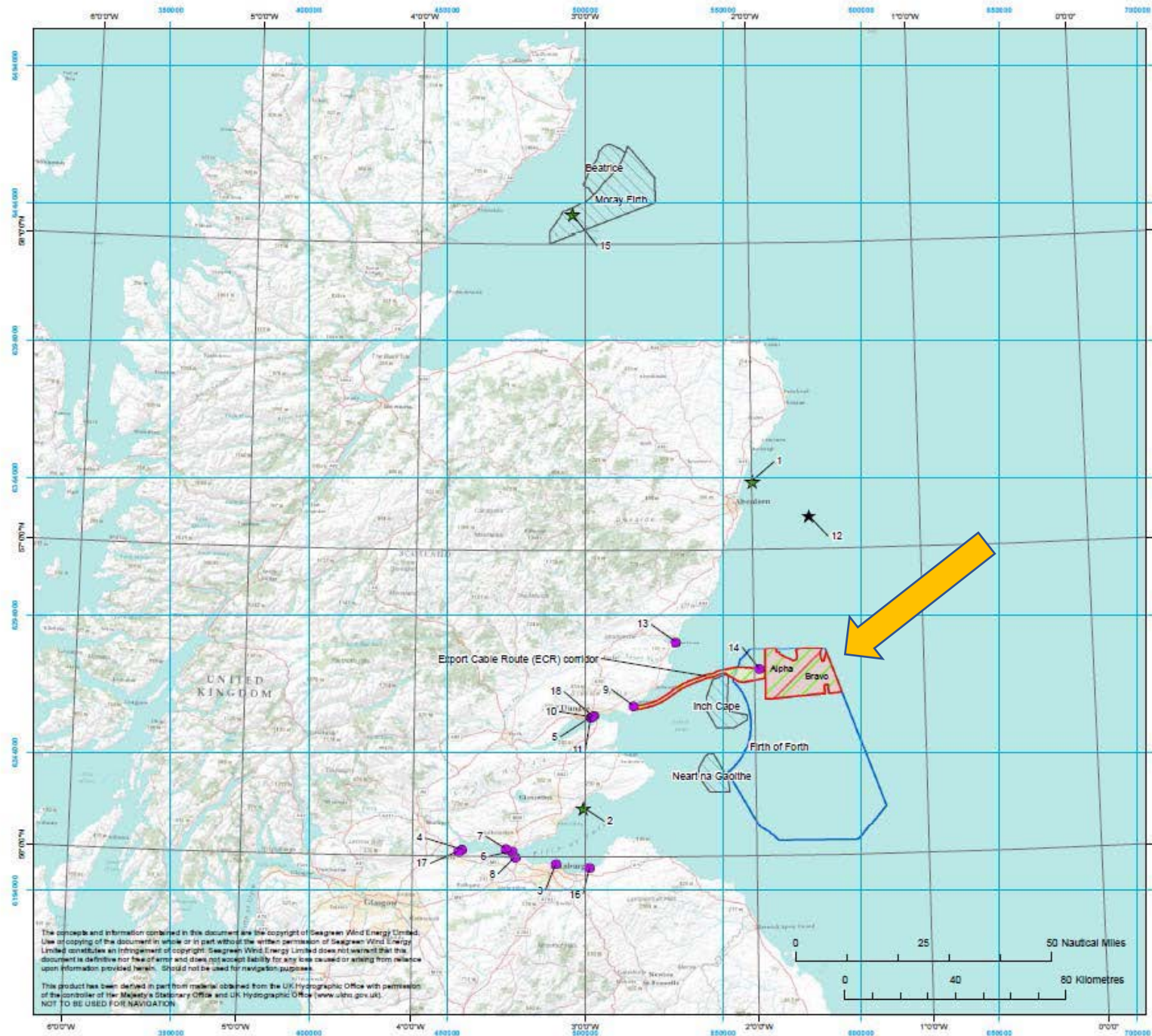


Item 4

Planning application: 20/00692/FULN

Formation of underground electricity transmission cables and associated temporary and permanent ancillary works to service the Seagreen Phase 1 Offshore Wind Farms (route realignment)

Balhungie, Monifieth



Legend

- Wind Farm Project Boundary
- Export Cable Route (ECR) corridor
- Transmission Asset Project
- Firth of Forth Round 3 Zone 2
- Proposed Cumulative Wind Farm

Key Development Sites (see table below for reference)

- Wind Turbine Demonstrator Site
- Proposed Floating Wind Farm
- Non-Wind Farm Cumulative Development

Reference	Name
1	European Offshore Wind Deployment Centre
2	Marlin Offshore Demonstration Wind Turbine
3	Edinburgh Harbour Renewable
4	Strathclyde Renewable Energy Plant
5	Glasgow Renewable Energy Plant
6	North Clyde Renewable Energy Plant
7	North Clyde Renewable Energy Plant
8	North Clyde Renewable Energy Plant
9	North Clyde Renewable Energy Plant
10	North Clyde Renewable Energy Plant
11	North Clyde Renewable Energy Plant
12	North Clyde Renewable Energy Plant
13	North Clyde Renewable Energy Plant
14	North Clyde Renewable Energy Plant
15	North Clyde Renewable Energy Plant
16	North Clyde Renewable Energy Plant
17	North Clyde Renewable Energy Plant
18	North Clyde Renewable Energy Plant

