

Corriegarth 2 Wind Farm

Environmental Impact Assessment Report

Volume 2a - Figures

January 2021



CORRIEGARTH 2 WIND FARM

EIA Report – Volume 2a – Figures Excluding LVIA

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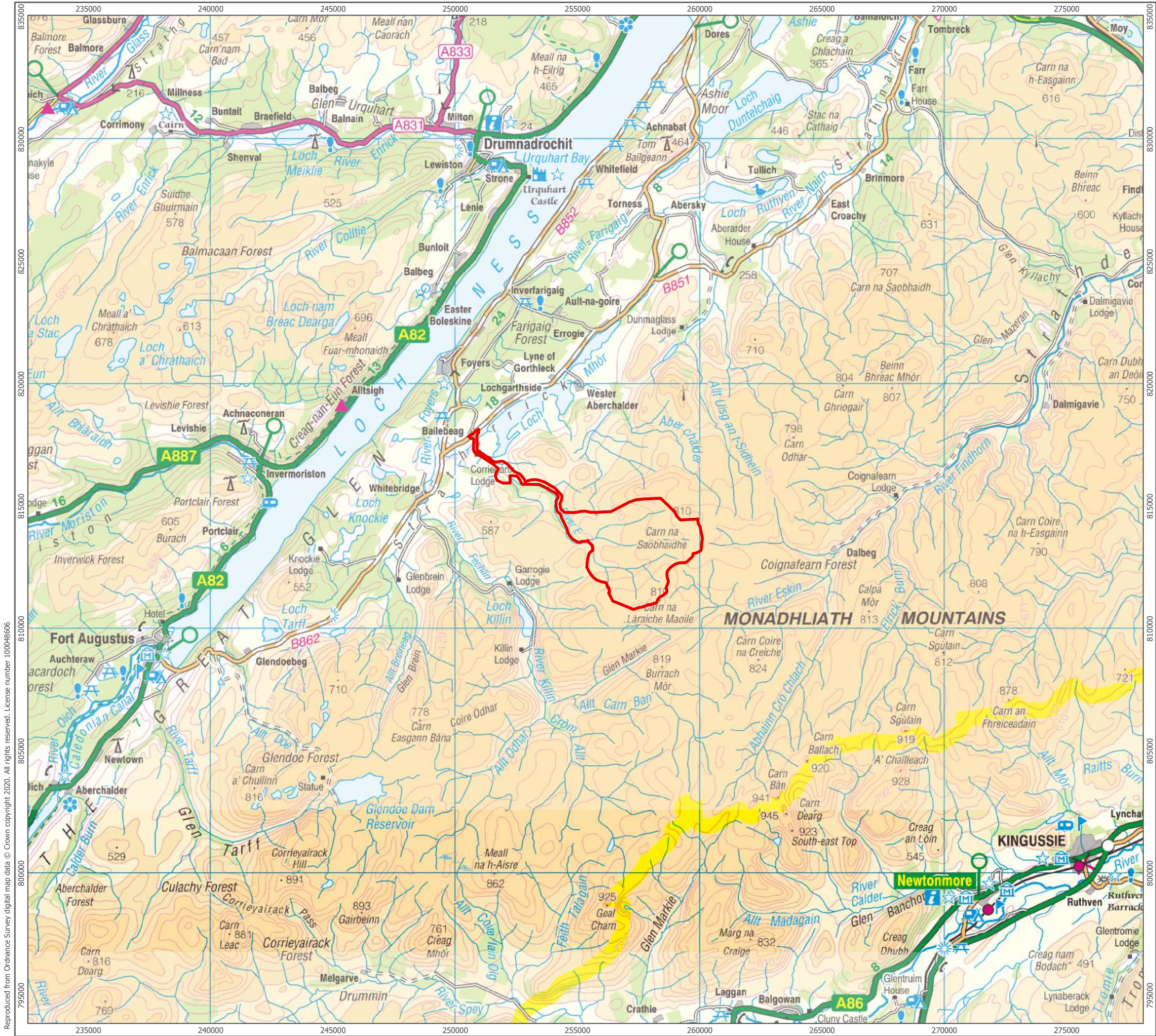
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Site Boundary

1:150,000 Scale @ A3

0 2 4 km



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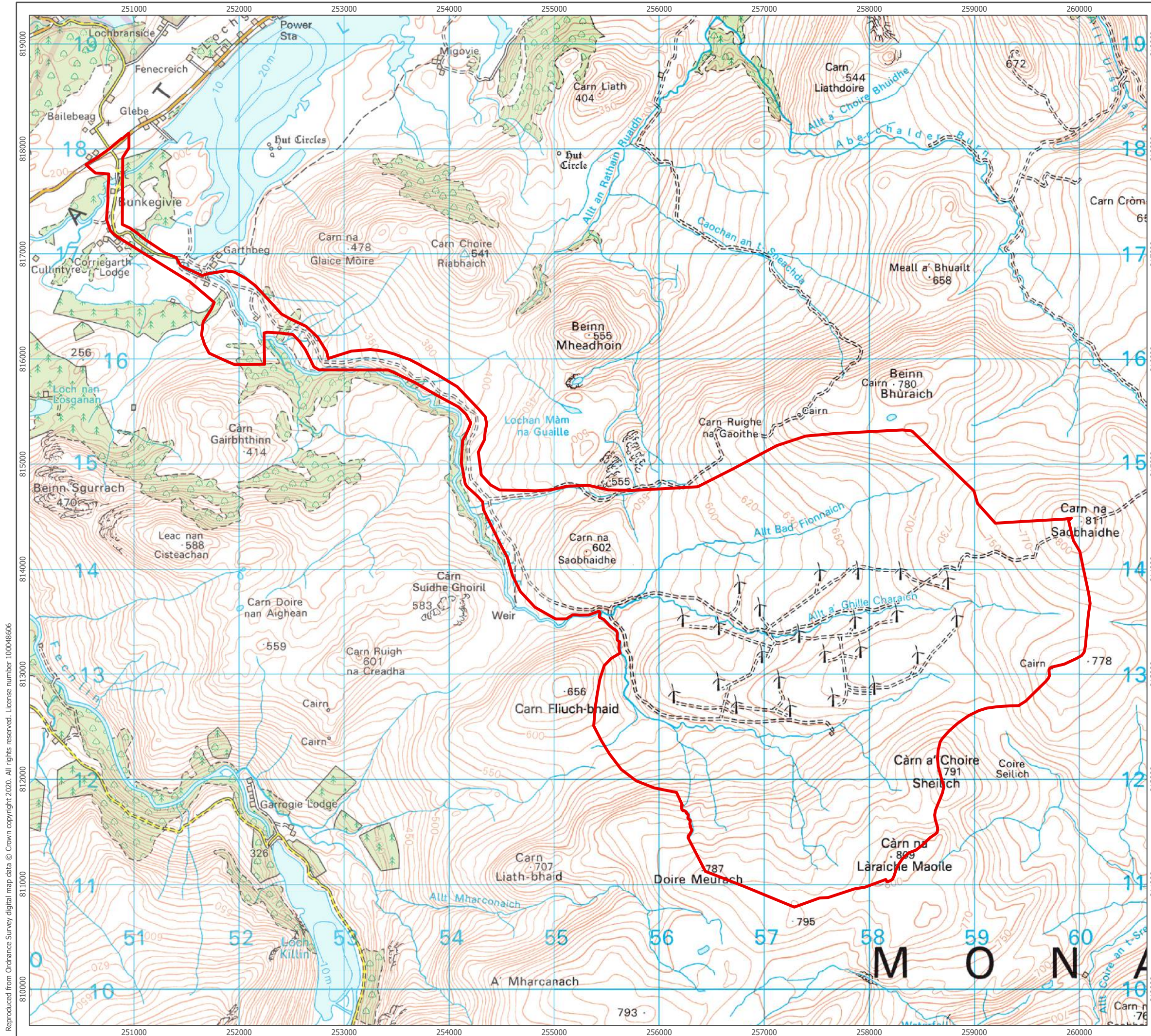
Ref: 3369-REP-046

Checked By: HK

Date: 09/09/2020

Site Location
Figure 1.1

Corriegarth 2 Wind Farm
EIA Report





 Site Boundary

1:35,000 Scale @ A3

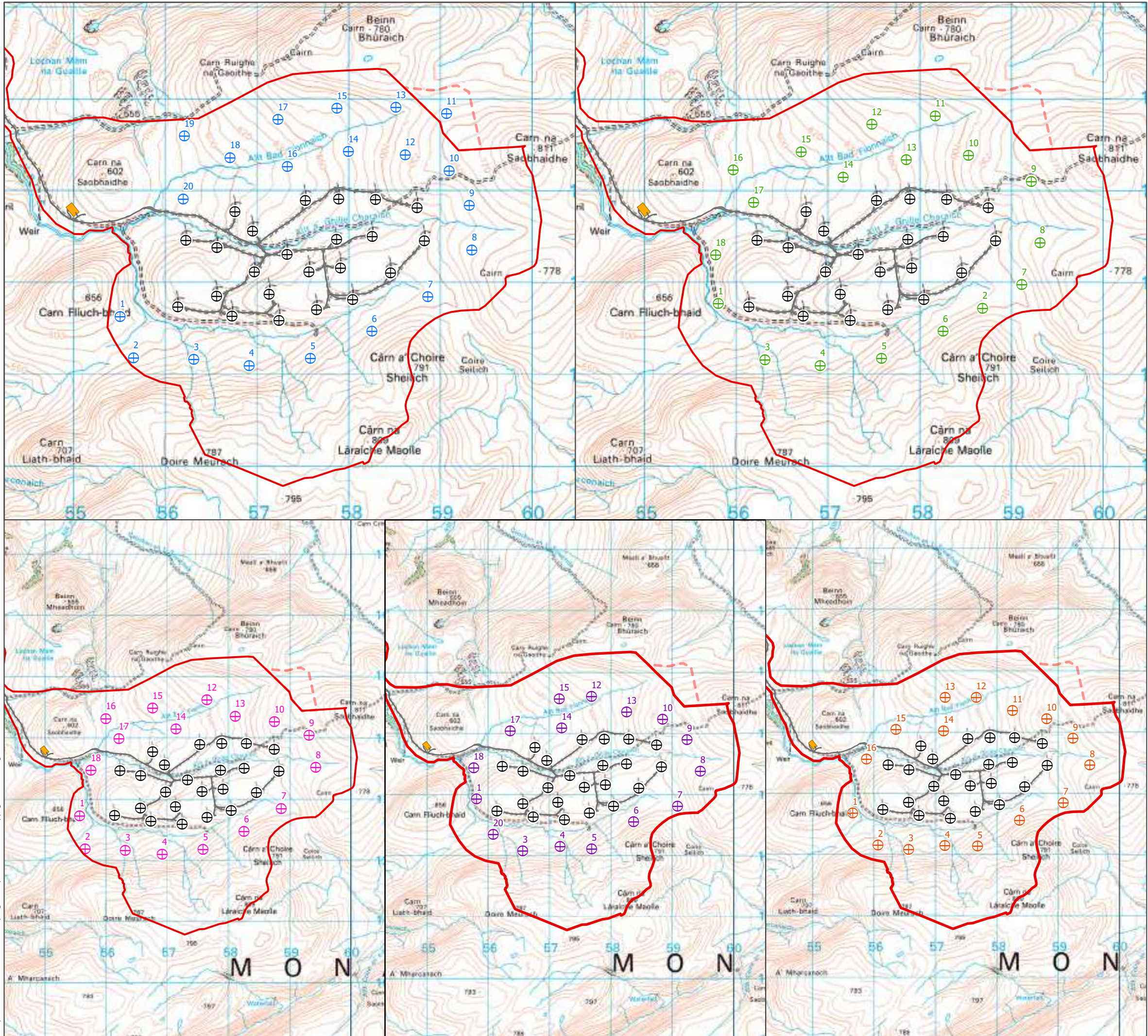


Produced By: EL	Ref: 3369-REP-047
Checked By: HK	Date: 09/09/2020

Site Boundary
Figure 1.2

Corriegarth 2 Wind Farm
EIA Report

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- Site Boundary
- Area within Superseeded Pre-Application Site Boundary
- Operational Access Tracks
- Operational Substation
- Operational Tubrine
- Corriegarth 2 Wind Farm Pre-Application Turbine Layout (20 turbines)
- Scoping Layout (18 turbines)
- THC Consultation Layout (17 turbines)
- Design Day June 2020 Layout (16 turbines)
- Turbine Freeze (16 turbines)

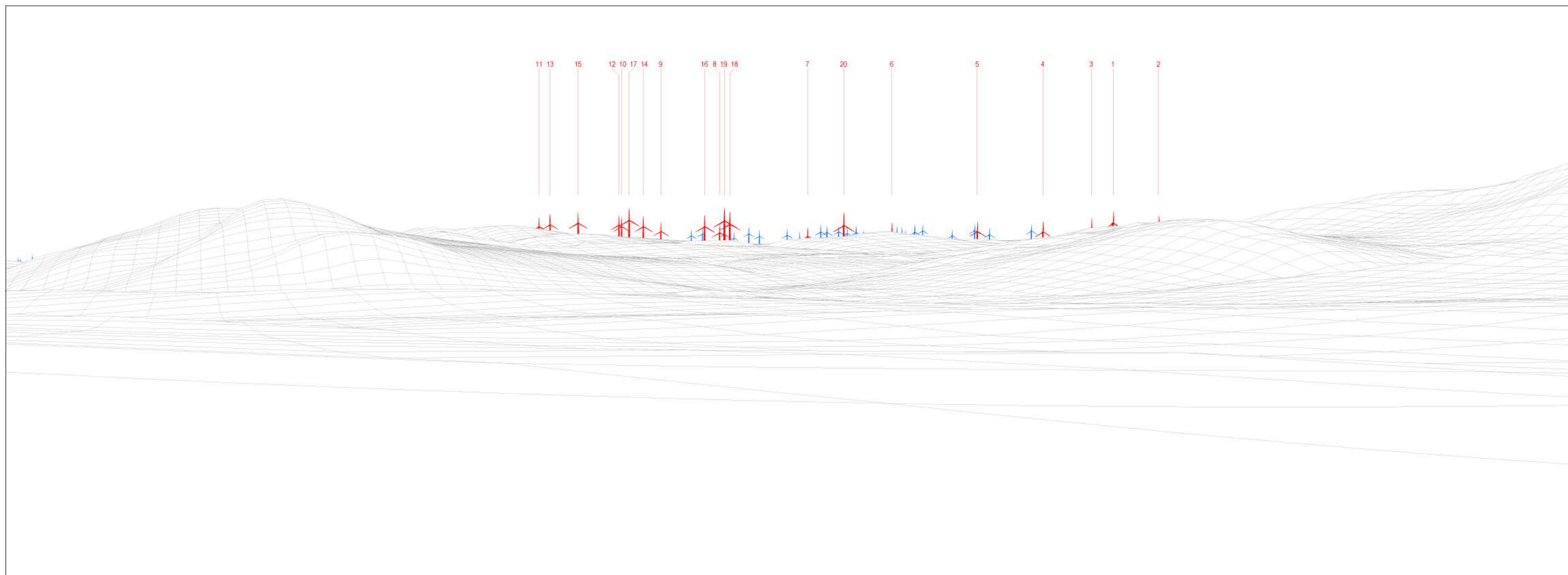
1:40,000 Scale @ A3

0 1 2 km

NORTH

Produced By: EL	Ref: 3369-REP-048
Checked By: HK	Date: 19/10/2020

Site Design Evolution
Figure 3.1



Pre-Application Layout

Wireline: While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

Key Design Considerations

- Preserve mitigation established by current Operational Corriegarth Wind Farm scheme;
- Complement the layout and design of the existing scheme, integrating the Development so that it creates a consistent visual image;
- Design a turbine layout which responds to the underlying landform and is broadly contained by the peripheral topography of the broad natural 'bowl' of the Site;
- Avoid or minimise potential effects on views from settlements, and residential properties within close proximity, most notably those within Stratherrick to the west and north-west of the Site;
- Contain the Development within the *Rolling Uplands – Inverness LCT* the perception of wind farm development extending into the *Farmed Strath - Inverness LCT* and maintain the landscape setting of the existing scheme;
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- Set back from key routes such as the B862 through Stratherrick;
- Minimise views of overlapping turbines and arrange turbines as far as possible to form an evenly spaced group or array when seen from the surrounding landscape.

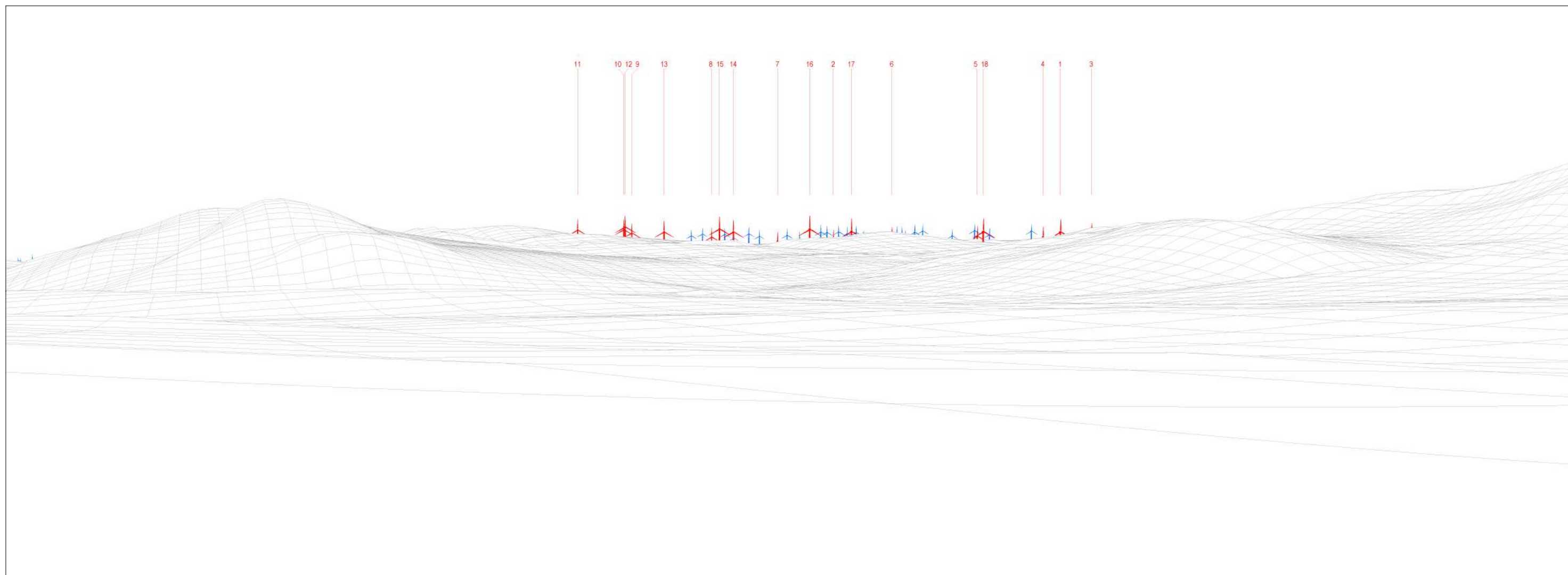
Figure 3.2a

Viewpoint: 3 B862 West of Corriegarth Lodge

OS reference: 249664 E 817270 N AOD: 173 m
 Direction of view: 115° Horizontal field of view: 65.5°

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Scoping Layout

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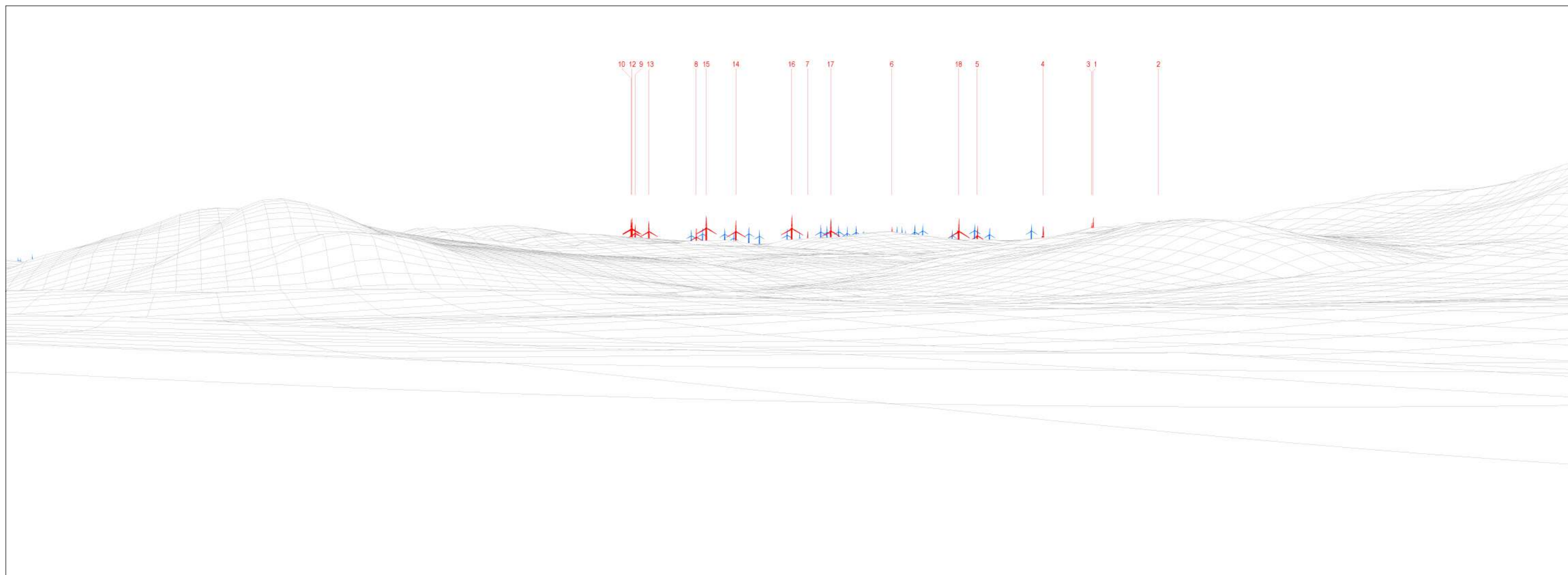
Figure 3.2b

Viewpoint: 3 B862 West of Corriegarth Lodge

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Direction of view: 115° Horizontal field of view: 65.5°

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THC Consultation Layout

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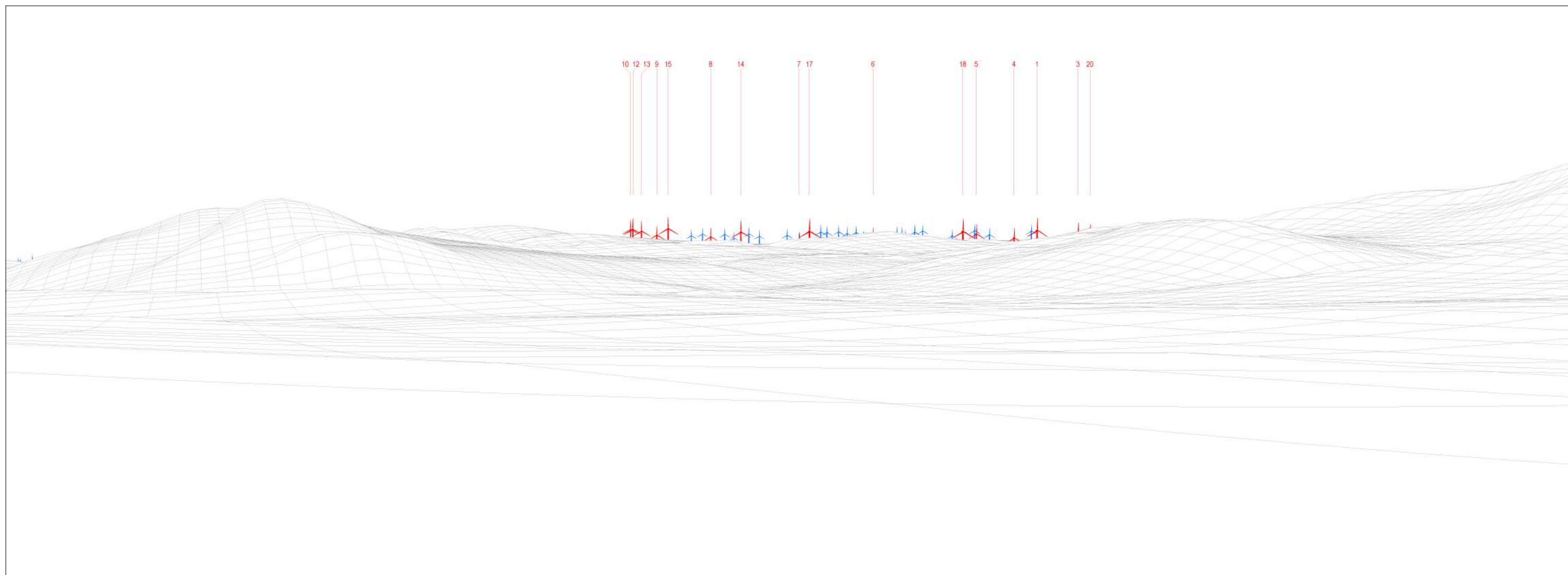
Figure 3.2c

Viewpoint: 3 B862 West of Corriegarth Lodge

OS reference:	249664 E 817270 N	AOD:	173 m
Direction of view:	115°	Horizontal field of view:	65.5°

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Design Day June 2020 Layout

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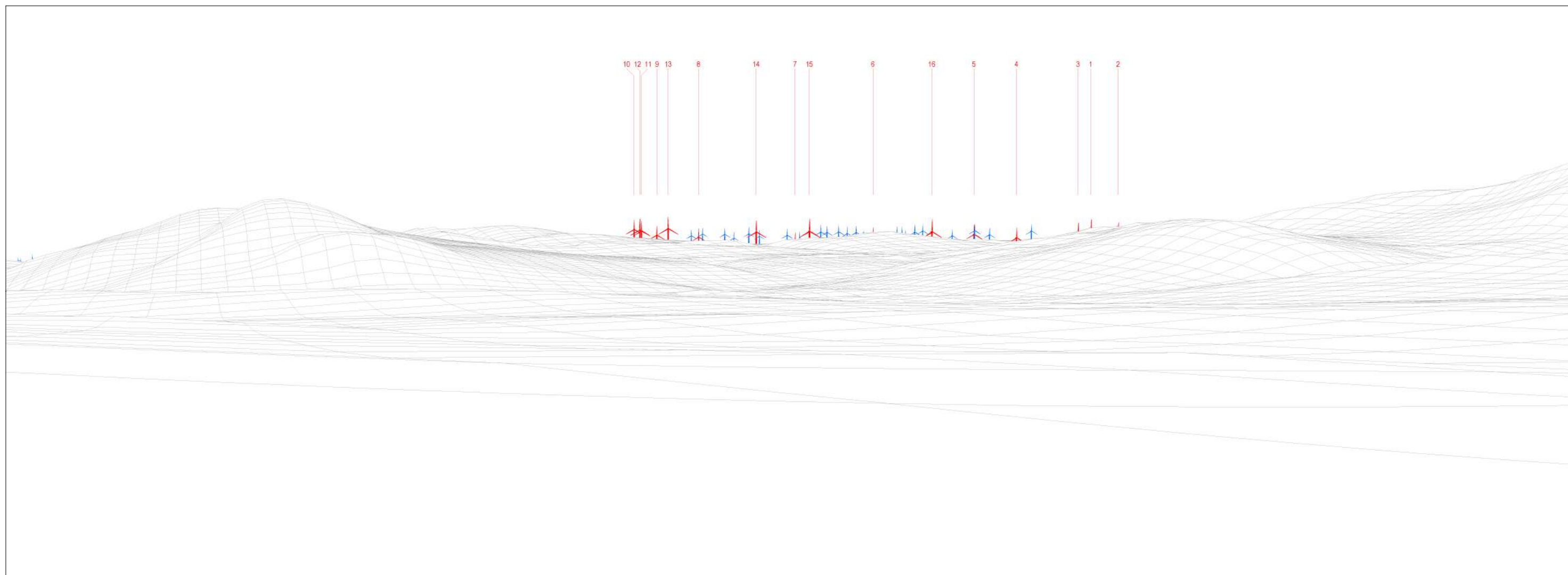
Figure 3.2d

Viewpoint: 3 B862 West of Corriegarth Lodge

OS reference: 249664 E 817270 N AOD: 173 m
Direction of view: 115° Horizontal field of view: 65.5°

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Turbine Freeze

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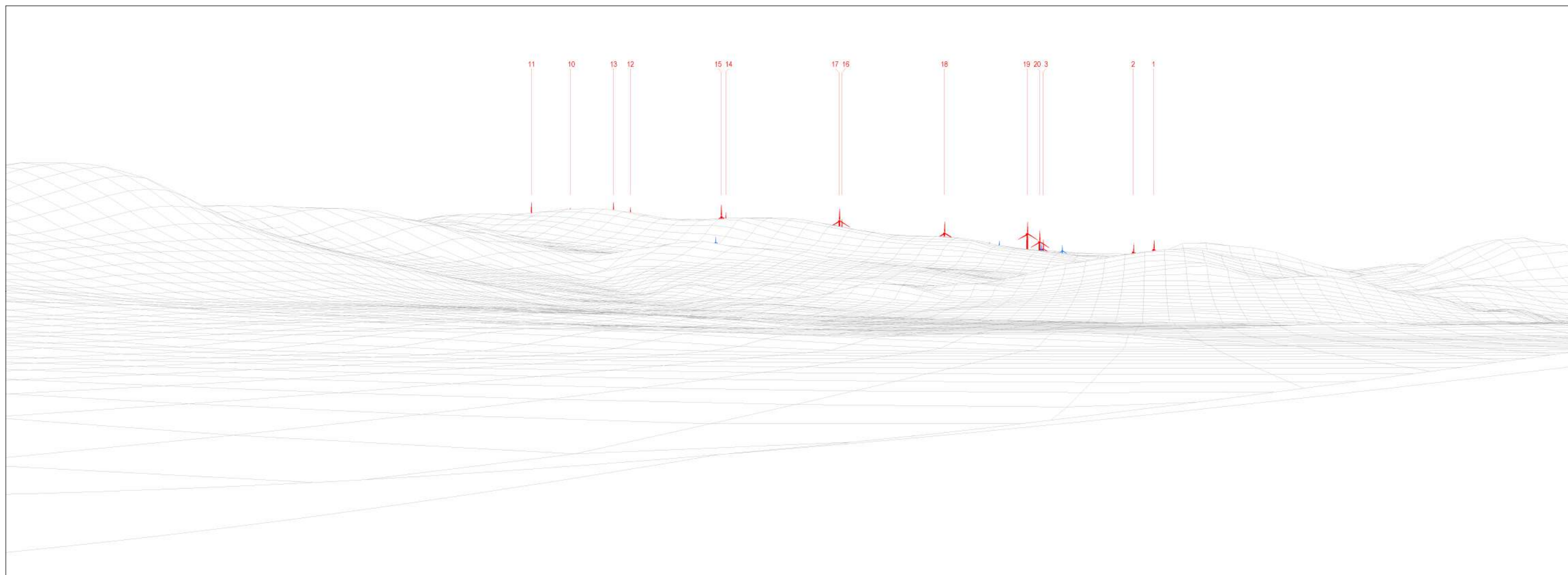
Figure 3.2e

Viewpoint: **3 B862 West of Corriegarth Lodge**

OS reference:	249664 E 817270 N	AOD:	173 m
Direction of view:	115°	Horizontal field of view:	65.5°

