

# Norfolk Offshore Wind Zone

Community Drop-in Information Event Materials  
Dereham

September 2023



**VATTENFALL**

# Norfolk Offshore Wind Zone



Hello,

Vattenfall has now begun construction work on the westernmost 20km of our Norfolk Zone cable route. This is from Necton to the River Wensum.

To ensure the local community is kept up to date, we held another Public Information Day at Dereham 2nd Scouthaven Hall, on Tuesday 12th September. This pack contains the materials that we shared and discussed with local residents and community representatives at that event.

If you have any questions about the project, please don't hesitate to get in touch. You'll find information on how to do that throughout the pack as part of the notes for each specific set of works, and also on the last page.

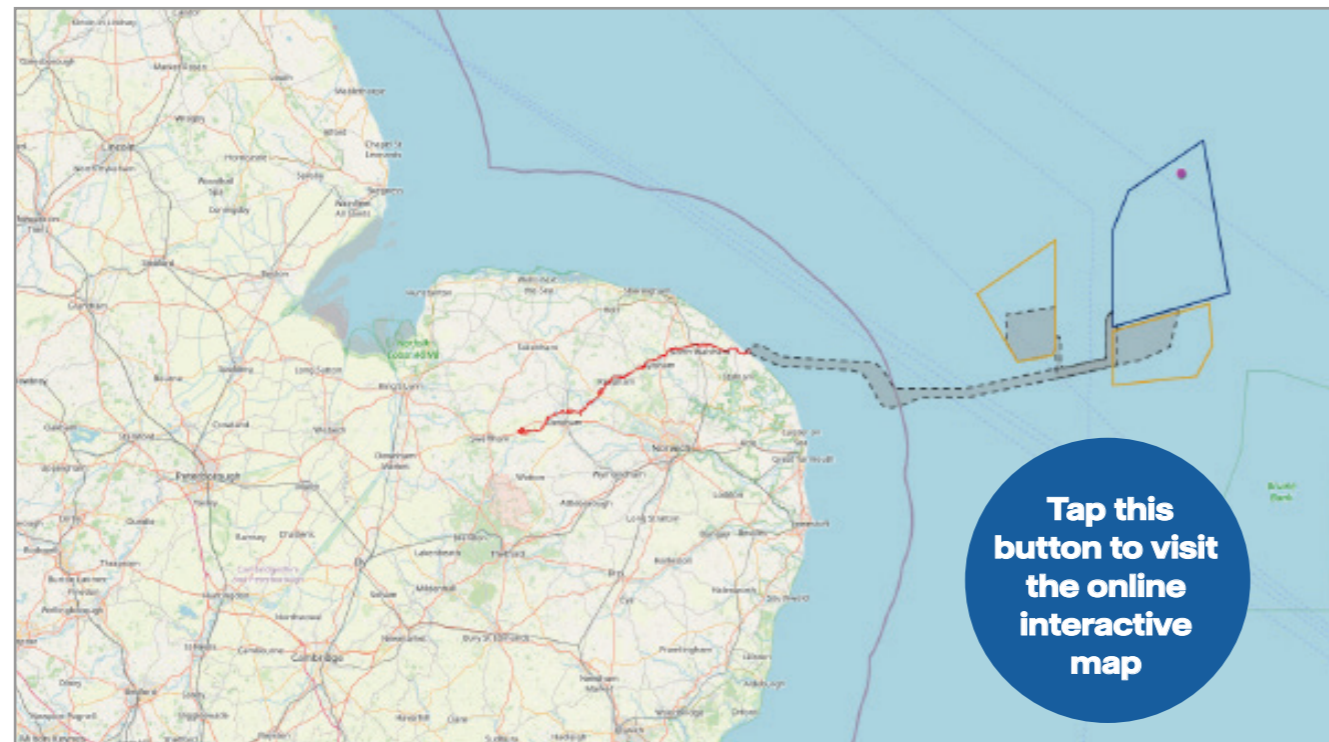
Thank you for your continued interest in our projects.