Coordinate System

UTM Zone 30 North (WGS84)
 Projection: Transverse Mercator
 Central Meridian: -2° East
 Scale Factor: 0.9996
 Latitude of Origin: 0° North
 False Easting: 500000.0
 False Northing: 0.0
 Reference Spheroid: WGS84
 Semi-major Axis: 6378137.0
 Inverse Flattening: 298.2572236



Title

Firth of Forth Offshore Wind Farm



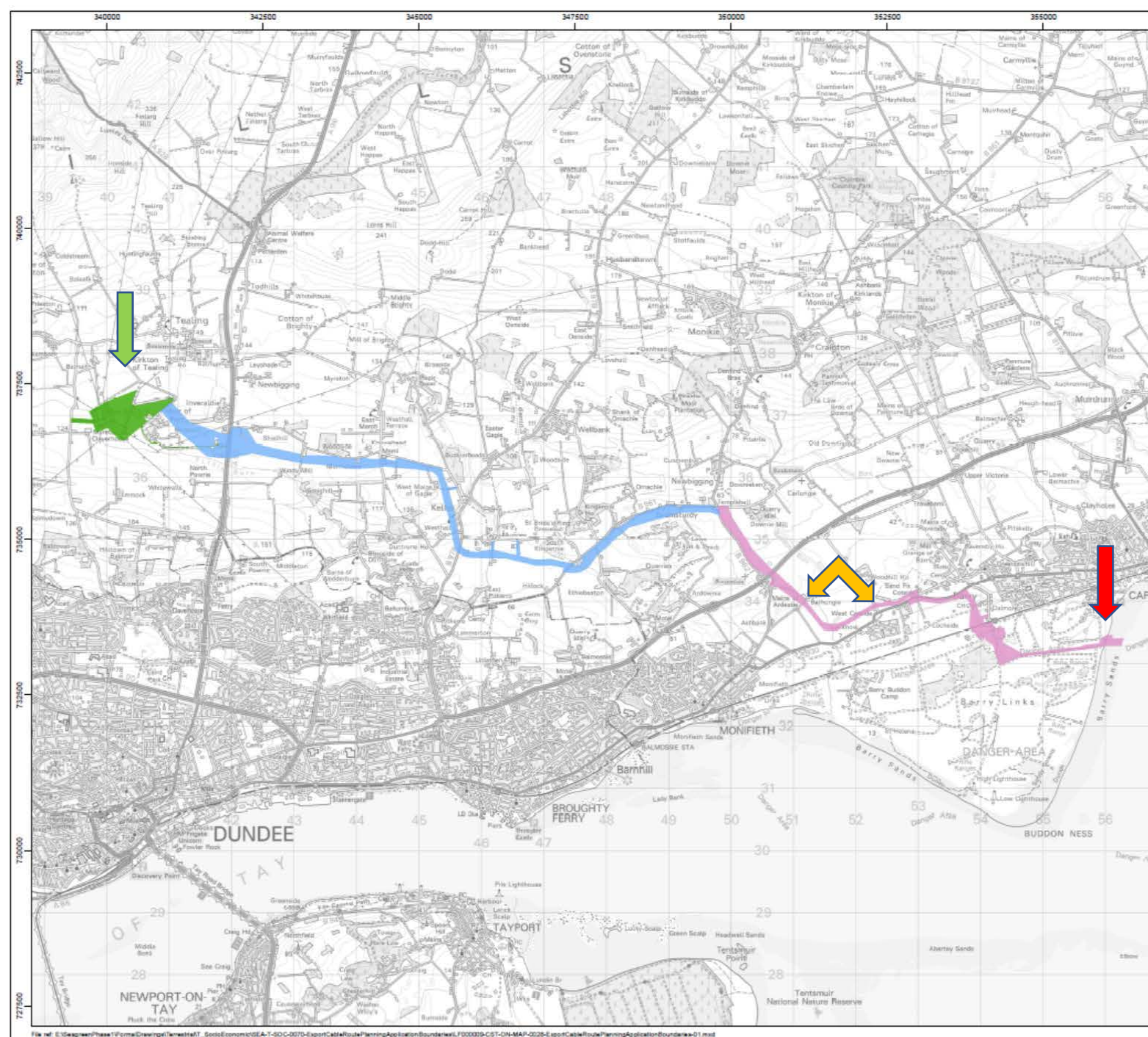
Figure / Drawing Title

PROJECTS INCLUDED IN CUMULATIVE IMPACT ASSESSMENTS

Figure/Drawing Number: FIGURE 6.1

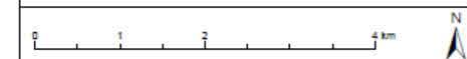
UNLESS THE REVISION IS B OR HIGHER THE DRAWING IS NOT TO BE USED FOR DESIGN OR CONSTRUCTION

REV	DATE	DESCRIPTION	BY	CHKD	APPR	ENG
B1	15 OCT 12	FOR FORMAL SUBMISSION	DT	RW	EB	AS



Legend

- Cable Route (Zone 1) AMSC Site Boundary
- Cable Route (Zone 2) AMSC Site Boundary
- Substation AMSC Site Boundary



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Project Name
SEAGREEN OFFSHORE WIND FARM

Drawing Title
**EXPORT CABLE ROUTE
PLANNING APPLICATION BOUNDARIES**

Rev	Date	Details	Status	Drawn	Rev	Check	Appd
R1	19/01/20	First Issue	APPROVED FOR USE	CS	MN		
R2	-	-	-	-	-	-	-
R3	-	-	-	-	-	-	-
R4	-	-	-	-	-	-	-

