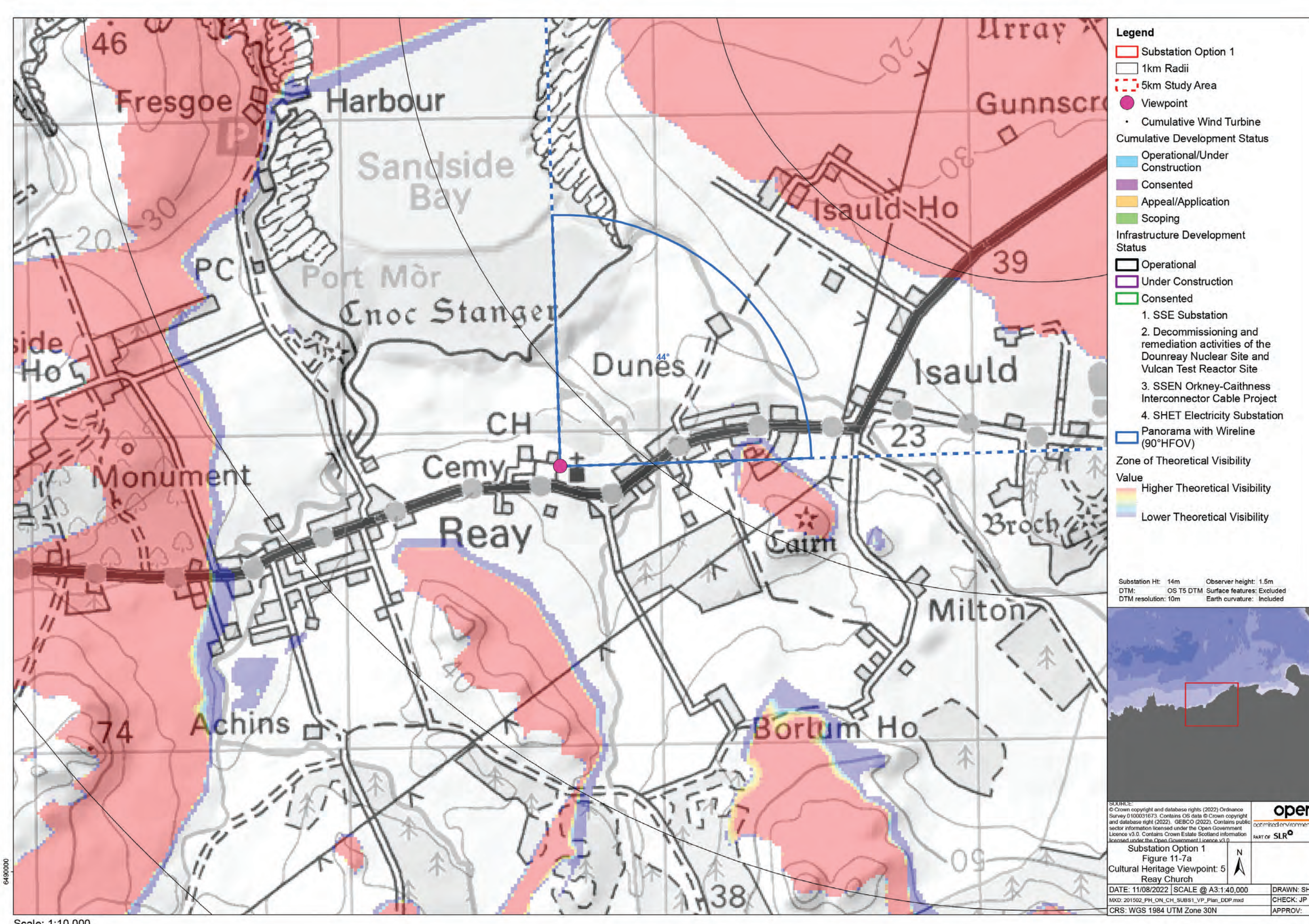
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View flat at a comfortable arm's length



Photomontage: Proposed Development

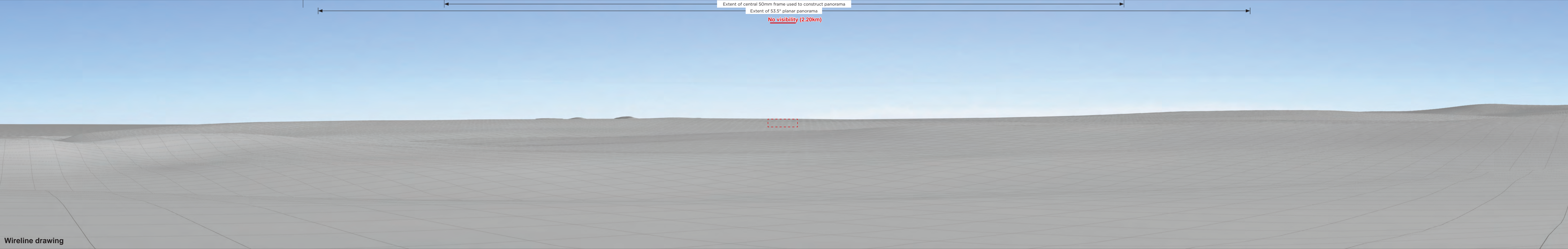
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Baseline photograph