Best regards,

*The Norfolk Zone Team*

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# Event Poster



## Sharing information regarding upcoming works in your area.

**Where:** 2nd Dereham Scouts, South Green, Dereham, NR19 1PU

**Date:** 12th Sept

**Time:** 10:00 - 17:30

**Providing opportunity for local members of the public to drop in, meet members of the team who will be in attendance throughout, presenting the latest information.**

**Topics in focus, include:**

-   
Cable routes
-   
Traffic management
-   
Principal contractors
-   
Community Benefit Fund
-   
Skills and employment opportunities

Vattenfall are preparing to begin construction of Norfolk Offshore Wind Zone. Once operating, the zone will provide enough power for millions of UK homes.

Approximately 60km of shared underground cabling will connect the power produced offshore to onshore project substations, which are co-located near Necton, Norfolk.

Community engagement and local dialogue is important to Vattenfall. We believe involving local people and stakeholders

helps us make sustainable and robust decisions and deliver better projects.

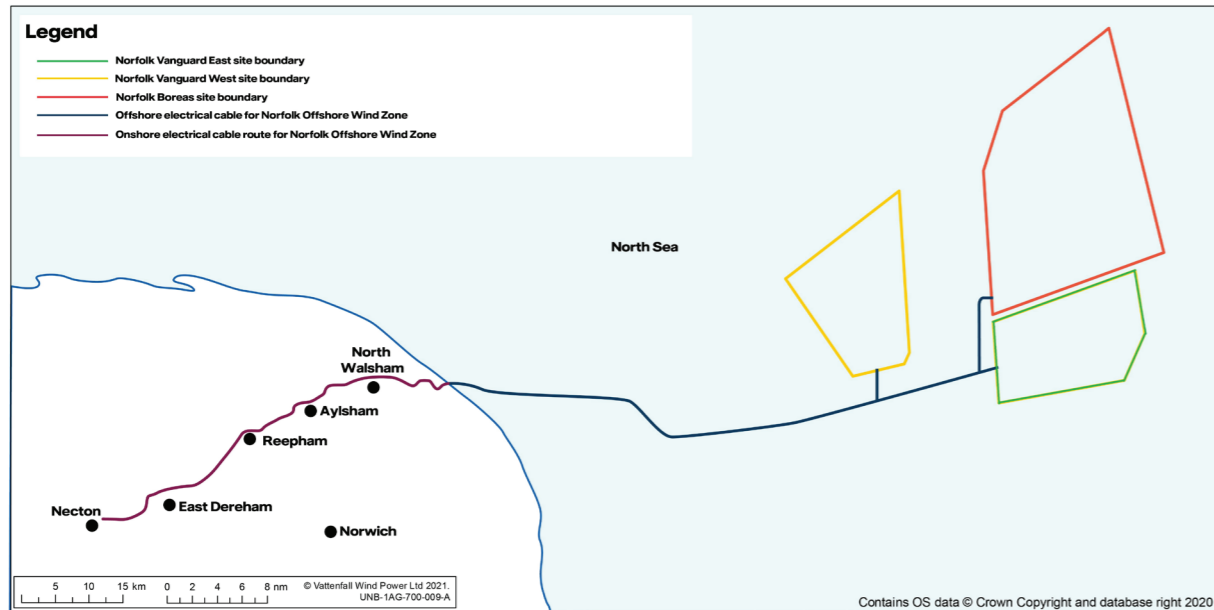
Now, we'd like to update you, residents and businesses on when the construction works are likely to start, what you'll notice, and what you can expect.

We look forward to seeing you.

**For more information on Norfolk Offshore Wind Zone please visit the dedicated project website or email the team below:**

[www.vattenfall.co.uk/VattenfallinNorfolk](http://www.vattenfall.co.uk/VattenfallinNorfolk) • [norfolk@vattenfall.com](mailto:norfolk@vattenfall.com)

# Overview



## Changes to the Norfolk Zone Development Programme

Over the last seven years we have been developing the Norfolk Offshore Wind Zone (NOWZ), one of the most innovative and ambitious offshore wind clusters ever designed. We believe in the strong fundamentals and rationale for the offshore wind farm projects that make up the NOWZ (Norfolk Vanguard West, Norfolk Vanguard East and Norfolk Boreas), which are vital to secure affordable, clean and secure energy to the UK and have the potential to create substantial value from local and national supply chains.