Drawing Number
LF000009-CST-ON-MAP-0028

Scale
1:60,000

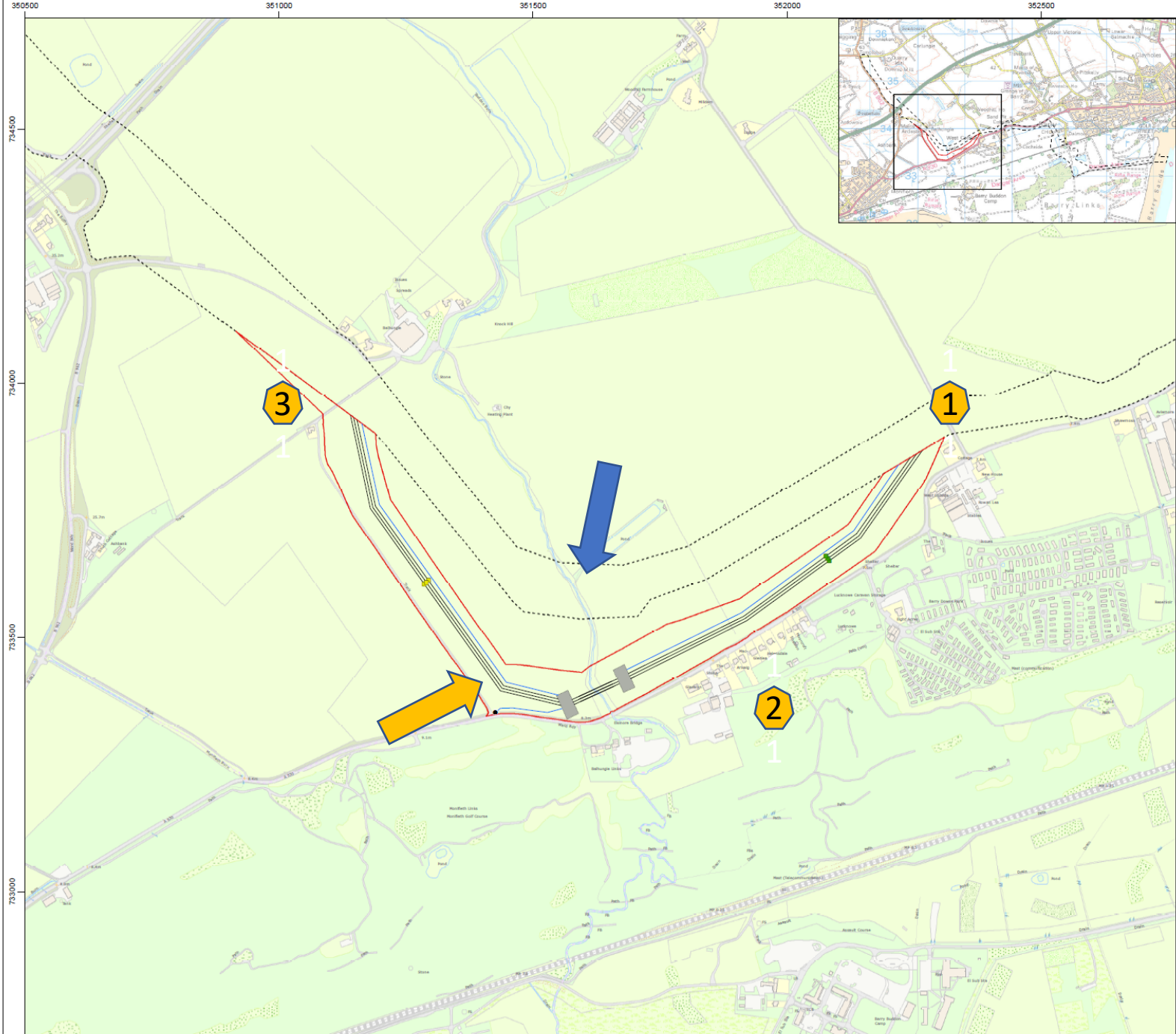
Plot Size
A3

Datum
OSGB36

Projection
BNG

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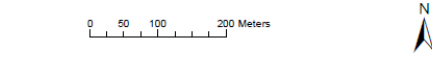


Legend

- Proposed Application Site
- Consented Cable Route Site Boundary
- Access Point
- Cable Duct
- Joint Bay (Indicative)
- Pulling Pit (Indicative)
- HDD Launch & Reception Pits
- Temporary Access Road, New

Notes

- Pulling Pits. A pulling pit is a temporary excavation required during the cable pulling process on each circuit. The location of pulling pits are indicative only and subject to changes based on detailed cable pulling calculations. An example pulling pit detail for an individual circuit is shown in drawing 858_1113_6001_001.
- Joint Bays. Joint bays are shown indicatively. An example joint bay detail for all three circuits is shown in drawing 858_1110_6005_001. Permanent above ground features include link box lids (all land) and fencing (agricultural land).
- Cable marker poles or blocks are not shown but are above ground permanent infrastructure. Cable marker poles/blocks are required at land boundaries, change in cable directions and based on line of sight. Exact locations TBC.
- Temporary roads shall have a maximum width of 5m. Additional widening may be necessary at bends and turning locations. Existing roads may require upgrade or temporary widening to facilitate the works.
- As the cable route is installed, excavated material will be stored temporarily parallel to the cable route as shown in drawing 858_1110_6002_001.
- Buddon Burn HDD crossing. The detailed design of this crossing is shown on drawing 858_1360_6013_001.