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Pre-Application Layout

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Figure 3.3a

Viewpoint: 5 Errogie

OS reference: 255535 E 822146 N

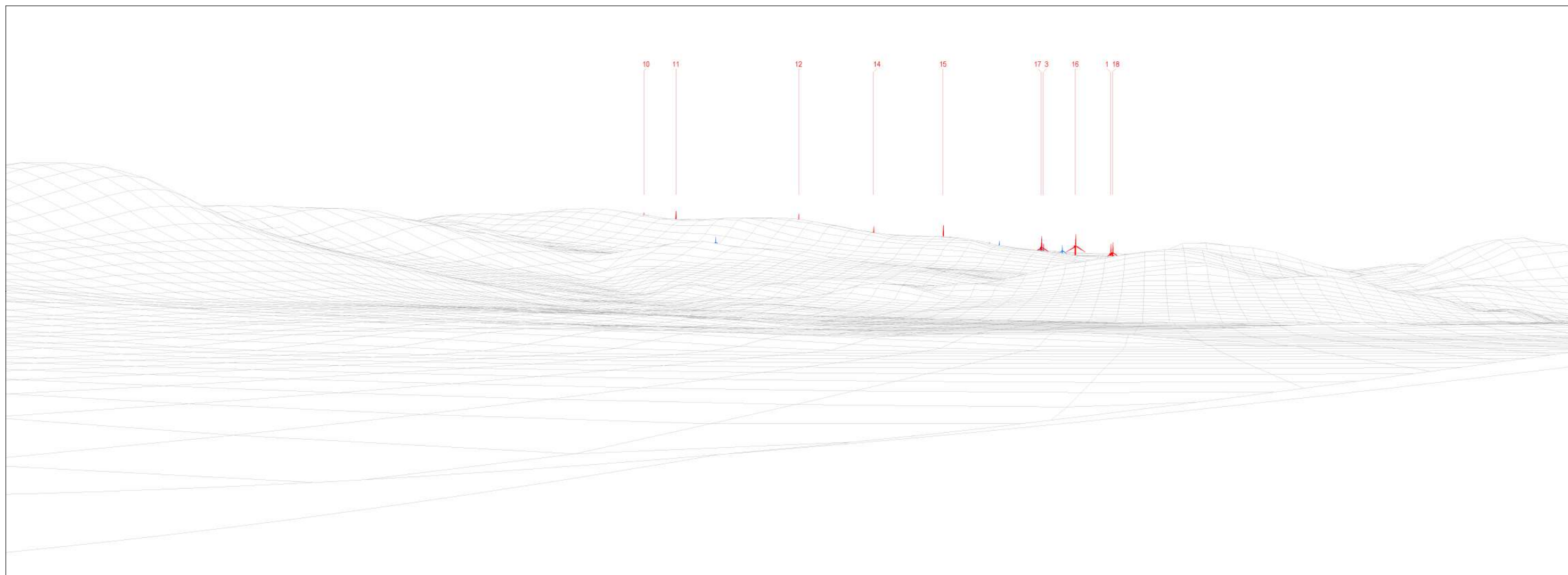
Direction of view: 165°

AOD: 207 m

Horizontal field of view: 65.5°

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Scoping Layout

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Figure 3.3b

Viewpoint: 5 Errogie

OS reference: 255535 E 822146 N

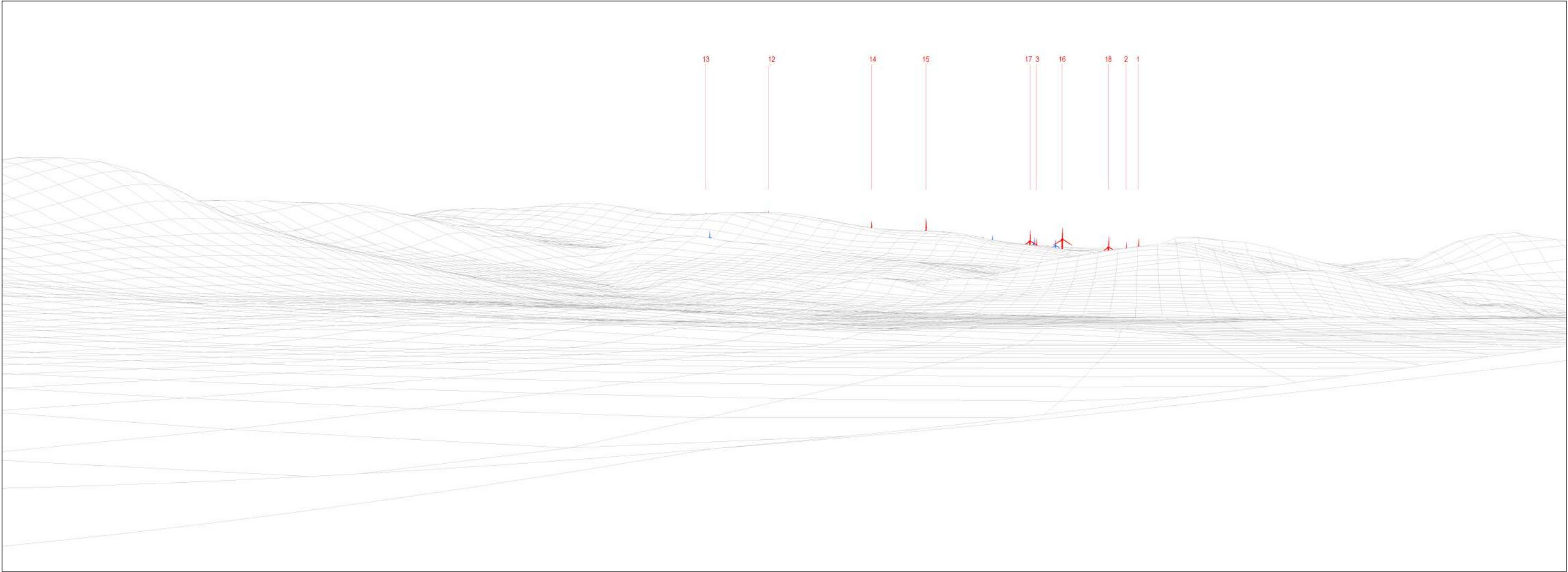
Direction of view: 165°

AOD: 207 m

Horizontal field of view: 65.5°

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THC Consultation Layout

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Figure 3.3c

Viewpoint: 5 Errogie

OS reference: 255535 E 822146 N

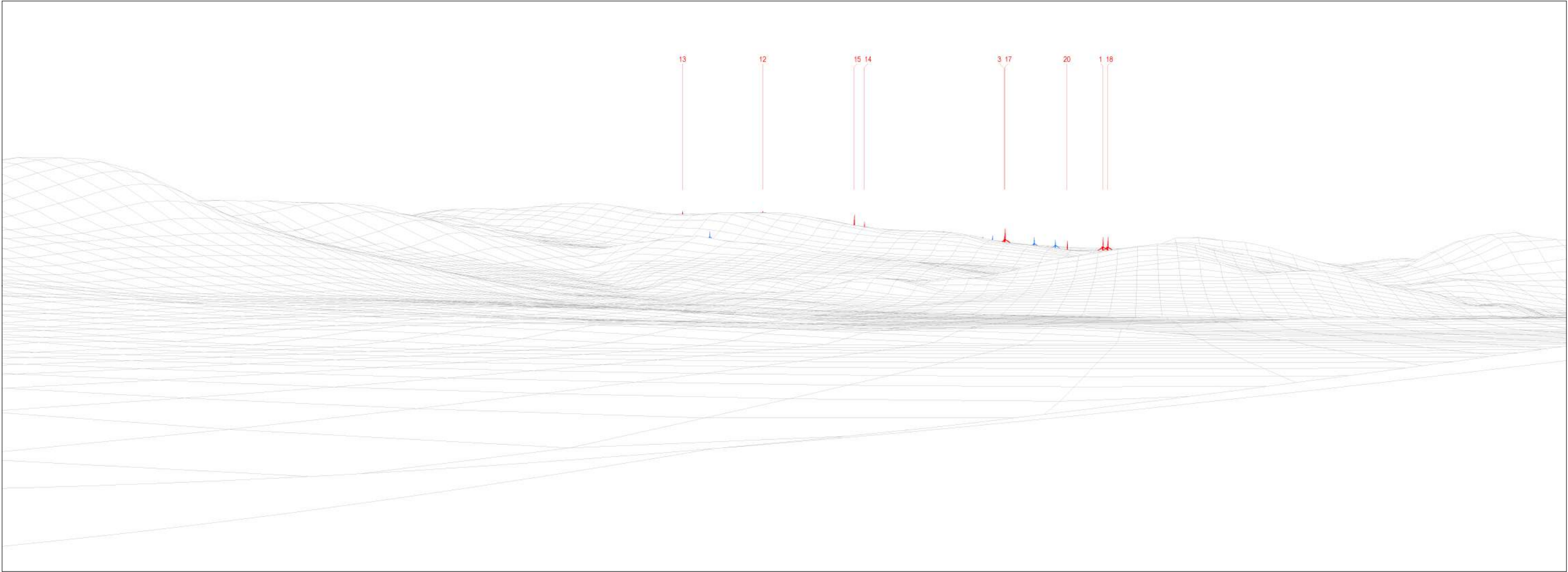
Direction of view: 165°

AOD: 207 m

Horizontal field of view: 65.5°

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Design Day June 2020 Layout

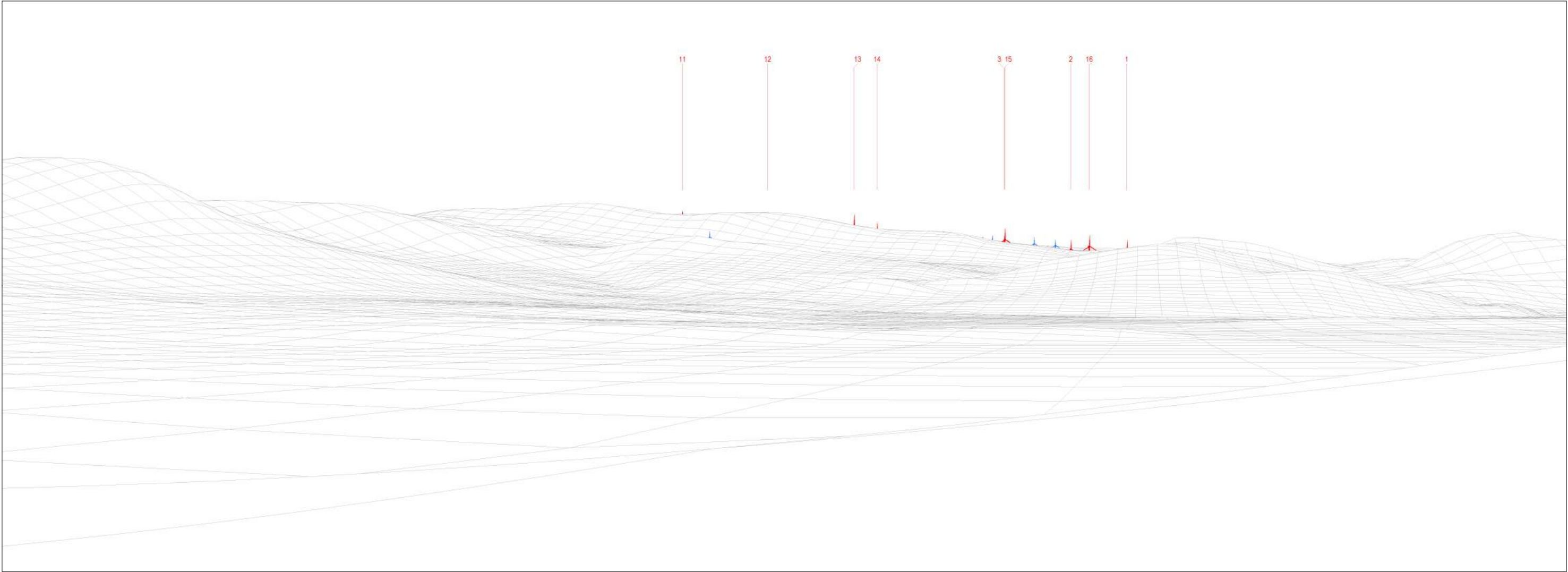
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Figure 3.3d

Viewpoint: 5 Errogie
OS reference: 255535 E 822146 N
Direction of view: 165°
AOD: 207 m
Horizontal field of view: 65.5°



Turbine Freeze

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Figure 3.3e

Viewpoint: 5 Erroglie

OS reference: 255535 E 822146 N

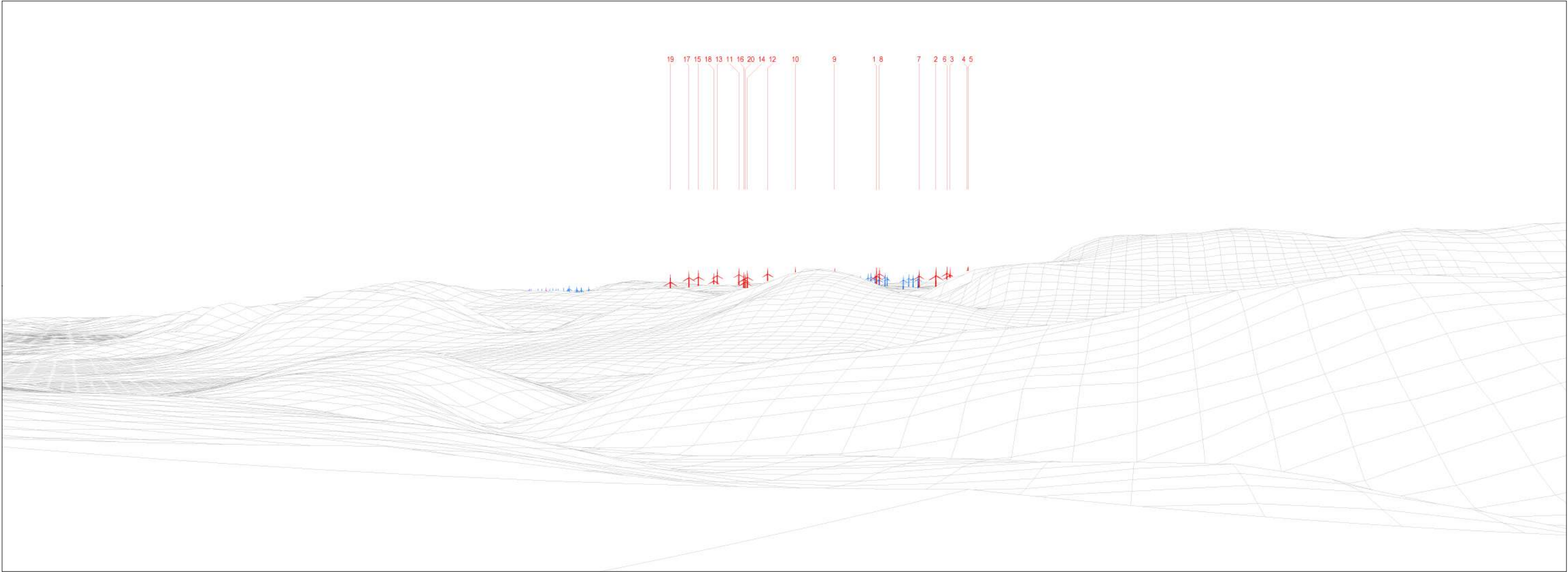
Direction of view: 165°

AOD: 207 m

Horizontal field of view: 65.5°

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Pre-Application Layout

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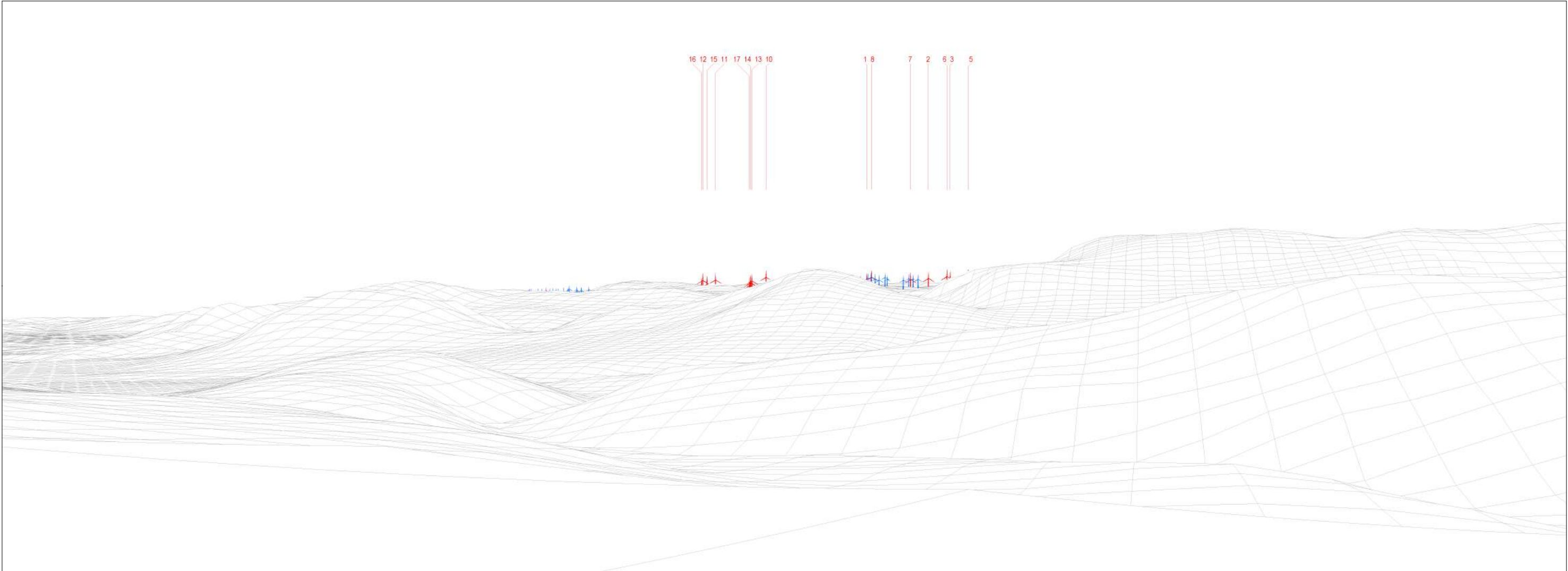
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- Ensure the Development does not disproportionately increase the horizontal and vertical extents of the Operational Corriegarth Wind Farm;
- Avoid coalescence with current positioning of nearby wind farm schemes, respect spacing and scale of existing development pattern;
- Minimise views of overlapping turbines and arrange turbines as far as possible to form an evenly spaced group or array when seen from the surrounding landscape.

Figure 3.4a

Viewpoint: 7 General Wade's Military Road

OS reference: 244961 E 810545 N AOD: 393 m

Direction of view: 75° Horizontal field of view: 65.5°



Scoping Layout

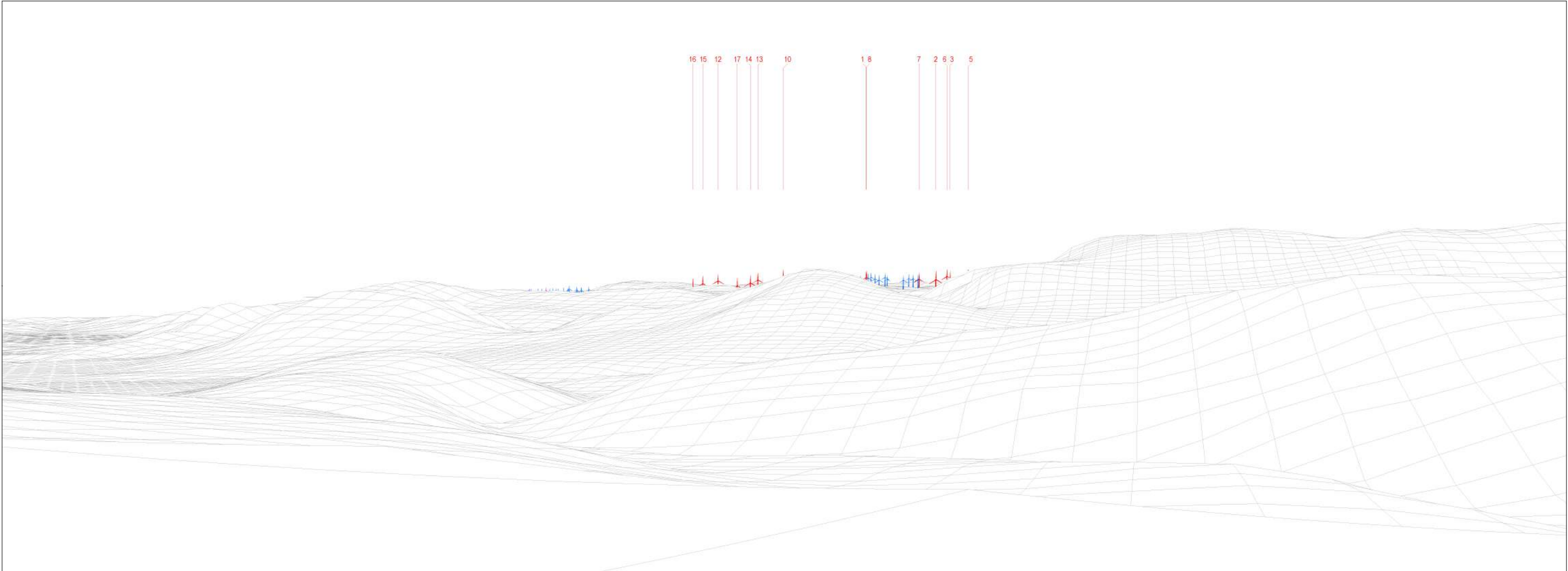
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Figure 3.4b

Viewpoint: 7 General Wade's Military Road
OS reference: 244961 E 810545 N AOD: 393 m
Direction of view: 75° Horizontal field of view: 65.5°



THC Consultation Layout

Wireline: While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

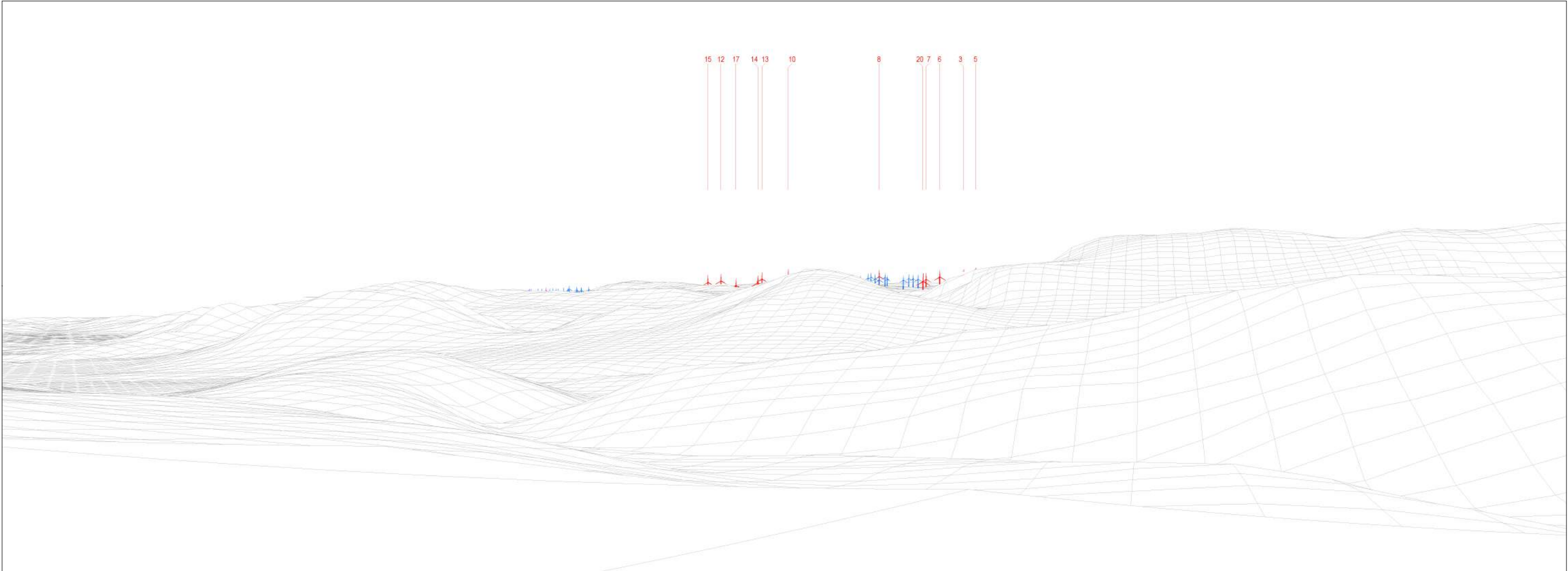
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OS reference: 244961 E 810545 N AOD: 393 m
Direction of view: 75° Horizontal field of view: 65.5°



Design Day June 2020 Layout

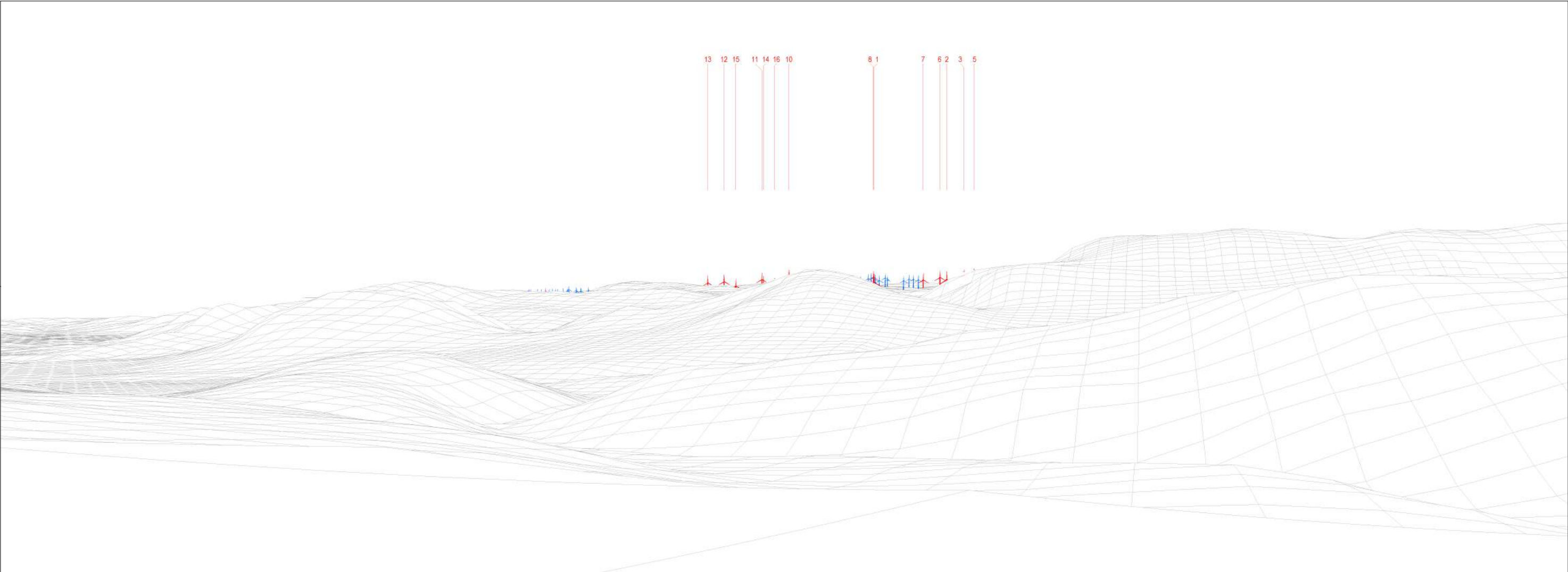
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Figure 3.4d
Viewpoint: 7 General Wade’s Military Road

OS reference:	244961 E 810545 N	AOD:	393 m
Direction of view:	75°	Horizontal field of view:	65.5°



Turbine Freeze

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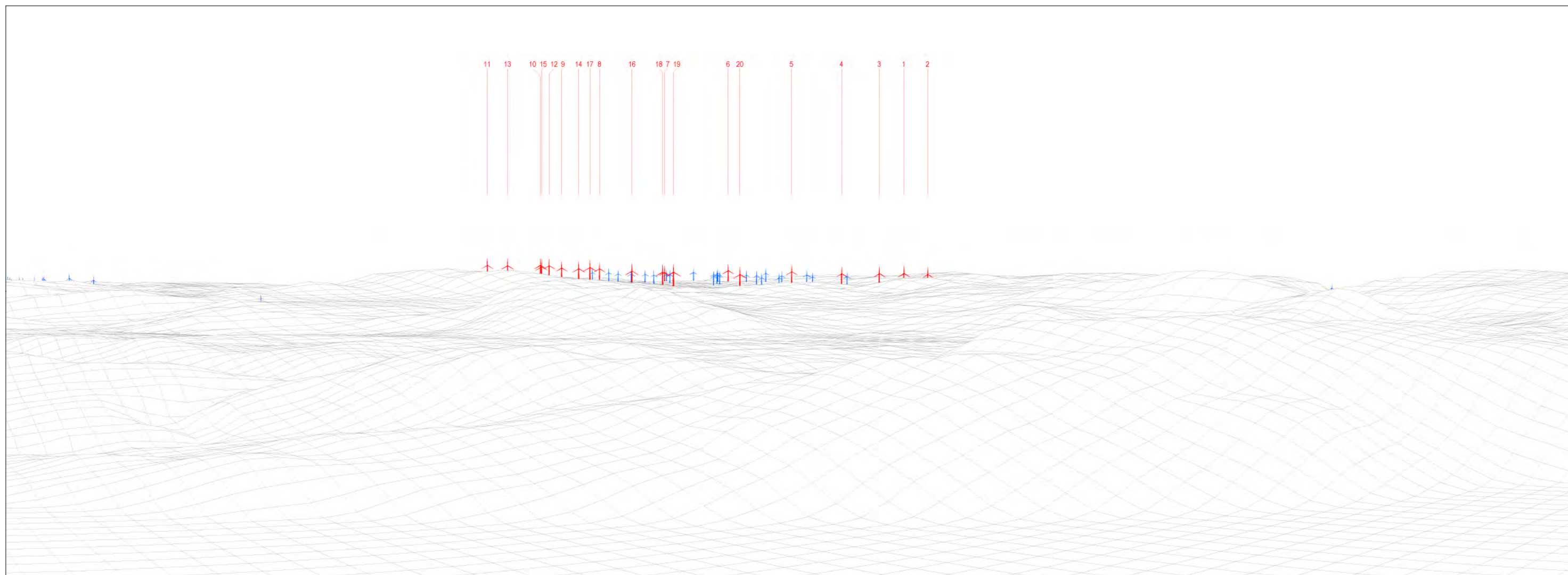
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Direction of view: 75° Horizontal field of view: 65.5°



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- Contain the Development within the *Rolling Uplands – Inverness LCT* the perception of wind farm development extending into the *Farmed Strath - Inverness LCT* and maintain the landscape setting of the existing scheme;
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- Minimise additional visibility and potential effects on the locally designated Loch Ness and Duntelchaig Special Landscape Area (SLA), and preserve the setting of Loch Ness and the Great Glen;
- Minimise additional effects by avoiding the highest ground and sensitive skylines formed by the surrounding hills and ridges which contain the interior of the Site;
- Minimise views of overlapping turbines and arrange turbines as far as possible to form an evenly spaced group or array when seen from the surrounding landscape.

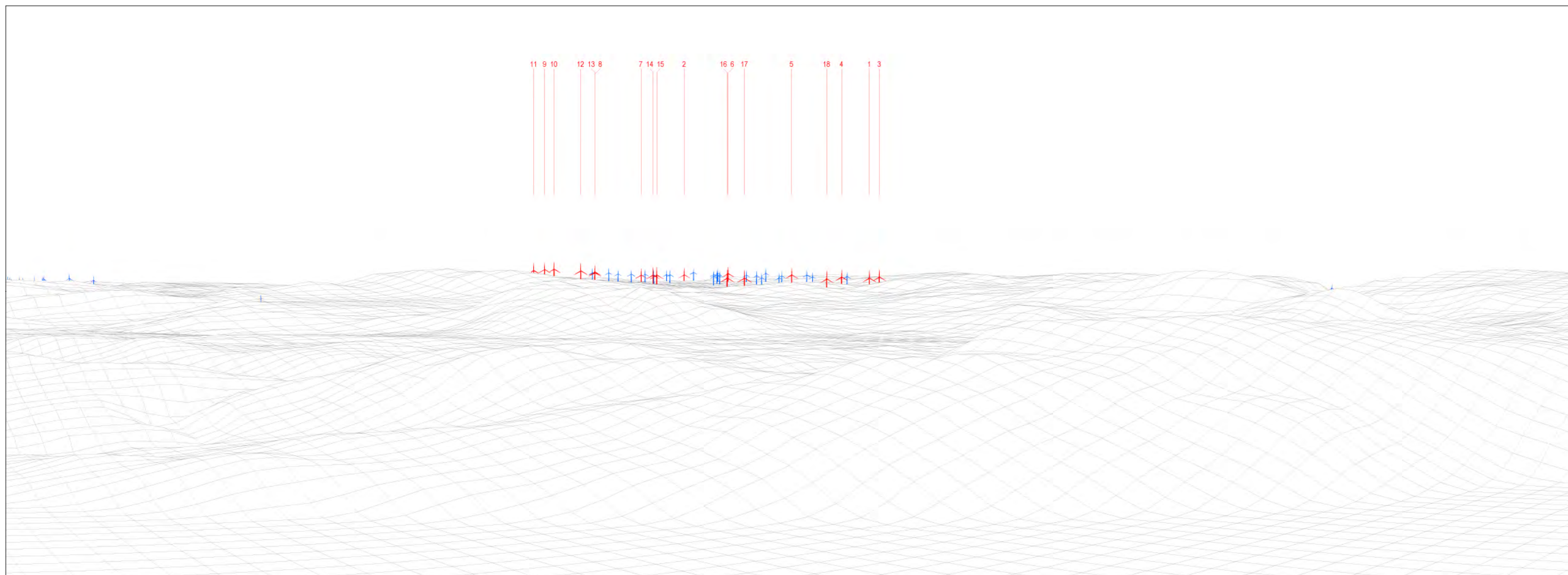
Figure 3.5a

Viewpoint: 8 Great Glen Way, East of Creag Dhearg

OS reference:	246953 E 821103 N	AOD:	280 m
Direction of view:	130°	Horizontal field of view:	65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





Scoping Layout

Wireline: While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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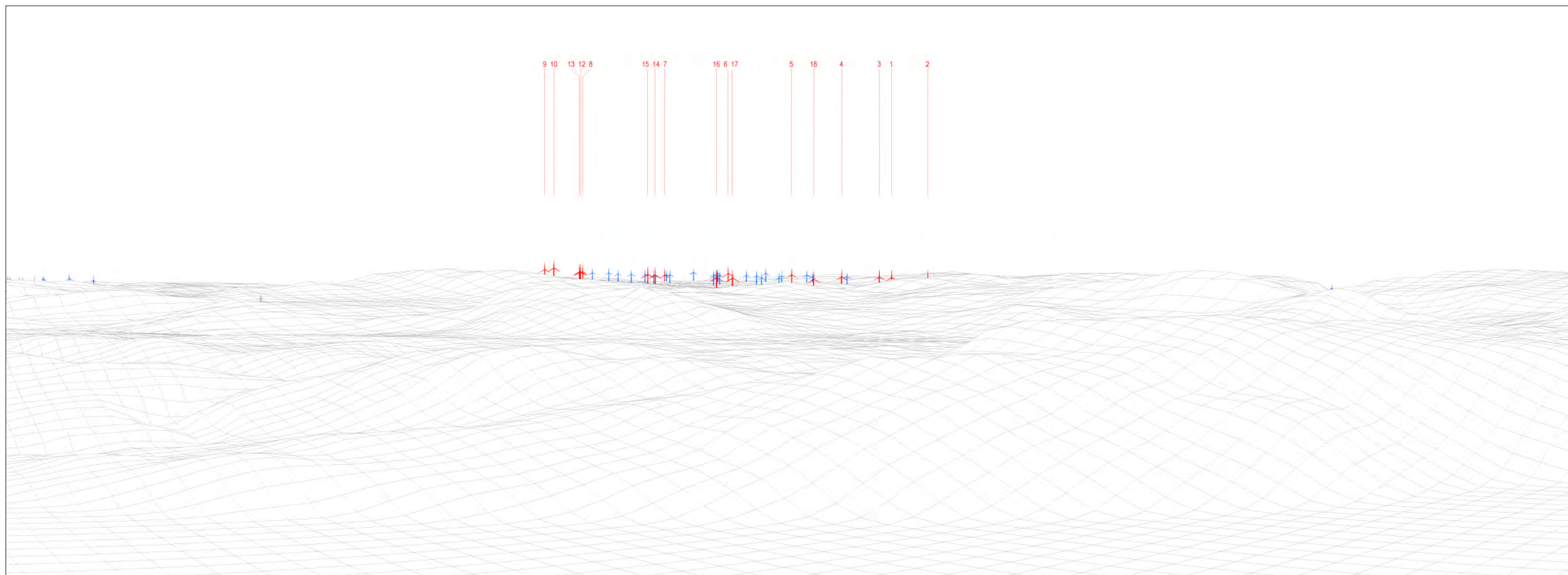
Figure 3.5b

Viewpoint: 8 Great Glen Way, East of Creag Dhearg

OS reference: 246953 E 821103 N AOD: 280 m
Direction of view: 130° Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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THC Consultation Layout