However, as you may already be aware from media coverage in East Anglia, we have made some changes to our development plans for the NOWZ. Due to significantly deteriorating market conditions in the last year since the war in Ukraine, the effects of rising costs and supply chain delays, Vattenfall has taken the very difficult decision to stop the current development track for the Norfolk Boreas Wind Farm part of the NOWZ.

As a team, we are disappointed that we can't take Norfolk Boreas forward at this time. However, we remain committed to offshore wind in the UK, and to the East of England, and we are continuing to develop the Norfolk Vanguard projects as part of the NOWZ as planned, bringing you with us on our journey.



# Bushy Common Junction

## Pages 8-13

### What are these works?

The works involve the improvement of the existing junction of Bushy Common and the A47, combined with the construction of a new access into the substation site. Under previous conditions vehicles turn off the A47 onto single track road. By creating a new bell mouth and wider road, traffic can flow in both directions, increasing visibility and safety for drivers.

### What will this involve?

Bushy Common is closed during the works but we will retain access for the residents at all times, either through the works or via the diversion route. Some devegetation has also been required.

### When will this work happen?

Construction will start on the 18th September 2023, and we anticipate it taking approximately 9 weeks to complete.

### Which drawings are associated with these works?

- PB5640-RHD-DE-AC159-DR-D-0100-PO3 pages 8 & 9
- PB5640-RHD-DE-ZZ-DR-D-0150-PO3 pages 10 & 11
- Diversion route map - pages 12 & 13

### Who should I contact if I have questions about these works?

If you have questions, please contact the Local Liaison Officer for J. Murphy and Sons, Kirsty Jonas. E: [kirstyjonas@murphygroup.co.uk](mailto:kirstyjonas@murphygroup.co.uk) M: 07887 877816

# Mobilisation Area 1B (MA1B)

### What are these works?

These works are for the construction of a site compound to support the construction of the cable route. Works started in early September with the crew now installing perimeter fencing and the utilities needed.

### When will this work happen?

Construction is already underway to create this compound. We are anticipating the work will be completed by the end of December and the compound being operational from January 2024.