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Project Name
SEAGREEN OFFSHORE WIND FARM

Drawing Title
**BALHUNCIE FARM
PROPOSED CABLE ROUTE DIVERSION**

Rev	Date	Details	Status	Drwn	Rqst	Chkd	Appd
R1	22/09/20	First Issue	APPROVED FOR USE	JC	MF	rc	rc
R2	-	-	-	-	-	-	-
R3	-	-	-	-	-	-	-
R4	-	-	-	-	-	-	-

Drawing Number
LF000009-CST-ON-LIC-MAP-0015

Scale	Plot Size	Datum	Projection
1:7,500	A3	OSGB36	BNG

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A

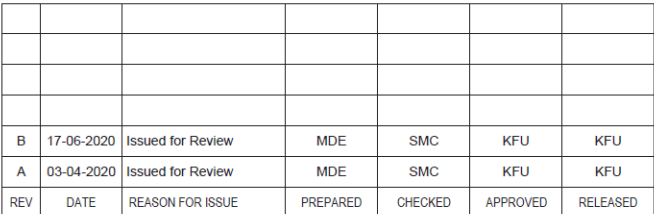
B

C

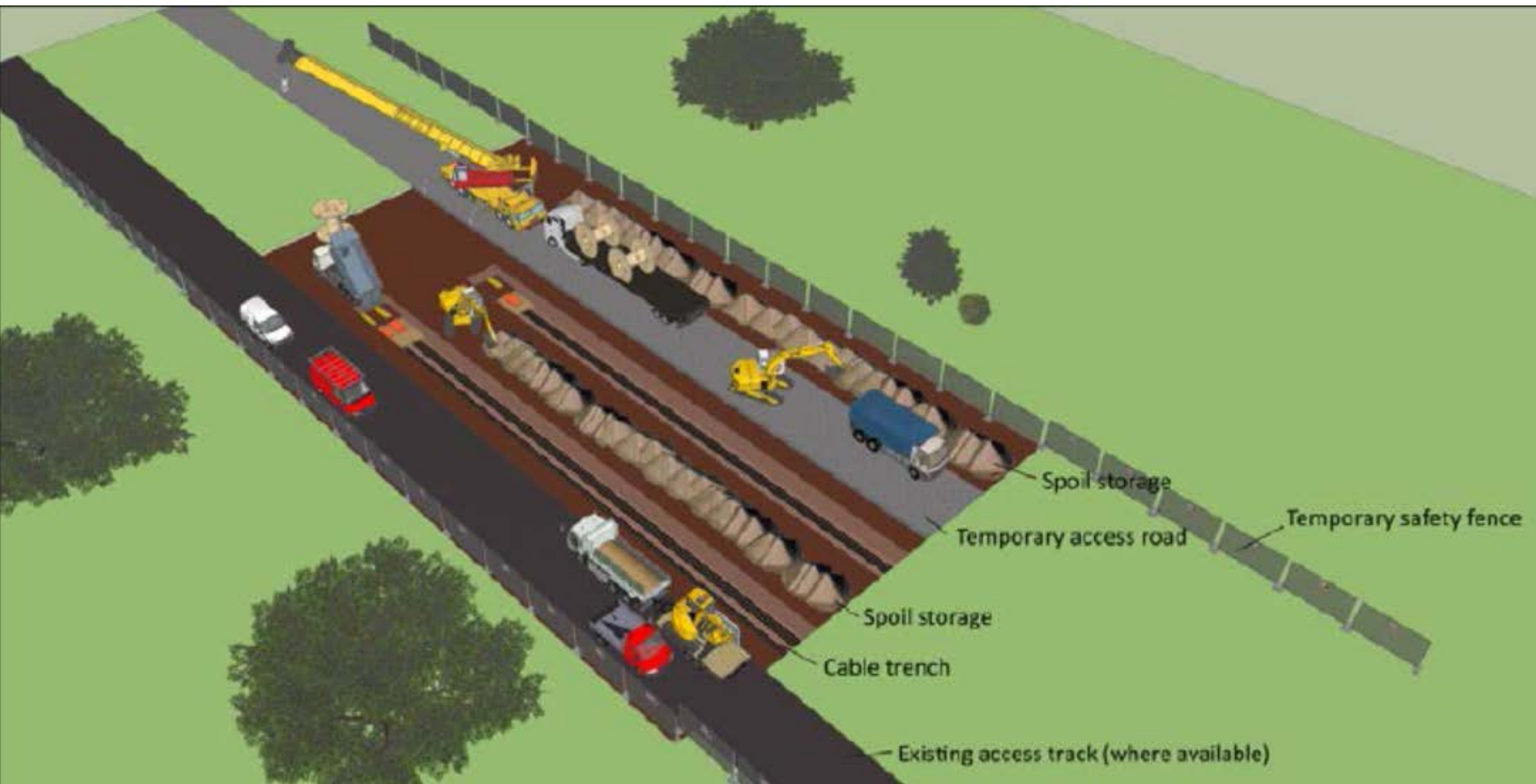
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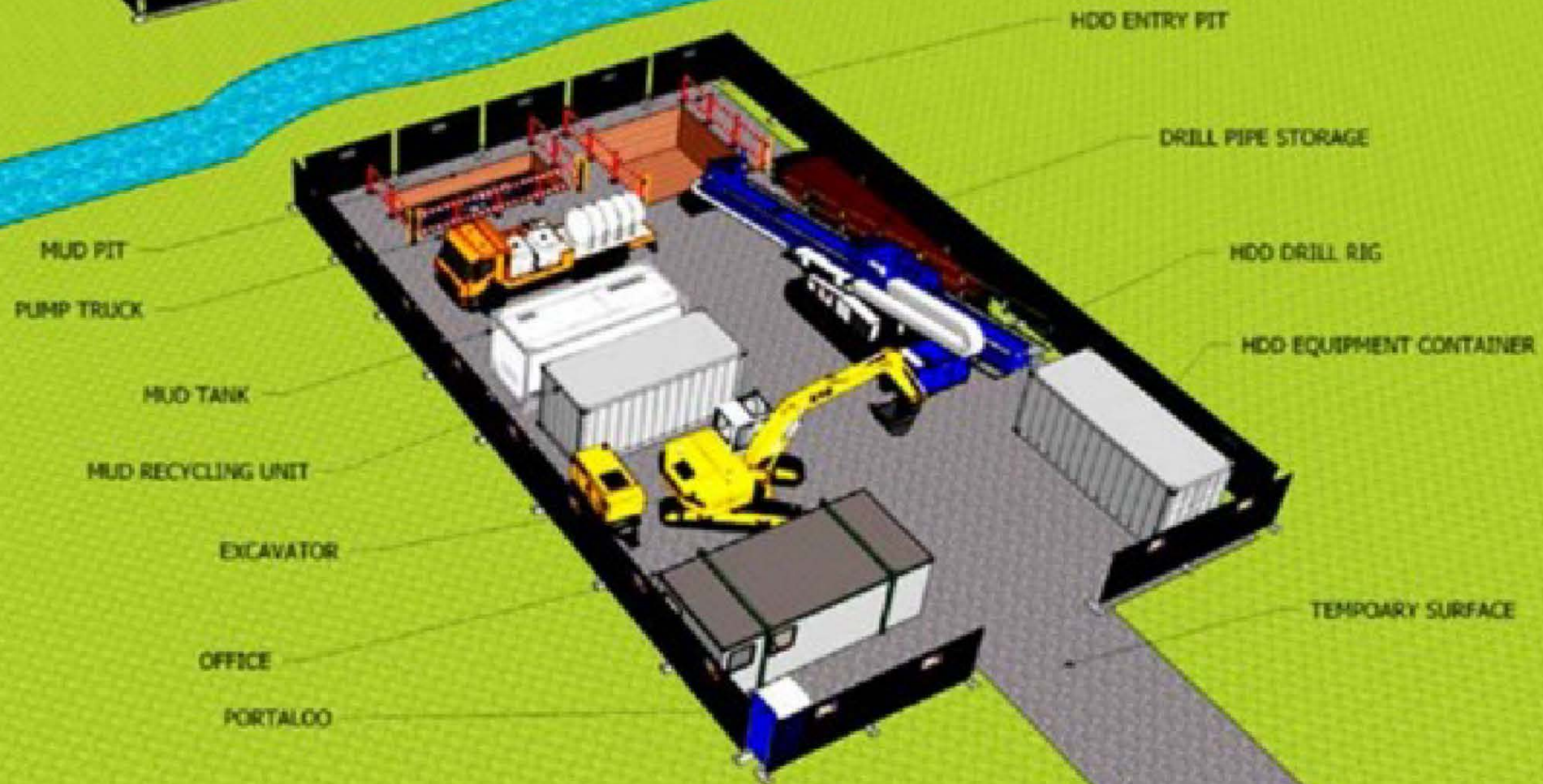
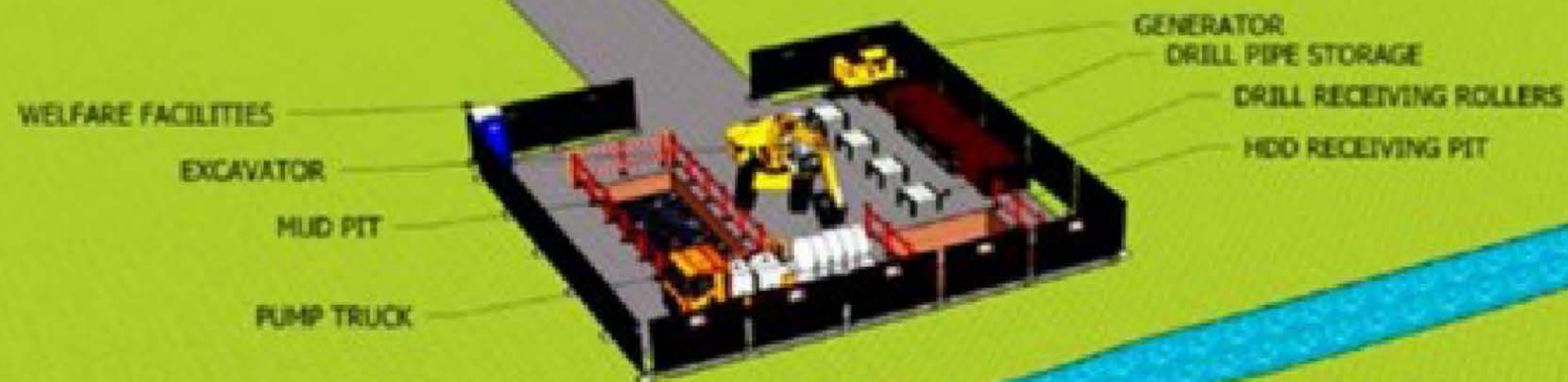
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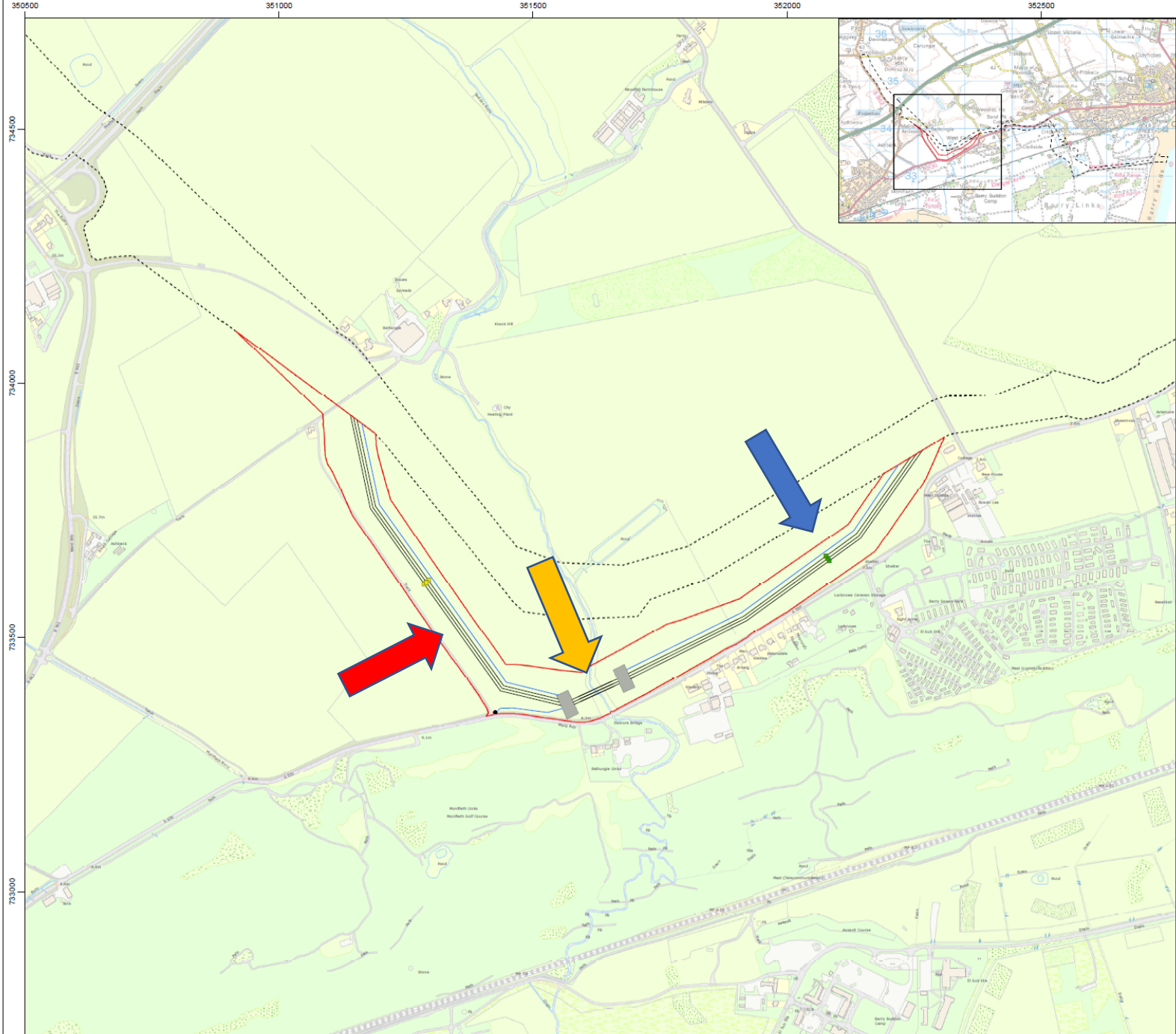