This image provides landscape and visual context only

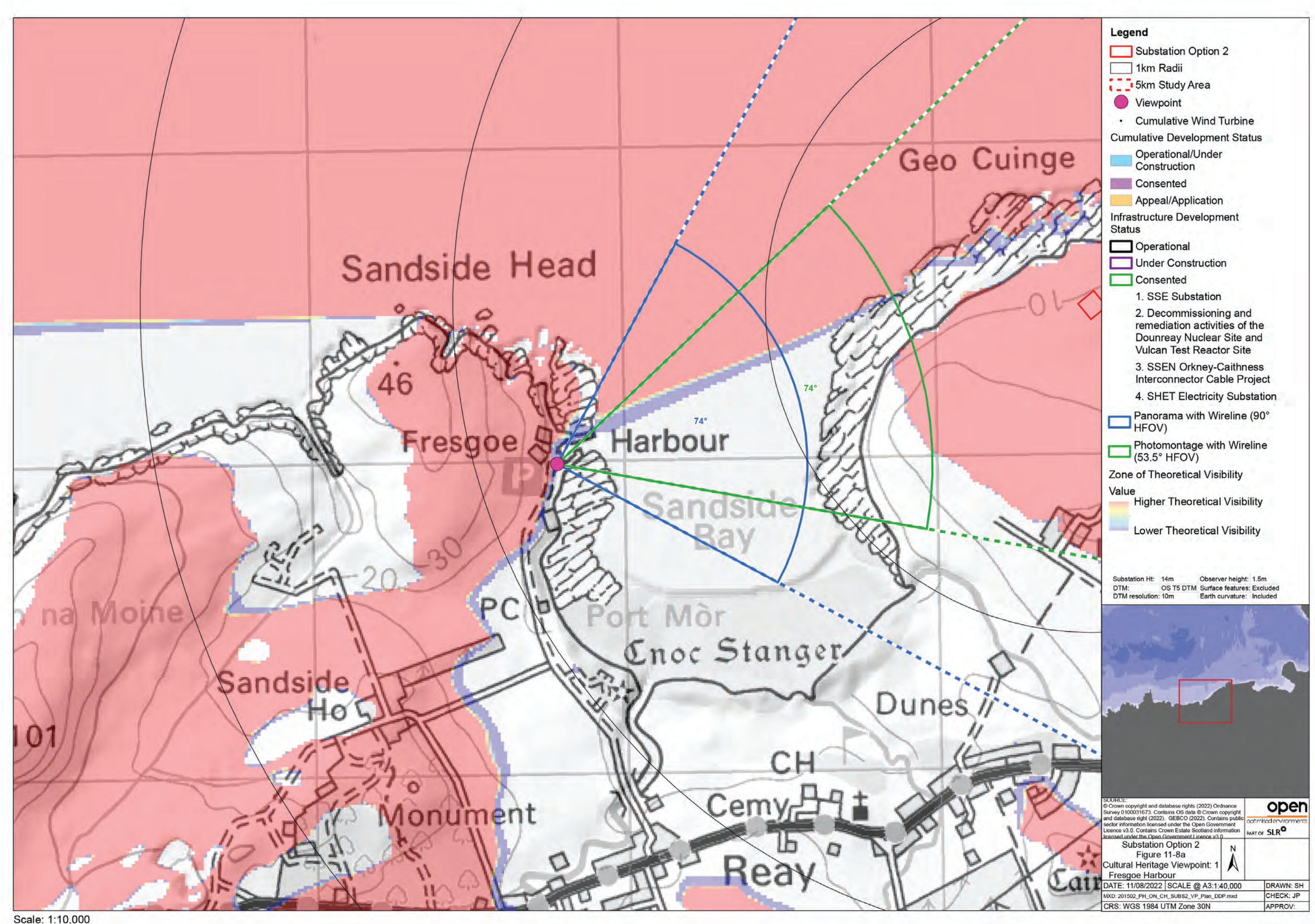
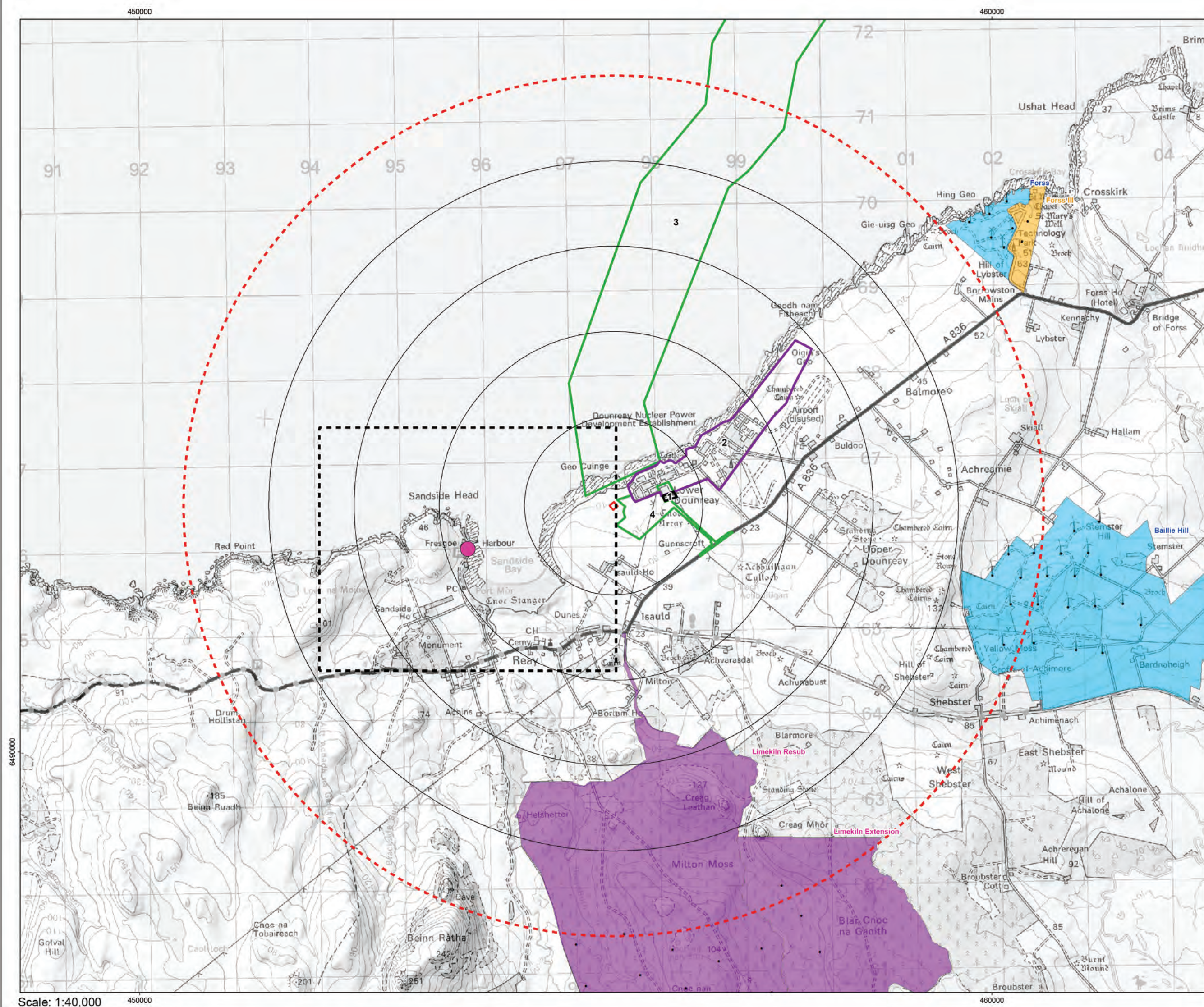


Wireline drawing

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- 11.9a-d Viewpoint 2: Cnoc Urray broch
- 11.10a-d Viewpoint 3: Cnoc Freiceadain cairns
- 11.11a-d Viewpoint 4: Sandside House East
- 11.12a-b Viewpoint 5: Reay Church