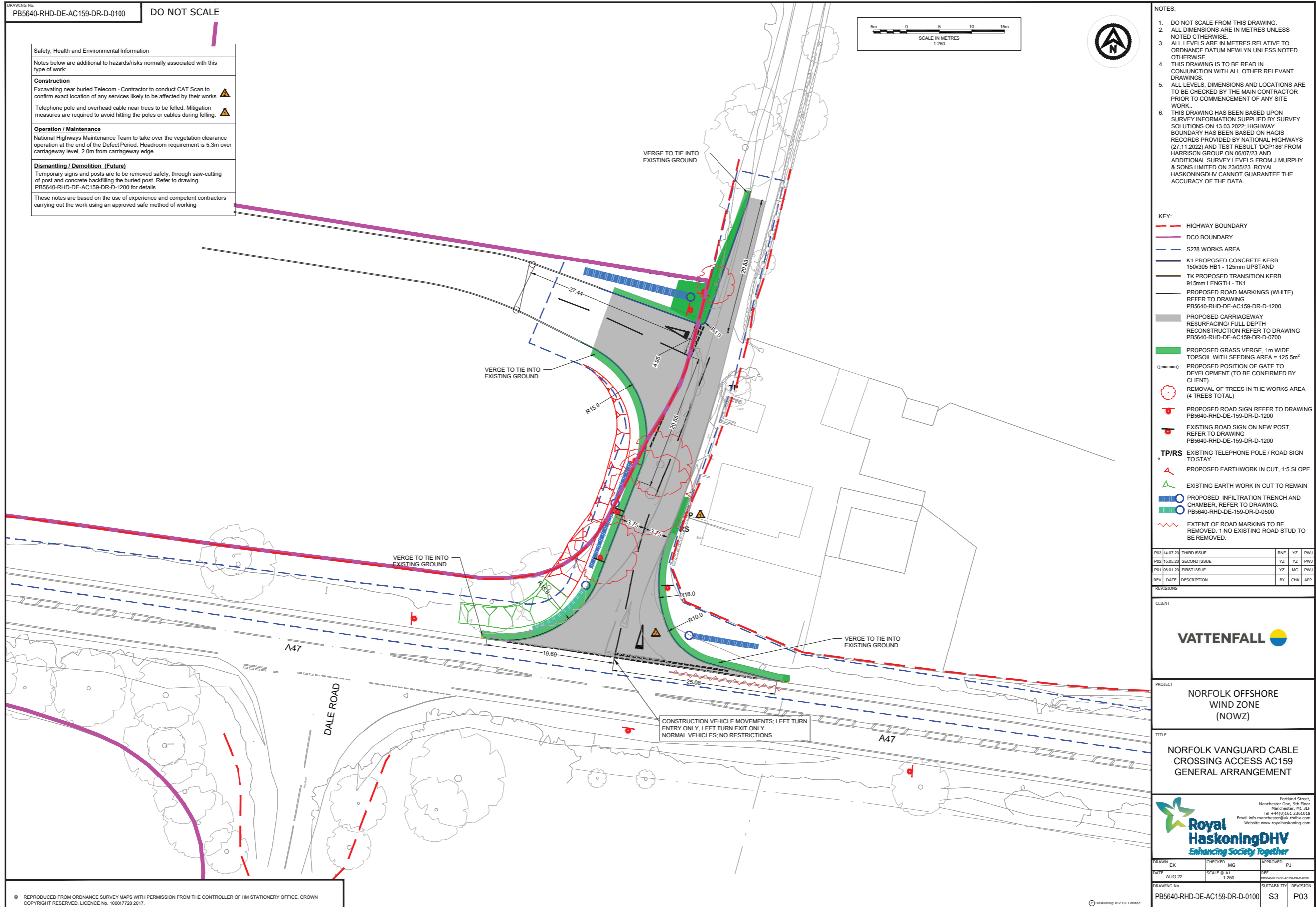
### Which drawings are associated with these works?

- Please see image below showing the new junction which will provide access to the mobilisation area.

### Who should I contact if I have questions about these works?

If you have questions, please contact the Local Liaison Officer for J. Murphy and Sons, Kirsty Jonas. E: [kirstyjonas@murphygroup.co.uk](mailto:kirstyjonas@murphygroup.co.uk) M: 07887 877816





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**NOTES:**

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
- ALL LEVELS, DIMENSIONS AND LOCATIONS ARE TO BE CHECKED BY THE MAIN CONTRACTOR PRIOR TO COMMENCEMENT OF ANY SITE WORK.
- THIS DRAWING HAS BEEN BASED UPON SURVEY INFORMATION SUPPLIED BY SURVEY SOLUTIONS ON 13.03.2022; HIGHWAY BOUNDARY HAS BEEN BASED ON HAGIS RECORDS PROVIDED BY NATIONAL HIGHWAYS (27.11.2022) AND TEST RESULT 'DCP186' FROM HARRISON GROUP ON 06/07/23 AND ADDITIONAL SURVEY LEVELS FROM J. MURPHY & SONS LIMITED ON 23/05/23. ROYAL HASKONINGDHV CANNOT GUARANTEE THE ACCURACY OF THE DATA.