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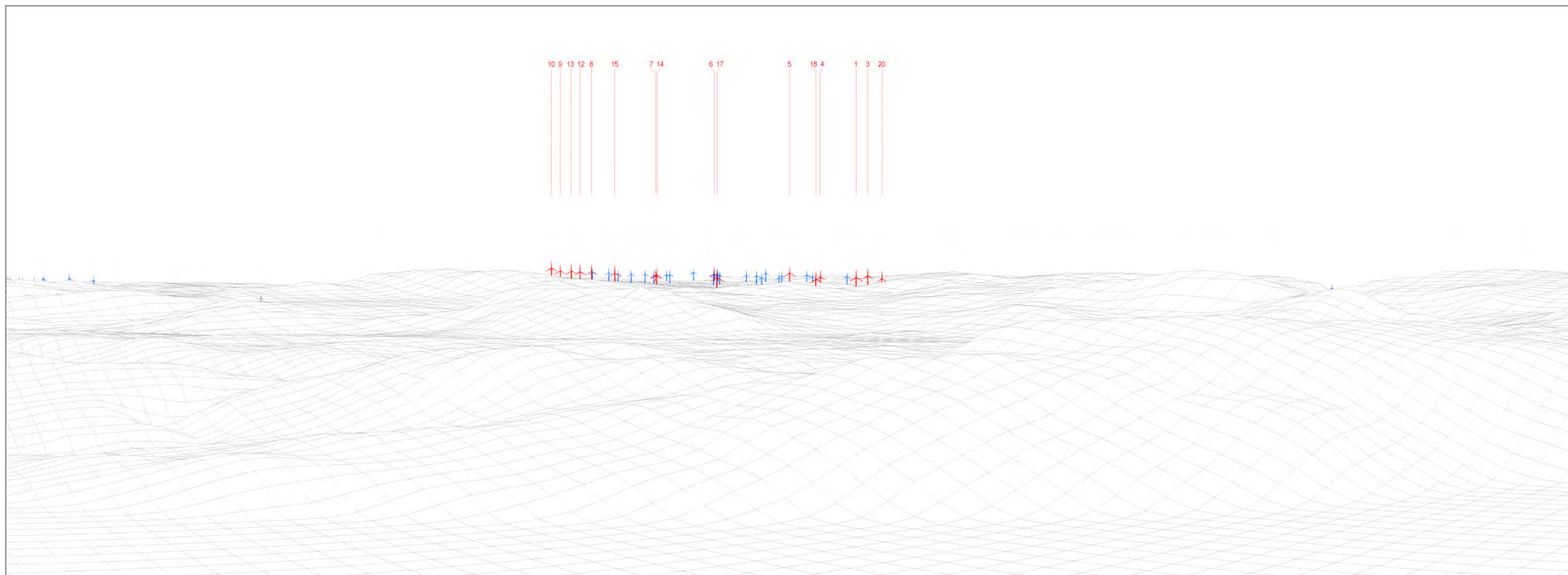
Figure 3.5c

Viewpoint: 8 Great Glen Way, East of Creag Dhearg

OS reference:	246953 E 821103 N	AOD:	280 m
Direction of view:	130°	Horizontal field of view:	65.5°

Corriegarth 2 Wind Farm EIA Report
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Design Day June 2020 Layout

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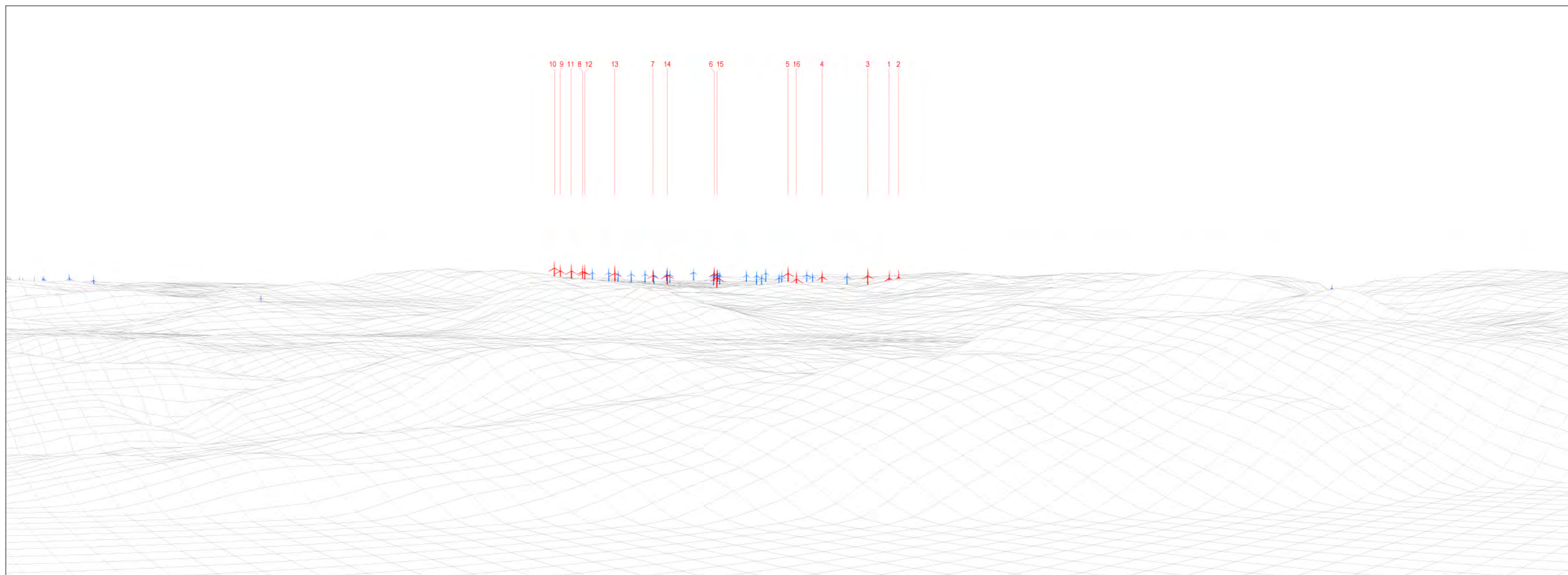
Figure 3.5d

Viewpoint: 8 Great Glen Way, East of Creag Dhearg

OS reference: 246953 E 821103 N AOD: 280 m
Direction of view: 130° Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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Turbine Freeze

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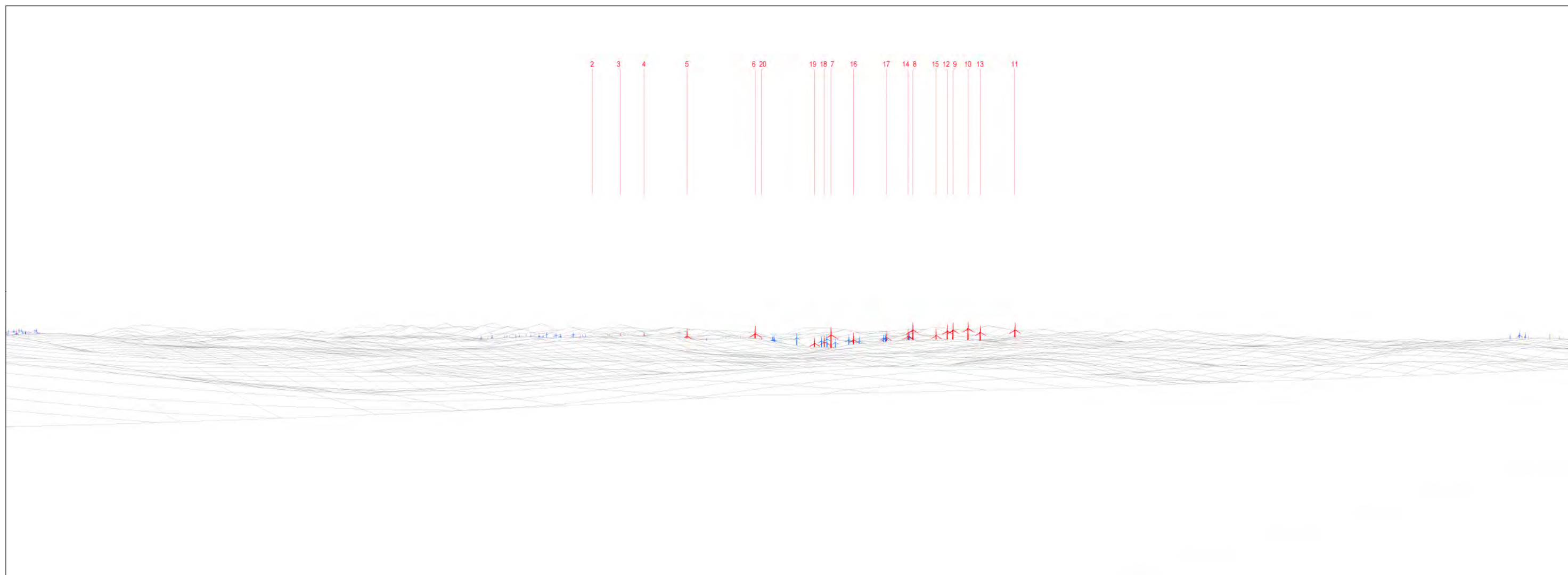
Figure 3.5e

Viewpoint: 8 Great Glen Way, East of Creag Dhearg

OS reference: 246953 E 821103 N AOD: 280 m
 Direction of view: 130° Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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Pre-Application Layout

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Figure 3.6a

Viewpoint: 9 Carn Sgulain

OS reference: 268305 E 805814 N

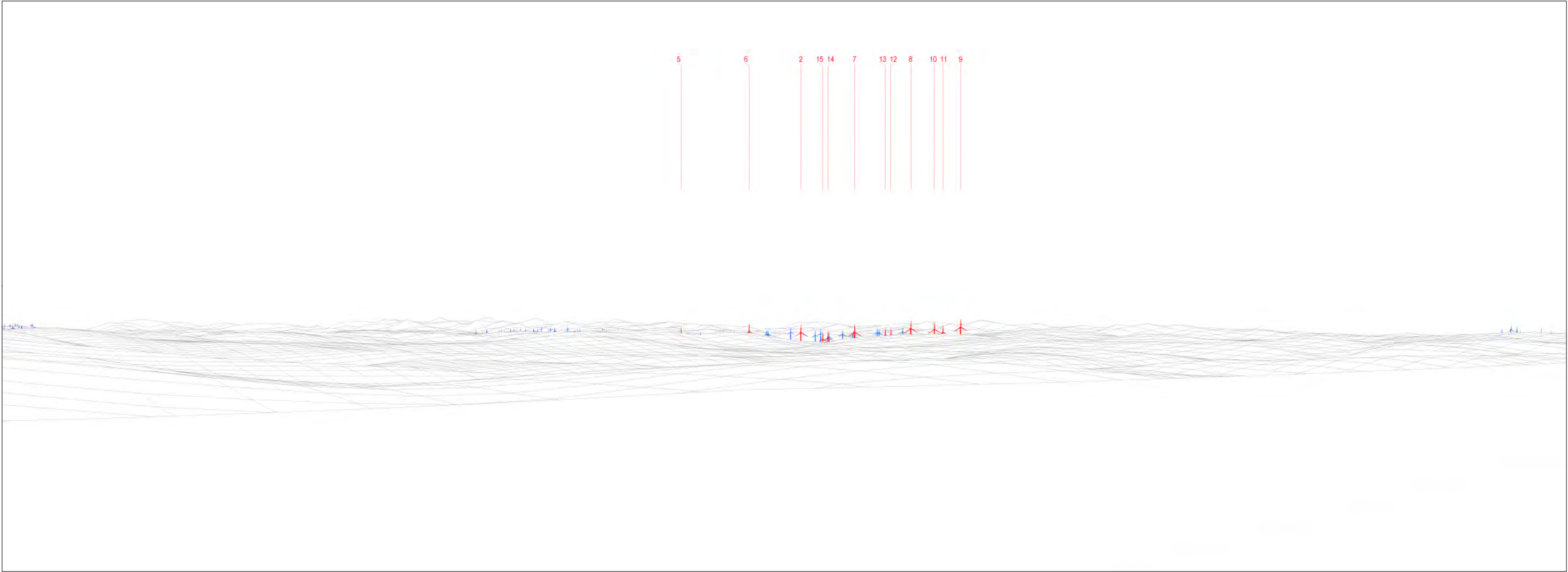
Direction of view: 305°

AOD: 920 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





Scoping Layout

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Figure 3.6b

Viewpoint: 9 Carn Sgulain

OS reference: 268305 E 805814 N

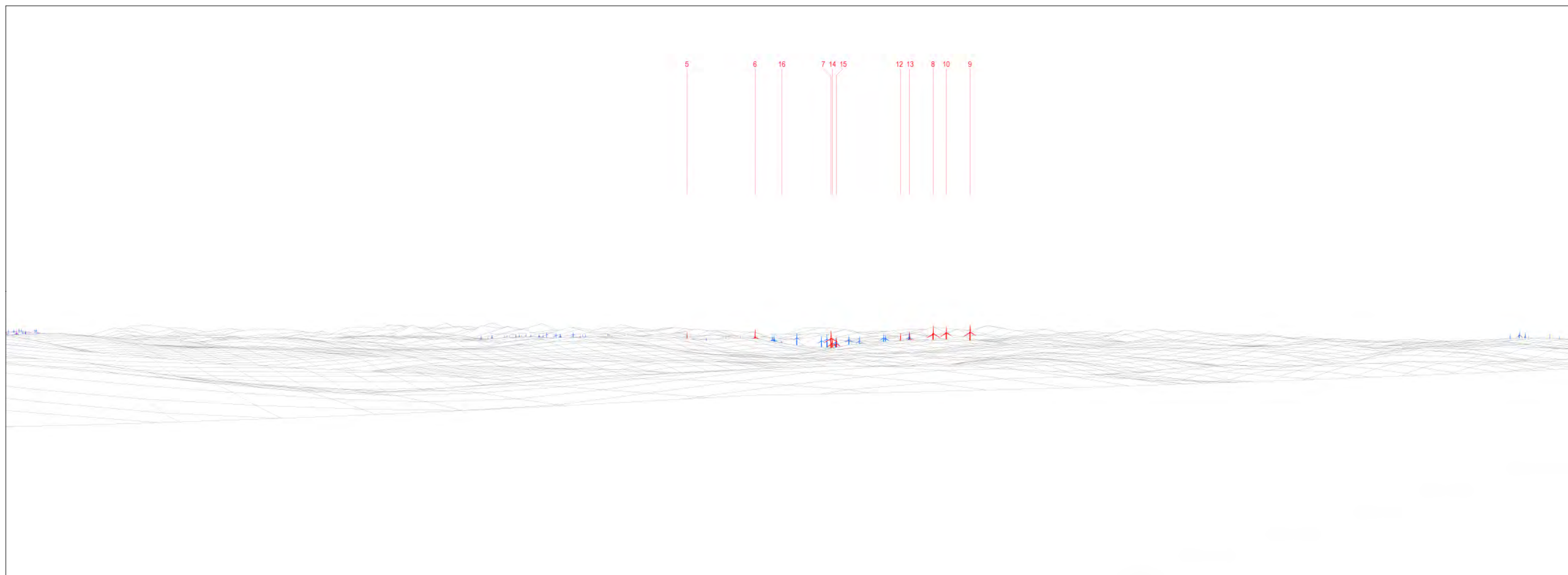
Direction of view: 305°

AOD: 920 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





THC Consultation Layout

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Figure 3.6c

Viewpoint: 9 Carn Sgulain

OS reference: 268305 E 805814 N

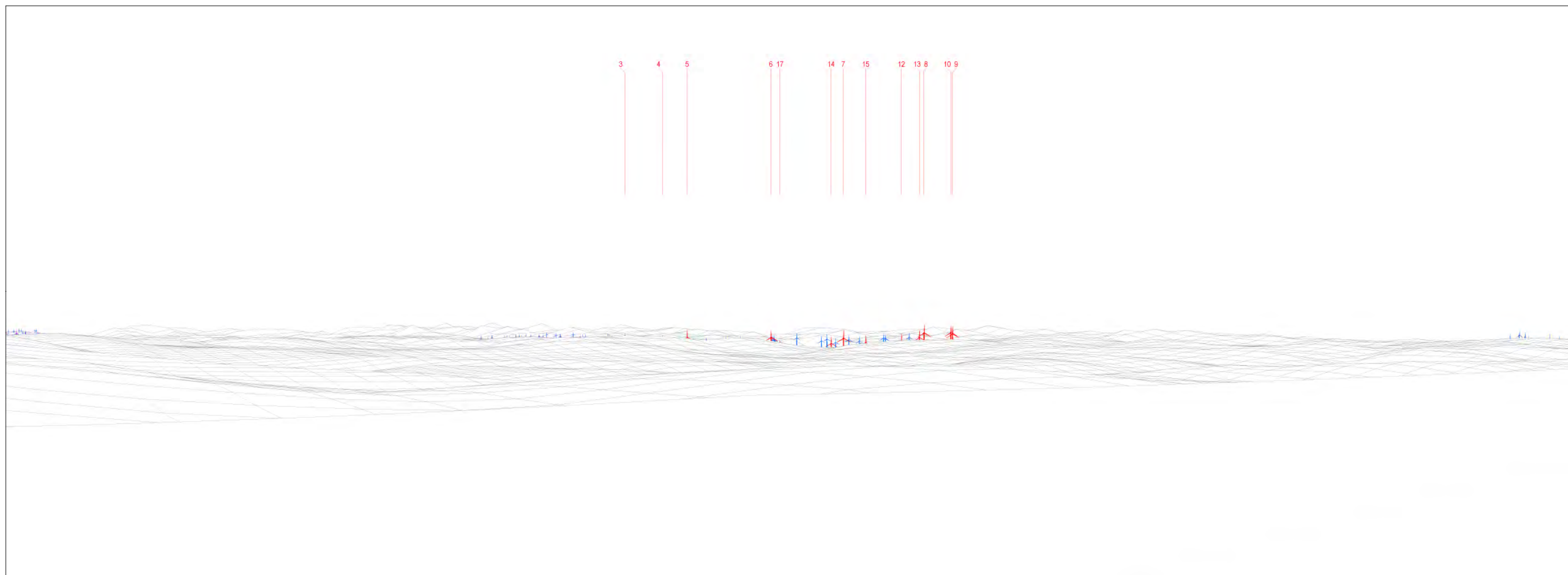
Direction of view: 305°

AOD: 920 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





Design Day June 2020 Layout

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Figure 3.6d

Viewpoint: 9 Carn Sgulain

OS reference: 268305 E 805814 N

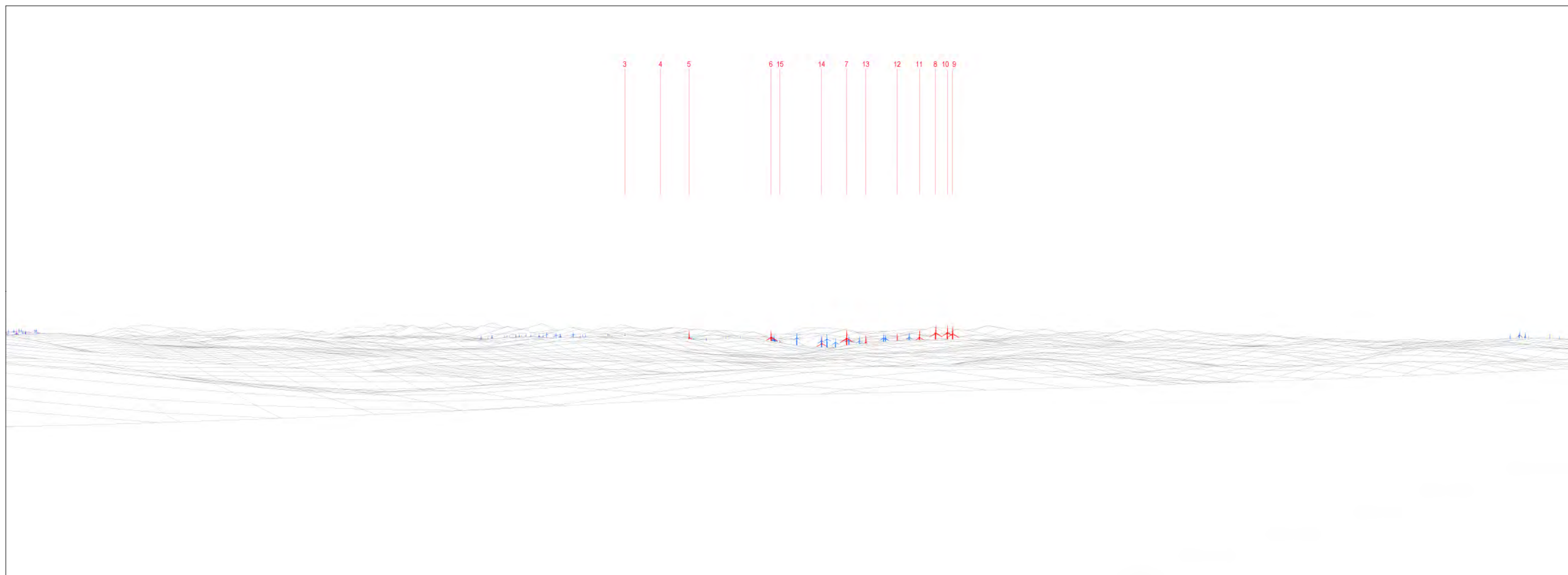
Direction of view: 305°

AOD: 920 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





Turbine Freeze

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Figure 3.6e

Viewpoint: 9 Carn Sgulain

OS reference: 268305 E 805814 N

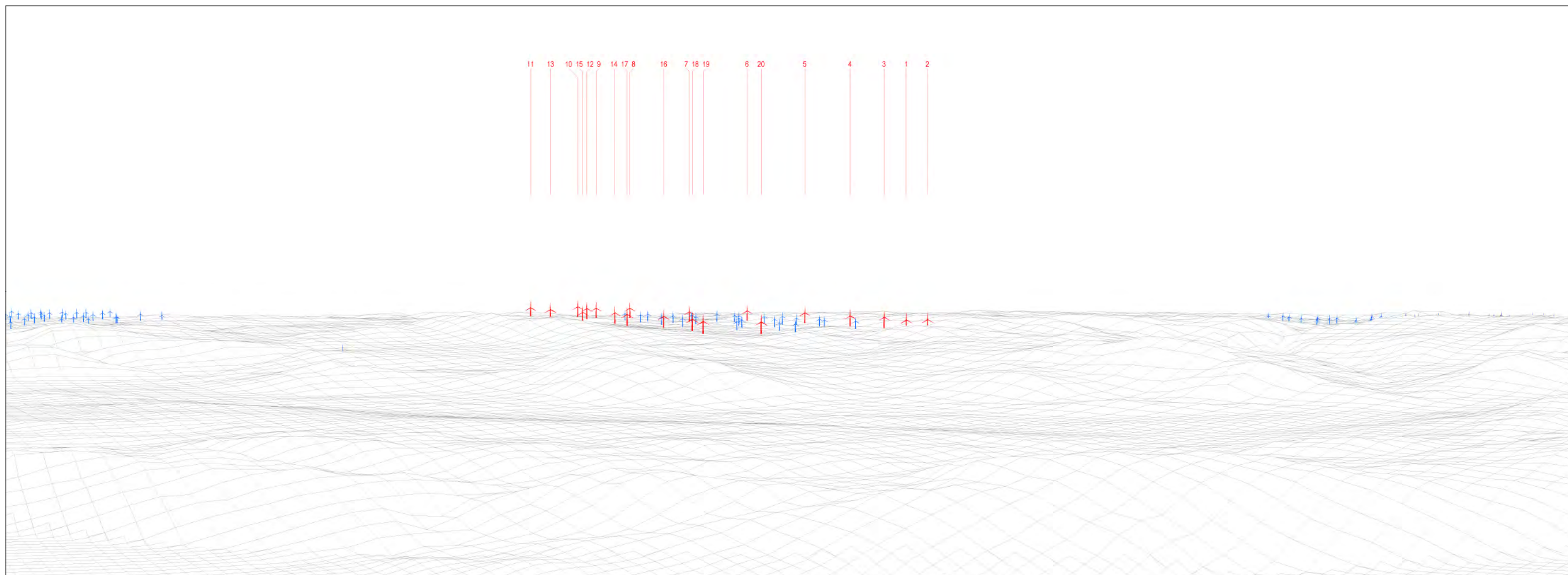
Direction of view: 305°

AOD: 920 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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Figure 3.7a

Viewpoint: 11 Meall Fuar-mhonaidh

OS reference: 245892 E 822187 N

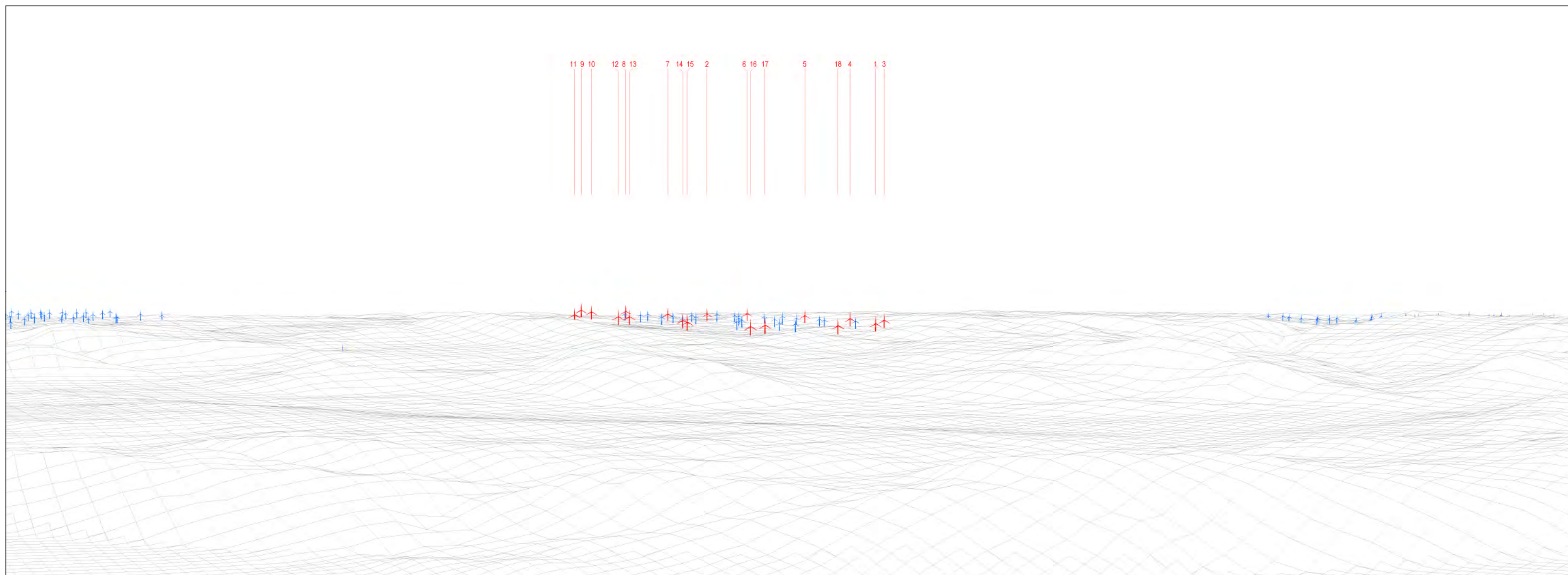
Direction of view: 130°

AOD: 690 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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Figure 3.7b

Viewpoint: 11 Meall Fuar-mhonaidh

OS reference: 245892 E 822187 N

Direction of view: 130°

AOD:

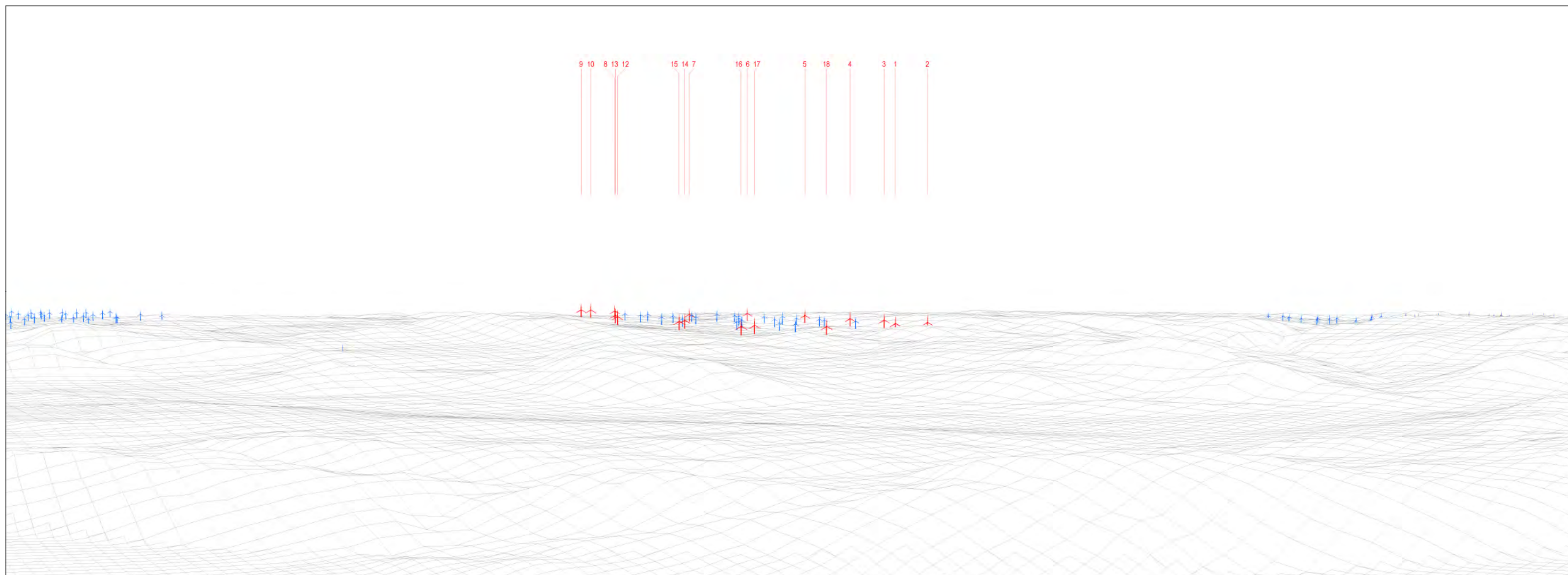
690 m

Horizontal field of view:

65.5°

Corriegarth 2 Wind Farm EIA Report
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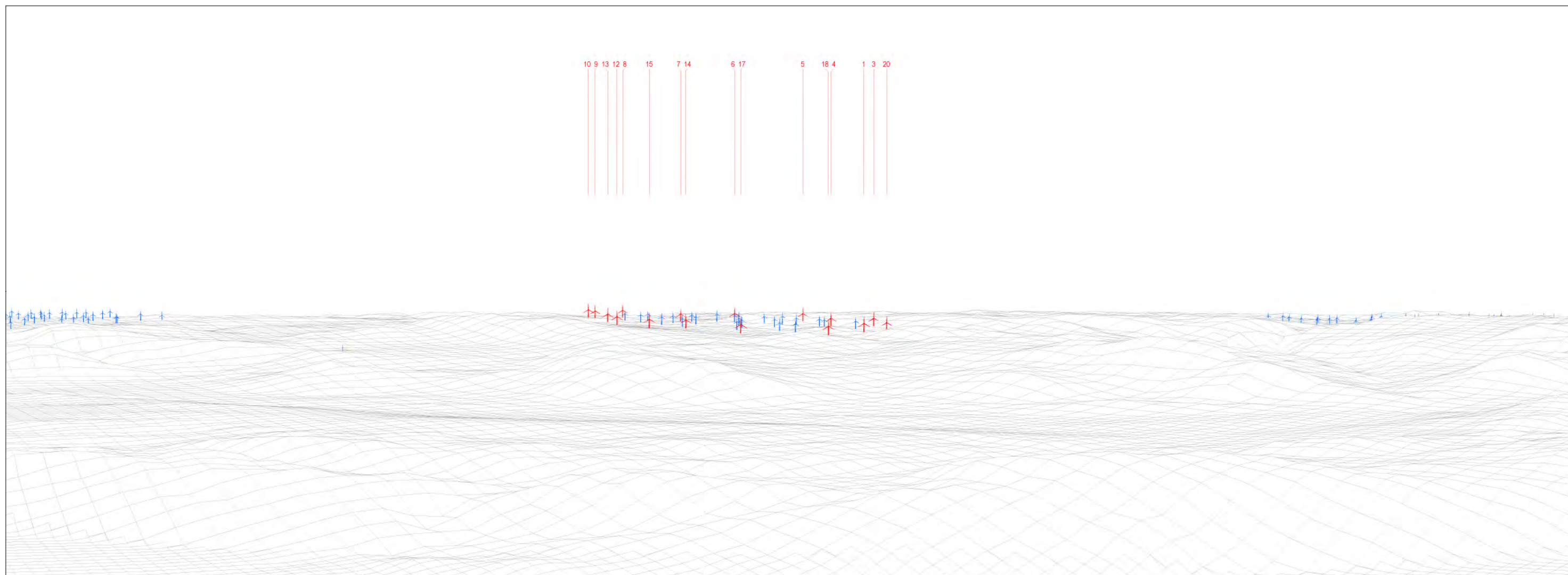
Direction of view: 130°

AOD: 690 m

Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
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Design Day June 2020 Layout

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Figure 3.7d

Viewpoint: 11 Meall Fuar-mhonaidh

OS reference: 245892 E 822187 N

Direction of view: 130°

AOD:

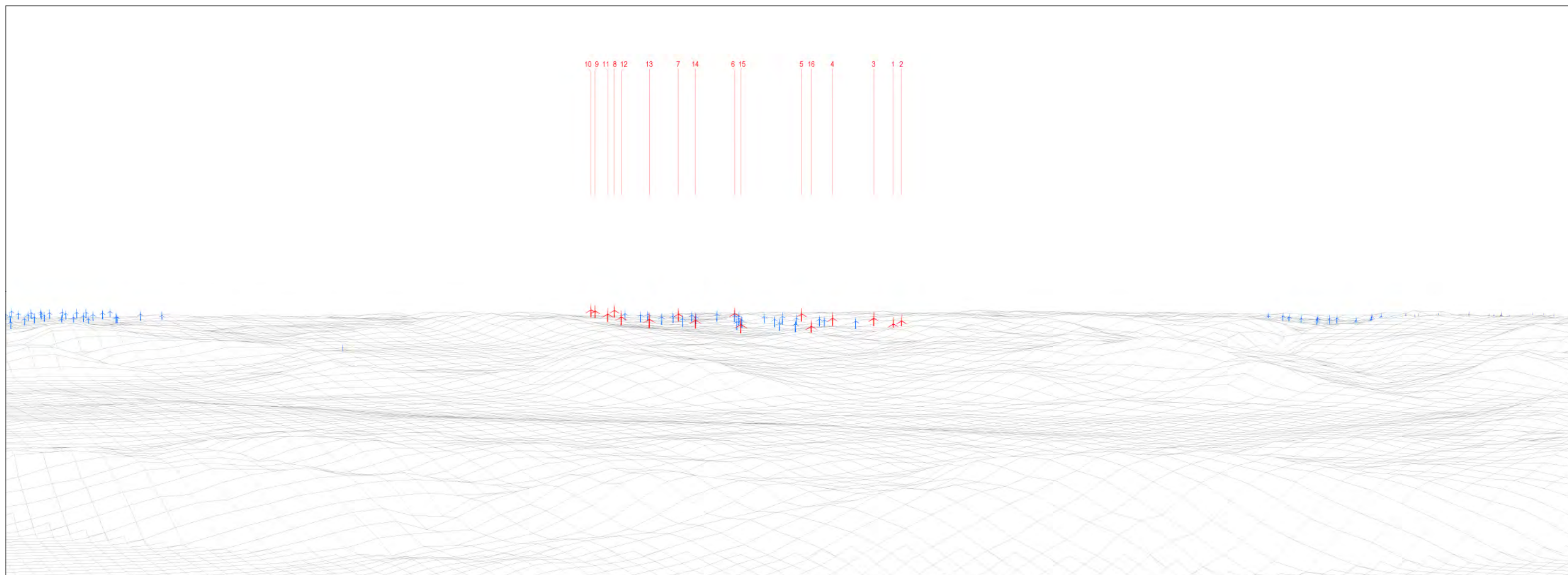
690 m

Horizontal field of view:

65.5°

Corriegarth 2 Wind Farm EIA Report
for BayWa r.e. UK Limited





Turbine Freeze

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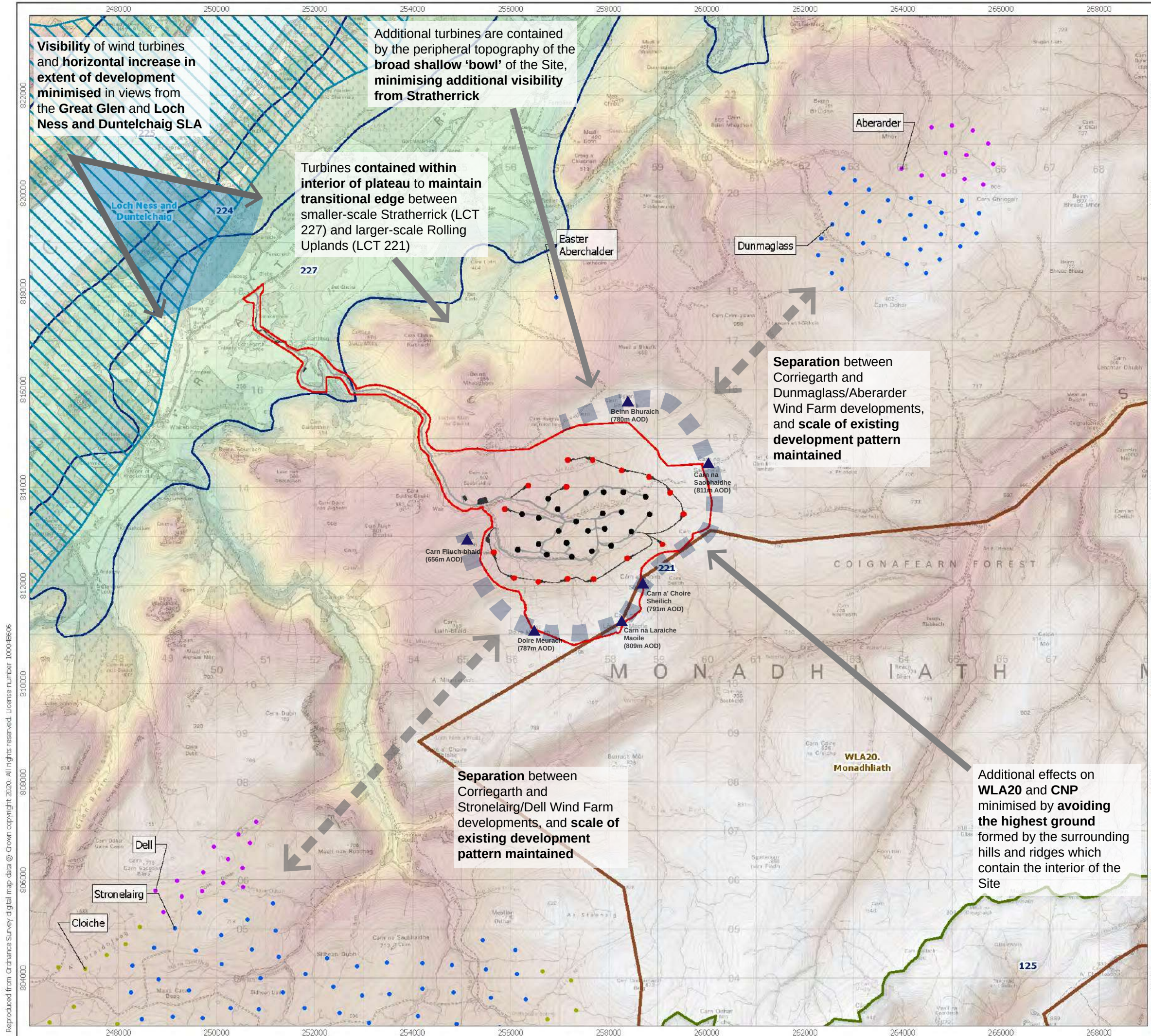
Figure 3.7e

Viewpoint: 11 Meall Fuar-mhonaidh

OS reference: 245892 E 822187 N AOD: 690 m
 Direction of view: 130° Horizontal field of view: 65.5°

Corriegarth 2 Wind Farm EIA Report
 for BayWa r.e. UK Limited





- Development boundary
- Corriegarth 2 turbine location
- Existing Corriegarth turbine location
- Existing Infrastructure
- Proposed Infrastructure
- Wind farms (by status)**
 - Operational
 - Consented
 - Application Submitted
- Cairngorms National Park
- Wild Land
- Special Landscape Area
- Landscape Character Types (SNH, 2019)

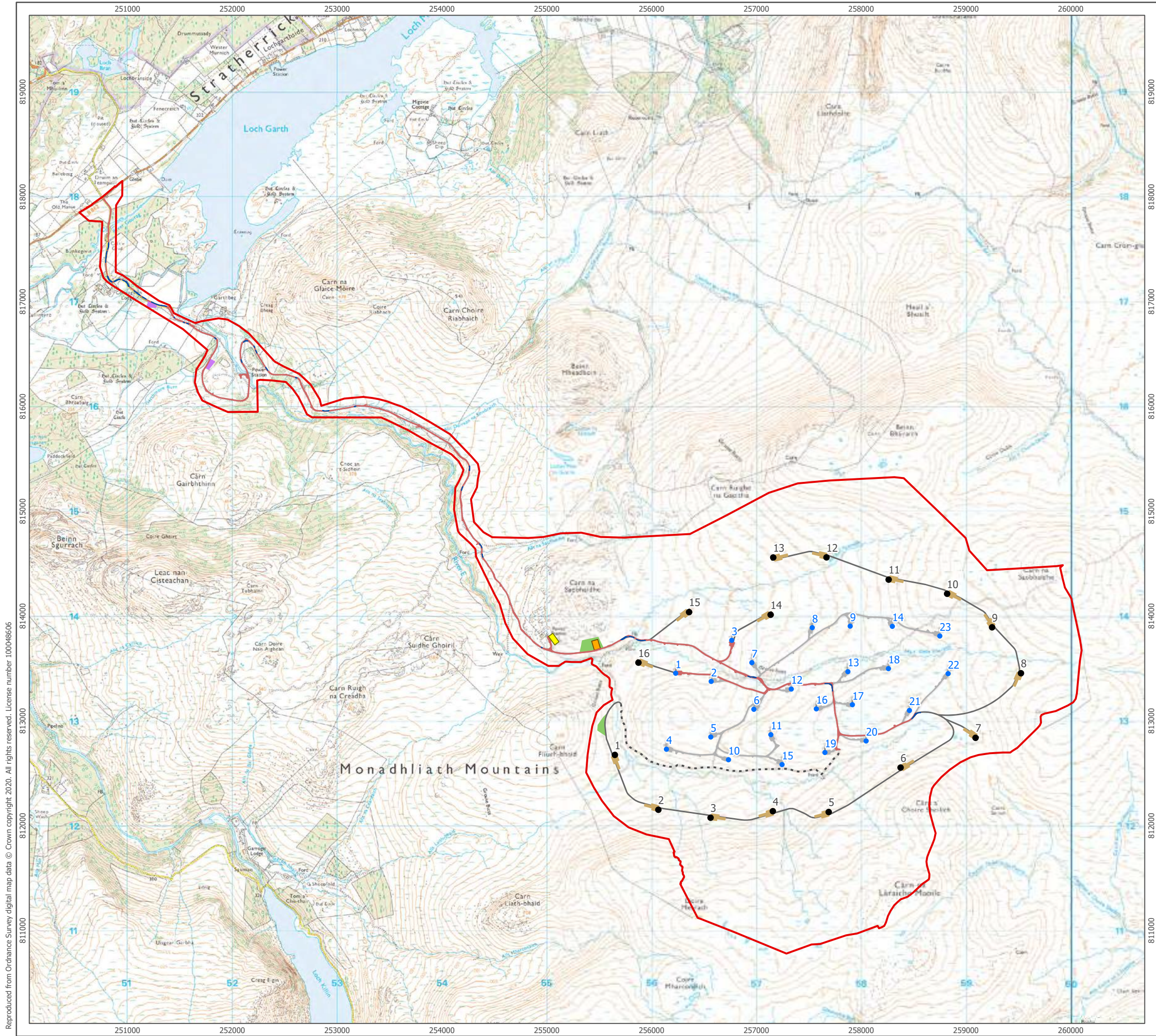
1:75,000 Scale @ A3
0 1 2 km



Produced By: JN	Ref: 10792-3.8
Checked By: DW	Date: 30/09/2020

Final Development Site Layout Design
Figure 3.8

Corriegarth 2 Wind Farm
EIA Report



- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Existing Track (Use restricted to construction phase for access to borrow pit only)
- Borrow Pit Extents
- Construction Compound
- Crane Hardstanding
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Laydown Area
- Proposed Access Tracks
- Substation Compound
- Track Widening Area

Proposed Turbine Locations

Turbine ID	Easting	Northing
1	255650	812676
2	256065	812153
3	256563	812077
4	257157	812139
5	257690	812131
6	258376	812555
7	259091	812839
8	259524	813455
9	259249	813893
10	258820	814213
11	258262	814348
12	257669	814560
13	257161	814559
14	257136	814013
15	256358	814038
16	255875	813556

1:35,000 Scale @ A3

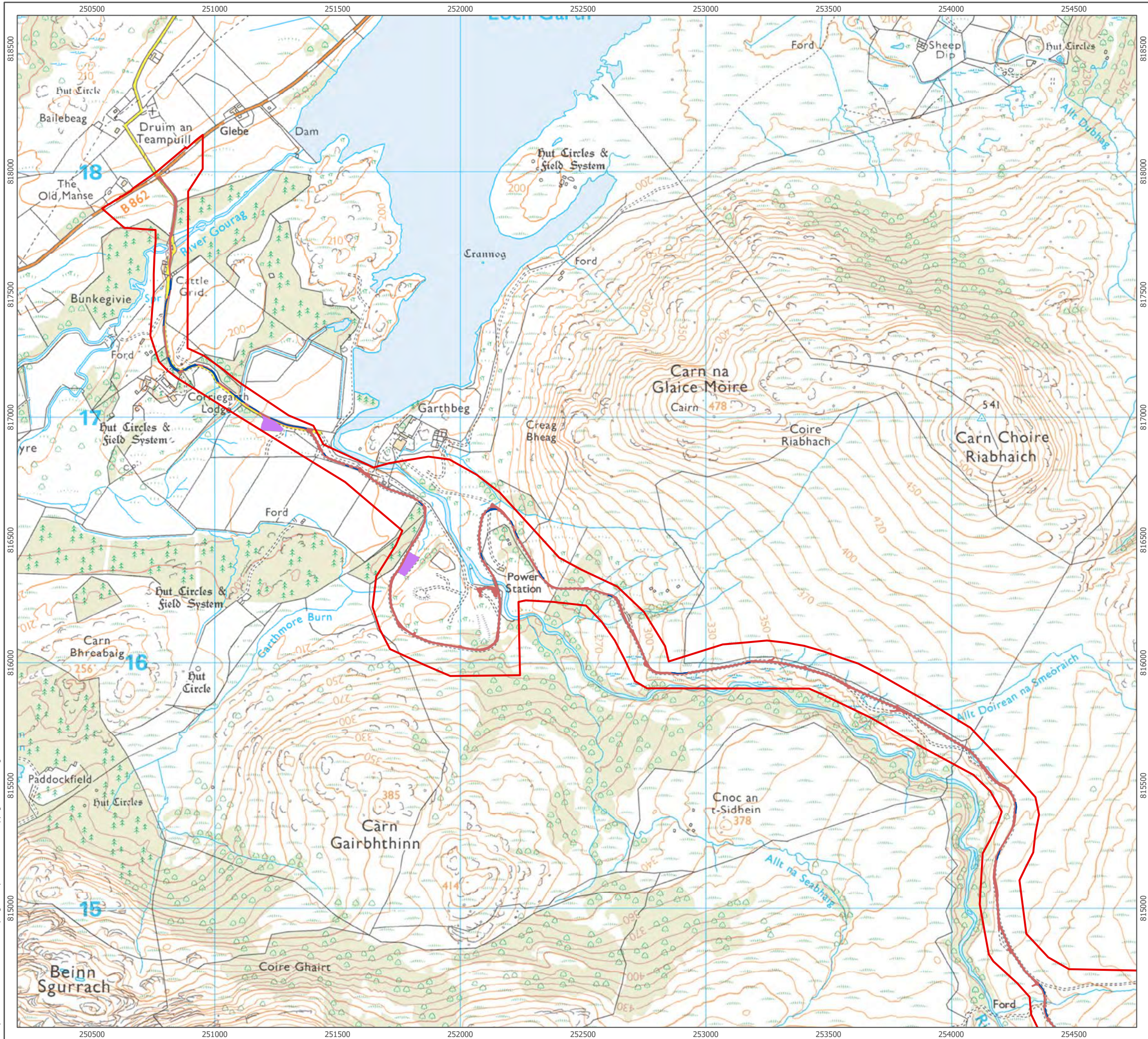


Produced By: SC	Ref: 3369-REP-074
Checked By: HK	Date: 01/10/2020

Site Layout Plan
Figure 4.1

Corriegarth 2 Wind Farm
EIA Report

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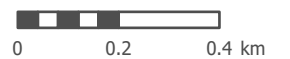


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- Operational Corriegarth Wind Turbines
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- Existing Wind Farm Tracks
- Laydown Area
- Proposed Access Tracks
- Substation Compound
- Track Widening Area

Proposed Turbine Locations

Turbine ID	Easting	Northing
1	255650	812676
2	256065	812153
3	256563	812077
4	257157	812139
5	257690	812131
6	258376	812555
7	259091	812839
8	259524	813455
9	259249	813893
10	258820	814213
11	258262	814348
12	257669	814560
13	257161	814559
14	257136	814013
15	256358	814038
16	255875	813556

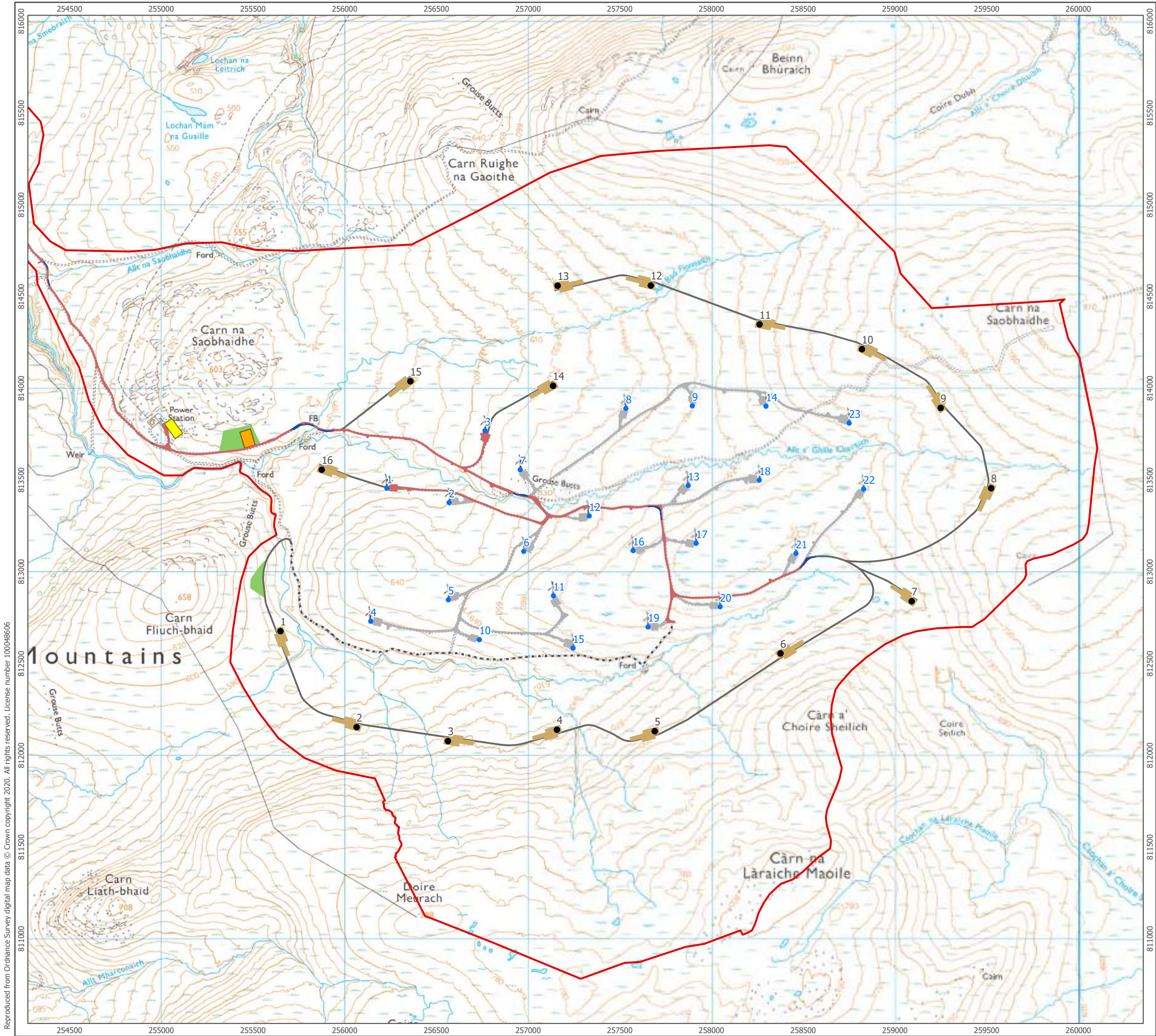
1:15,000 Scale @ A3



Produced By: SC	Ref: 3369-REP-074
Checked By: HK	Date: 01/10/2020

Site Layout Plan
Figure 4.1

Corriegarth 2 Wind Farm
EIA Report

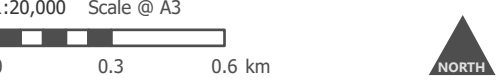


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- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Existing Track (Use restricted to construction phase for access to borrow pit only)
- Borrow Pit Extents
- Construction Compound
- Crane Hardstanding
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Laydown Area
- Proposed Access Tracks
- Substation Compound
- Track Widening Area

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7	259091	812839
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9	259249	813893
10	258820	814213
11	258262	814348
12	257669	814560
13	257161	814559
14	257136	814013
15	256358	814038
16	255875	813556



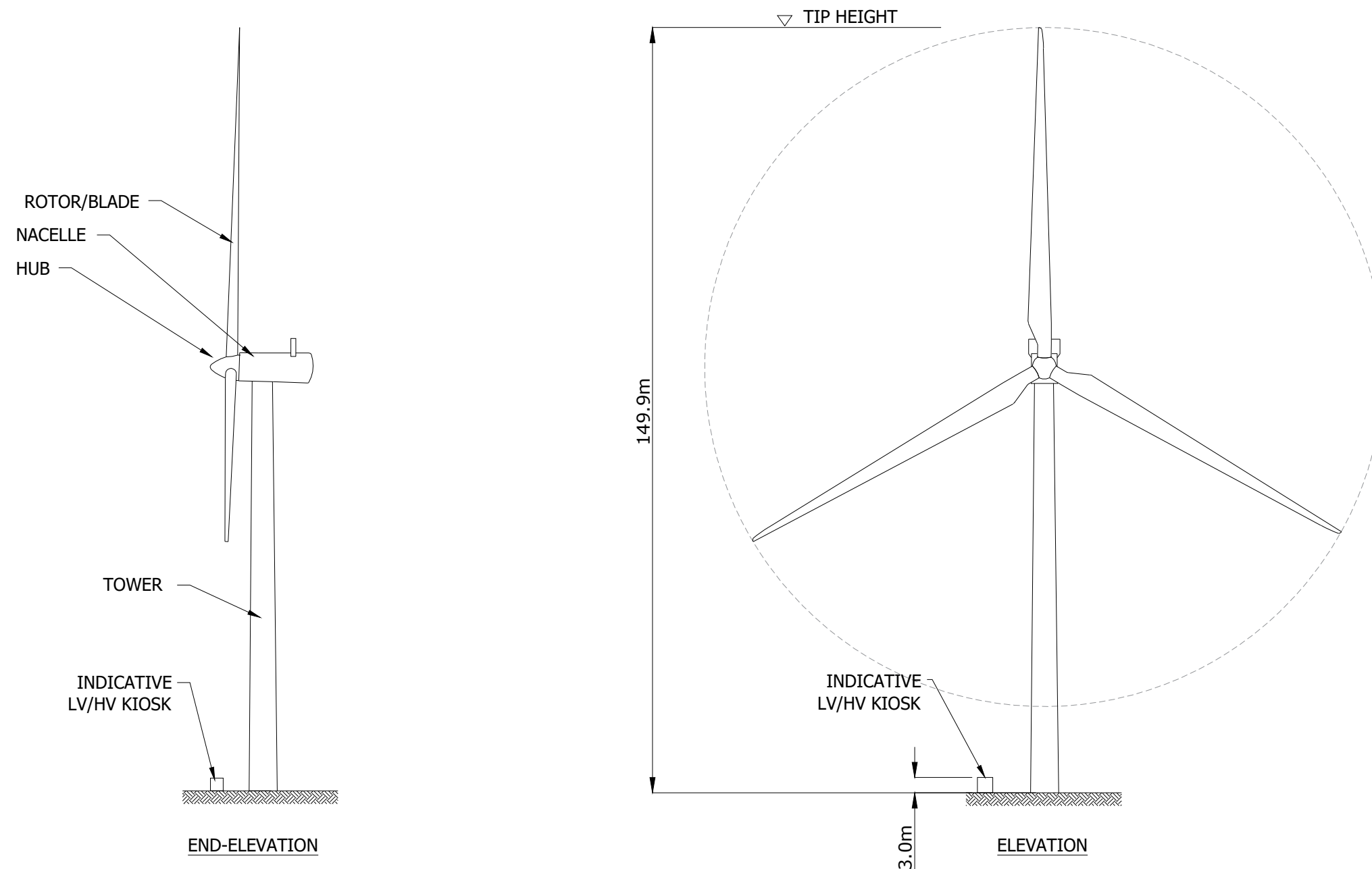
Produced By: SC	Ref: 3369-REP-074
Checked By: HK	Date: 01/10/2020

Site Layout Plan

Figure 4.1

Corriegarth 2 Wind Farm

EIA Report

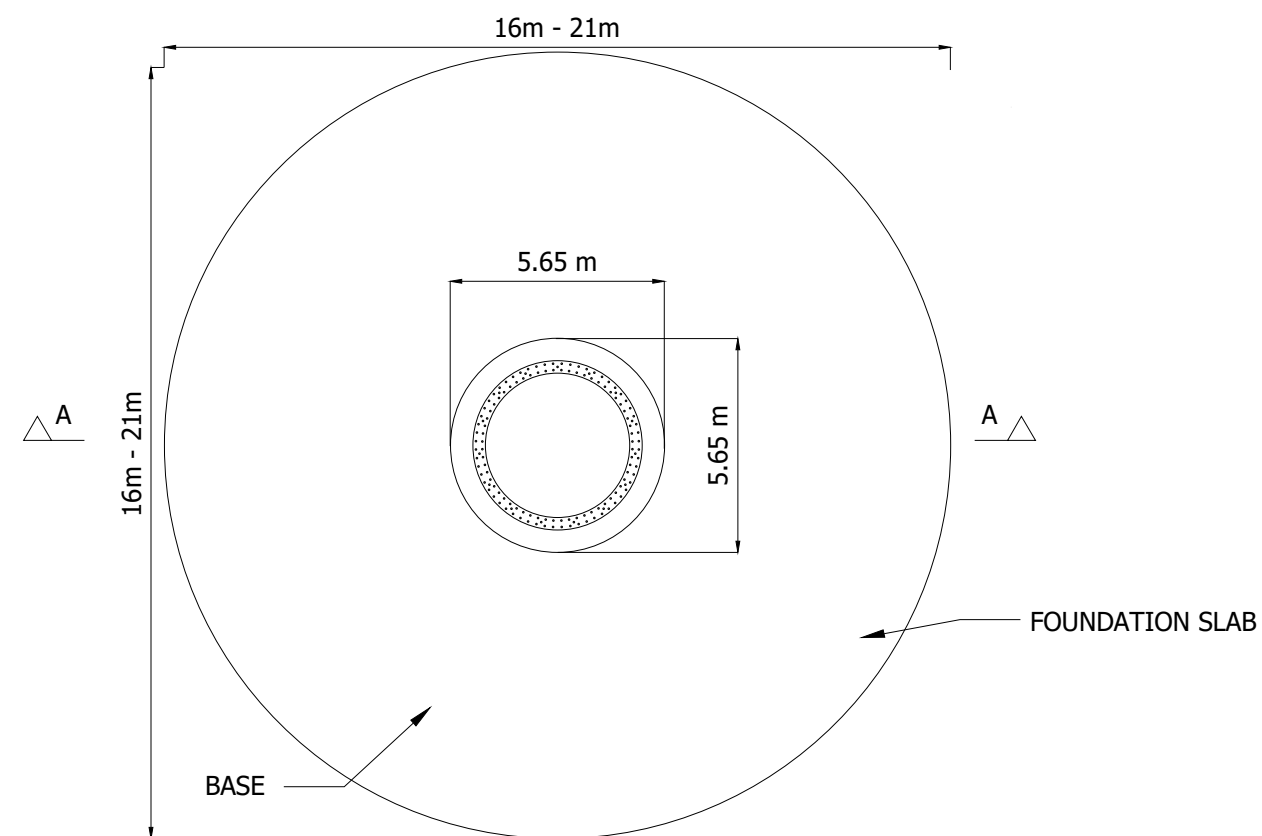


1:1000 Scale @ A3

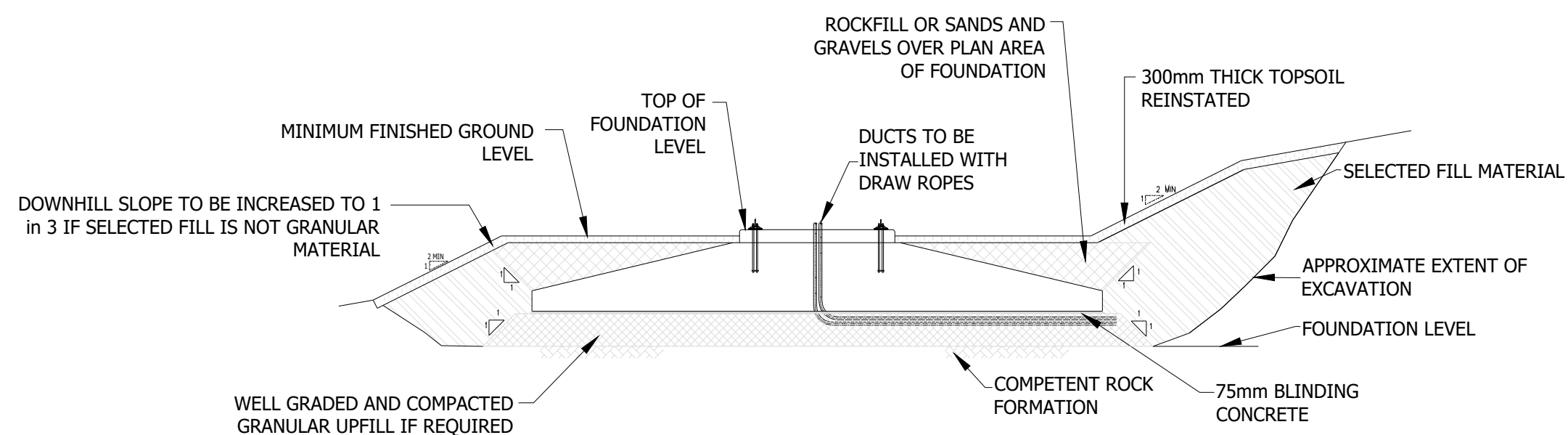
Produced: KB	Ref: 3369-DR-P-0008
Reviewed: DB	Date: 21/08/20
Approved: AG	

Indicative Turbine Elevations
Figure 4.2

Corriegarth 2 Wind Farm
EIA Report



PLAN ON TYPICAL TURBINE FOUNDATION



SECTION THROUGH TYPICAL TURBINE BASE

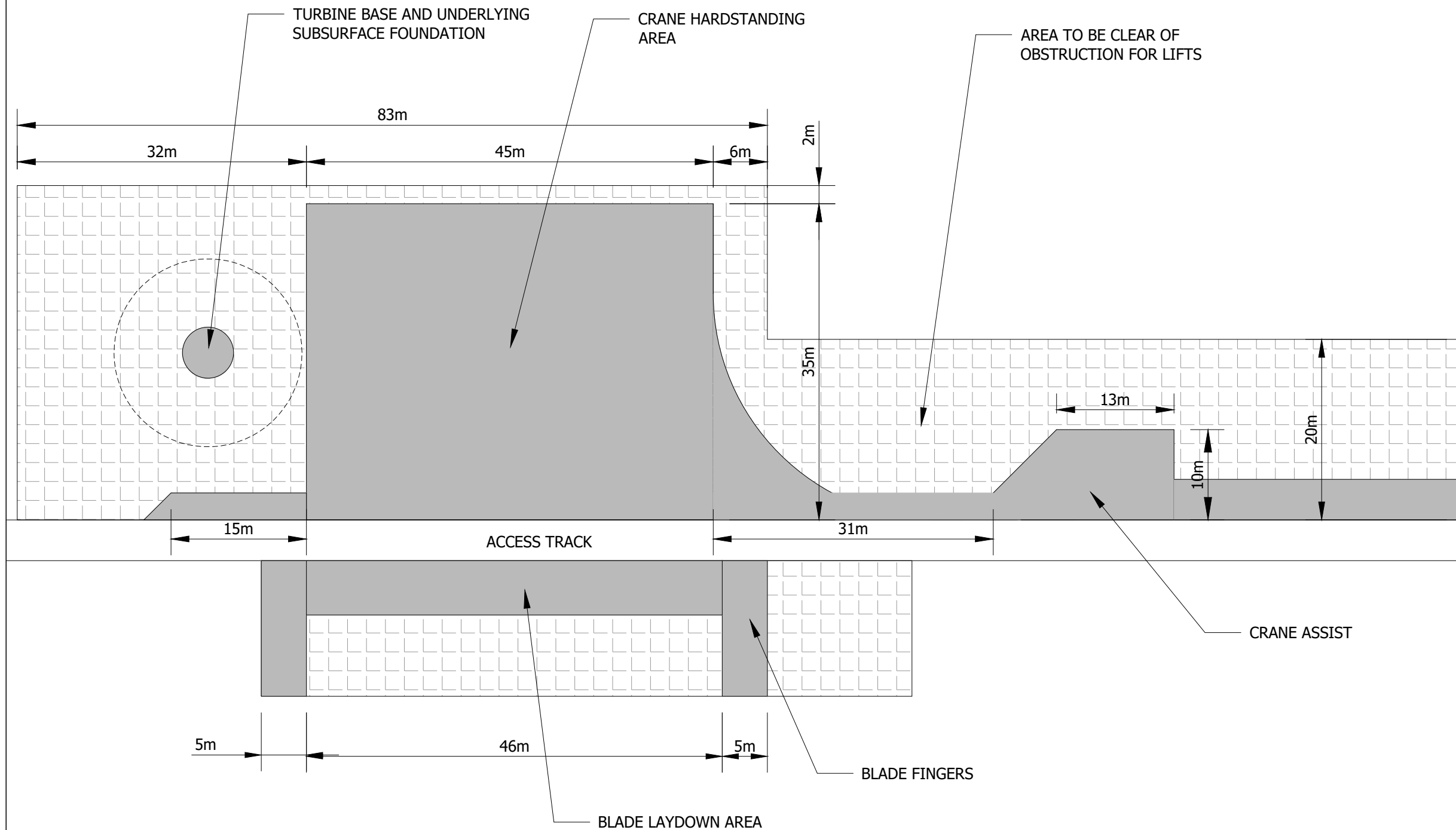
1:200 Scale @ A3

Produced: KB
Reviewed: DB
Approved: HK

Ref: 3369-DR-P-0009
Date: 20/11/19

Indicative Foundation Design
Figure 4.3

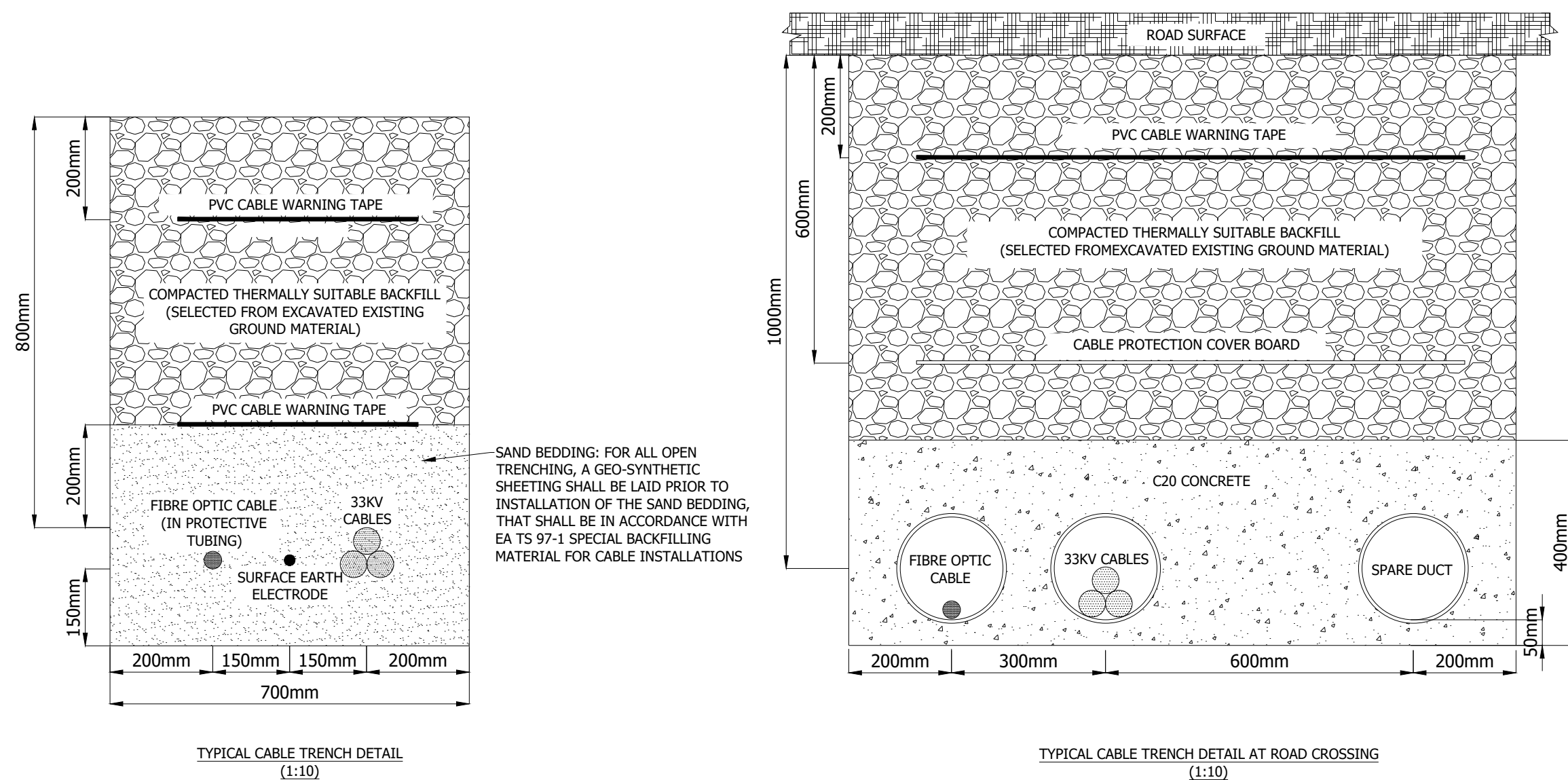
Corriegarth 2 Wind Farm
EIA Report



1:1000 Scale @ A3

Produced: KB	Ref: 3369-DR-P-0010
Reviewed: DB	Date: 21/08/20
Approved: HK	

Indicative Crane Hardstanding
Figure 4.4



1:10

Scale @ A3

Produced: KB
Reviewed: DB
Approved: HK

Ref: 3369-DR-P-0011
Date: 21/08/20

Indicative Cable Trench Detail

Figure 4.5

**Corriegarth 2 Wind Farm
EIA Report**

KEY:

- PALISADE FENCE
- POST AND WIRE FENCE

FOR ELEVATIONS SEE FIGURE 4.7A AND FIGURE 4.7B

1:500 Scale @ A3

Produced: KB
Reviewed: TAT
Approved: HK

Ref: 3369-DR-P-0012
Date: 12/10/20

Indicative Control Building
Compound
Figure 4.6

Corriegarth 2 Wind Farm
EIA Report

71.0m

FIG 4.7A - ELEVATION B

33KV SWITCHGEAR /
CONTROL BUILDING

FIG 4.7A - ELEVATION C

FIG 4.7A - ELEVATION A

FIG 4.7A - ELEVATION D

REACTIVE
COMPENSATION /
SVC COMPOUND

FIG 4.7B - ELEVATION A

FIG 4.7B - ELEVATION C

SHE-T
SUBSTATION/CONTROL
BUILDING

FIG 4.7B - ELEVATION D

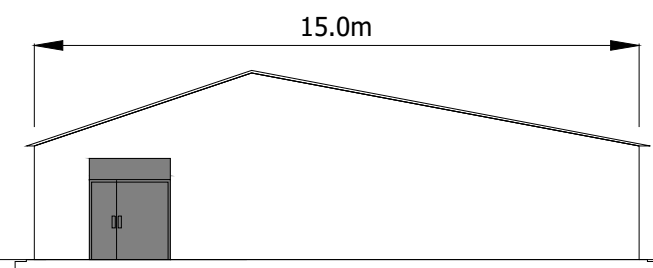
HARMONIC FILTER
COMPOUND

STANDBY
GENERATOR

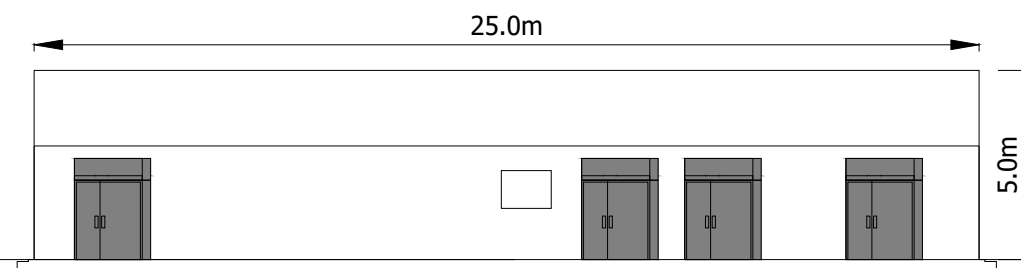
SA

FIG 4.7B - ELEVATION B

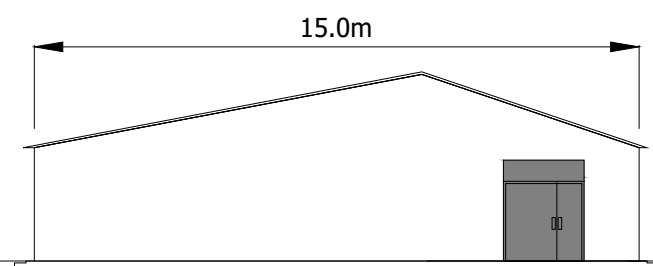
57.0m



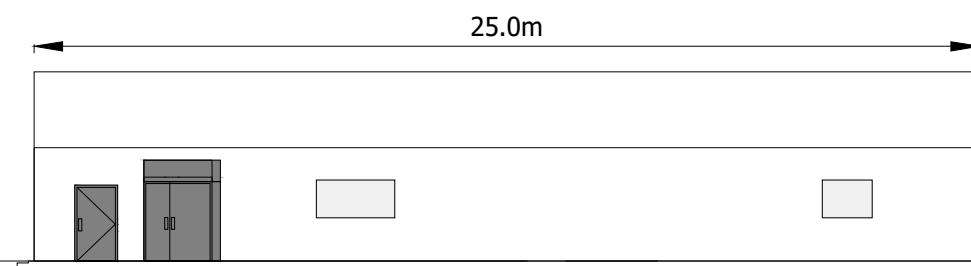
ELEVATION A



ELEVATION B



ELEVATION C



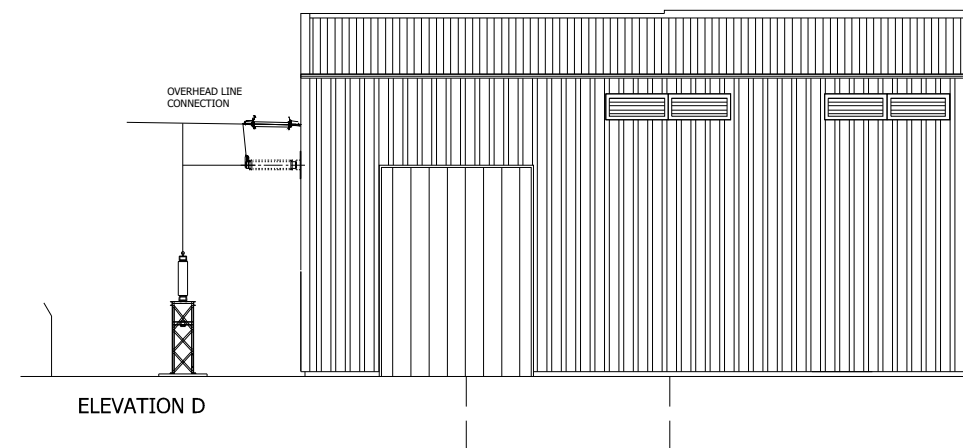
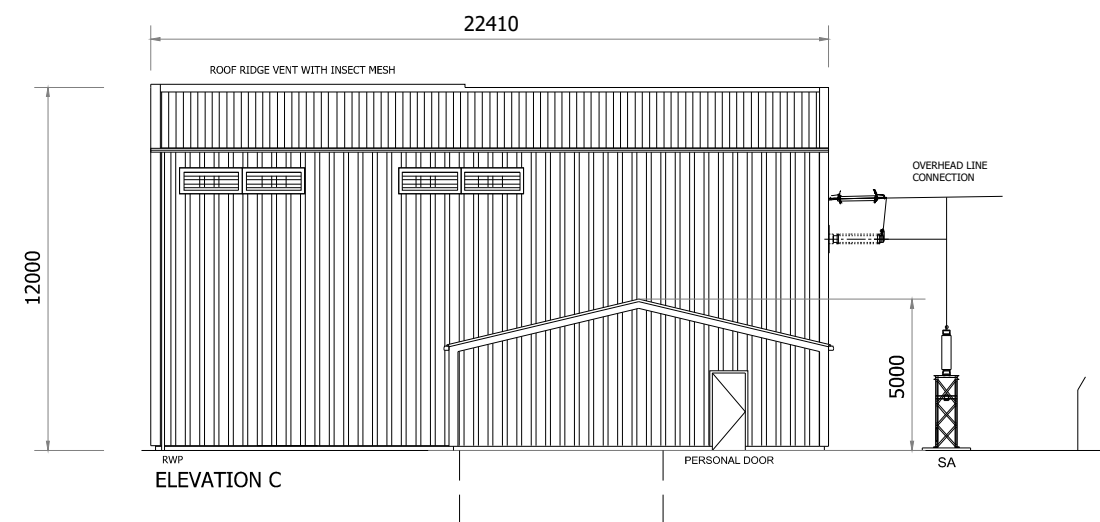
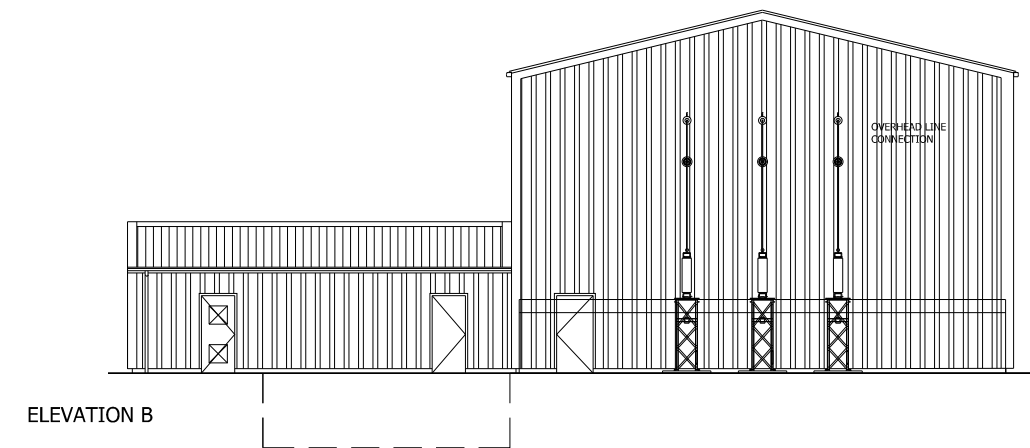
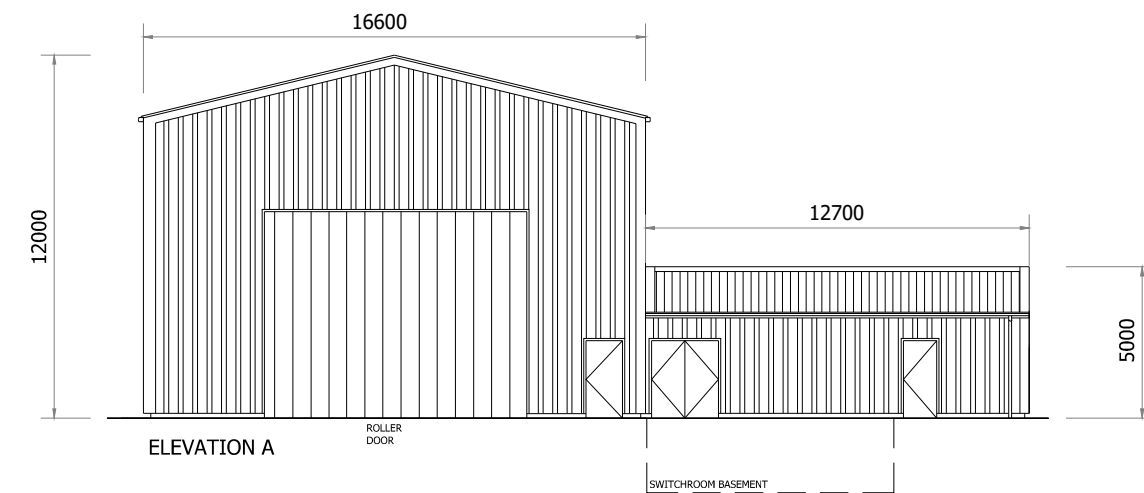
ELEVATION D

1:200 Scale @ A3

Produced: KB	Ref: 3369-DR-P-0013
Reviewed: TAT	Date: 12/10/20
Approved: HK	

Indicative Control Building Elevations
Figure 4.7a

**Corriegarth 2 Wind Farm
EIA Report**

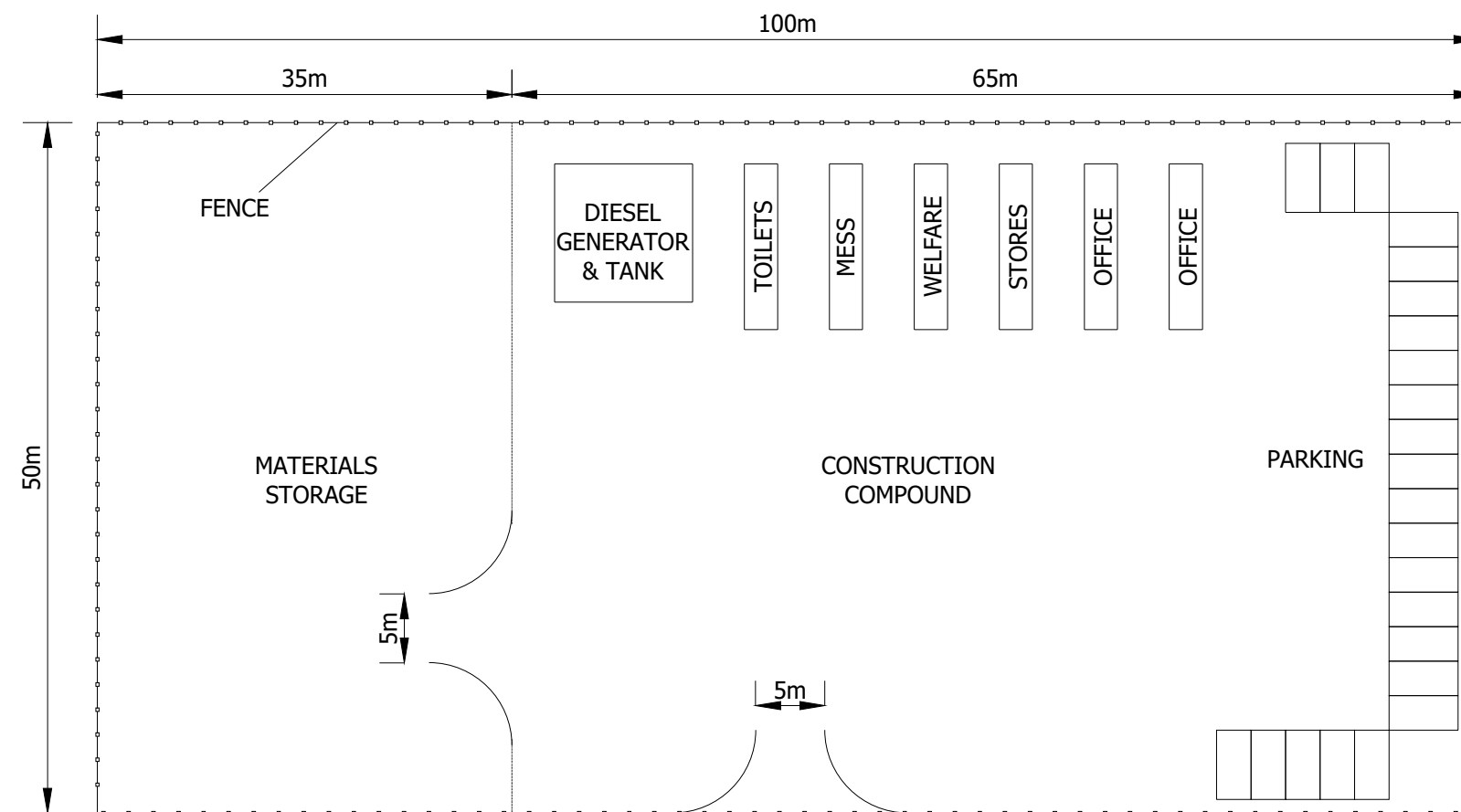


1:200 Scale @ A3

Produced: KB	Ref: 3369-DR-P-0013
Reviewed: TAT	Date: 12/10/20
Approved: HK	

**SHE-T Substation/
Control Building Elevations**
Figure 4.7b

**Corriegarth 2 Wind Farm
EIA Report**



PLAN VIEW OF INDICATIVE
CONSTRUCTION COMPOUND ARRANGEMENT

1:500

Scale @ A3

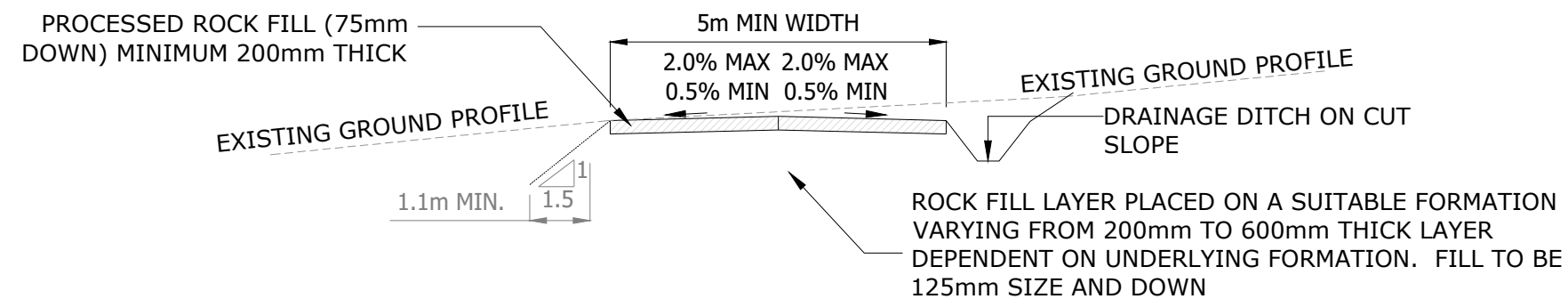
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Reviewed: DB
Approved: HK

Ref: 3369-DR-P-0014
Date: 21/08/20

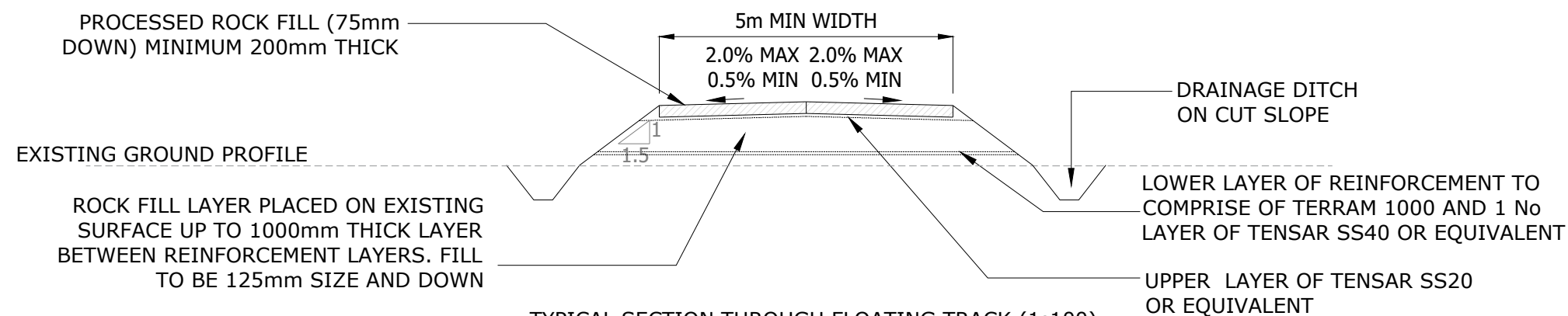
Indicative Construction Compound

Figure 4.8

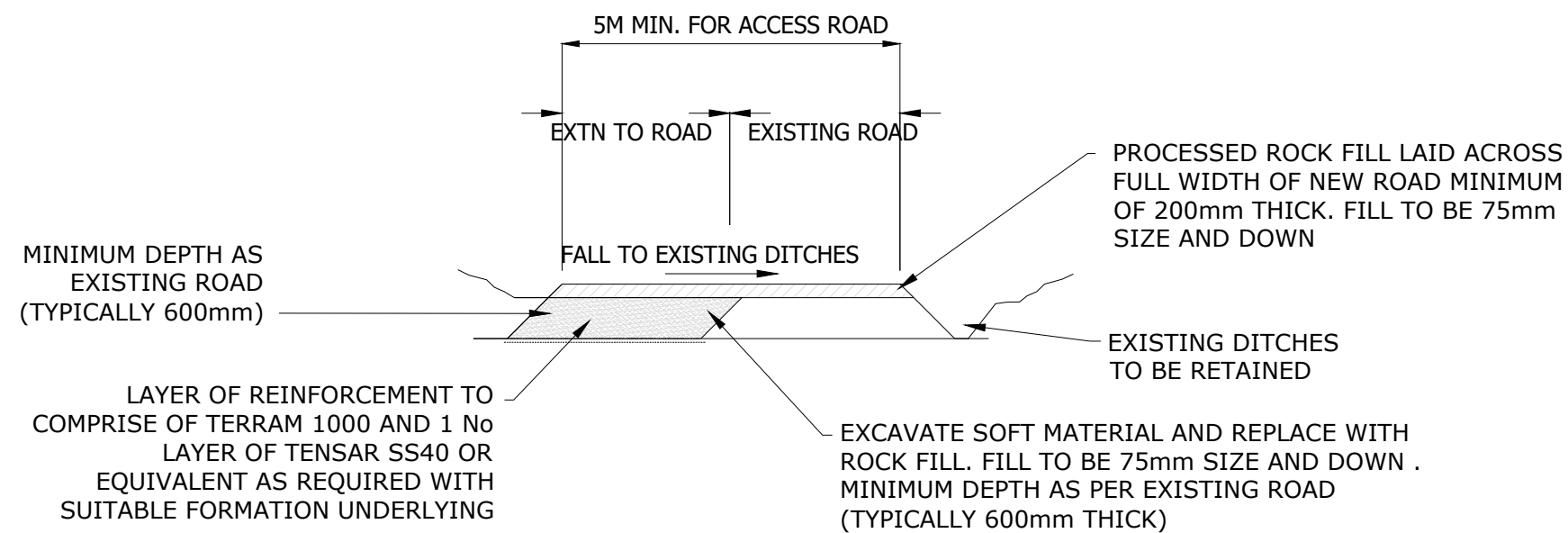
**Corriegarth 2 Wind Farm
EIA Report**



TYPICAL SECTION THROUGH EXCAVATED TRACK (1:100)



TYPICAL SECTION THROUGH FLOATING TRACK (1:100)



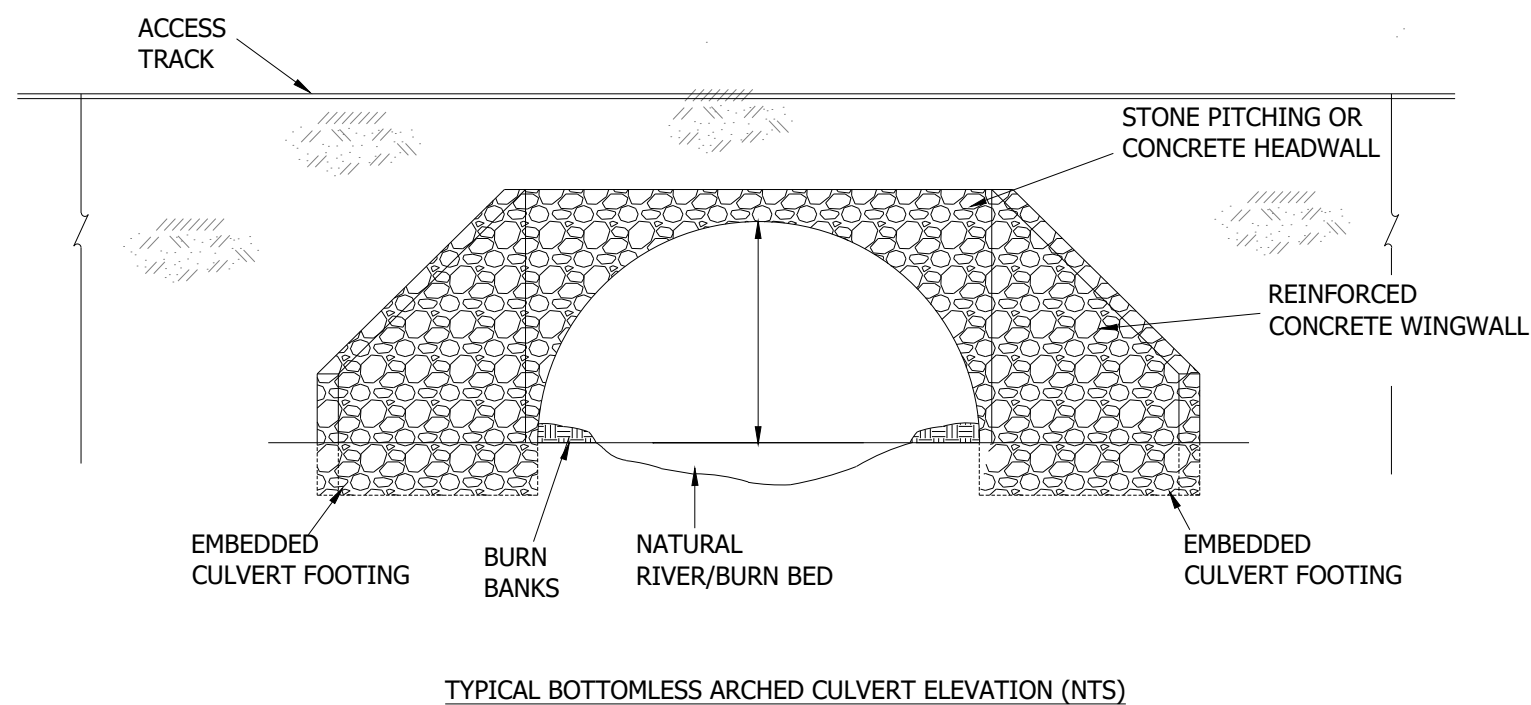
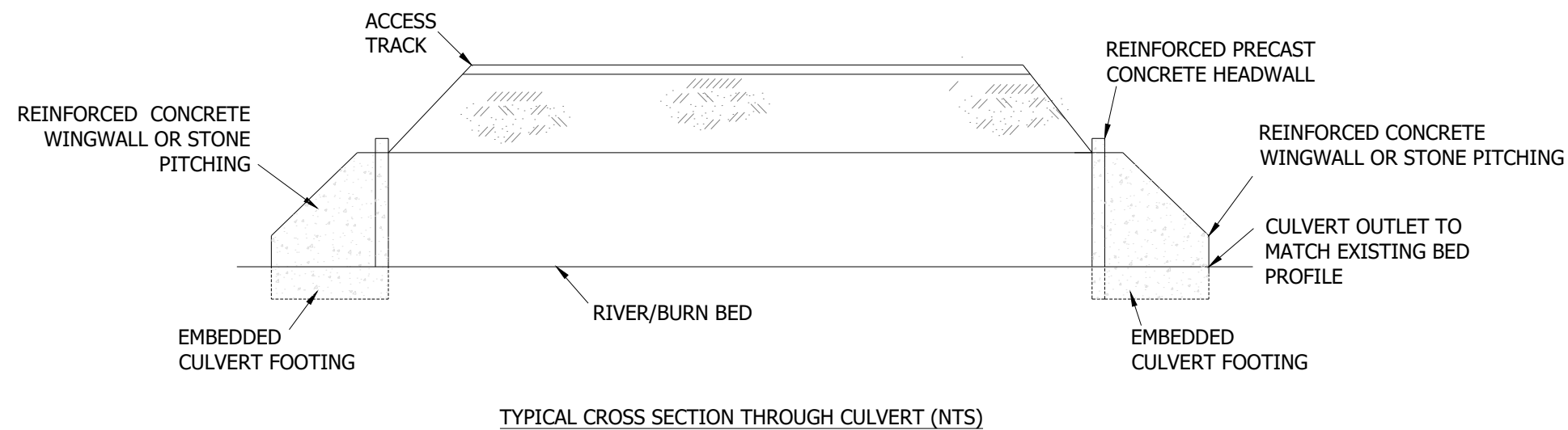
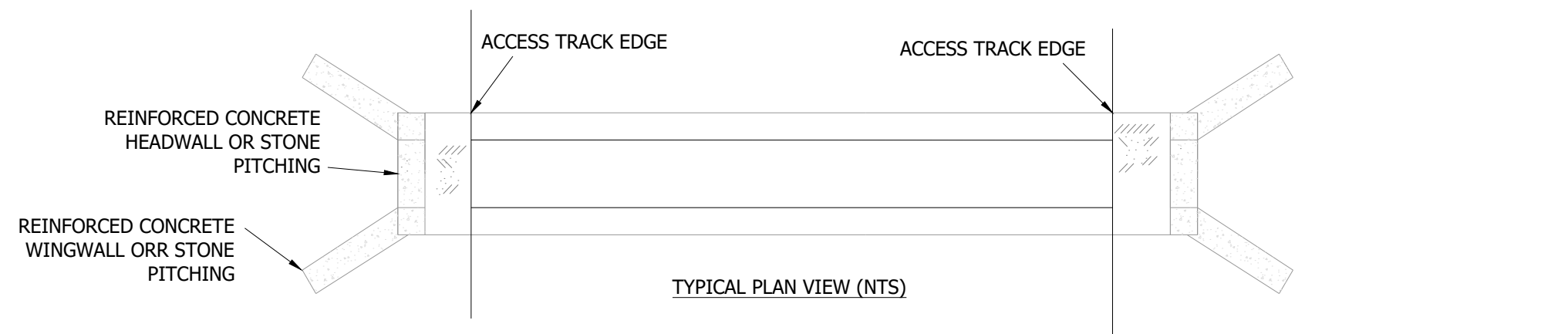
TYPICAL SECTION WIDENING OF EXISTING TRACK (1:100)

1:100 Scale @ A3

Produced: KB	Ref: 3369-DR-P-0015
Reviewed: DB	Date: 21/08/20
Approved: HK	

Indicative Access Track
Figure 4.9

Corriegarth 2 Wind Farm
EIA Report

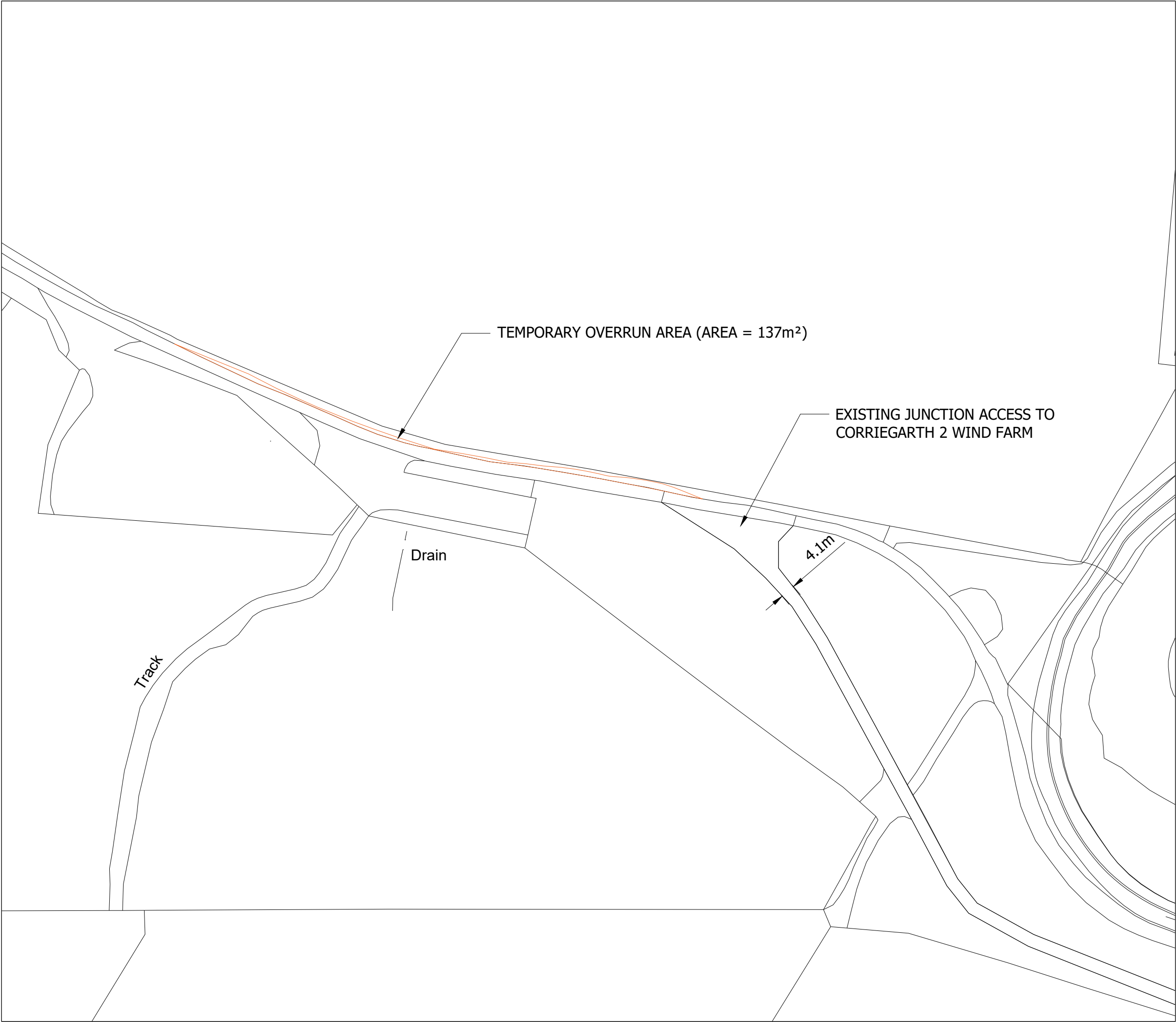


NTS Scale @ A3

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Reviewed: DB	Date: 21/08/20
Approved: HK	

