

Norfolk Offshore Wind Zone

Community Drop-in Information Event Materials
Dereham & Aylsham

February 2024



VATTENFALL

Norfolk Offshore Wind Zone



Hello,
In September, Vattenfall began construction work on the westernmost 20km of our Norfolk Zone cable route, from Necton to the River Wensum. Now, our delivery partners are soon to start installing underground ducting along this 20km section.

To ensure the local community is kept up to date, we held Public Information Days at Dereham 2nd Scouthaven Hall on Wednesday 14th February, and in Aylsham Town Hall on the 15th. 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 on the last page.

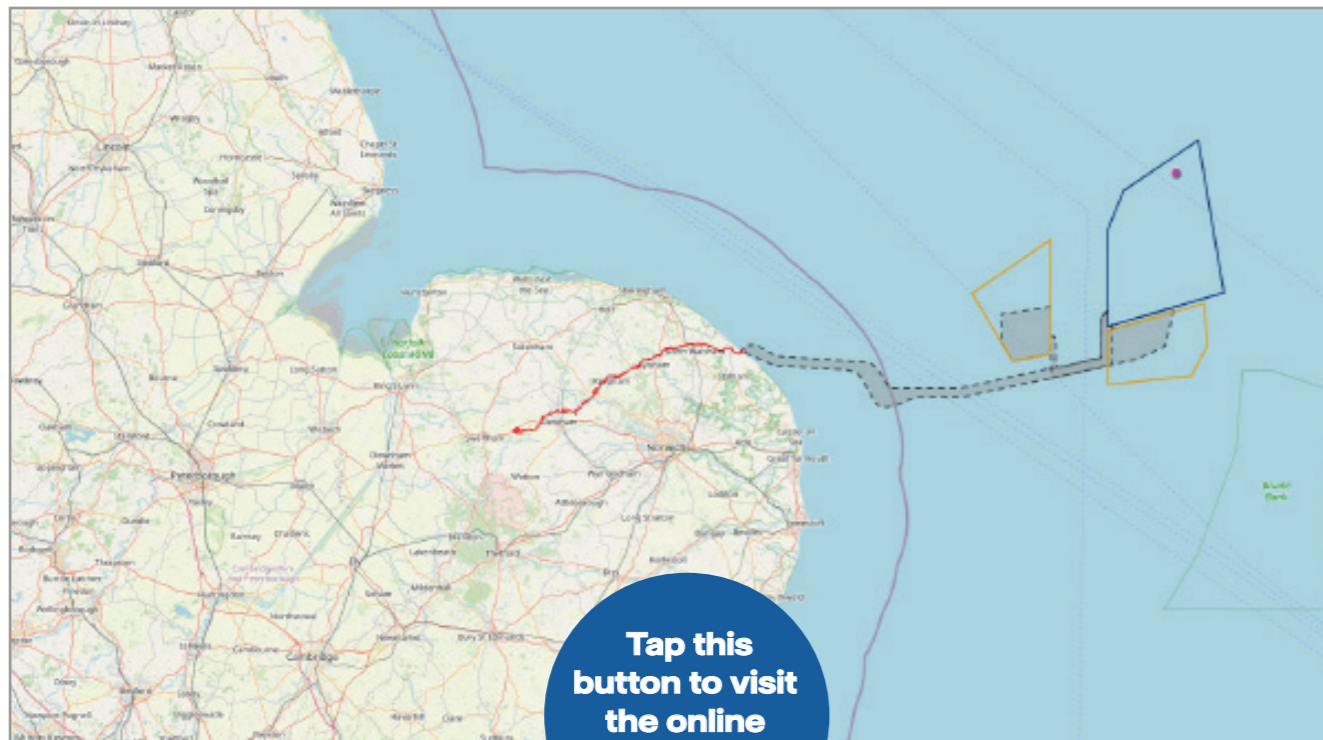
Thank you for your continued interest in our projects.

Best regards,

The Norfolk Zone Team

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Tap this button to visit the online interactive map

Event Poster | Dereham



Norfolk Offshore Wind Zone Community Drop-in Event

Sharing information about upcoming works in your area

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

Date: 14th February

Time: 09:00 - 12:00
17:00 - 20:00

An opportunity for local members of the public to drop in, meet members of the project team and discuss the latest information

Topics in focus include:

- Cable ducting & trenching
- Onshore construction works
- Principal contractors
- Traffic management
- Skills and employment opportunities

Vattenfall have begun the onshore construction of Norfolk Offshore Wind Zone. Once operating, the zone will provide enough power for millions of UK homes.