CONTRACTOR DRAWING NUMBER		REVISION
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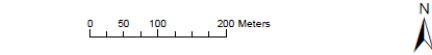


Legend

- Proposed Application Site
- Consented Cable Route Site Boundary
- Access Point
- Cable Duct
- Joint Bay (Indicative)
- Pulling Pit (Indicative)
- HDD Launch & Reception Pits
- Temporary Access Road, New

Notes

- Pulling Pits. A pulling pit is a temporary excavation required during the cable pulling process on each circuit. The location of pulling pits are indicative only and subject to changes based on detailed cable pulling calculations. An example pulling pit detail for an individual circuit is shown in drawing 858_1113_6001_001.
- Joint Bays. Joint bays are shown indicatively. An example joint bay detail for all three circuits is shown in drawing 858_1110_6005_001. Permanent above ground features include link box lids (all land) and fencing (agricultural land).
- Cable marker poles or blocks are not shown but are above ground permanent infrastructure. Cable marker poles/blocks are required at land boundaries, change in cable directions and based on line of sight. Exact locations TBC.
- Temporary roads shall have a maximum width of 5m. Additional widening may be necessary at bends and turning locations. Existing roads may require upgrade or temporary widening to facilitate the works.
- As the cable route is installed, excavated material will be stored temporarily parallel to the cable route as shown in drawing 858_1110_6002_001.
- Buddon Burn HDD crossing. The detailed design of this crossing is shown on drawing 858_1360_6013_001.