Indicative Culvert Details
Figure 4.10

Corriegarth 2 Wind Farm
EIA Report



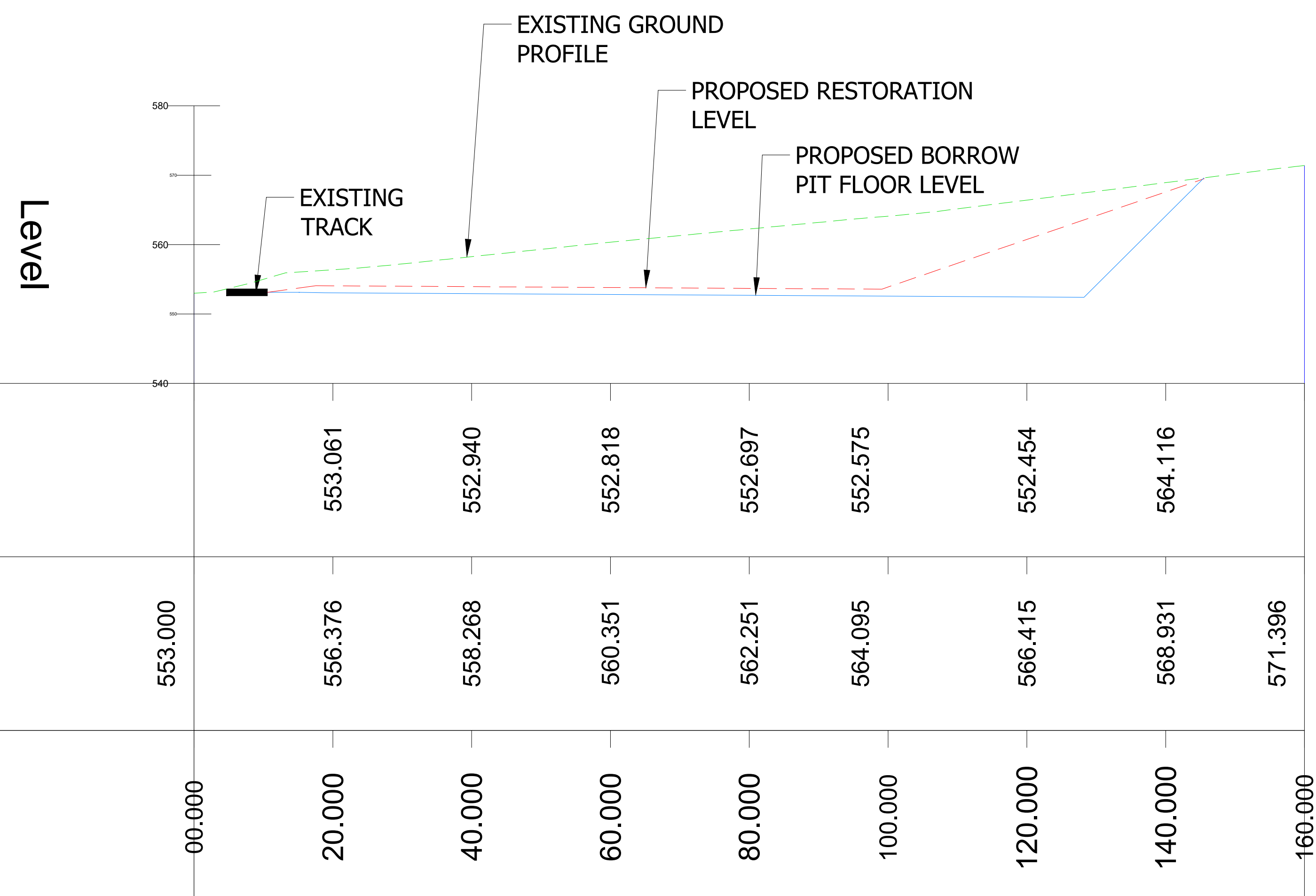
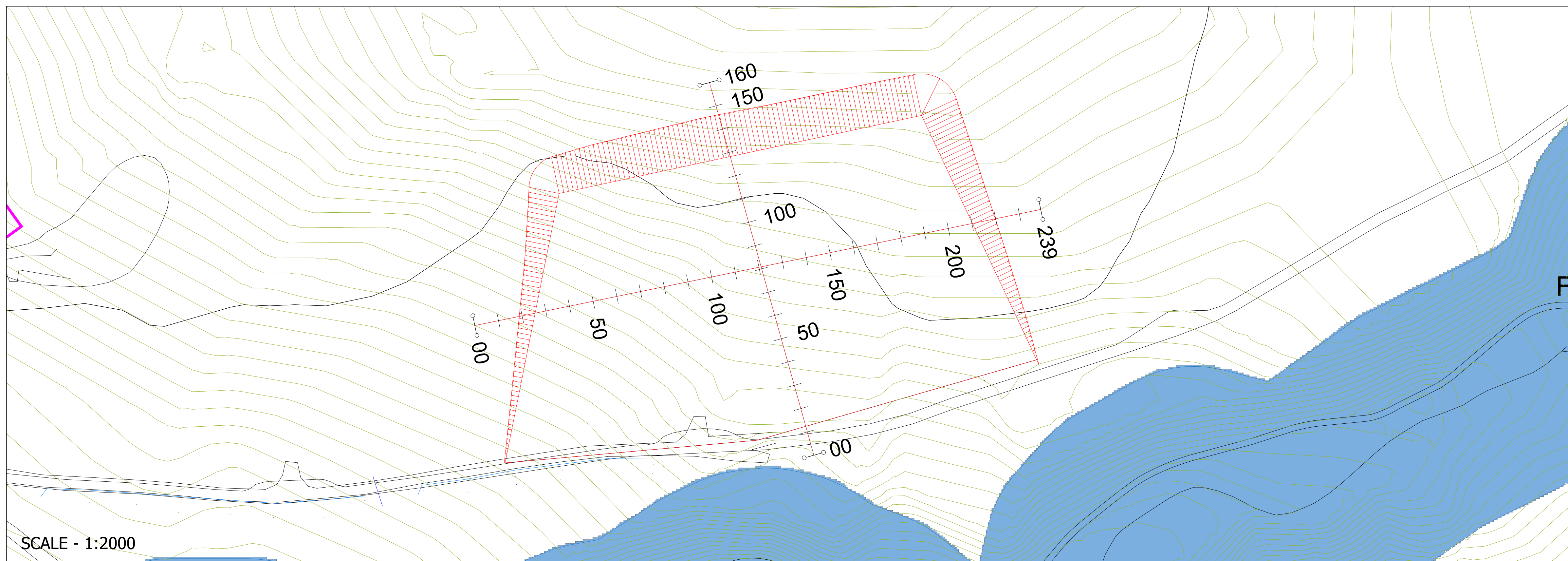
1:1000 Scale @ A3



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Reviewed: DB	
Approved: HK	Date: 12/10/20

Access from U112
Junction Arrangement
Figure 4.12

Corriegarth 2 Wind Farm
EIA Report



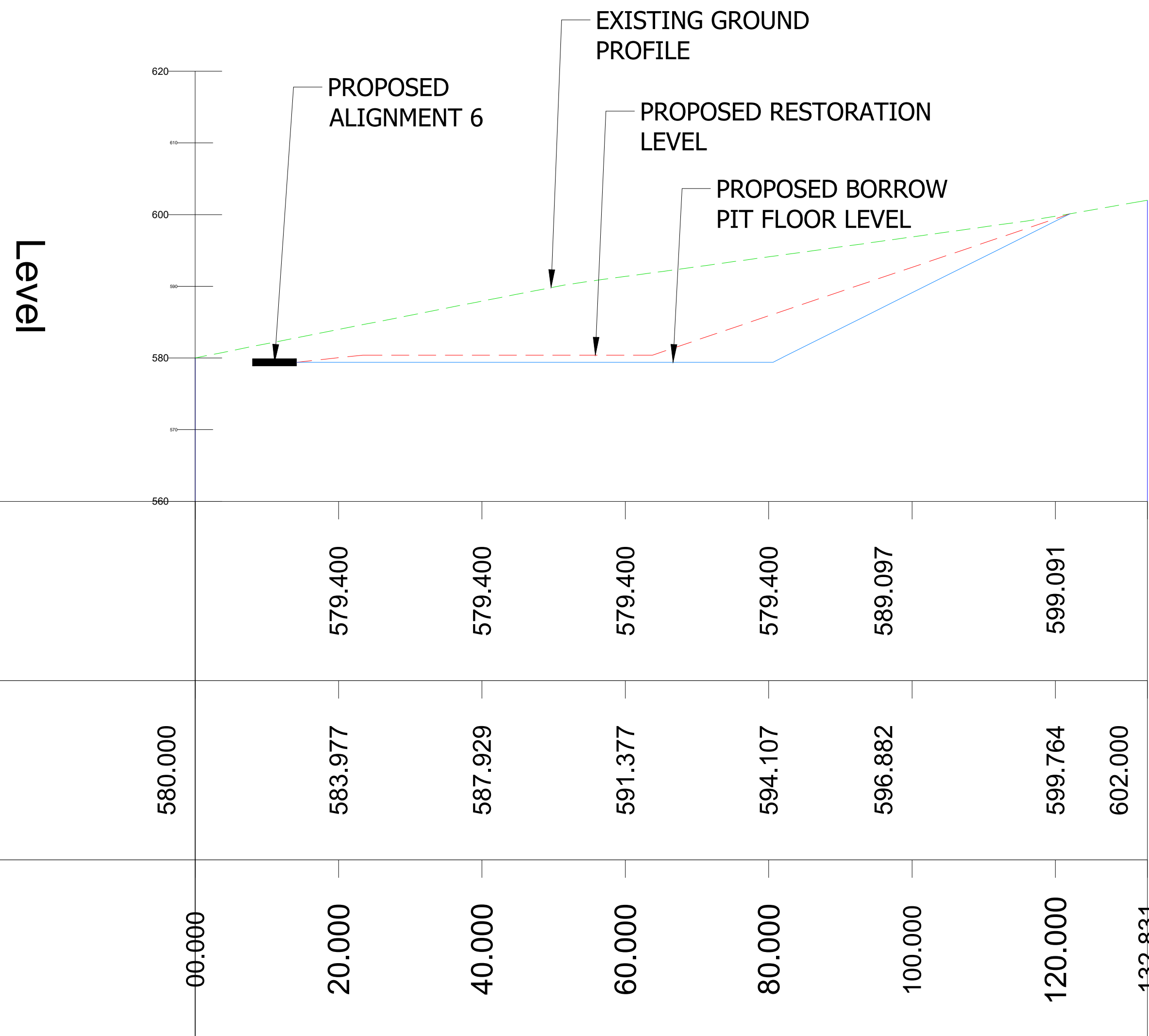
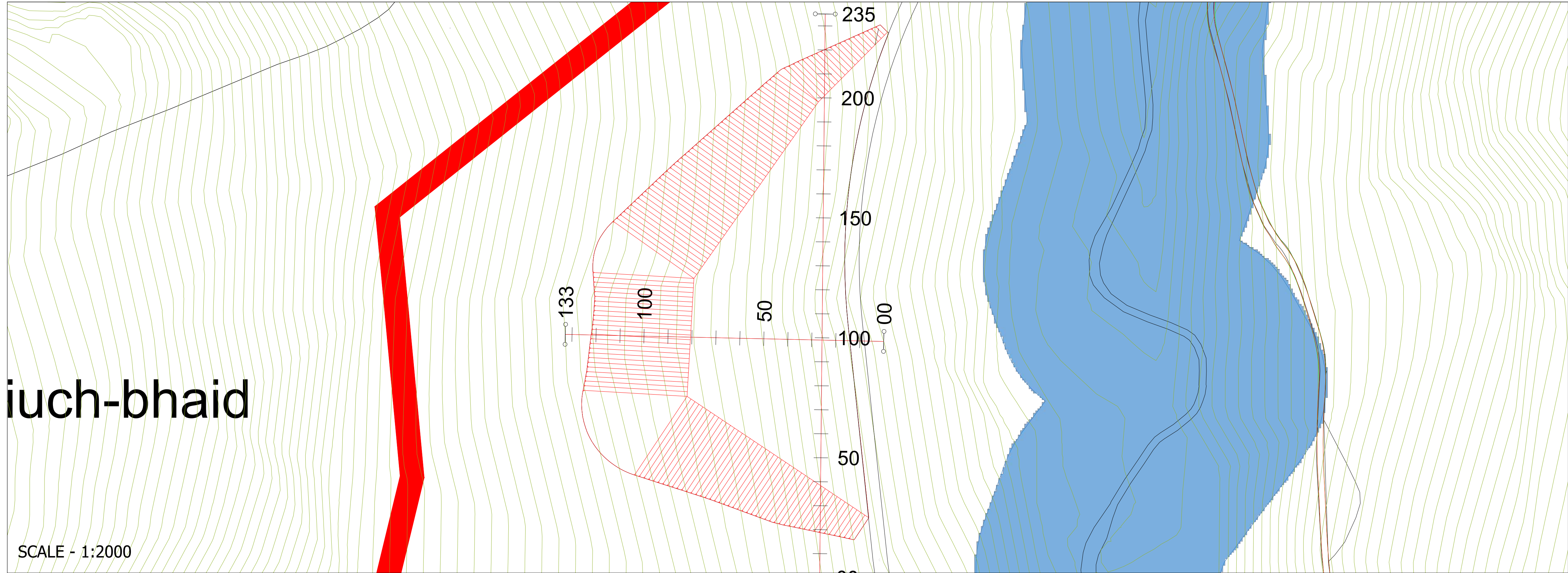
AS SHOWN Scale @ A3



Produced: KB
Reviewed: DB
Approved: HK

Ref: 3369-DR-P-0020
Date: 25/08/20

Borrow Pit 1 Plan and Profile
Figure 4.13



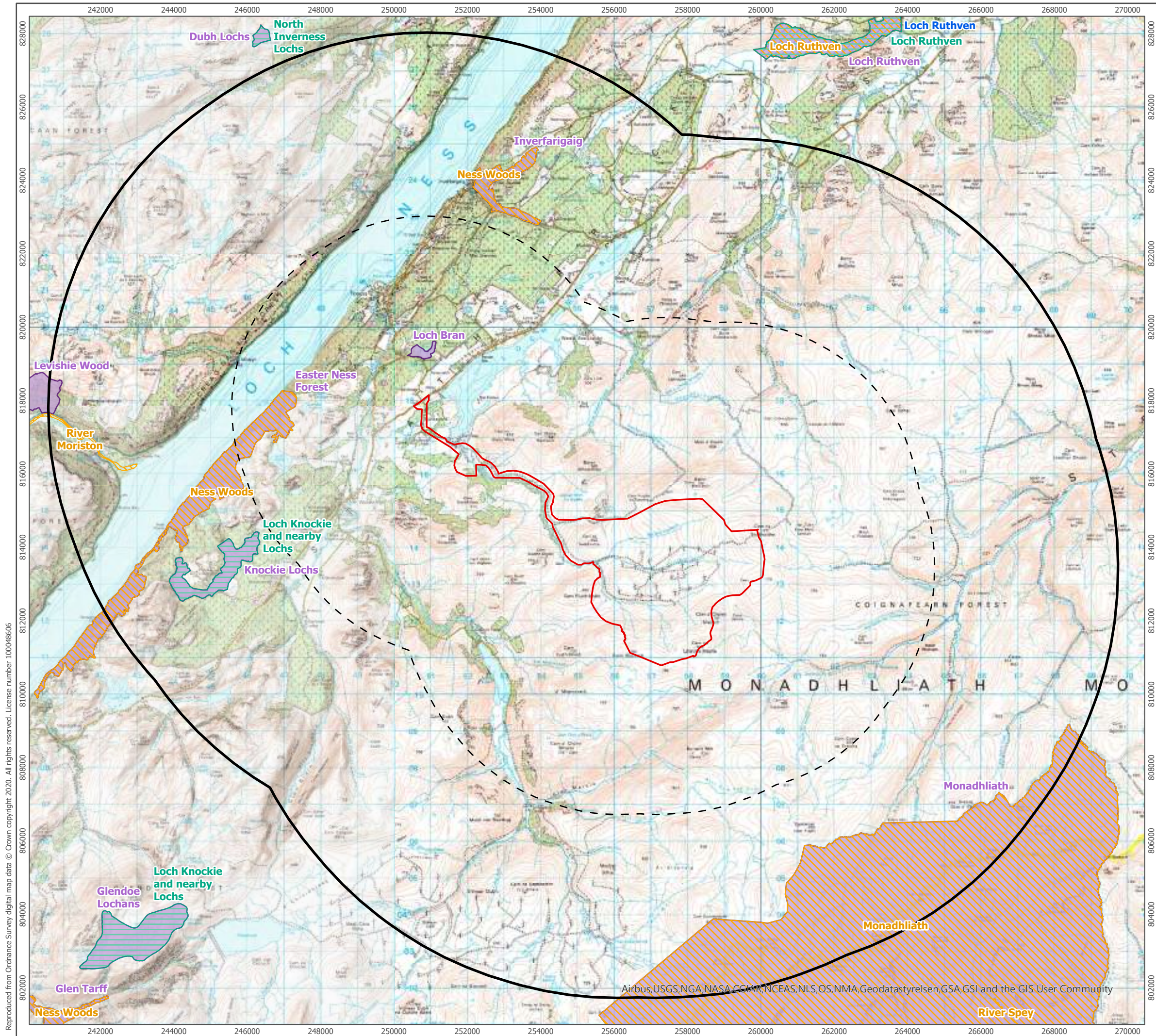
SCALE - 1:1000

AS SHOWN Scale @ A3



Produced: KB	Ref: 3369-DR-P-0021
Reviewed: DB	Date: 25/08/20
Approved: HK	

Borrow Pit 2 Plan and Profile
Figure 4.14



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-  Site Boundary
-  5 km Study Area
-  10 km Study Area
-  Special Protection Areas
-  Special Areas of Conservation
-  Sites of Special Scientific Interest
-  Ramsar Sites

1:100,000 Scale @ A3


Produced By: FC	Ref: 3369-REP-077
Checked By: SC	Date: 09/09/2020

Ecological Designations
Figure 7.1

**Corriegarth 2 Wind Farm
EIA Report**



- Site Boundary**
- Proposed Turbine Location**
- Operational Corriegarth Wind Turbines**
- Existing Track (Use restricted to construction phase for access to borrow pit only)**
- Phase1Habitats**
- Acid Grassland - Unimproved
 - Acid Grassland - semi-improved
 - Bracken - Scattered
 - Broadleaved Parkland/scattered trees
 - Broadleaved woodland - plantation
 - Coniferous woodland - plantation
 - Cultivated/disturbed land - arable
 - Dry Dwarf Shrub Heath - Acid
 - Dry Heath / Acid Grassland Mosaic
 - Flush and Spring - Acid/Neutral Flush
 - Marshy Grassland
 - Other habitat - Including Tracks / Hardstanding
 - Running Water
 - Sphagnum Blanket Bog
 - Standing Water - Oligiotrophic
 - Wet Dwarf Shrub Heath
 - Wet Heath / Acid Grassland Mosaic
 - Wet Modified Bog

1:12,000 Scale @ A3

0 300 600 m NORTH

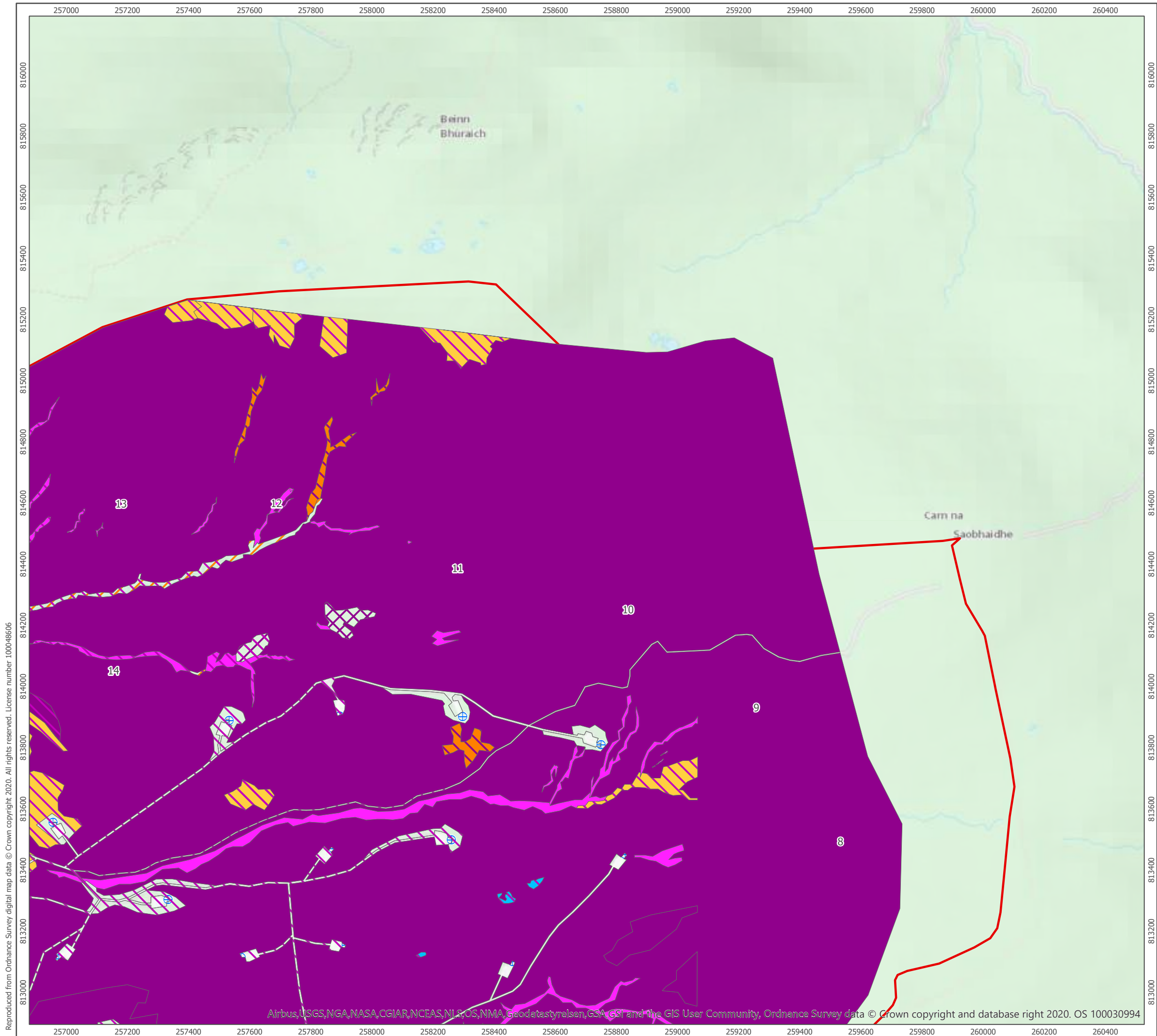
Produced By: LS	Ref: 3369-REP-080
Checked By: SC	Date: 15/09/2020

Phase 1 and NVC Survey Results

Figure 7.2A

Corriegarth 2 Wind Farm

EIA Report





Site Boundary

⊕

Proposed Turbine Location

⊕

Operational Corriegarth Wind Turbines

Phase1Habitats

Acid Grassland - Unimproved

Acid Grassland - semi-improved

Bracken - Scattered

Broadleaved Parkland/scattered trees

Broadleaved woodland - plantation

Coniferous woodland - plantation

Cultivated/disturbed land - arable

Dry Dwarf Shrub Heath - Acid

Dry Heath / Acid Grassland Mosaic

Flush and Spring - Acid/Neutral Flush

Marshy Grassland

Other habitat - Including Tracks / Hardstanding

Running Water

Sphagnum Blanket Bog

Standing Water - Oligiotrophic

Wet Dwarf Shrub Heath

Wet Heath / Acid Grassland Mosaic

Wet Modified Bog

1:12,000

Scale @ A3

0

300

600 m

NORTH

Produced By: LS	Ref: 3369-REP-080
Checked By: SC	Date: 15/09/2020

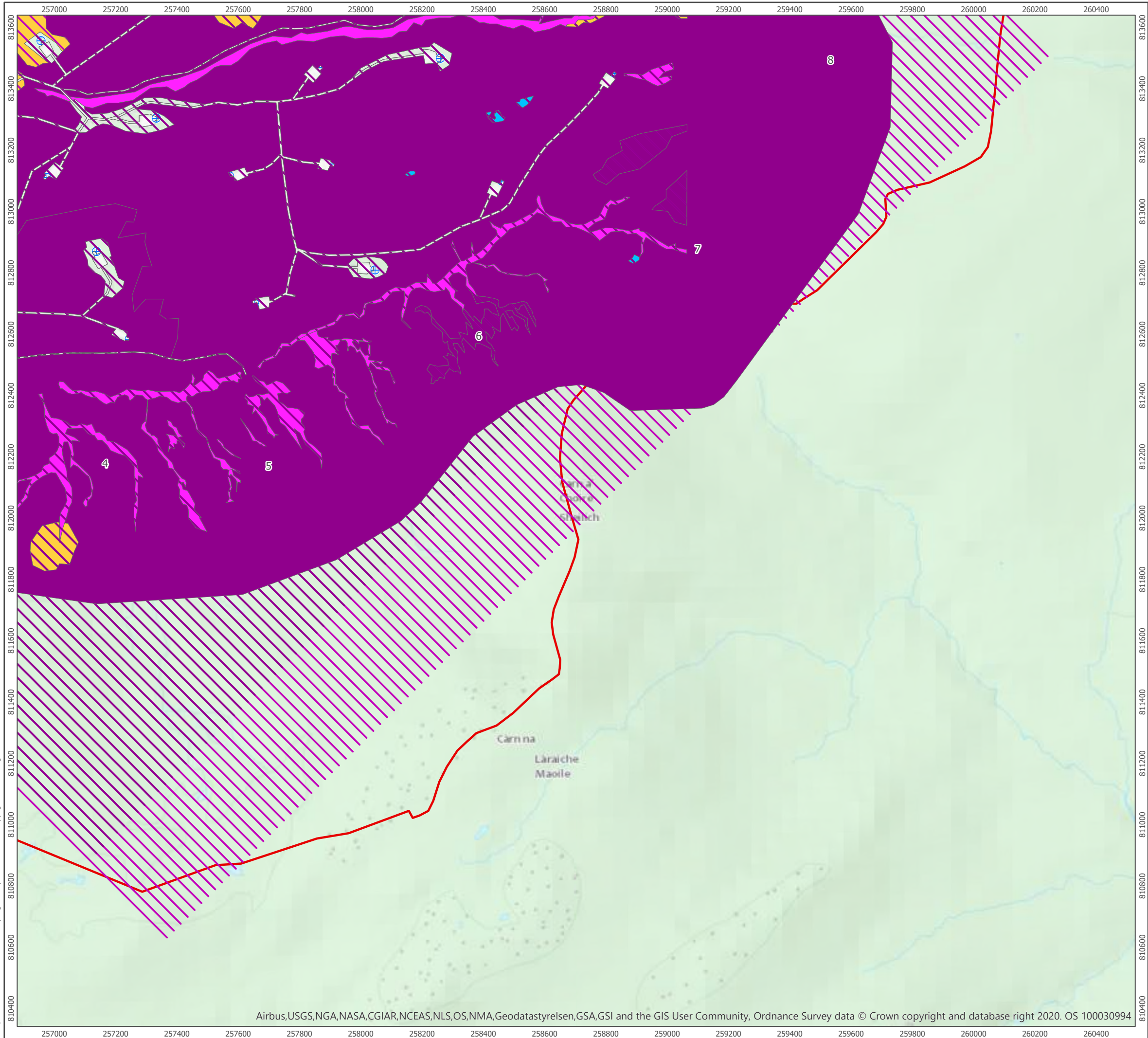
Phase 1 and NVC Survey Results

Figure 7.2B

Corriegarth 2 Wind Farm

EIA Report

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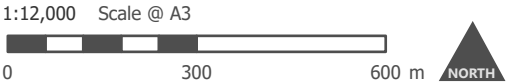
P:\Projects\Ecology\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-080 Fig7.2 Phase 1 NVC Survey Results



-  Site Boundary
-  Proposed Turbine Location
-  Operational Corriegarth Wind Turbines
-  Existing Track (Use restricted to construction phase for access to borrow pit only)

Phase1Habitats

-  Acid Grassland - Unimproved
-  Acid Grassland - semi-improved
-  Bracken - Scattered
-  Broadleaved Parkland/scattered trees
-  Broadleaved woodland - plantation
-  Coniferous woodland - plantation
-  Cultivated/disturbed land - arable
-  Dry Dwarf Shrub Heath - Acid
-  Dry Heath / Acid Grassland Mosaic
-  Flush and Spring - Acid/Neutral Flush
-  Marshy Grassland
-  Other habitat - Including Tracks / Hardstanding
-  Running Water
-  Sphagnum Blanket Bog
-  Standing Water - Oligiotrophic
-  Wet Dwarf Shrub Heath
-  Wet Heath / Acid Grassland Mosaic
-  Wet Modified Bog

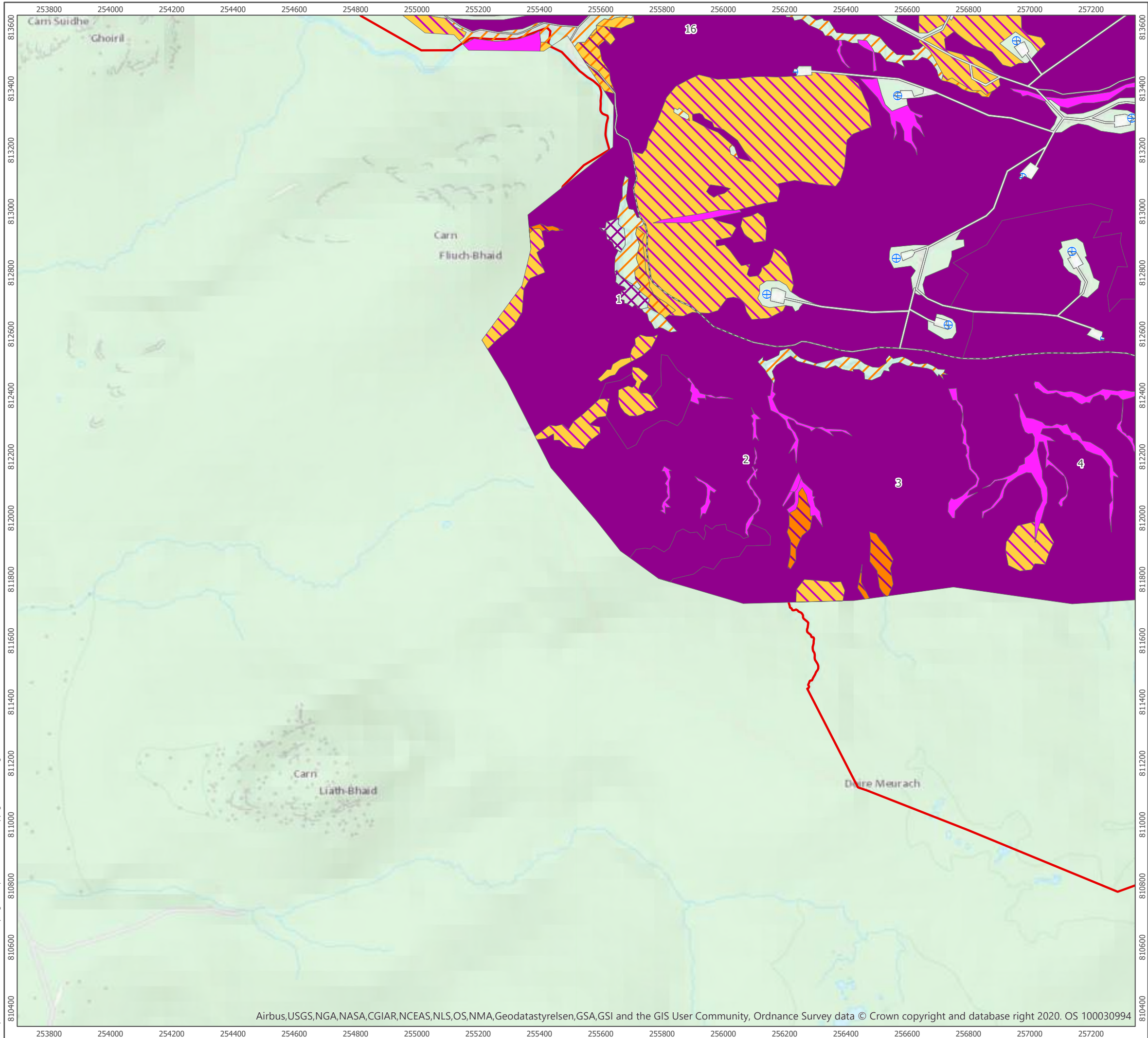


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Checked By: SC	Date: 15/09/2020

Phase 1 and NVC Survey Results Figure 7.2C

Corriegarth 2 Wind Farm EIA Report

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- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Existing Track (Use restricted to construction phase for access to borrow pit only)
- Phase1Habitats**
- Acid Grassland - Unimproved
 - Acid Grassland - semi-improved
 - Bracken - Scattered
 - Broadleaved Parkland/scattered trees
 - Broadleaved woodland - plantation
 - Coniferous woodland - plantation
 - Cultivated/disturbed land - arable
 - Dry Dwarf Shrub Heath - Acid
 - Dry Heath / Acid Grassland Mosaic
 - Flush and Spring - Acid/Neutral Flush
 - Marshy Grassland
 - Other habitat - Including Tracks / Hardstanding
 - Running Water
 - Sphagnum Blanket Bog
 - Standing Water - Oligotrophic
 - Wet Dwarf Shrub Heath
 - Wet Heath / Acid Grassland Mosaic
 - Wet Modified Bog