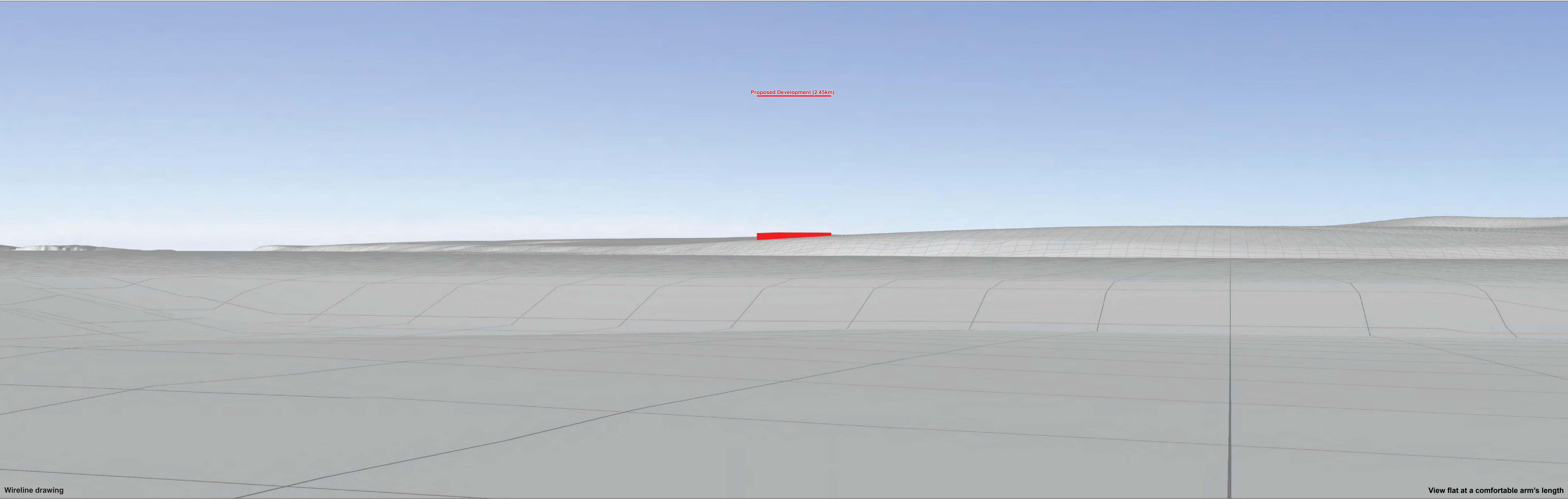


Baseline photograph

This image provides landscape and visual context only



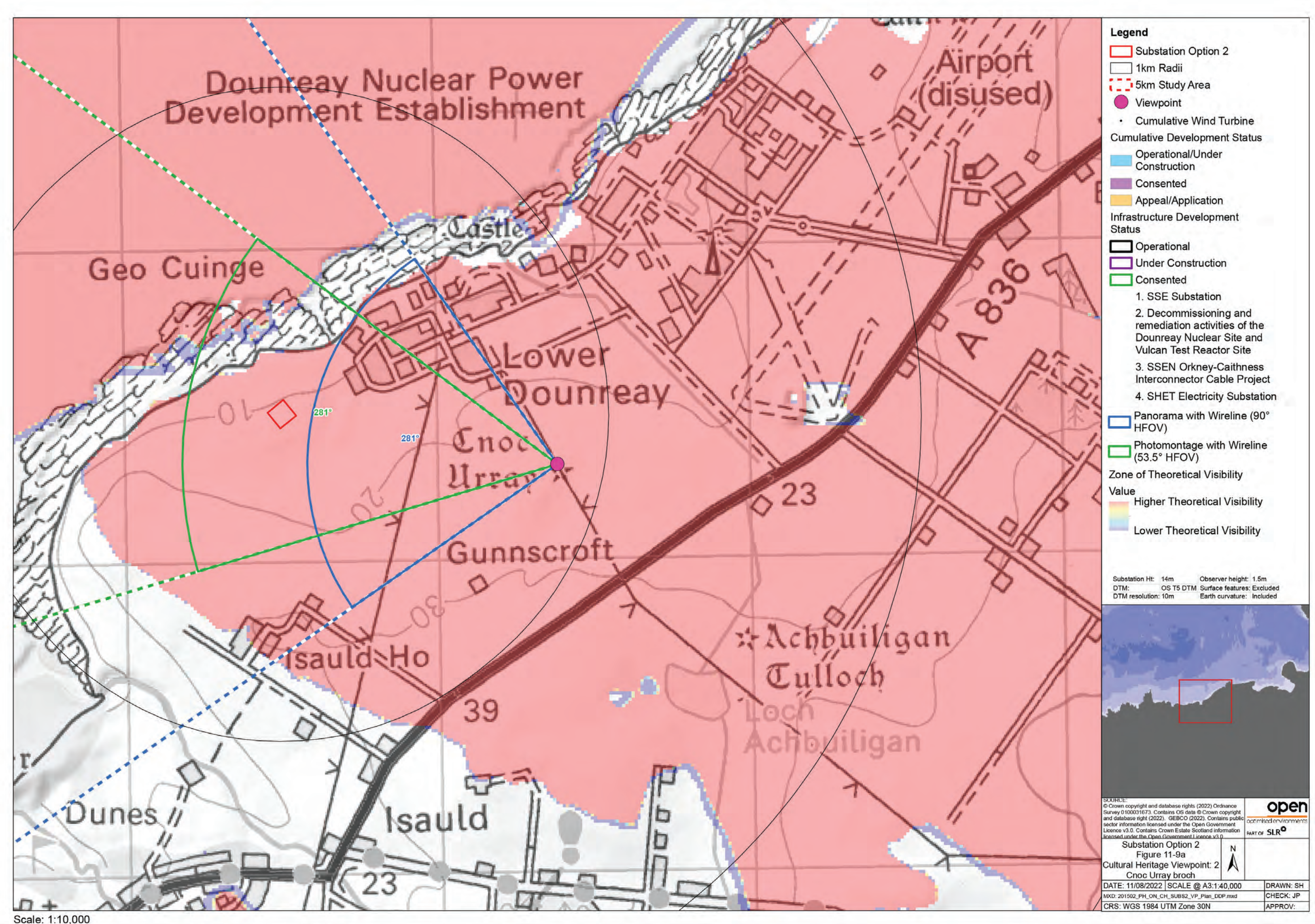
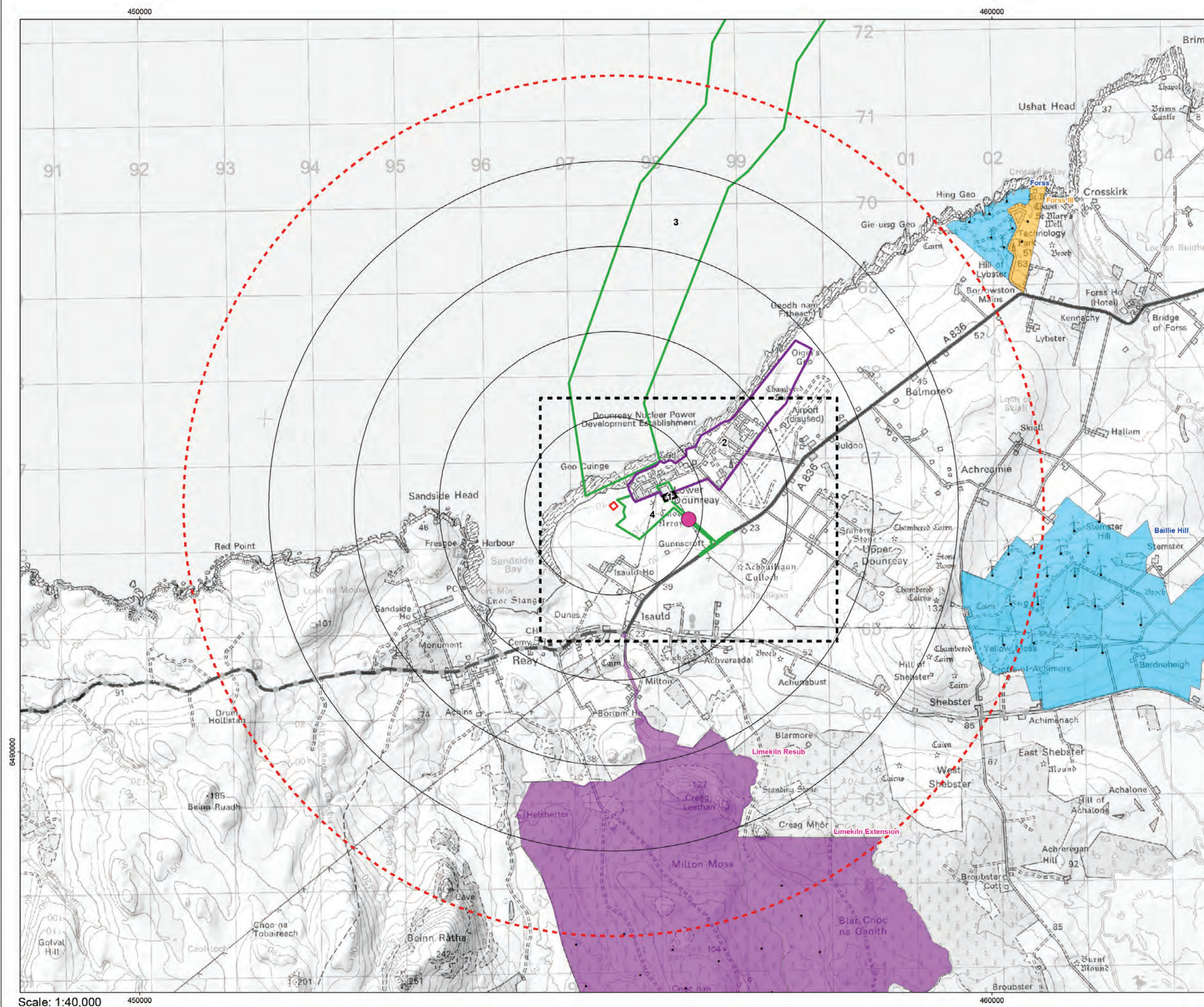
Wireline drawing