- KEY:**
- HIGHWAY BOUNDARY
  - DCO BOUNDARY
  - S278 WORKS AREA
  - K1 PROPOSED CONCRETE KERB 150x305 HB1 - 125mm UPSTAND
  - TK PROPOSED TRANSITION KERB 915mm LENGTH - TK1
  - PROPOSED ROAD MARKINGS (WHITE). REFER TO DRAWING PB5640-RHD-DE-AC159-DR-D-1200
  - PROPOSED CARRIAGEWAY RESURFACING/ FULL DEPTH RECONSTRUCTION REFER TO DRAWING PB5640-RHD-DE-AC159-DR-D-0700
  - PROPOSED GRASS VERGE. 1m WIDE. TOPSOIL WITH SEEDING AREA = 125.5m<sup>2</sup>
  - PROPOSED POSITION OF GATE TO DEVELOPMENT (TO BE CONFIRMED BY CLIENT).
  - REMOVAL OF TREES IN THE WORKS AREA (4 TREES TOTAL)
  - PROPOSED ROAD SIGN REFER TO DRAWING PB5640-RHD-DE-159-DR-D-1200
  - EXISTING ROAD SIGN ON NEW POST. REFER TO DRAWING PB5640-RHD-DE-159-DR-D-1200
  - TP/RS EXISTING TELEPHONE POLE / ROAD SIGN TO STAY
  - PROPOSED EARTHWORK IN CUT, 1:5 SLOPE.
  - EXISTING EARTH WORK IN CUT TO REMAIN
  - PROPOSED INFILTRATION TRENCH AND CHAMBER. REFER TO DRAWING: PB5640-RHD-DE-159-DR-D-0500
  - EXTENT OF ROAD MARKING TO BE REMOVED. 1 NO EXISTING ROAD STUD TO BE REMOVED.

REV	DATE	DESCRIPTION	BY	CHK	APP
P03	14.07.22	THIRD ISSUE	RNE	YZ	PWJ
P02	15.05.22	SECOND ISSUE	YZ	YZ	PWJ
P01	06.01.22	FIRST ISSUE	YZ	MG	PWJ

REVISIONS

CLIENT



PROJECT

NORFOLK OFFSHORE WIND ZONE (NOWZ)