1:12,000 Scale @ A3

0 300 600 m NORTH

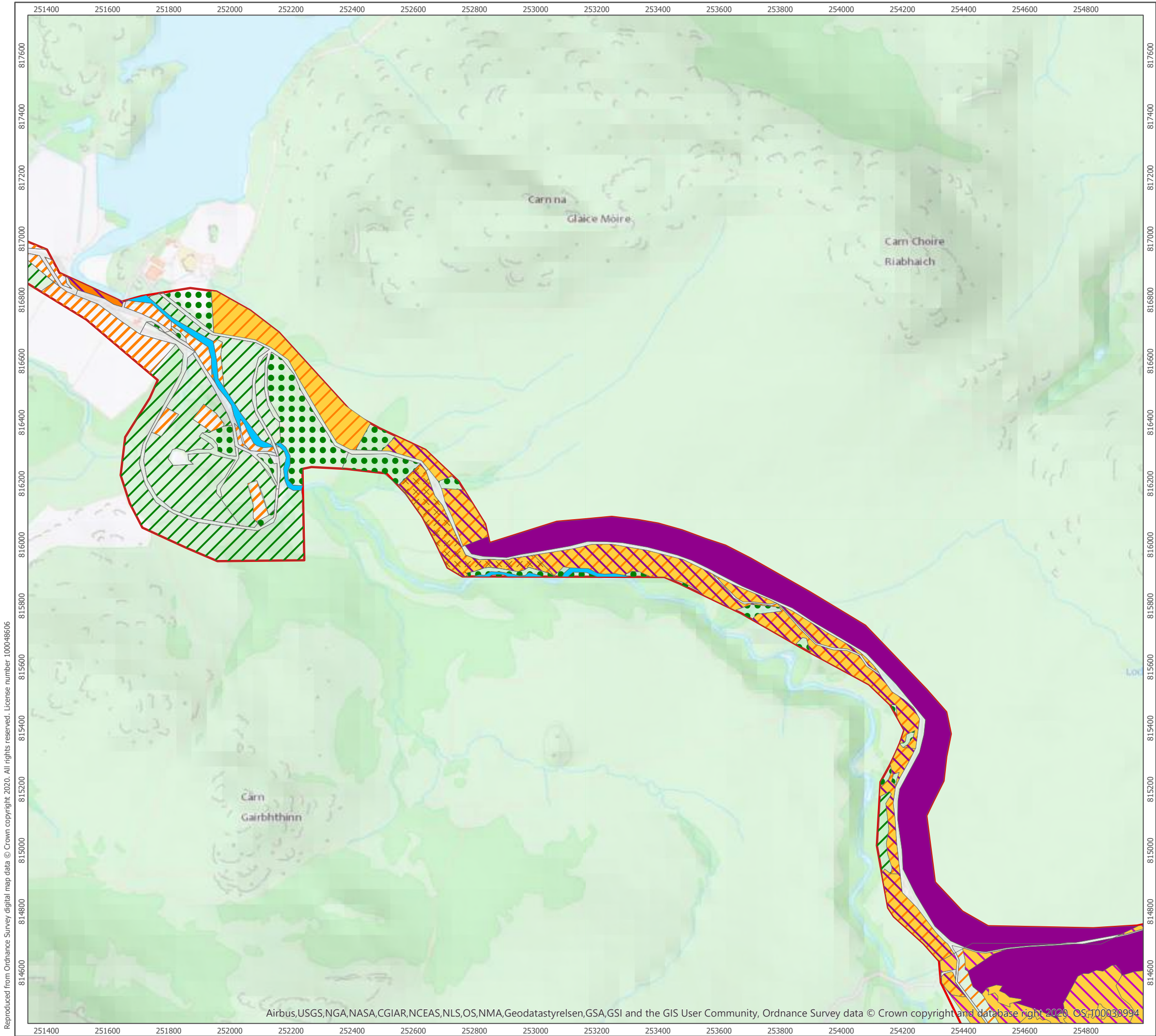
Produced By: LS	Ref: 3369-REP-080
Checked By: SC	Date: 15/09/2020

Phase 1 and NVC Survey Results

Figure 7.2D

Corriegarth 2 Wind Farm

EIA Report





Site Boundary

Phase1Habitats

Acid Grassland - Unimproved

Acid Grassland - semi-improved

Bracken - Scattered

Broadleaved Parkland/scattered trees

Broadleaved woodland - plantation

Coniferous woodland - plantation

Cultivated/disturbed land - arable

Dry Dwarf Shrub Heath - Acid

Dry Heath / Acid Grassland Mosaic

Flush and Spring - Acid/Neutral Flush

Marshy Grassland

Other habitat - Including Tracks / Hardstanding

Running Water

Sphagnum Blanket Bog

Standing Water - Oligiotrophic

Wet Dwarf Shrub Heath

Wet Heath / Acid Grassland Mosaic

Wet Modified Bog

1:12,000 Scale @ A3

0 300 600 m NORTH

Produced By: LS

Ref: 3369-REP-080

Checked By: SC

Date: 15/09/2020

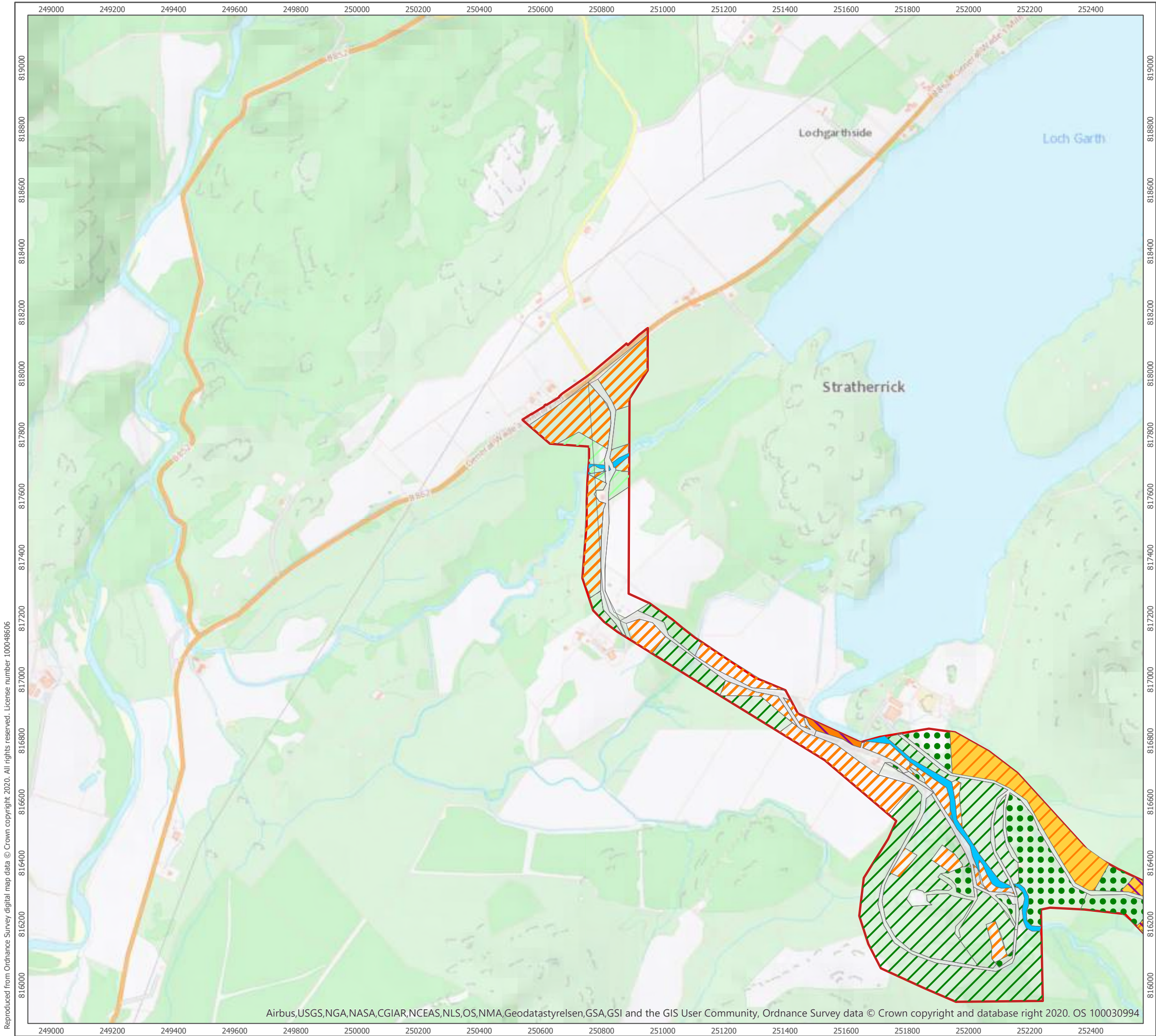
Phase 1 and NVC Survey Results

Figure 7.2E

Corriegarth 2 Wind Farm

EIA Report

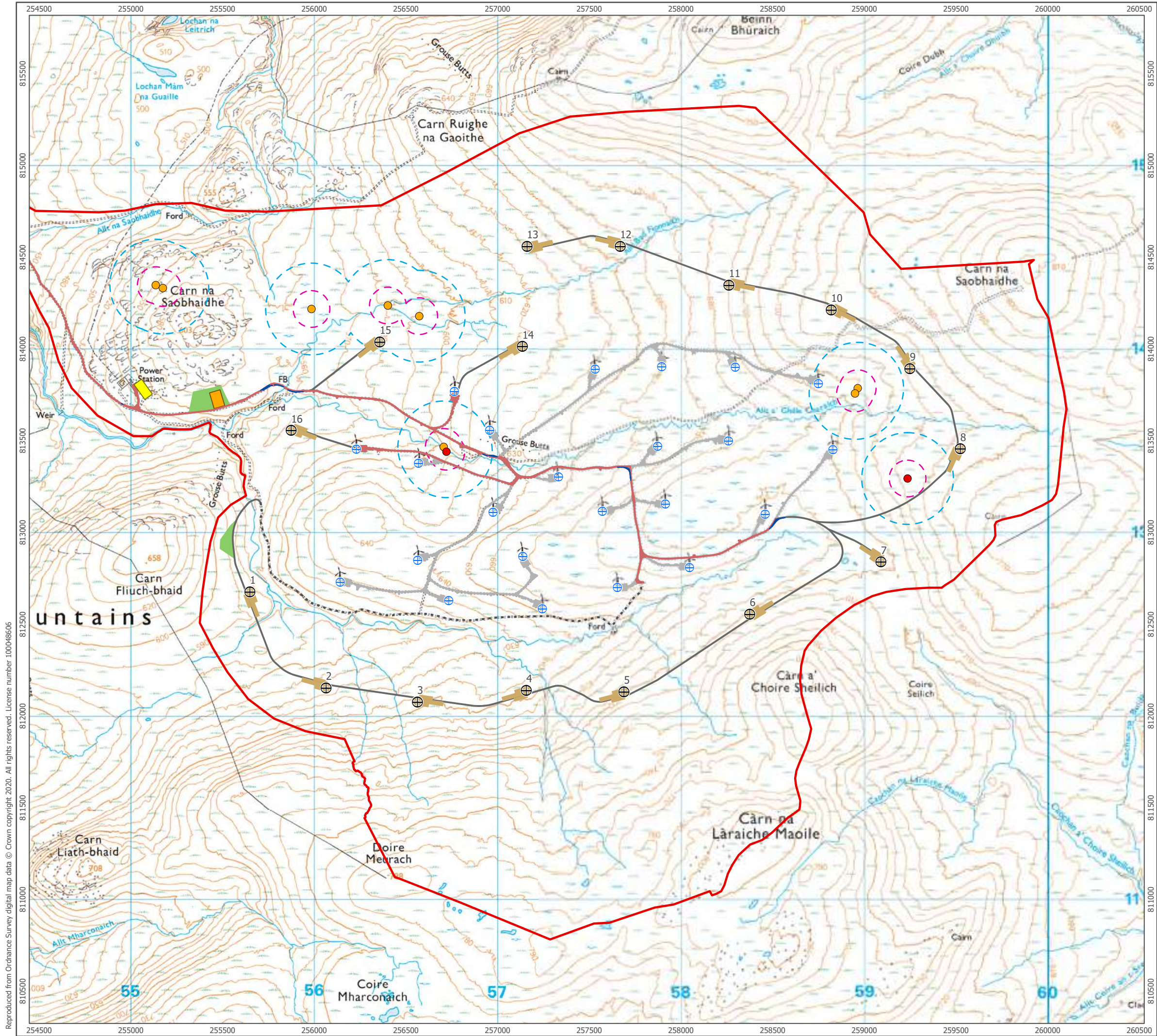
P:\Projects\Ecology\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-080 Fig7.2 Phase 1 NVC Survey Results



Site Boundary

Phase1Habitats

- Acid Grassland - Unimproved
- Acid Grassland - semi-improved
- Bracken - Scattered
- Broadleaved Parkland/scattered trees
- Broadleaved woodland - plantation
- Coniferous woodland - plantation
- Cultivated/disturbed land - arable
- Dry Dwarf Shrub Heath - Acid
- Dry Heath / Acid Grassland Mosaic
- Flush and Spring - Acid/Neutral Flush
- Marshy Grassland
- Other habitat - Including Tracks / Hardstanding
- Running Water
- Sphagnum Blanket Bog
- Standing Water - Oligiotrophic
- Wet Dwarf Shrub Heath
- Wet Heath / Acid Grassland Mosaic
- Wet Modified Bog



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P:\Projects\Ecology\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-078 Fig7.3 Groundwater Dependent Terrestrial Ecosystems

- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Existing Track (Use restricted to construction phase for access to borrow pit only)
- Borrow Pit Extents
- Construction Compound
- Crane Hardstanding
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Proposed Access Tracks
- Substation Compound
- Track Widening Area
- Ground Water Dependent Terrestrial Ecosystem
- High (3 m Dia.)
- Moderate (<3 m)
- 100 m Buffer of GWDTE
- 250 m Buffer of GWDTE

1:20,000 Scale @ A3

0 0.5 1 km

NORTH

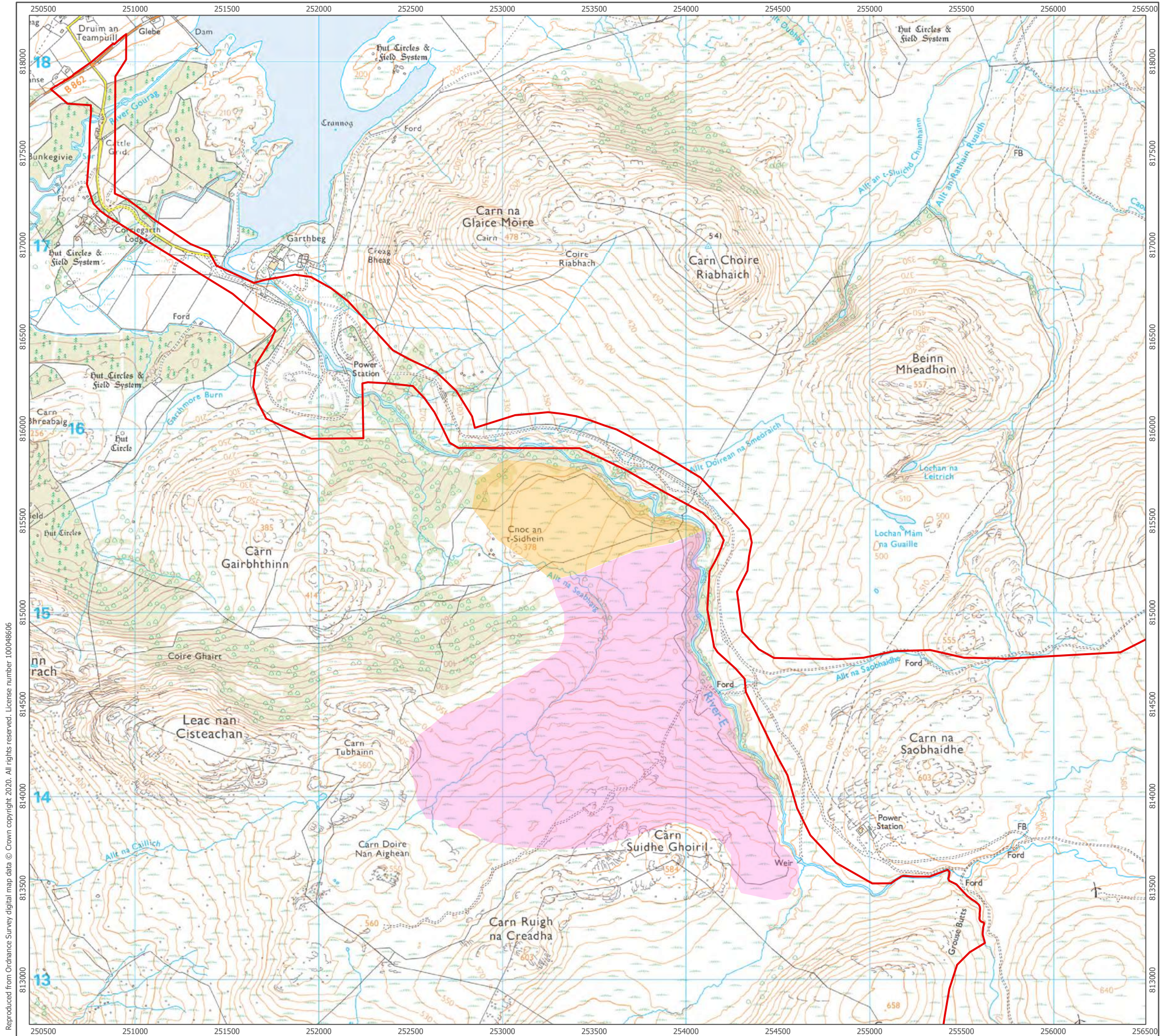
Produced By: HK	Ref: 3369-REP-078
Checked By: SC	Date: 09/09/2020

Groundwater Dependent Terrestrial Ecosystems

Figure 7.3

Corriegarth 2 Wind Farm

EIA Report



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- Site Boundary
- Existing Corriegarth Wind Farm
HMP Area A (To be utilised for
Corriegarth 2 Wind Farm HMP)
- Proposed Corriegarth 2 Wind
Farm Extension to HMP Area

1:20,000 Scale @ A3

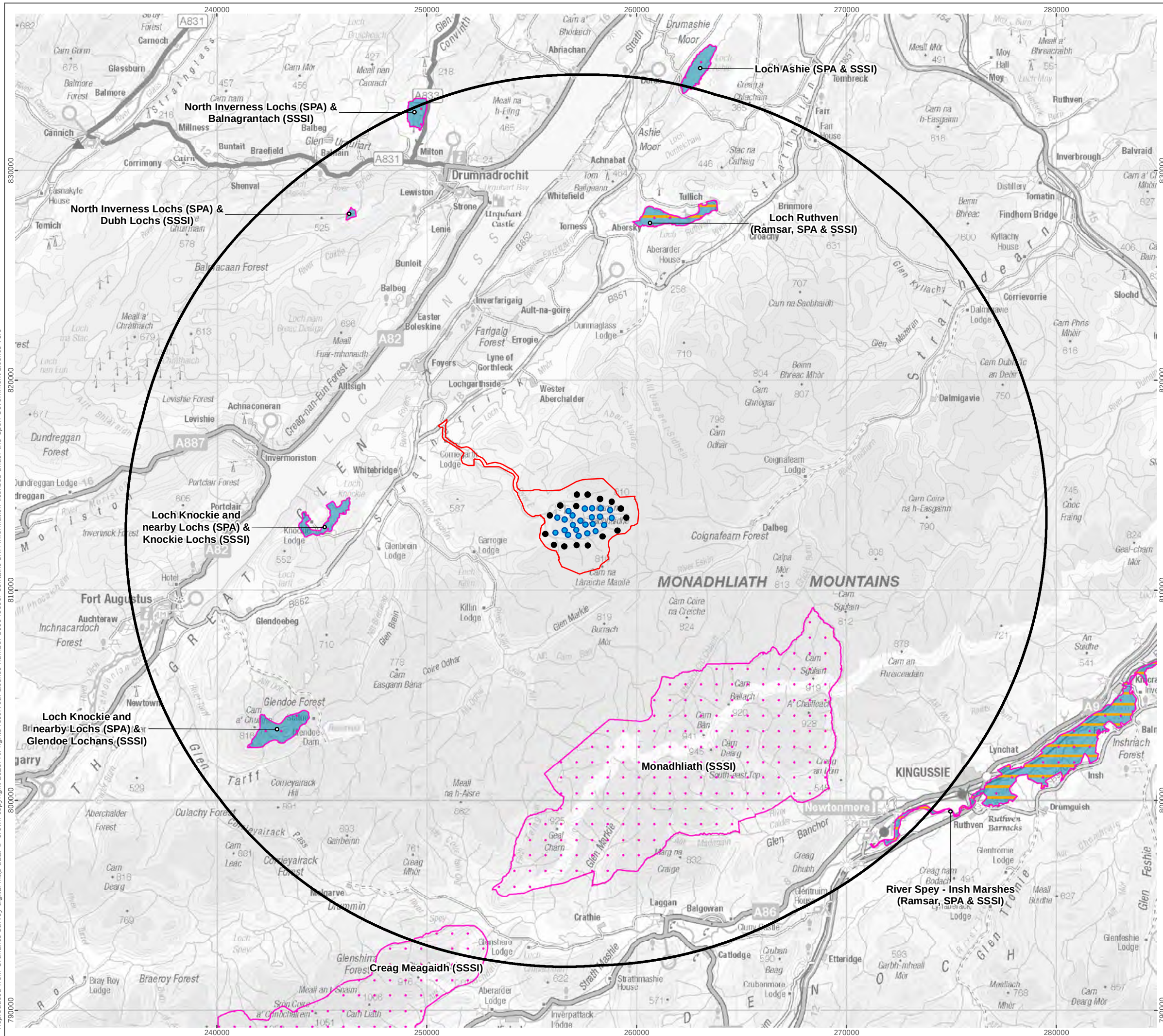
0 0.25 0.5 km

NORTH

Produced By: FC	Ref: 3369-REP-090
Checked By: SC	Date: 19/10/2020

**Area Identified for
Habitat Management Plan (HMP)**
Figure 7.4

**Corriegarth 2 Wind Farm
EIA Report**

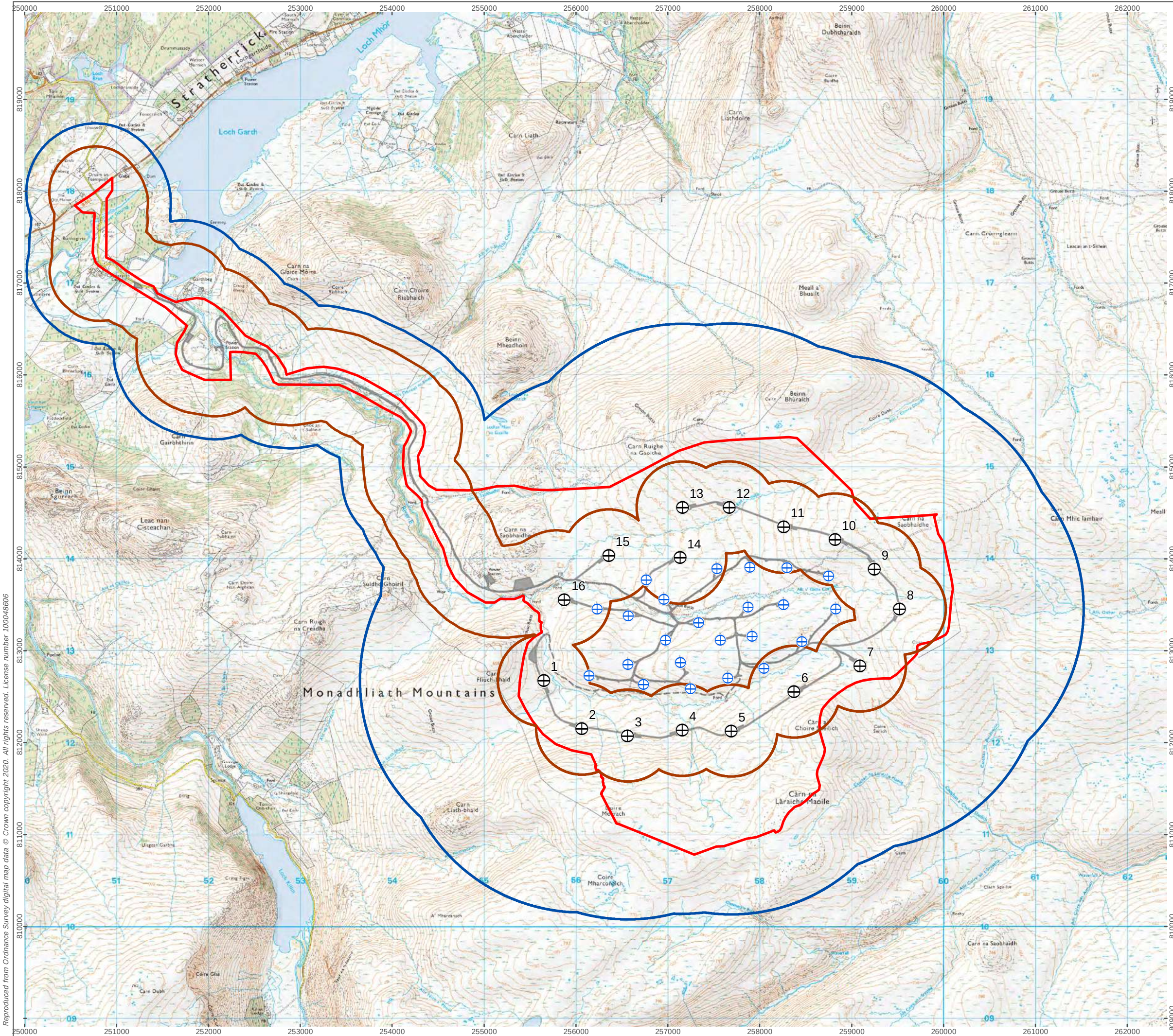


- Site Boundary
- Design Freeze Layout
- Operational Corriegarth Wind Farm Layout
- 20km Distance Band
- Designated Sites
 - Ramsar Site
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)

1:175,000 Scale @ A3	
0 2.5 5 km	
NORTH	
Produced By: LNF	Ref: EIA_O_Fig8.1_DS_20k_COE
Checked By: RD	Date: 14/08/2020

Ornithological Designated Sites
within 20km
Figure 8.1

Corriegarth 2 Wind Farm
EIA Report



Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

Infrastructure

Study Area

Scarce Breeding Birds (2km Turbine Buffer/750m Access Track Buffer)

Breeding Birds (500m)

1:40,000 Scale @ A3

012 km

NORTH

Produced By: LNF

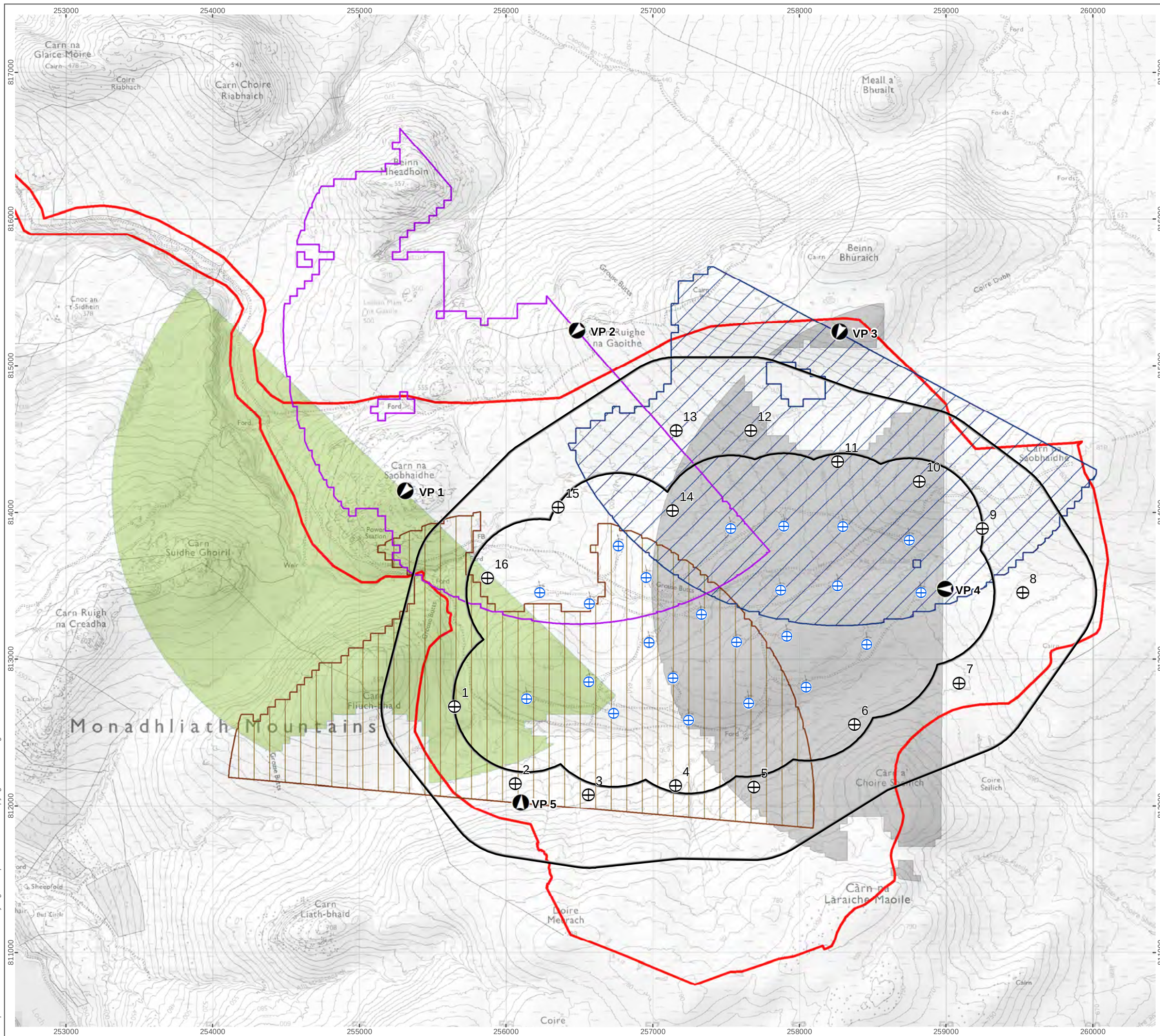
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Checked By: RD

Date: 14/08/2020

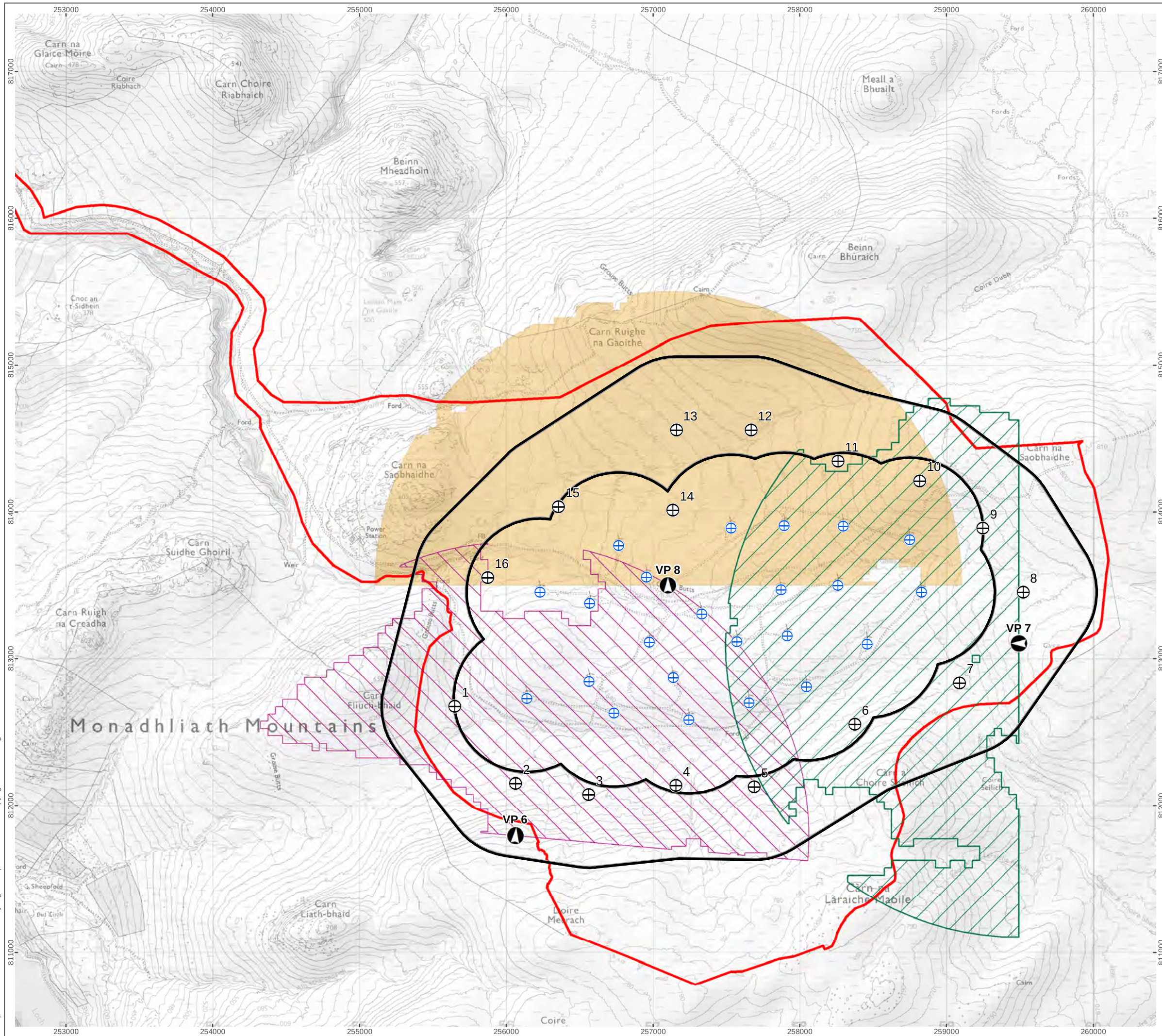
Site Boundary and Study Areas
Figure 8.2Corriegarth 2 Wind Farm
EIA Report