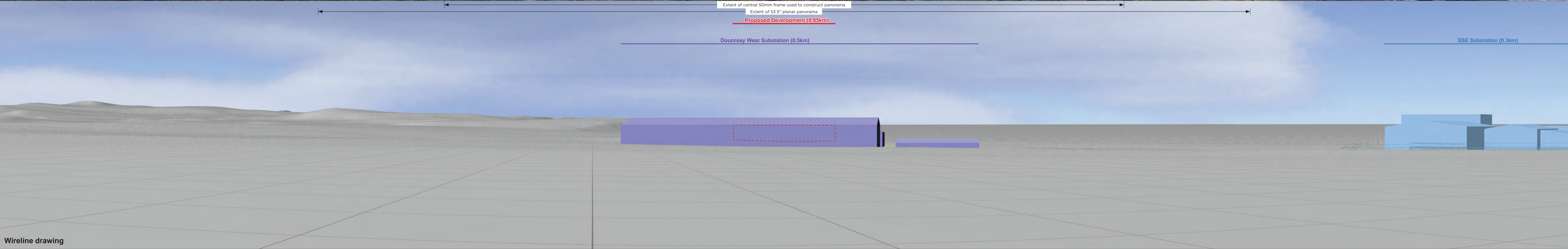


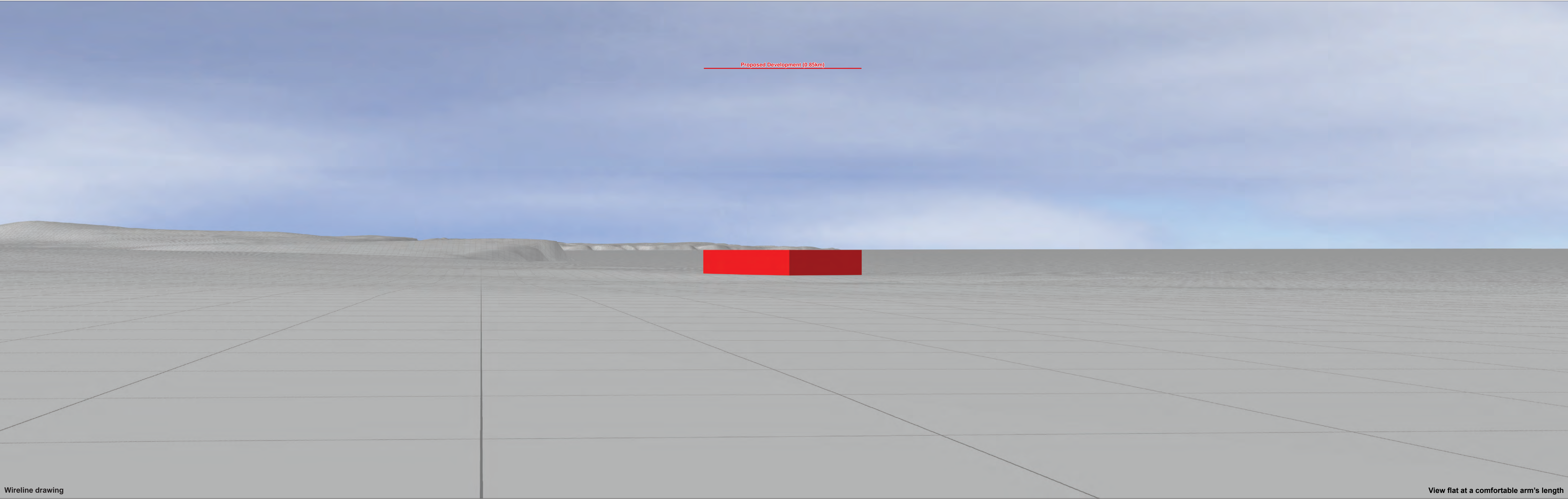


Photomontage: Proposed Development

View flat at a comfortable arm's length







Wireline drawing

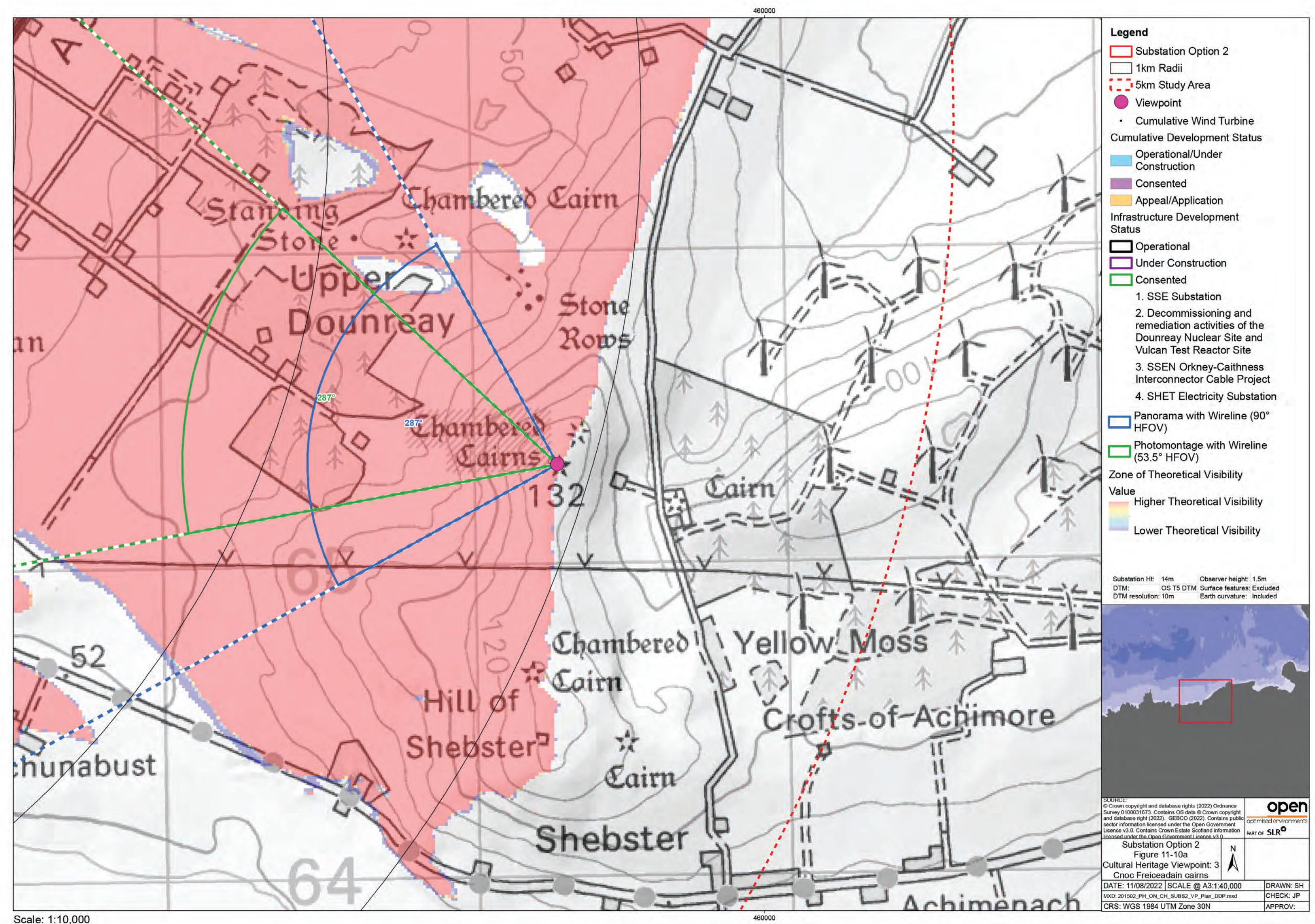
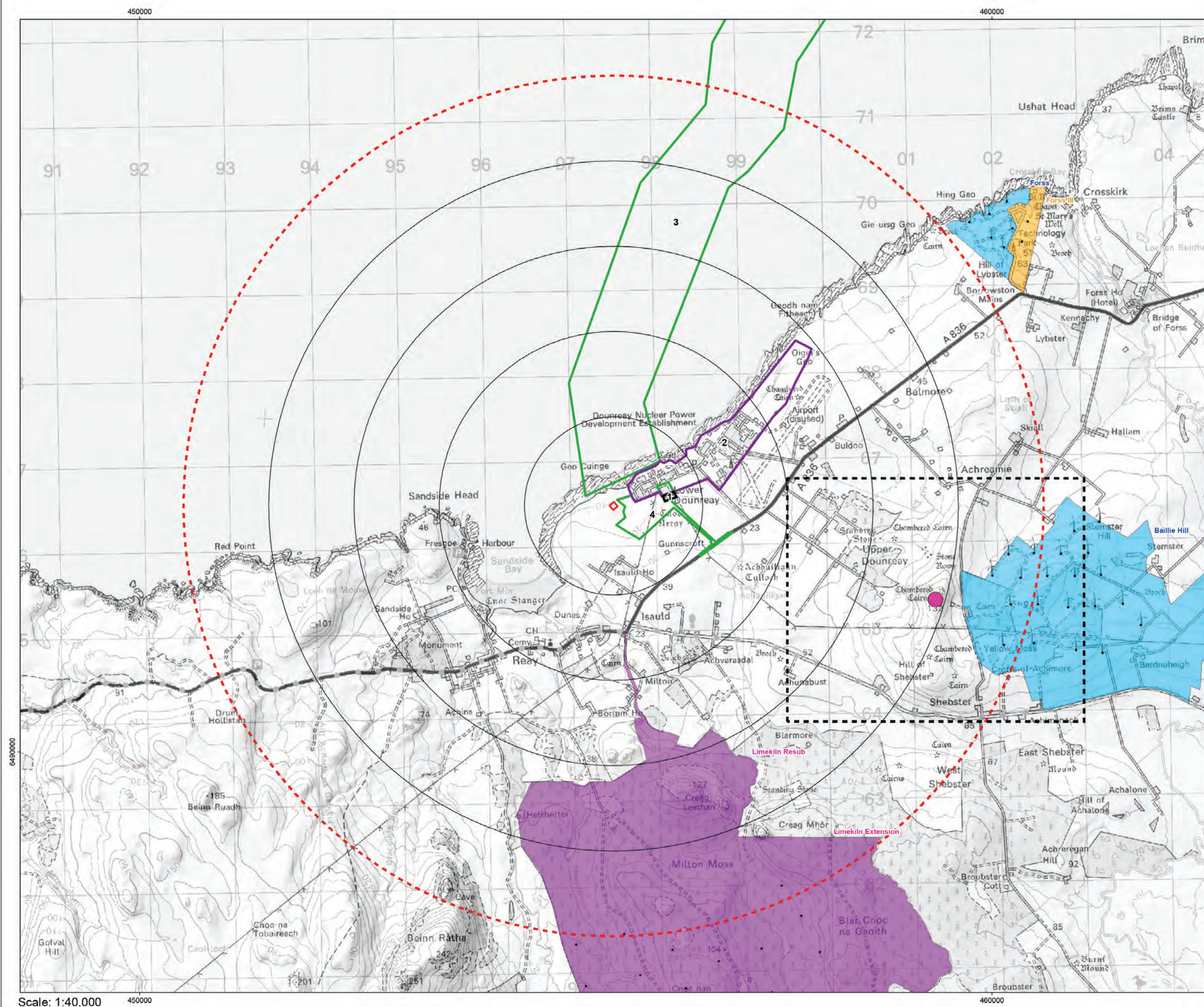
View flat at a comfortable arm's length



Photomontage: Proposed Development

View flat at a comfortable arm's length

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Eye level:	26.3 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4	
Direction of view:	281°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	
Nearest edge:	0.85 km	Correct printed image size:	820 x 260 mm	Date and time:	10.11.2021 11:26	



Legend

- Substation Option 2
- 1km Radii
- 5km Study Area
- Viewpoint
- Cumulative Wind Turbine
- Cumulative Development Status
- Operational/Under Construction
- Consented
- Appeal/Application
- Infrastructure Development Status
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- 1. SSE Substation
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- Lower Theoretical Visibility

Substation Ht: 14m Observer height: 1.5m
DTM: OS T5 DTM Surface features: Excluded
DTM resolution: 10m Earth curvature: Included

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Substation Option 2
Figure 11-10a
Cultural Heritage Viewpoint: 3
Cnoc Freiceadain Cairns

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CHECK: JP
APPROV:

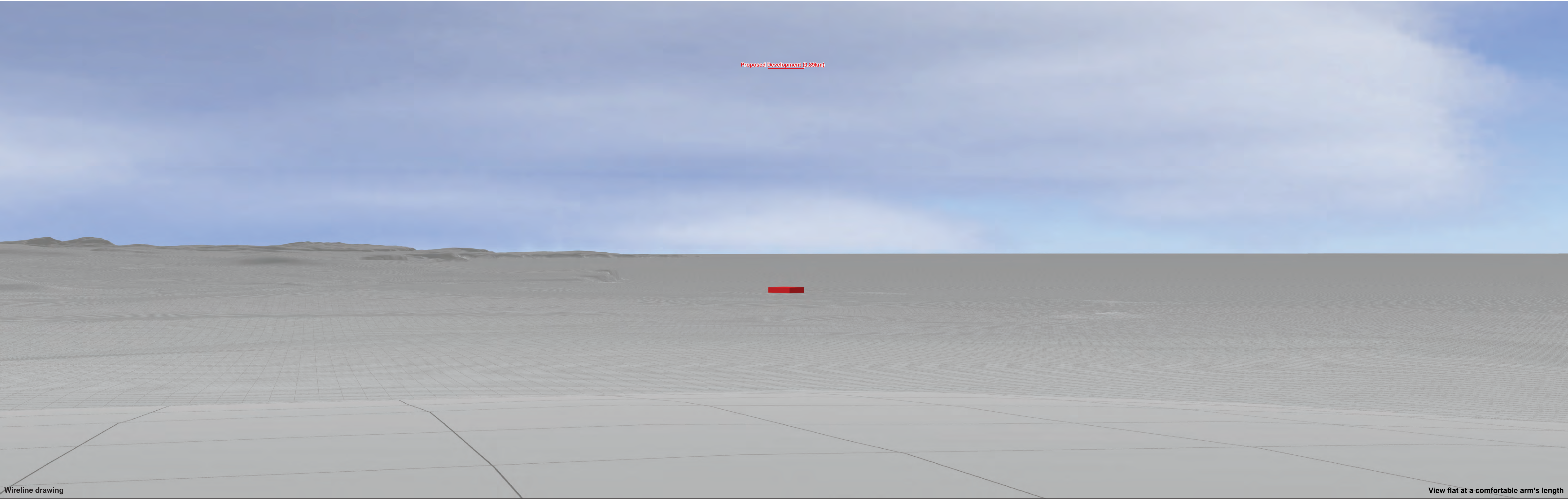
open
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Baseline photograph

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Wireline drawing

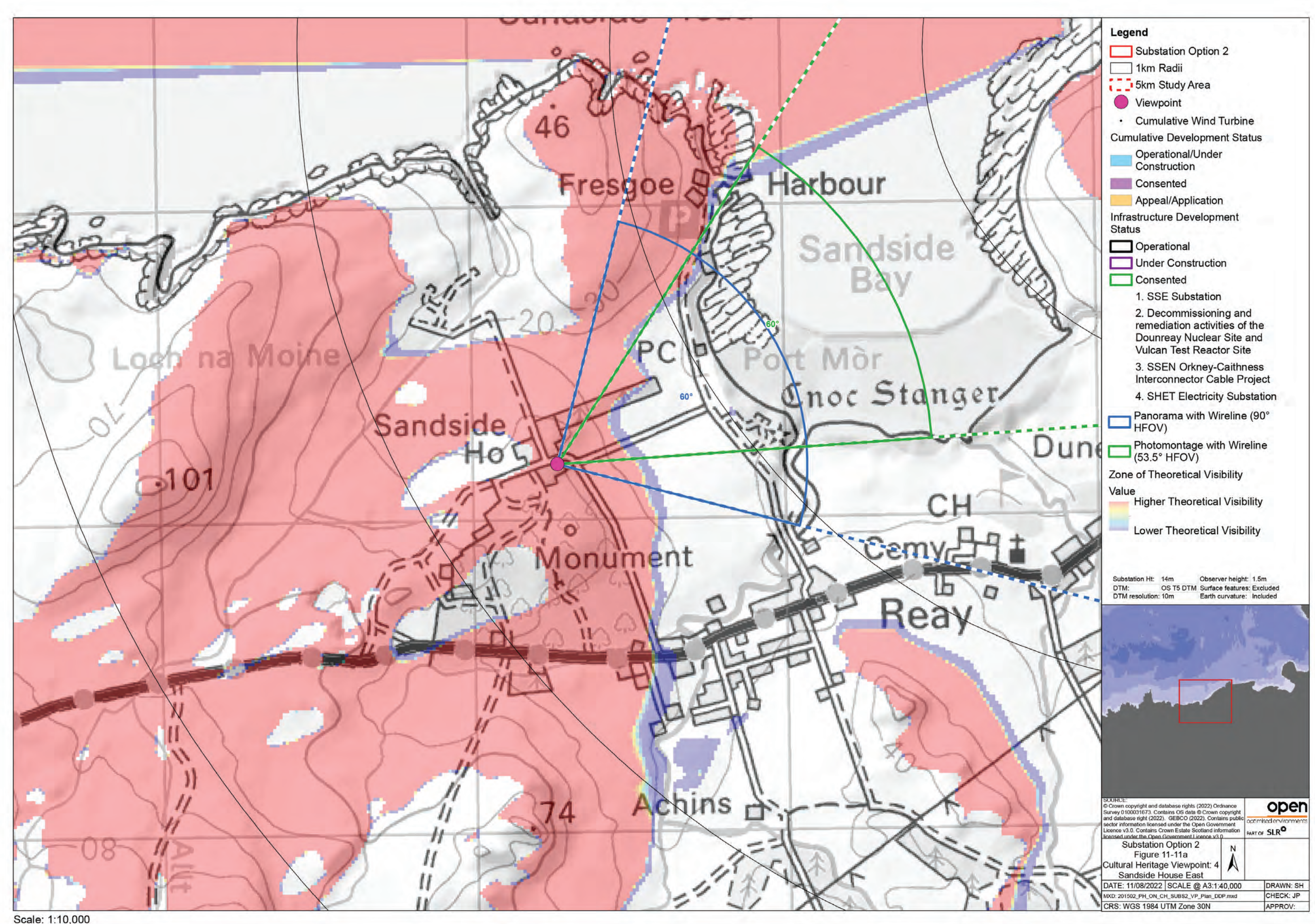
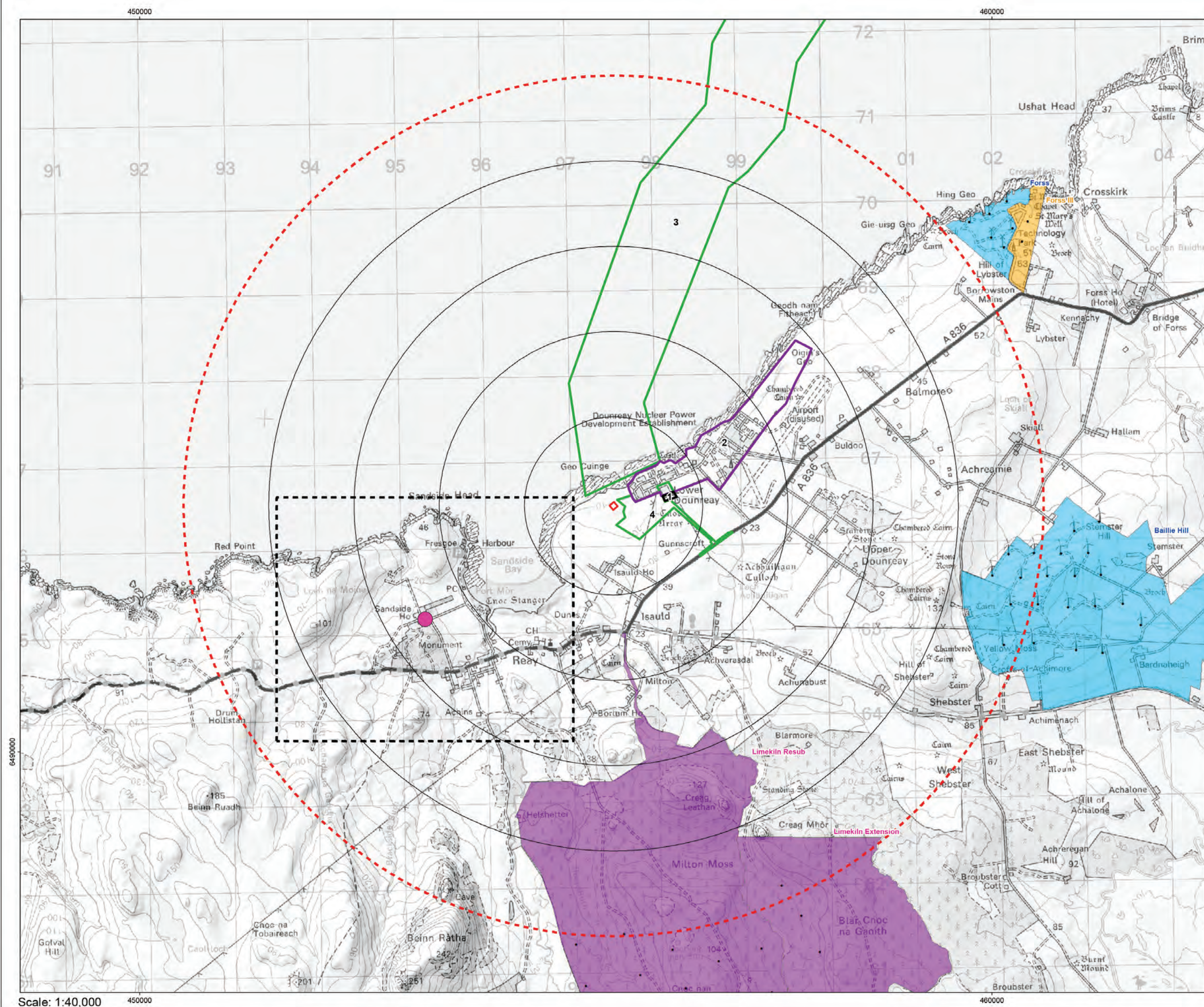
View flat at a comfortable arm's length