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.

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

We'd like to update you, residents and businesses on when the installation of ducting for the underground cabling is likely to commence in your area, 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.nowzone.co.uk • norfolk@vattenfall.com

Event Poster | Aylsham



Sharing information about upcoming works in your area

<p>Where:  Aylsham Town Hall, Market Place, Aylsham, Norwich, NR11 6EL</p>	<p>Date:  15 Thursday 15th February</p>	<p>Time:  09:00 - 12:00 17:00 - 20:00</p>
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An opportunity for local members of the public to drop in, meet members of the project team and discuss the latest information

Topics in focus include:

 Cable ducting & trenching	 Onshore construction works	 Principal contractors	 Traffic management	 Skills and employment opportunities
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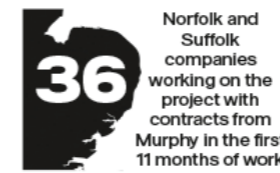
Community engagement and local dialogue is important to Vattenfall. We believe involving local people and stakeholders helps us make sustainable and robust decisions and deliver better projects.

We'd like to update you, residents and businesses on when the construction works are likely to start in your area, what you'll notice, and what you can expect. We look forward to seeing you then.

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

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Project News



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MURPHY
 WORLD-CLASS INFRASTRUCTURE

£4.4 million investment boost for local businesses as work on Norfolk Offshore Wind Zone ramps up

In a major boost for the regional economy in the last 10 months, dozens of local businesses have scooped £4.4 million worth of contracts from Vattenfall's main contractor on the Norfolk Offshore Wind Zone, J. Murphy & Sons Limited.

Contracts have been awarded to 36 East Anglian businesses, providing opportunities for hundreds of local people to work on the first stages of construction of the Norfolk Offshore Wind Zone. Local companies are using a workforce recruited from nearby towns and villages, with many more set to be employed. The Norfolk Offshore Wind Zone will directly support around 1,000 jobs a year during the seven-year construction programme.

Denise Hone, senior stakeholder and community engagement manager for the Norfolk Offshore Wind Zone, said: "Since Vattenfall started planning the project nearly 10 years ago, we have been working with local companies. It has always been our plan to invest as much as we can in Norfolk and its businesses because the wind farms will be operating for more than 30 years.

"To see this coming to fruition and seeing small local businesses supplying their services and benefitting from playing apart in this world-leading wind farm, is wonderful and is evidence that we are doing what we have always said we would do through the years - work in Norfolk, with Norfolk and for Norfolk."

Horizontal Directional Drilling (HDD)

From mid-February, we will be commencing the HDD programme in the westernmost 20km of the onshore cable route. The first location will be under a wetland area just off Bradenham Lane.

What is HDD?

A Horizontal Directional Drill or HDD is a non-intrusive way to lay the ducting underground. Rather than having to dig a trench, the process will involve two drills per cable. Initially, a pilot drill will be used to tunnel underground for the required length. Once the pilot drill is out on the opposite side, a larger drill head (Bore) is fitted to create the diameter needed for the ducting to be installed.

Why are we doing HDD?

An HDD will be used in all areas along the cable route where using a trenching technique would have an environmental impact (such as at Wendling Carr) or when the cable route needs to cross major roads, such as the A47.

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 M: 07887 877816

Trenching & Ducting

What are these works?

Initially, the construction team will carefully strip away the top and subsoil, stockpiling them as close as possible to where they have been removed. This will allow for a haul road to be created alongside the area where the cable ducting will be laid.

Specialised machinery will then excavate a trench, ready for the ducting to be laid. Once the ducting is laid and levelled, a protective tile will cover the ducting before the trench is backfilled.

When will this work happen?

It is anticipated that we will commence the trenching and ducting installation in early March, starting from Necton and going towards the River Wensum.

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 M: 07887 877816



Mobilisation Areas

Mobilisation Areas within the western section of the cable route are almost complete. These mobilisation areas have been constructed to support with the installations of the onshore cabling.