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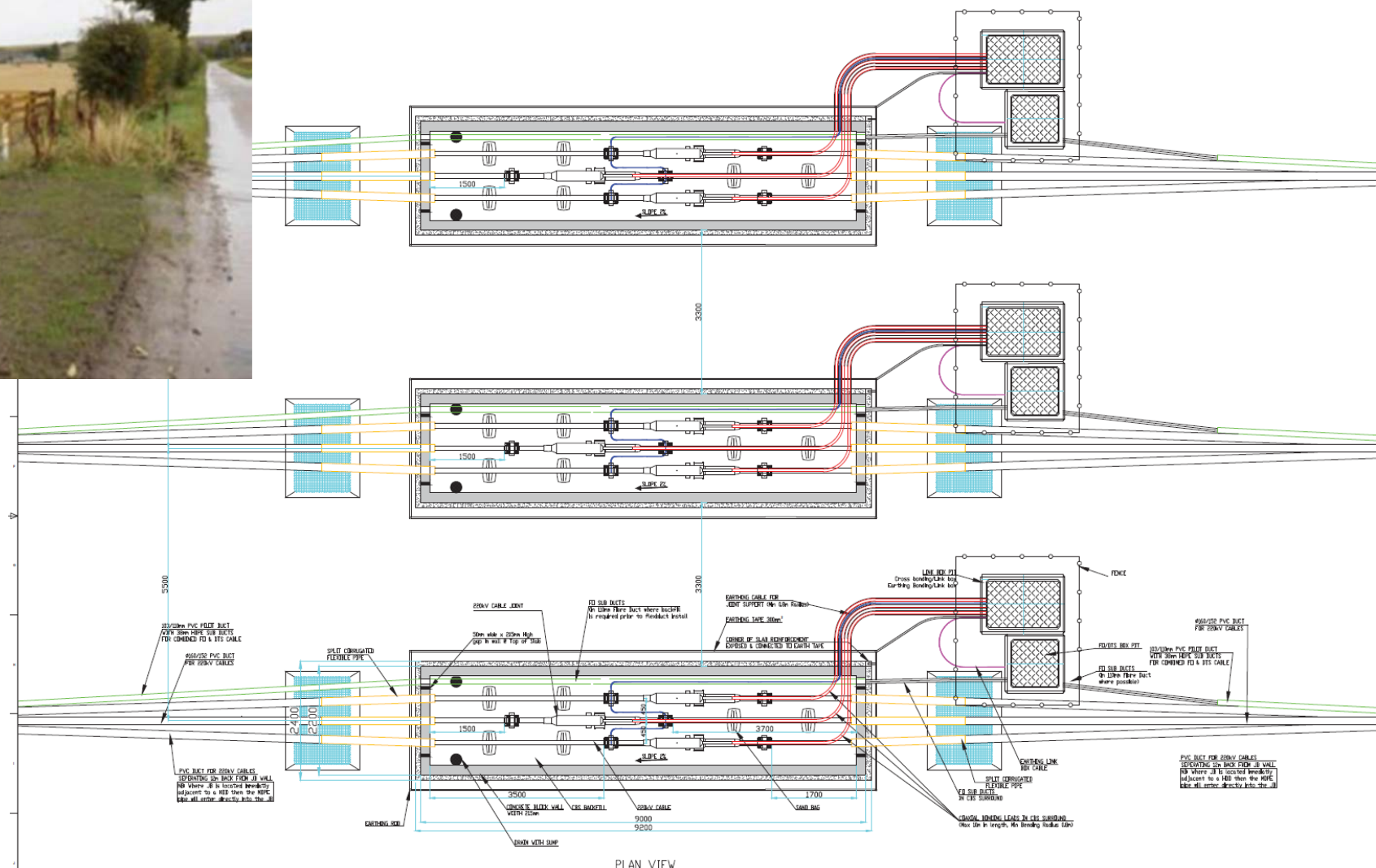
Project Name
SEAGREEN OFFSHORE WIND FARM

Drawing Title
**BALHUNGIE FARM
PROPOSED CABLE ROUTE DIVERSION**

Rev	Date	Details	Status	Drwn	Rqst	Chkd	Appd
R1	22/09/20	First Issue	APPROVED FOR USE	JC	MF	rc	rc
R2	-	-	-	-	-	-	-
R3	-	-	-	-	-	-	-
R4	-	-	-	-	-	-	-

Drawing Number
LF000009-CST-ON-LIC-MAP-0015

Scale	Plot Size	Datum	Projection
1:7,500	A3	OSGB36	BNG



NOTES:
DETAILS ON DRAWINGS:
R001_1110_5003_001
R001_1110_5003_002
R001_1110_5003_003
R001_1110_5003_004

ALL DIMENSIONS IN MILLIMETERS.

LINK BOX & FID PIT POSITIONS TO BE FINALISED ON SITE, BUT WILL BE NO MORE THAN A MAX OF 50M FROM JOINT POSITION. BENDING LOOSE CABLES MAY DO LONG PER JOINT & MAX BEND RADIUS OF 50m.

FENCING TO BE ERECTED AROUND LINK BOX & FID PIT LIDS THAT ARE LEFT EXPOSED AT GROUND LEVEL.