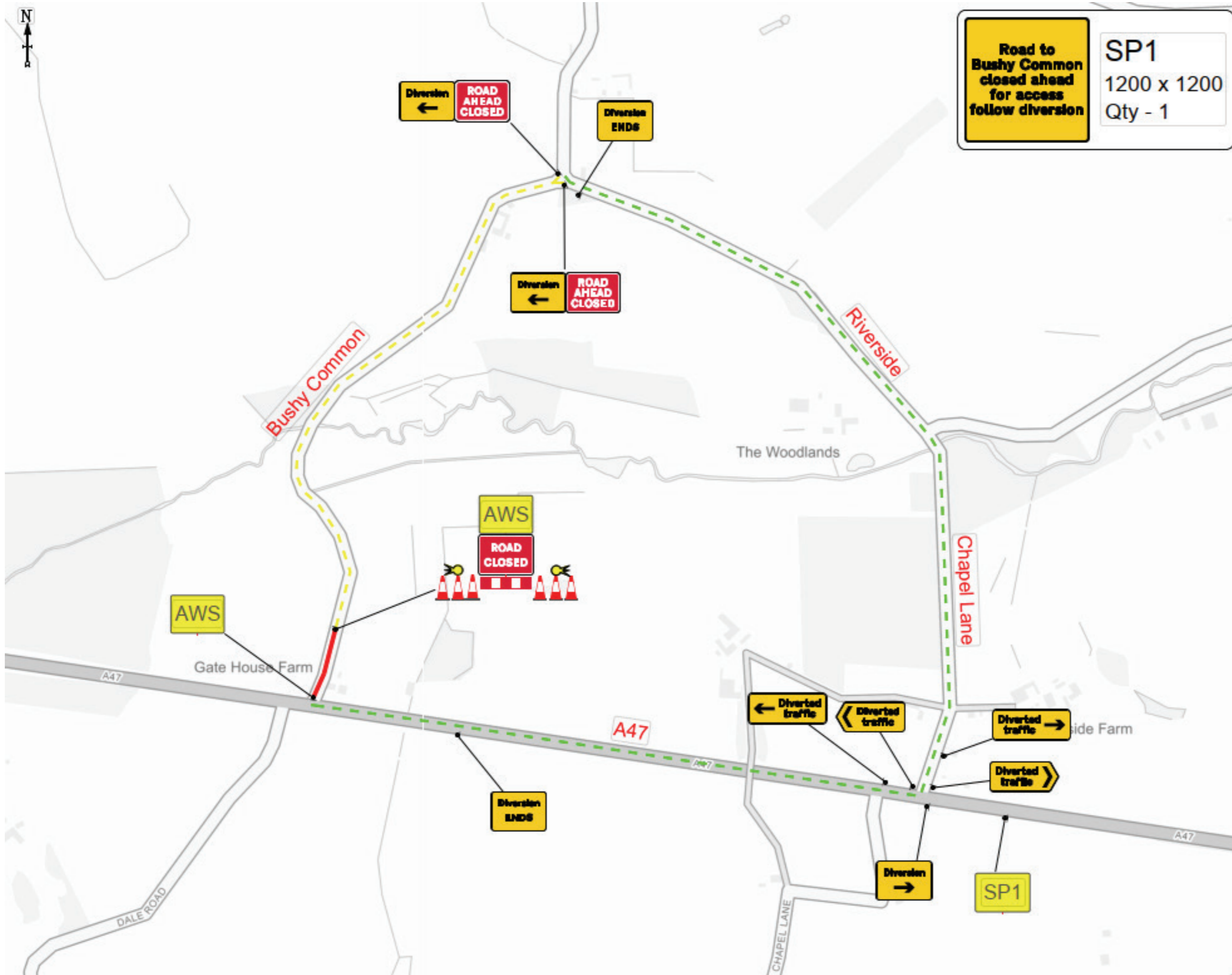
TITLE

NORFOLK VANGUARD CABLE CROSSING ACCESS AC159 GENERAL ARRANGEMENT

Portland Street, Manchester One, 9th Floor, Manchester, M5 3JF  
Tel: +44(0)161 2361018  
Email: info.manchester@uk.rdhv.com  
Website: www.royalhaskoningdhv.com

DRAWN	CHECKED	APPROVED	SUITABILITY	REVISION
EK	MG	PJ	S3	P03
DATE	AUG 22	SCALE	@ A1 1:250	REF.





# Norfolk Zone Archaeology

THE IMAGES ON THE NEXT 2 PAGES SHOW SOME OF THE ARCHAEOLOGY PRE-WORKS ACTIVITIES COMPLETED BY MURPHY IN THE MONTHS OF JUNE AND JULY. IMAGES SHOW ARCHAEOLOGISTS AT VARIOUS SITES ALONG THE CABLE ROUTE.

ACTIVITIES INCLUDE: SETTING UP SECURE COMPOUNDS, STRIPPING BACK TOP SOIL USING MACHINERY, HAND TOOL SURVEY OF THE STRIPPED AREA, DATA ANALYSIS & REVIEW OF FINDS/ARTEFACTS AND REINSTATEMENT OF LAND.

## JUNE 2023



ARCH EX 9  
POST STRIP



ARCH EX 10  
FINAL REINSTATEMENT



ARCH EX 26  
STRIP



ARCH EX 18  
COMPLETE



ARCH EX 24  
ARCHAEOLOGICAL FINDS



ARCH EX 10  
COMPLETE

## JULY 2023



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP



ARCH EX 11  
POST STRIP





1

IMAGE 1 SHOWS TWO LENGTHS OF CABLE BEING SAFELY JOINTED

THESE IMAGES ARE FROM PREVIOUS ONSHORE CABLING PROJECTS COMPLETED BY MURPHY.

THEY WERE DISPLAYED ON EASELS AT THE COMMUNITY DROP IN EVENT TO PROVIDE PARTICIPANTS WITH VISUAL EXAMPLES OF THE TYPE OF CONSTRUCTION ACTIVITY THEY MIGHT EXPECT TO SEE IN THEIR AREA AS THE NORFOLK ZONE PROGRESSES.