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- Site Boundary
- Design Freeze Layout
- Operational Corriegarth Wind Farm Layout
- Collision Risk Analysis Area (CRAA)
- Vantage Points and Viewsheds
 - Vantage Point (VP)
 - Area Visible from VP 1
 - Area Visible from VP 2
 - Area Visible from VP 3
 - Area Visible from VP 4
 - Area Visible from VP 5

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- Site Boundary
- Design Freeze Layout
- Operational Corriegarth Wind Farm Layout
- Collision Risk Analysis Area (CRAA)
- Vantage Points and Viewsheds
 - Vantage Point
 - Area Visible from VP
 - Area Visible from VP
 - Area Visible from VP

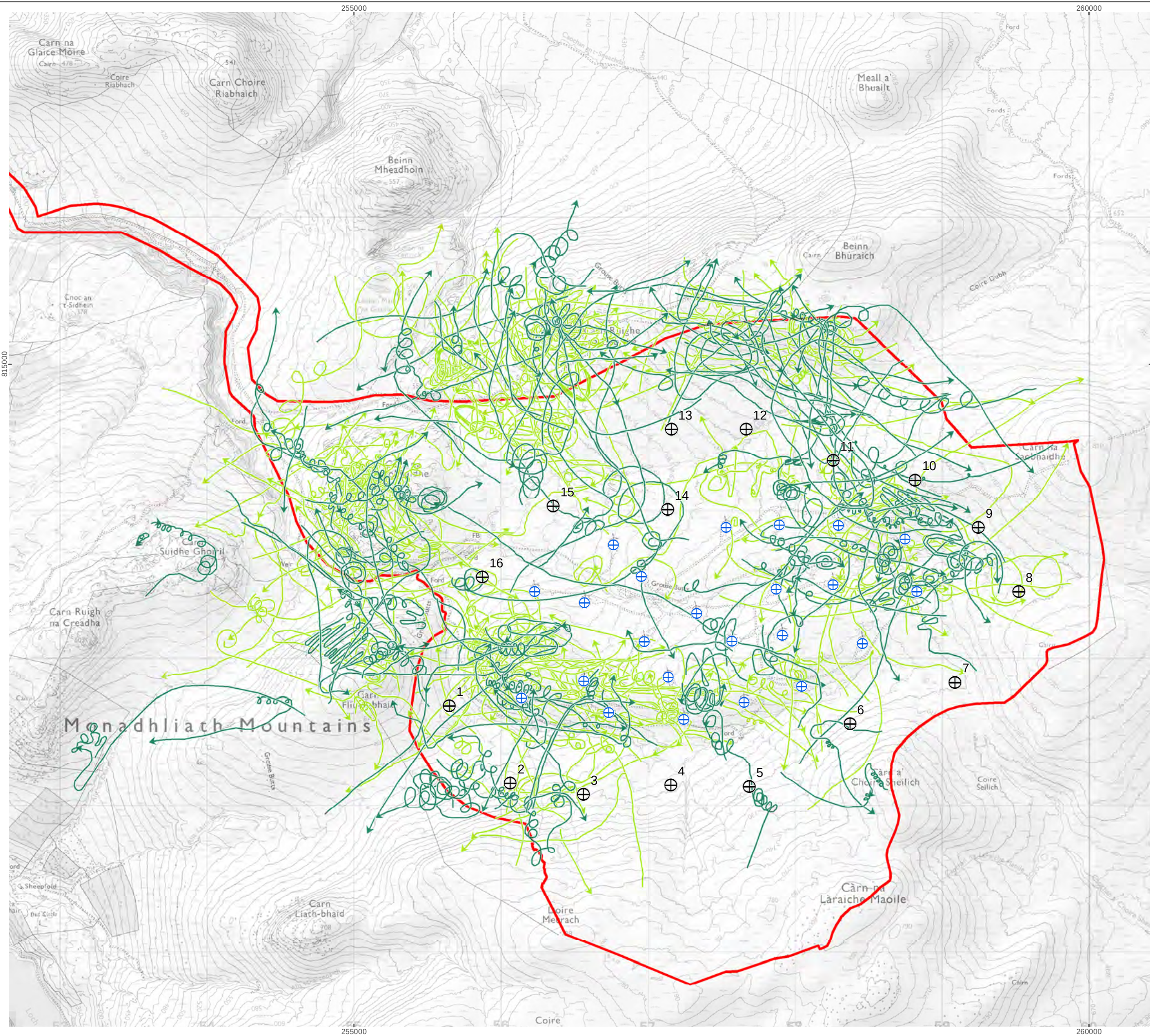
1:25,000 Scale @ A3
0 0.5 1 km
NORTH

Produced By: LNF	Ref: EIA_O_Fig8.4_VPVS_BL_COE
Checked By: RD	Date: 17/08/2020

Vantage Points and Viewsheds:
Baseline 2019
Figure 8.4

Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

Red Kite Flight Activity:
Operational Monitoring

→

Breeding Season

→

Non-breeding Season

1:25,000 Scale @ A3

0

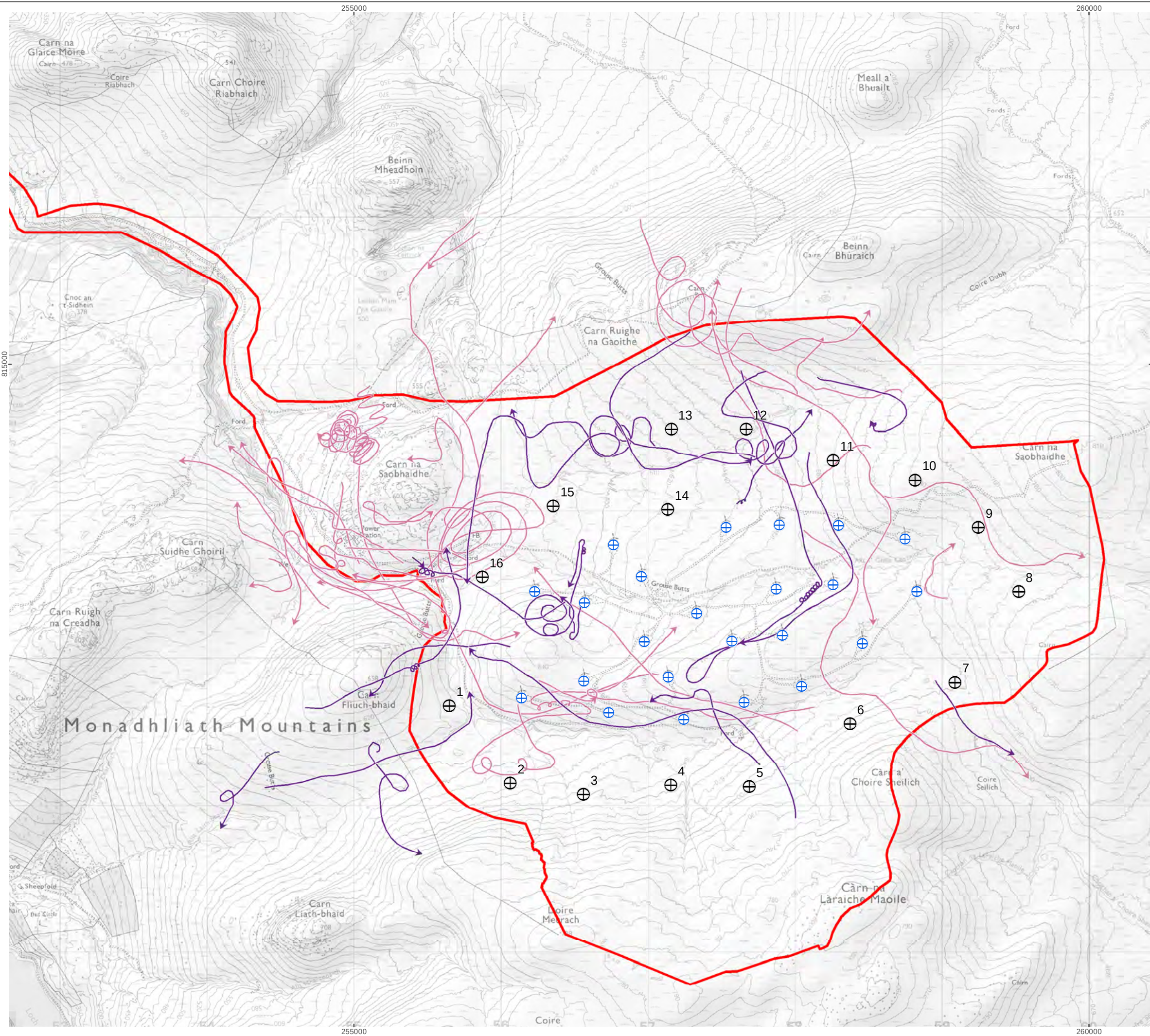
0.5

1 km

NORTH

Flight Activity: Operational
Monitoring 2015-18 - Red Kite
Figure 8.5Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

Red Kite Flight Activity:
2019-20

→

Breeding Season

→

Non-breeding Season

1:25,000 Scale @ A3

0

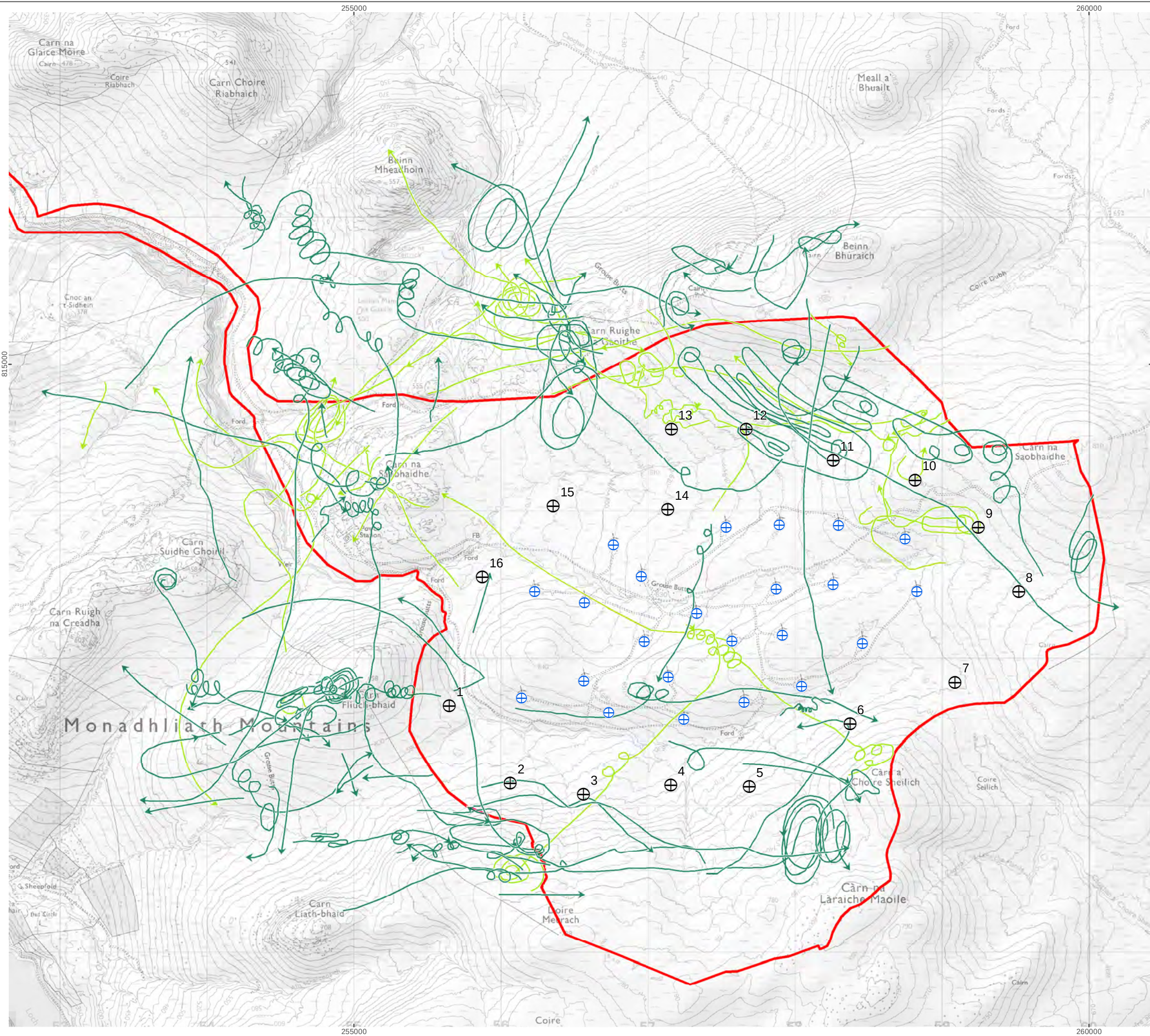
0.5

1 km

NORTH

Flight Activity: 2019-20
Red Kite
Figure 8.6Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

Golden Eagle Flight Activity:
Operational Monitoring

→

Breeding Season

→

Non-breeding Season

1:25,000 Scale @ A3

0

0.5

1 km

NORTH

Produced By: LNF

Ref: EIA_O_Fig8.7_EA_Op_COE

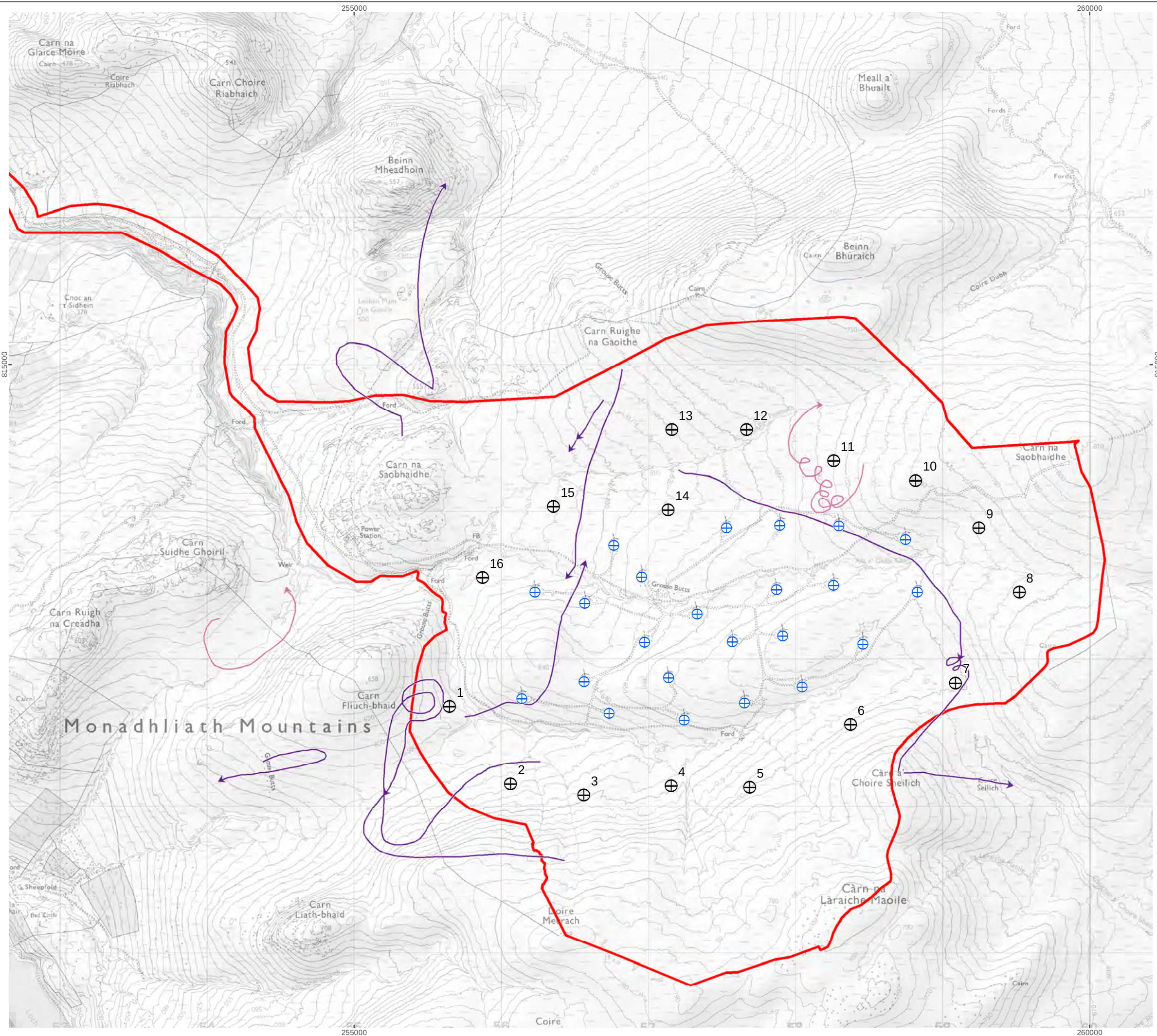
Checked By: RD

Date: 14/08/2020

Flight Activity: Operational
Monitoring 2015-18 - Golden Eagle
Figure 8.7

Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

Golden Eagle Flight Activity:
2019-20

→

Breeding Season

→

Non-breeding Season

1:25,000

Scale @ A3

0

0.5

1 km

▲

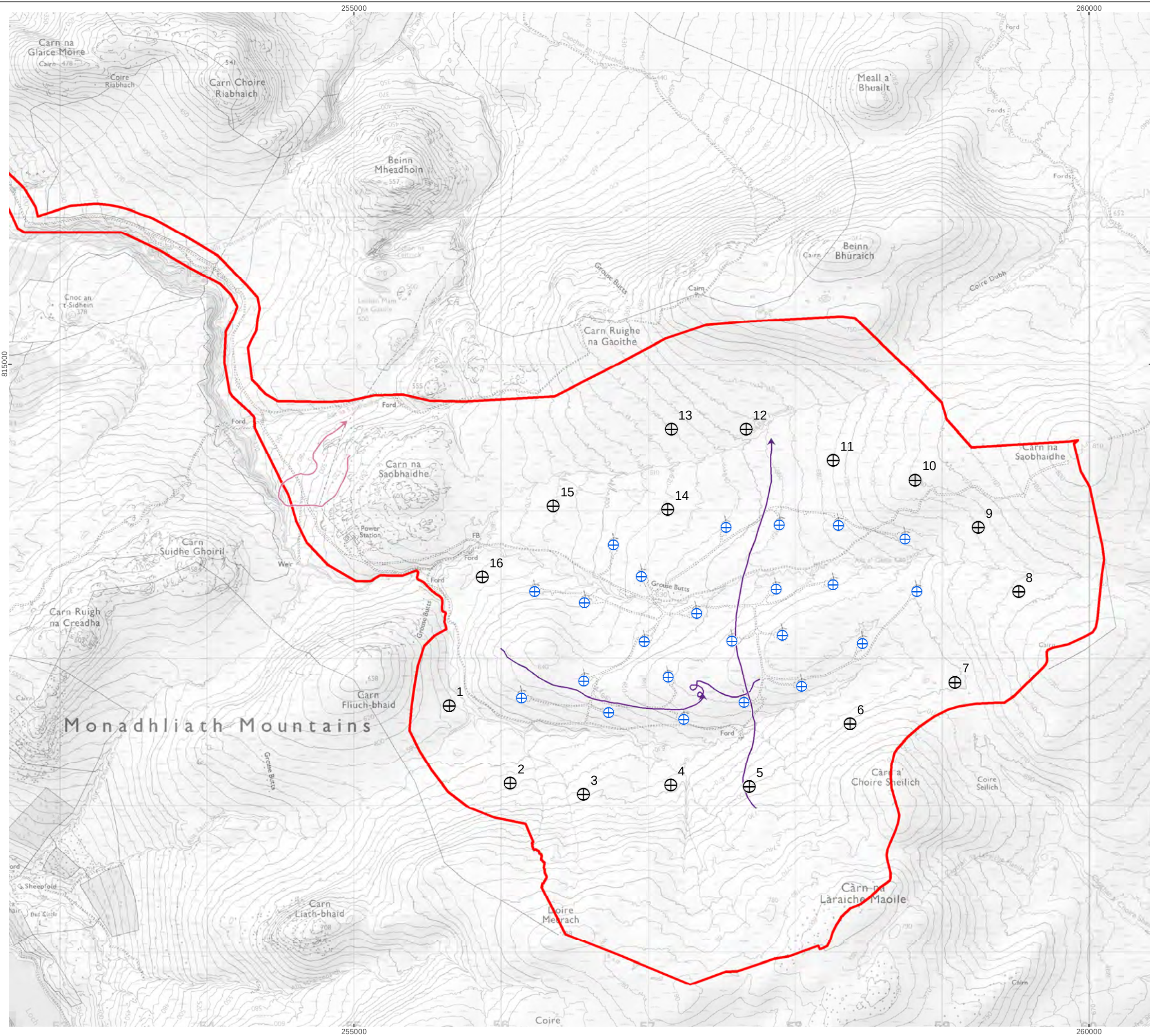
NORTH

Produced By: LNF	Ref: EIA_O_Fig8.8_EA_BL_COE
Checked By: RD	Date: 14/08/2020

Flight Activity: 2019-20
Golden Eagle
Figure 8.8

Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

⊕

Design Freeze Layout

⊕

Operational Corriegarth Wind Farm Layout

White-tailed Eagle Flight Activity: 2019-20

→

Breeding Season

→

Non-breeding Season

1:25,000

Scale @ A3

0

0.5

1 km

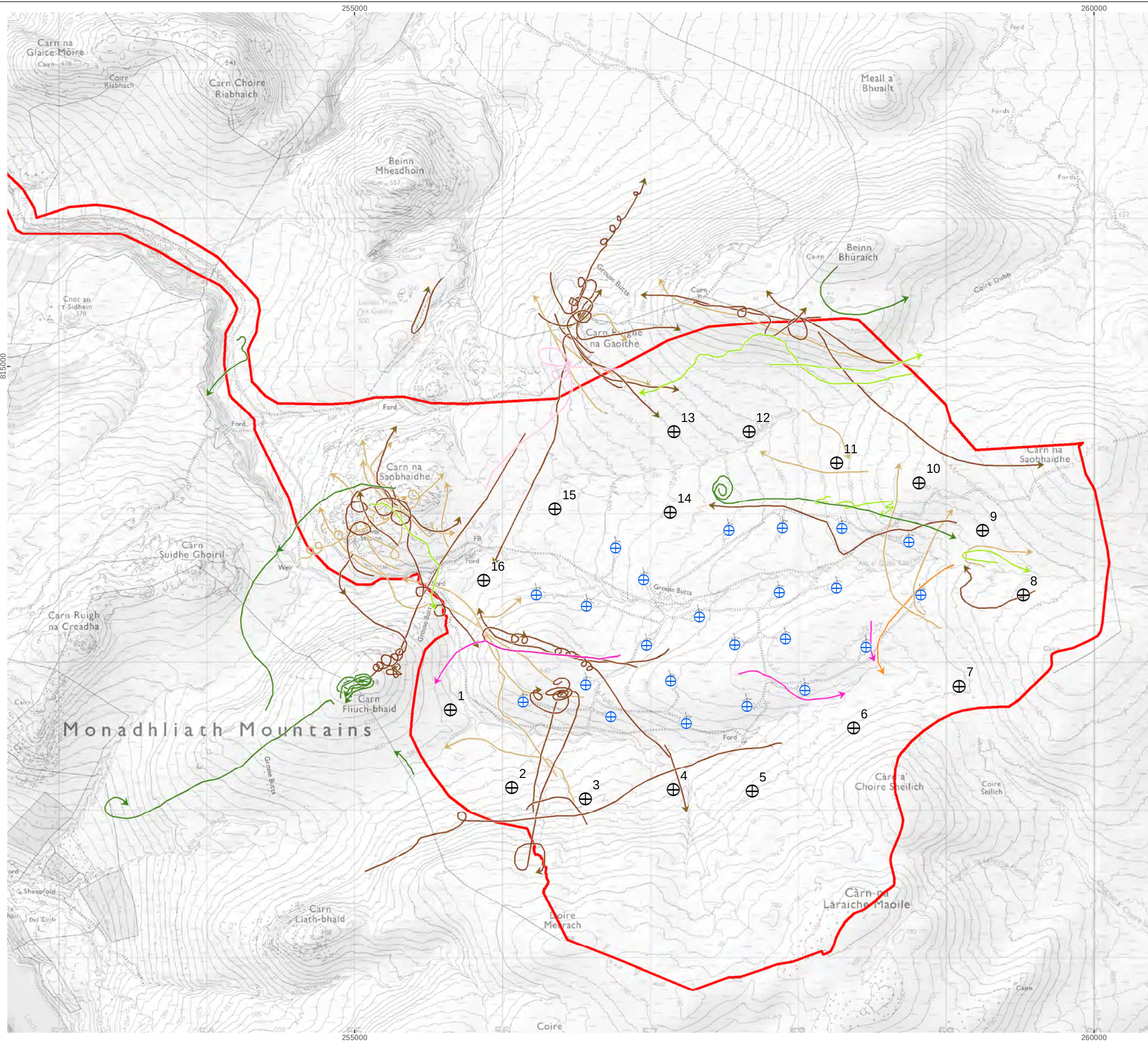
▲

NORTH

Produced By: LNF	Ref: EIA_O_Fig8.10_WE_BL_COE
Checked By: RD	Date: 17/08/2020

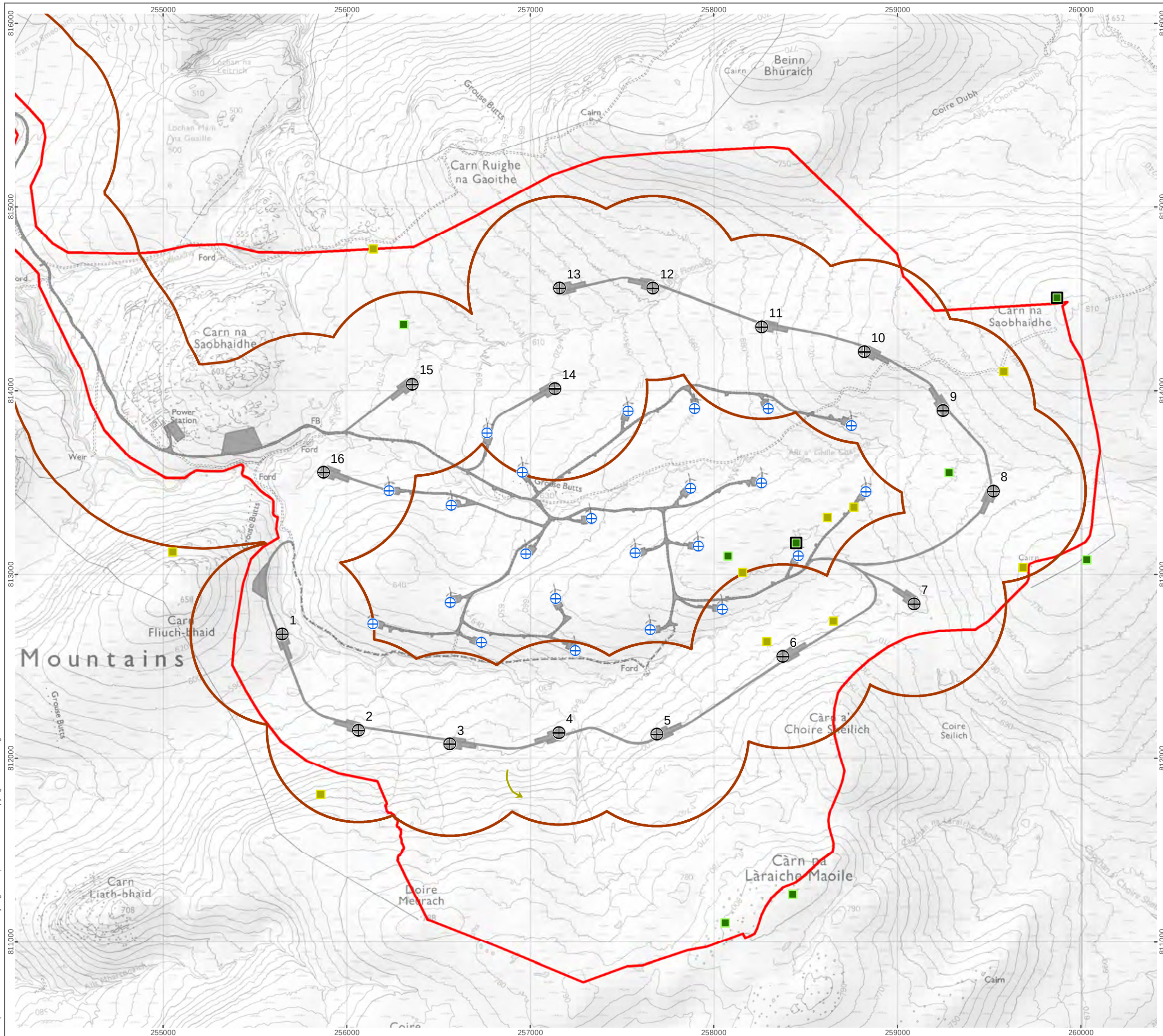
Flight Activity: 2019-20
White-tailed Eagle
Figure 8.10

Corriegarth 2 Wind Farm
EIA Report



- Site Boundary
- ⊕ Design Freeze Layout
- ⊕ Operational Corriegarth Wind Farm Layout
- Hen Harrier Flight Activity: Operational Monitoring
- Breeding Season
- Non-breeding Season
- Merlin Flight Activity: Operational Monitoring
- Breeding Season
- Non-breeding Season
- Peregrine Falcon Flight Activity: Operational Monitoring
- Breeding Season
- Non-breeding Season
- Short-eared Owl Flight Activity: Operational Monitoring
- Breeding Season

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- Site Boundary
- Design Freeze Layout
- Operational Corriegarth Wind Farm Layout
- Infrastructure
- Study Area
- Breeding Birds (500m)
- Breeding Wader Activity: 2019
- Flight Activity
- Golden Plover
- Observation
- Confirmed Breeding
- Dunlin
- Golden Plover

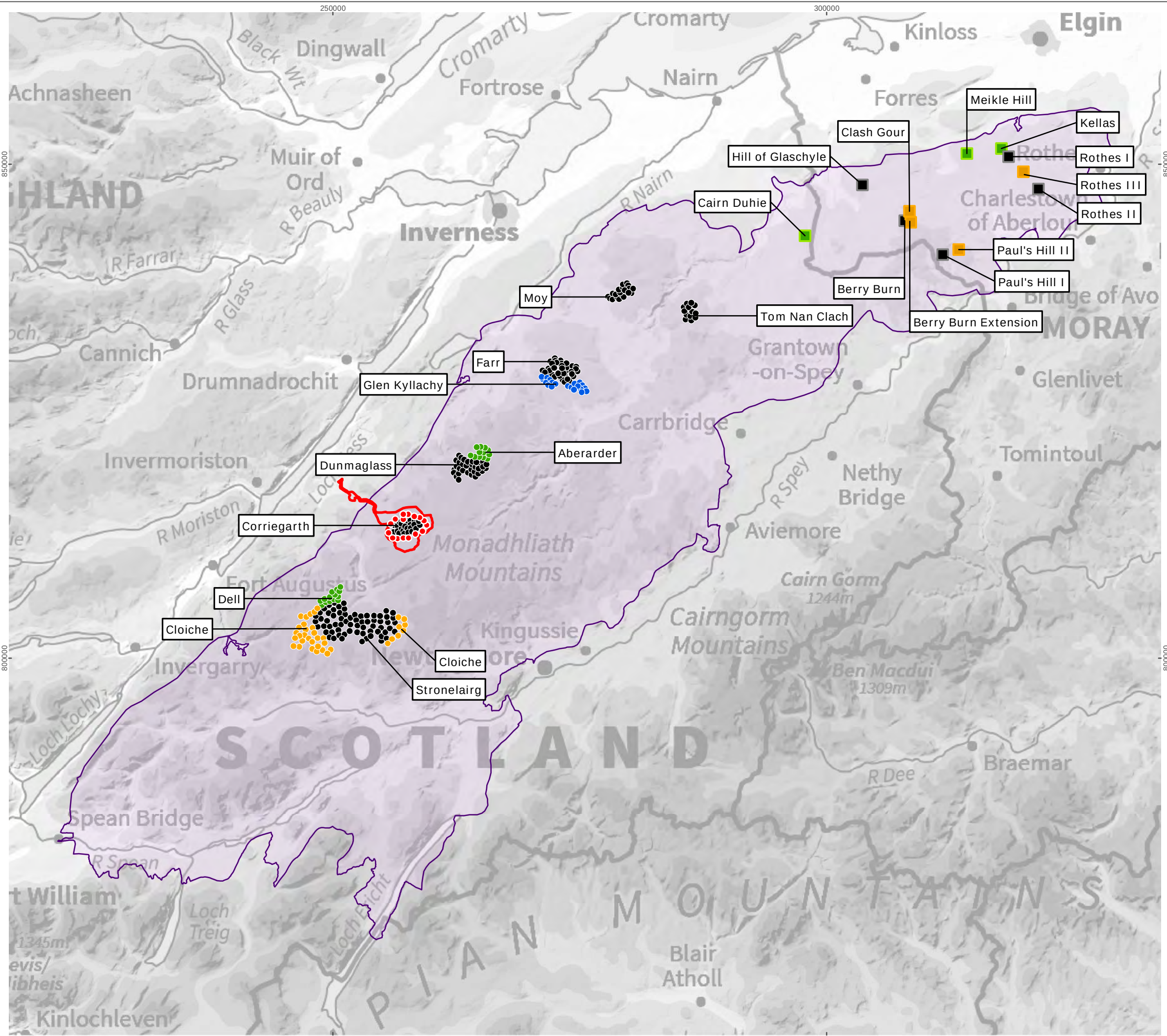
1:20,000 Scale @ A3
0 0.5 1 km NORTH

Produced By: LNF	Ref: EIA_O_Fig8.13_BWA_COE
Checked By: RD	Date: 19/08/2020

Breeding Wader Activity
2019
Figure 8.13

Corriegarth 2 Wind Farm
EIA Report

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Site Boundary

Design Freeze Layout

Natural Heritage Zone

Central Highlands (Zone 10)

Cumulative Wind Farms:
Layouts by Status

Operational

Under Construction

Consented

Application

Cumulative Wind Farms: Site
Centre Points by Status

Operational

Consented

Application

1:375,000 Scale @ A3

0

5

10 km

NORTH

Produced By: LNF

Ref: EIA_O_Fig8.14_CIA_NHZ_COE

Checked By: RD

Date: 05/10/2020

Cumulative Impact Assessment:
Natural Heritage Zone 10
Figure 8.14

Corriegarth 2 Wind Farm
EIA Report