Photomontage: Proposed Development

View flat at a comfortable arm's length

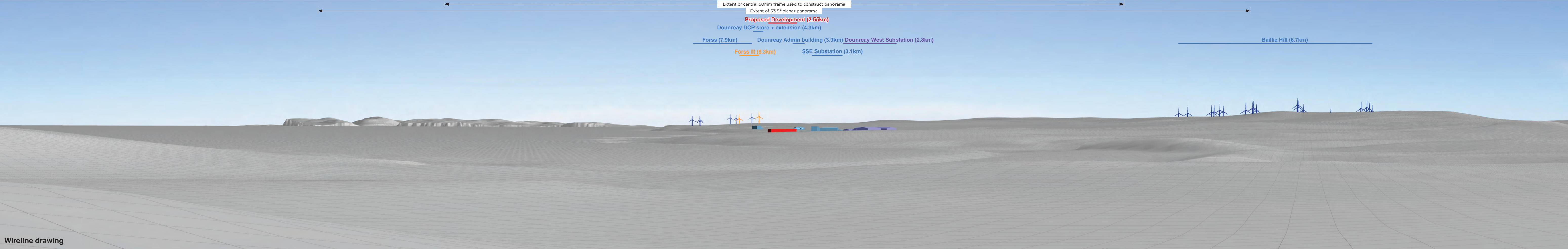
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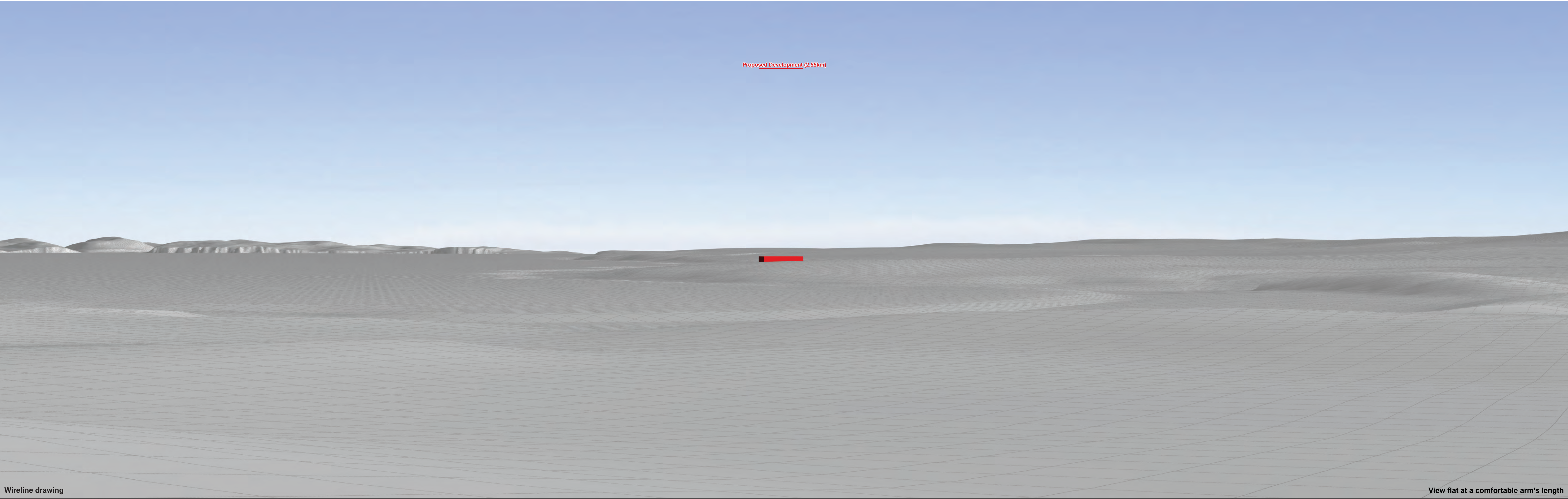