2

IMAGE 2 SHOWS DELIVERY OF A REEL OF CABLING



3

IMAGE 3 SHOWS TRENCHING AND CABLES BEING LAID



1

IMAGE 1 SHOWS A SECTION OF TYPICAL DUCTING

IMAGE 2 - THE DUCTING HAS A DIAMETER OF 225MM



2



3

IMAGE 3 - A PROTECTIVE TILE IS INSTALLED ABOVE THE DUCTING. BOTH ARE BURIED UNDERGROUND.

## Siemens AC180 S278 Works

### What are these works?

To improve safety for road users, improve ease of access and minimise impact on the existing traffic network, an existing farmer's track is being upgraded to provide a new, permanent access road from the A47 to the Norfolk Offshore Wind Zone substation site at Necton.

### What will this involve?

To progress the track upgrade, we have already removed some vegetation along the A47, near Spicers Corner (What3Words location: nurture.saves.column), This vegetation consisted of 6 trees and smaller fledgling trees/shrubbery. An extensive landscaping scheme in the near future will ensure that more trees are replanted than removed in the surrounding vicinity.

The compound and welfare facilities have been constructed and materials and plant have arrived on-site. Works are underway reconfiguring the A47, providing a new central reservation lane (ghost lane) for traffic travelling east on the A47 to safely turn right. The ghost lane itself is 150m in length, giving ample time for users to pull in early and reduce speed accordingly.

### When will this work happen?

Activity started here on the 11th August and will last for 10 weeks in total. To minimise disruption on road users, the work will happen overnight in the hours from 20:00 to 06:00. For the first 6 weeks the road will be partly closed with traffic lights operating and a one lane system. For the remaining 4 weeks (commencing around 22nd September) the road will be completely closed and a Traffic Management Plan will be in operation.

To see drawings for these works, please refer to our information package from our Necton event, linked here. These works are also visible on the interactive map on the NOWZone website - [www.nowzone.co.uk](http://www.nowzone.co.uk).

### Who should I contact if I have questions about these works?

If you have questions about the ongoing works on the A47 around the substation in Necton, please contact the Community Liaison Officer for the Norfolk Zone, Will Sealey. E: [william.sealey@vattenfall.com](mailto:william.sealey@vattenfall.com) M: 07773 661068

## Onshore Substation Access Road

Construction of the access road for the substation will commence following completion of AC180 works. We expect this work to start on 4th October 2023 and run through to the 9th April 2024. The proposed A47 Access Road will be approximately 1.6km in length and will run in a general south-easterly direction from its proposed junction with the A47 Trunk Road at approximate National Grid reference 589290E, 311413N, to the proposed substation sites, centred at approximately at 590082E, 310371N. The proposed road alignment joins an existing farmer's track some 120m from the A47 and follows this south-eastwards for approximately 320m before crossing arable land for an estimated further 170m.

Similar to the AC180 works, please refer to the previous information package from our Necton event to see more details of these ongoing works.

### Who should I contact if I have questions about these works?

If you have questions about the ongoing works on the A47 around the substation in Necton, please contact the Community Liaison Officer for the Norfolk Zone, Will Sealey. E: [william.sealey@vattenfall.com](mailto:william.sealey@vattenfall.com) M: 07773 661068



# Stay Connected

If you would like more information about the Norfolk Zone projects or about Vattenfall, please use the buttons below to visit relevant pages of the website.

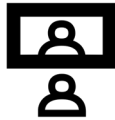
**Norfolk Offshore  
Wind Zone  
Website**



**Sign up for  
Norfolk Zone  
e-newsletters**



**Book a slot for an  
informal online chat with  
one of our project team**



**Register your interest  
on the  
Suppliers Database**



**Norfolk Offshore  
Wind Zone  
Community Benefits**



**Norfolk Offshore  
Wind Zone  
Interactive Map**



**Send the Norfolk Zone  
team an email  
norfolk@vattenfall.com**