Acceptance Codes - to be signed by Seagreen designated signatory only

Code 1 Accepted	Code 2 Accepted with Comments
Code 3 Rejected	Code 4 Information

04	18-06-2020	Issued for Construction	MD	SMC	KFU
03	18-06-2020	Issued for Review	MD	SMC	KFU
02	30-01-2020	Issued for Review	MD	SMC	GMK
01	15-01-2020	Issued for Review	MD	SMC	GMK

REV	DATE	REASON FOR ISSUE	BY	CHK	APP
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NEXANS NORWAY AS
P.O. BOX 6450, ETTERSTAD
NO-0605 OSLO, NORWAY
00 47 22 88 61 00
www.nexans.com

PROJECT TITLE
SEAGREEN OFFSHORE WIND FARM

DRAWING TITLE
Onshore export cable
3x Joint Bay layout
Side by Side

DRAWING STATUS
CONSTRUCTION

SHEET SIZE A1	DESIGNED MD	DRAWN MD	CHECKED MD	APPROVED KFU
SHEET SCALE SCALE	DATE 18-06-2020	DATE 18-06-2020	DATE 18-06-2020	DATE 18-06-2020
CONTRACTOR DRAWING NUMBER 0003259				REVISION 0
SHEET/ISSUE DRAWING NUMBER SSR_1110_5003_001				SHEET No 001 of 001
				REVISION 04

NO.	TITLE	DOC. NO.	CLIENT DOC. NO.	REV	DATE	REASON FOR ISSUE	PREPARED	CHECKED	APPROVED	RELEASED
3				C	05-mm-yyyy					
2				B	05-mm-yyyy					
1				A	05-mm-yyyy					





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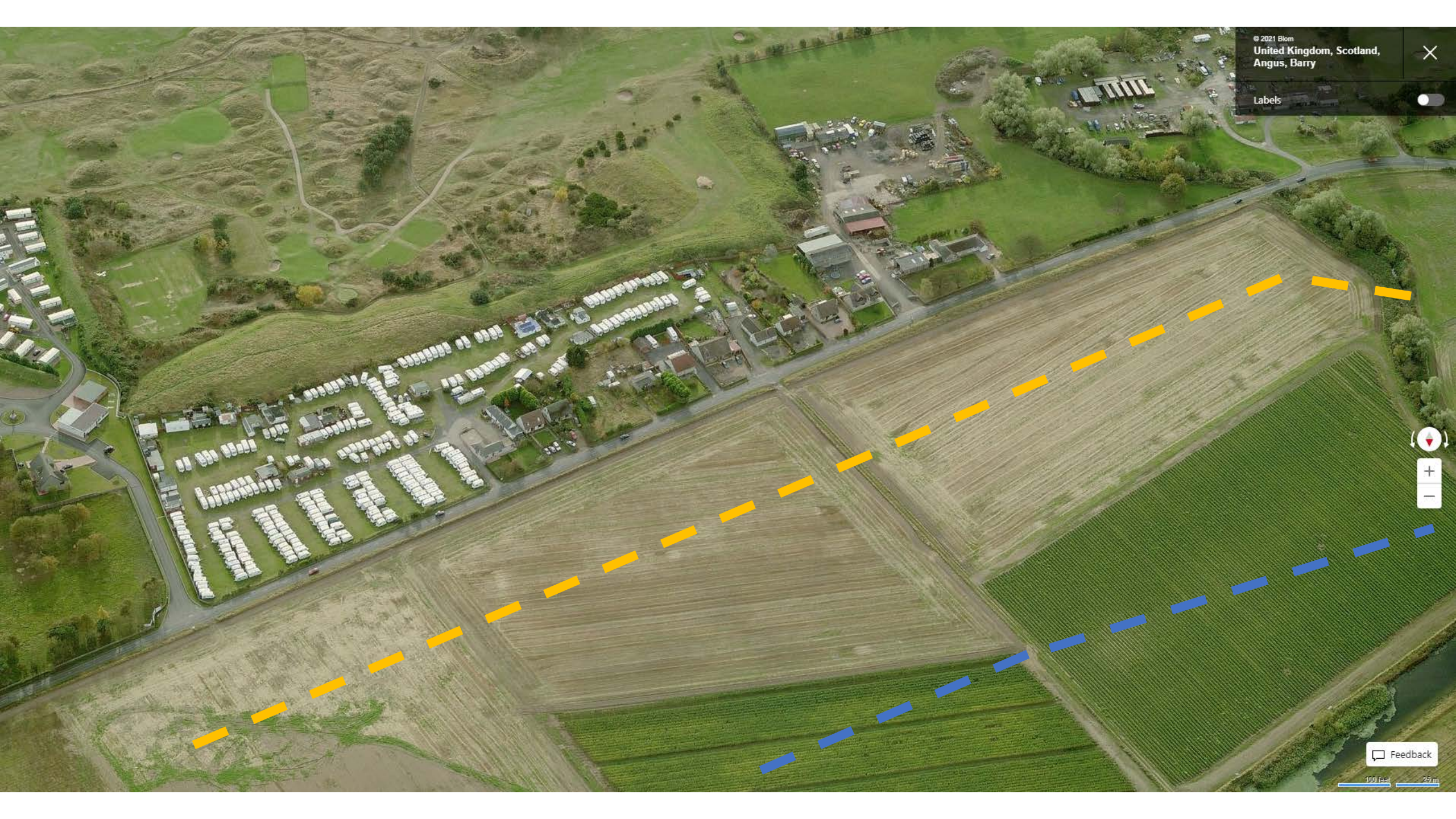


Labels



Feedback

100 feet 25 m



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100 feet 25 m



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Feedback

100 feet 25 m

- National development
- Significant economic and environmental benefit
- Planning permission allows for the same development in this general area
- Impacts associated with this proposal would be within the same limits as the development approved
- Conditions proposed seek to minimise impacts on amenity, environment, and infrastructure
- Proposal complies with development plan policy and there are no material considerations that justify refusal