Mobilisation Area 4 (MA 4)

Work has begun on the creation of Mobilisation Area 4 (MA4) on the outskirts of Swanton Morley (What3Word location of: ///plea.elect.backswing). The team have already marked out the area and will start installing perimeter fencing, before stripping back the soil to create bunds shortly. It is anticipated this work will be completed by the end of March.

Mobilisation Area 8 (MA 8)

What are these works?

These works are for the construction of a site compound to the East of the A140 near Aylsham with a W3W location of: ///rationing.applied.squeaking to support the construction of the cable route. Works started in early February with the crew now setting out the area, ahead of installing perimeter fencing and utilities. For more information, please see the map on pages 12-13.

When will this work happen?

Construction is already underway to create this compound. We anticipate the work will be completed by the end of May and that the compound will be operational from early summer 2024.

Access Point Construction

As part of the pre-construction works along the cable route, in the western section, several Access Points are being installed. These Access Points provide an entrance to the cable installation area and usually, road/lane closures will be needed for the work to be carried out safely for both construction staff and residents.

This interactive map shows live road traffic works:

<https://nowzone.vattenfall.co.uk/live-map-updates/>

Road Closure at Beetley Road

We will shortly be creating an Access Point on Beetley Road. To enable us to work safely, it is necessary for Beetley Road to be closed from 22nd February until around 15th March. Please see map AC144 on pages 10 – 11 for more information.

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 M: 07887 877816

Additional Information Sheet

Norfolk Offshore Wind Zone Drop In Events | February 2024

Siemens Energy is Principal Contractor for construction of Norfolk onshore HVDC converter electric substations.

AC180 s278 Junction Works See image A

Siemens Energy has completed the main works for construction of the junction at the A47 trunk road and substation access road, between Necton and Little Fransham. Minor works including landscaping (verge tidy / topsoil / seeding) to be completed in better weather conditions in Spring 2024.

Image A



Substations Access Road See image B

Siemens Energy are now proceeding to construct 1.7km of access road inside the fields towards the substations site. These works are expected to complete by April 24.

Image B



Looking Ahead: works planned for 2024

Substation

- Enabling works at substation platforms area: Starting in March 24 for approximately 9 months