Baseline photograph

This image provides landscape and visual context only



Wireline drawing



Wireline drawing

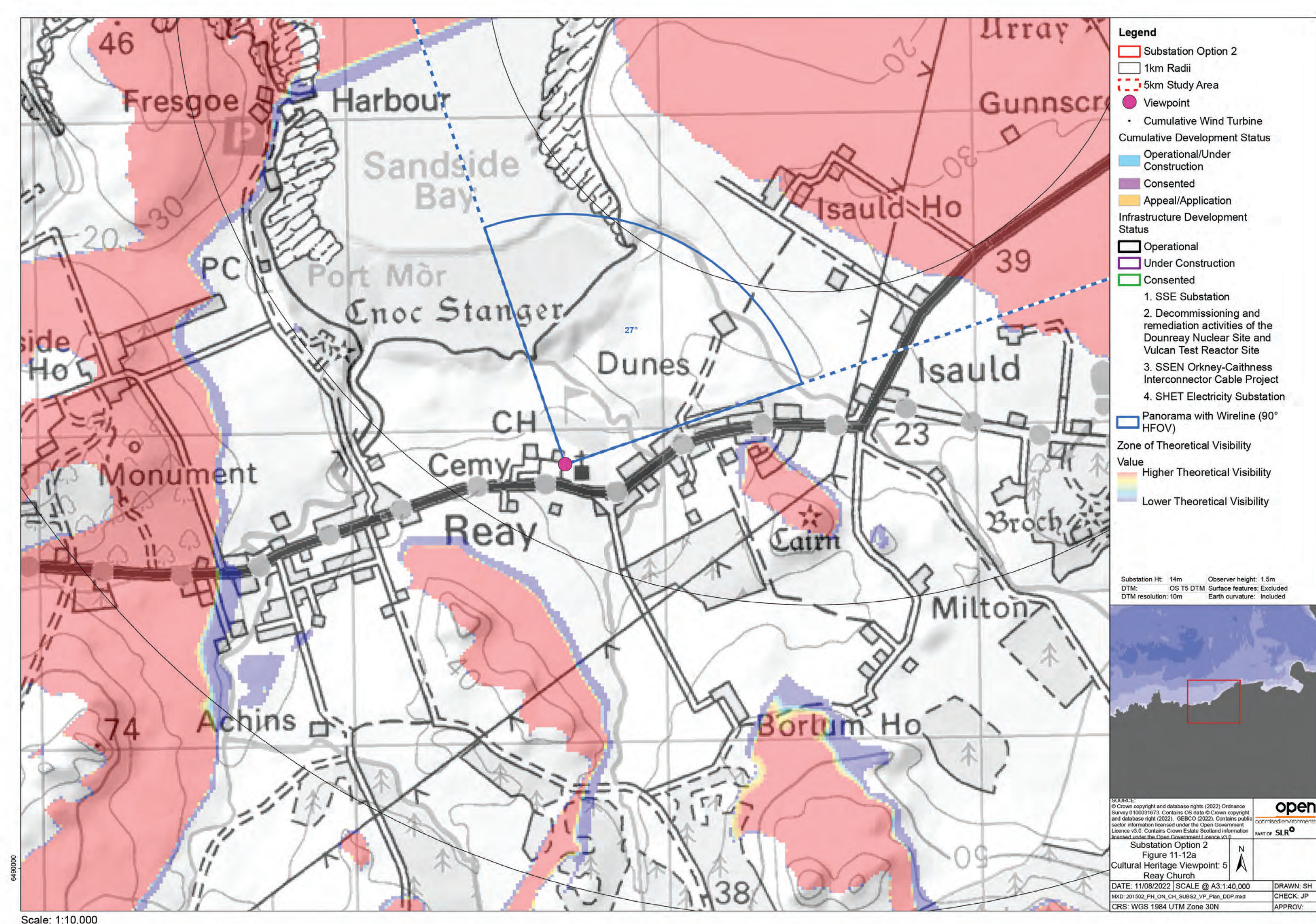
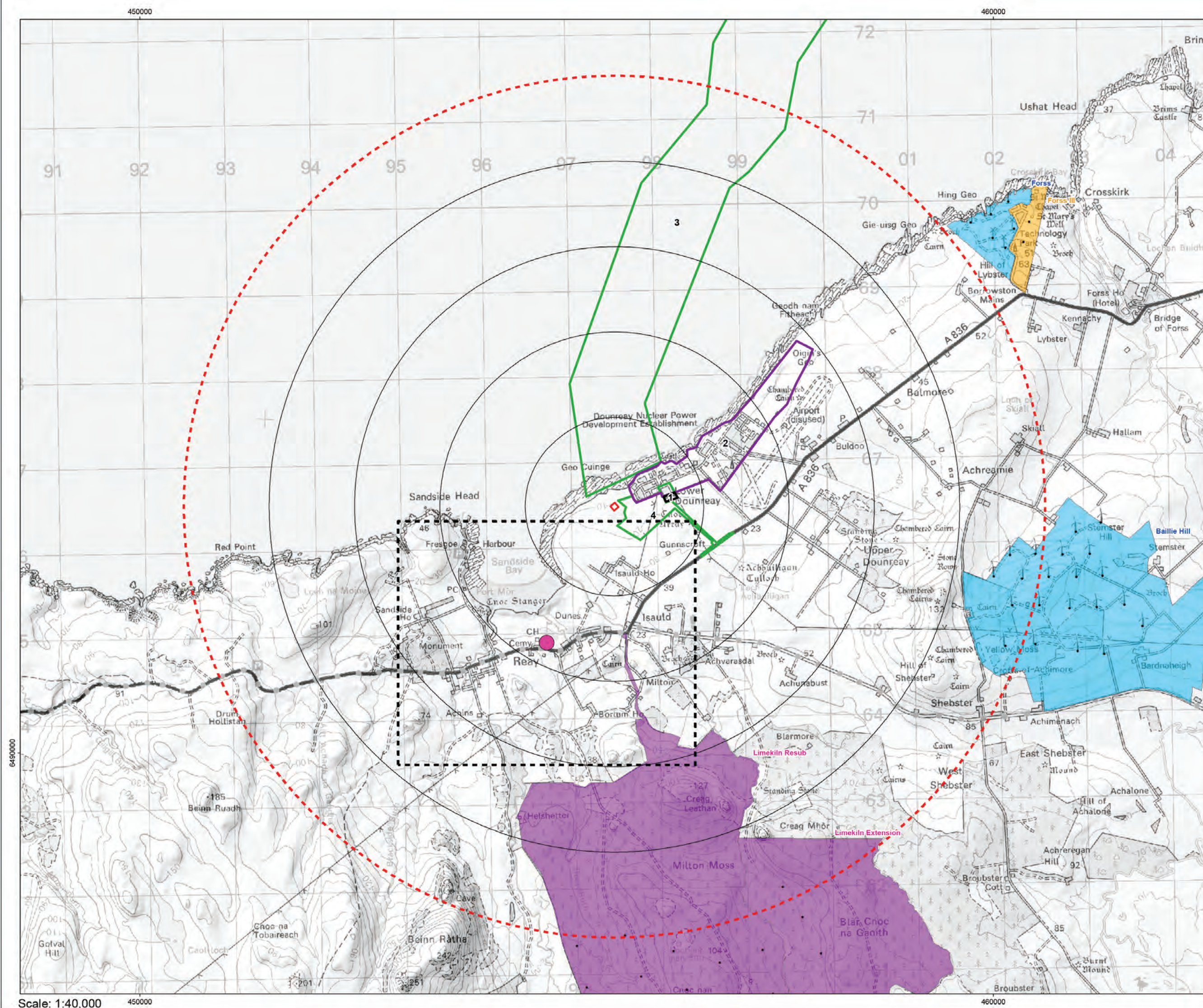
View flat at a comfortable arm's length



Photomontage: Proposed Development

View flat at a comfortable arm's length

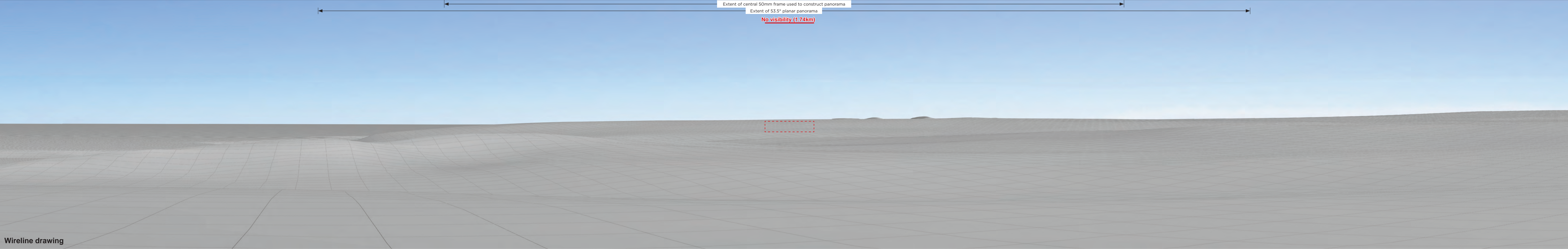
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Baseline photograph

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Wireline drawing