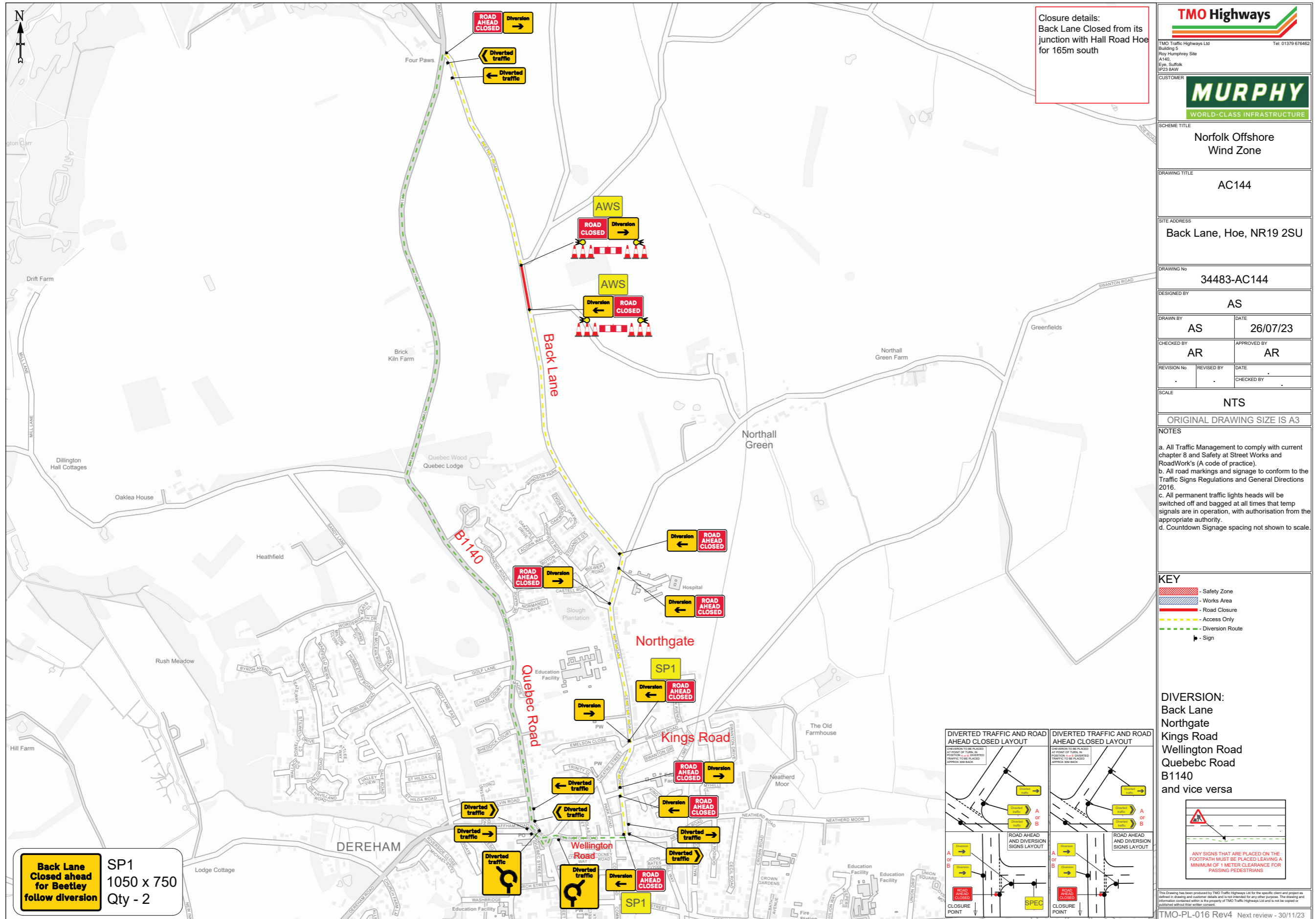
400 kV

- Site Investigation Works March 2024
- Site Mobilisation for Horizontal Directional Drilling (HDD) April 2024
- HDD works start May 2024
- HDD works completion August 2024
- Norfolk Vanguard West & East Mobilisation for 400kV Necton works in September 2024



Use the QR code to register for Norfolk Zone project e-newsletters

For more information, please contact us at norfolk@vattenfall.com or visit the project website: www.nowzone.co.uk



TMO Highways
 TMO Traffic Highways Ltd
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 IP23 8AW
 Tel: 01379 676462

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Norfolk Offshore Wind Zone

AC144

Back Lane, Hoe, NR19 2SU

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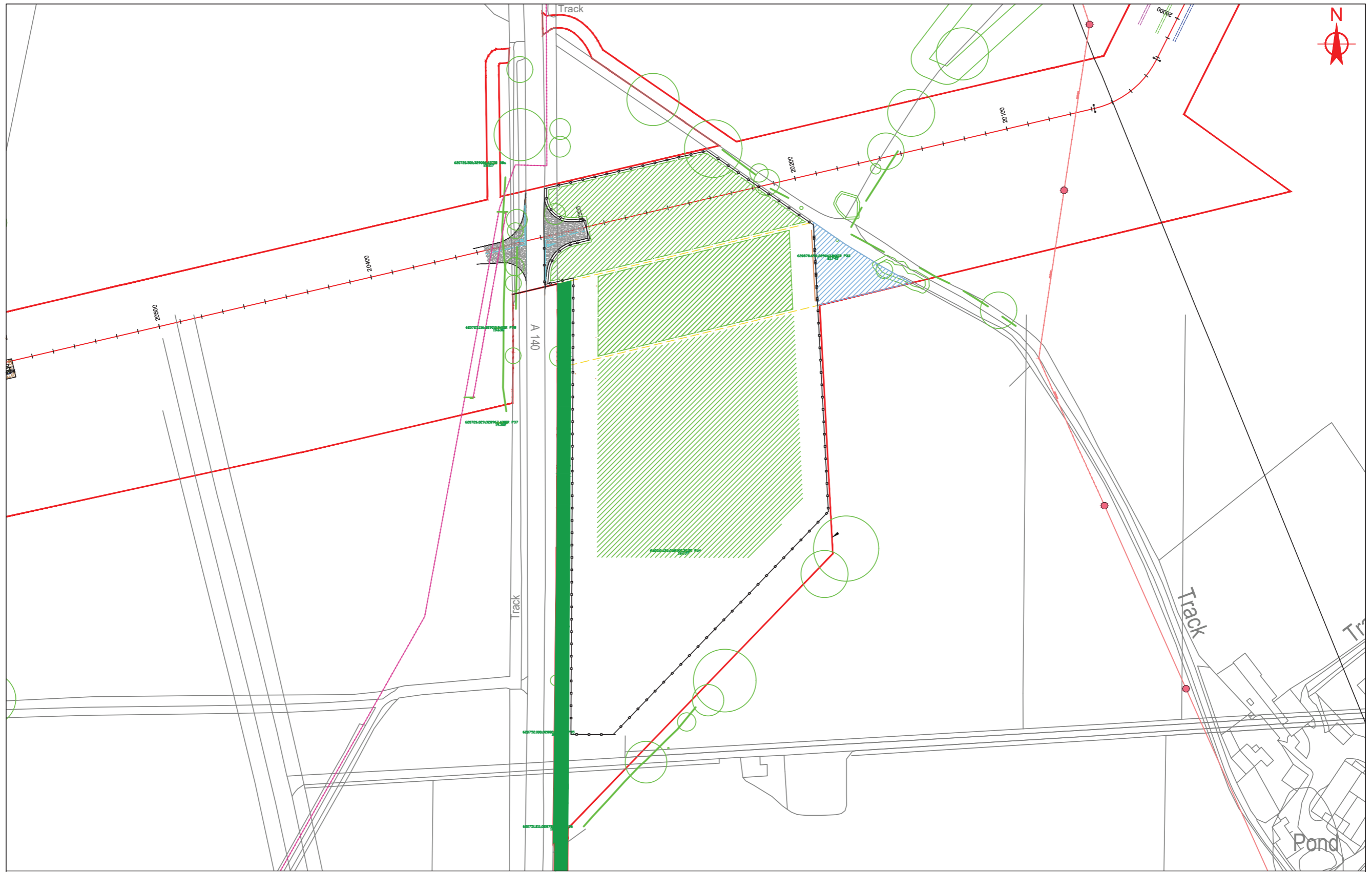
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AS **DATE** 26/07/23

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SCALE NTS

ORIGINAL DRAWING SIZE IS A3



Plotted: 15/02/2024 3:51 PM
 Attached Xrefs: xref:utilities.dwg

Norfolk Offshore Wind Zone

VATTENFALL **MURPHY**

J. MURPHY & SONS LTD.
 4800 Project Office, Suite 100, Mainway Court, St. Andrew's Business Park, W10 2JG

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REV	DRAWN	CHK	APP.	DATE	REVISION COMMENTS
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P01.1	-	-	-	12.07.23	FOR INFORMATION

Project:	NORFOLK OFFSHORE WIND ZONE
Revision:	P01.1
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Scale:	1:1000
Sheet:	1 OF 1
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Dwg Title:	MOBILISATION AREA 8
Dwg No:	NOWZ-JMS-DS-XX-DR-W-0517
Purpose of Issue:	FOR INFORMATION
Internal Ref Number:	-

Norfolk Offshore Wind Zone

VATTENFALL 

Delivery partner:



WESTERN SECTION
Necton substation to River Wensum
Trenching and cable duct installation

EASTERN SECTION
River Bure to landfall
Ecology mitigation, access point and support compound installation

CENTRAL SECTION
River Wensum to River Bure
Trenching and cable duct installation

EASTERN SECTION
River Bure to landfall
Trenching and cable duct installation

VANGUARD WEST CIRCUIT
Necton substation to landfall
Cable installation and jointing works

VANGUARD EAST CIRCUIT
Necton substation to landfall
Cable installation and jointing works

BOREAS CIRCUIT
Necton substation to landfall
Cable installation, jointing works and part route reinstatement

DEMOBILISATION
Necton substation to landfall
Final reinstatement and planting removal of compounds and access points

PROJECT MOBILISATION

Necton substation to River Wensum
Establishment of compounds, access points and ecology mitigation

2024

2025

2026

2027

2028

2029

2023



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NORFOLK OFFSHORE WIND ZONE MILESTONES



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.

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.

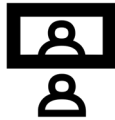
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**Book a slot for an
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one of our project team**



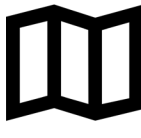
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Suppliers Database**



**Norfolk Offshore
Wind Zone
Community Benefits**



**Norfolk Offshore
Wind Zone
Interactive Map**



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team an email
norfolk@vattenfall.com**

