

# Norfolk Vanguard Offshore Wind Farm

# Outline Access

# Management Plan

## Appendix C

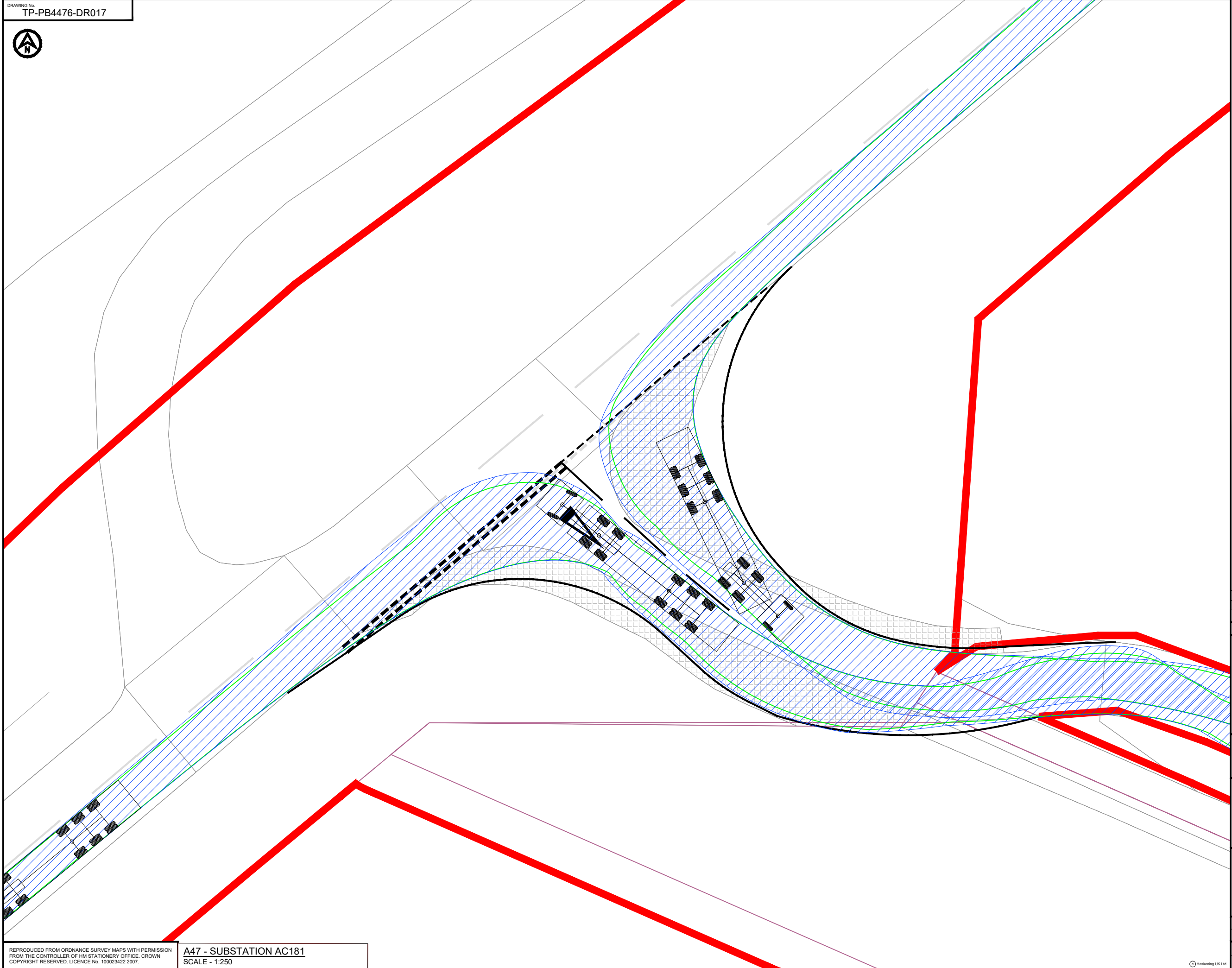
## Deadline 8

Applicant: Norfolk Vanguard Limited  
Document Reference: 8.8  
Pursuant to: APFP Regulation: 5(2)(q)

Date: 30 May 2019  
Revision: Version 3  
Author: Royal HaskoningDHV

*Photo: Kentish Flats Offshore Wind Farm*





- NOTES
1. Do not scale from this drawing, all dimensions are in metres unless noted otherwise.
  2. This drawing has been based upon Ordnance Survey Maps and Royal Haskoning can not guarantee the accuracy of data.

KEY

— ORDER LIMITS

VEHICLE TRACKING

Max Legal Length (UK) Articulated Vehicle (16.5m)  
Overall Length 16.50m  
Overall Width 2.55m  
Overall Body Height 3.50m  
Min Body Ground Clearance 0.40m  
Max Track Width 2.50m  
Lock to lock time 2.40s  
Kerb to Kerb Turning Radius 6.530m

▨ VEHICLE BODY SWEEP PATH (FORWARD GEAR)  
▨ VEHICLE CHASSIS SWEEP PATH

**DRAFT - NOT FOR CONSTRUCTION**

F1.0	02/19	Updated in accordance with HE comments	JL	RNE	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

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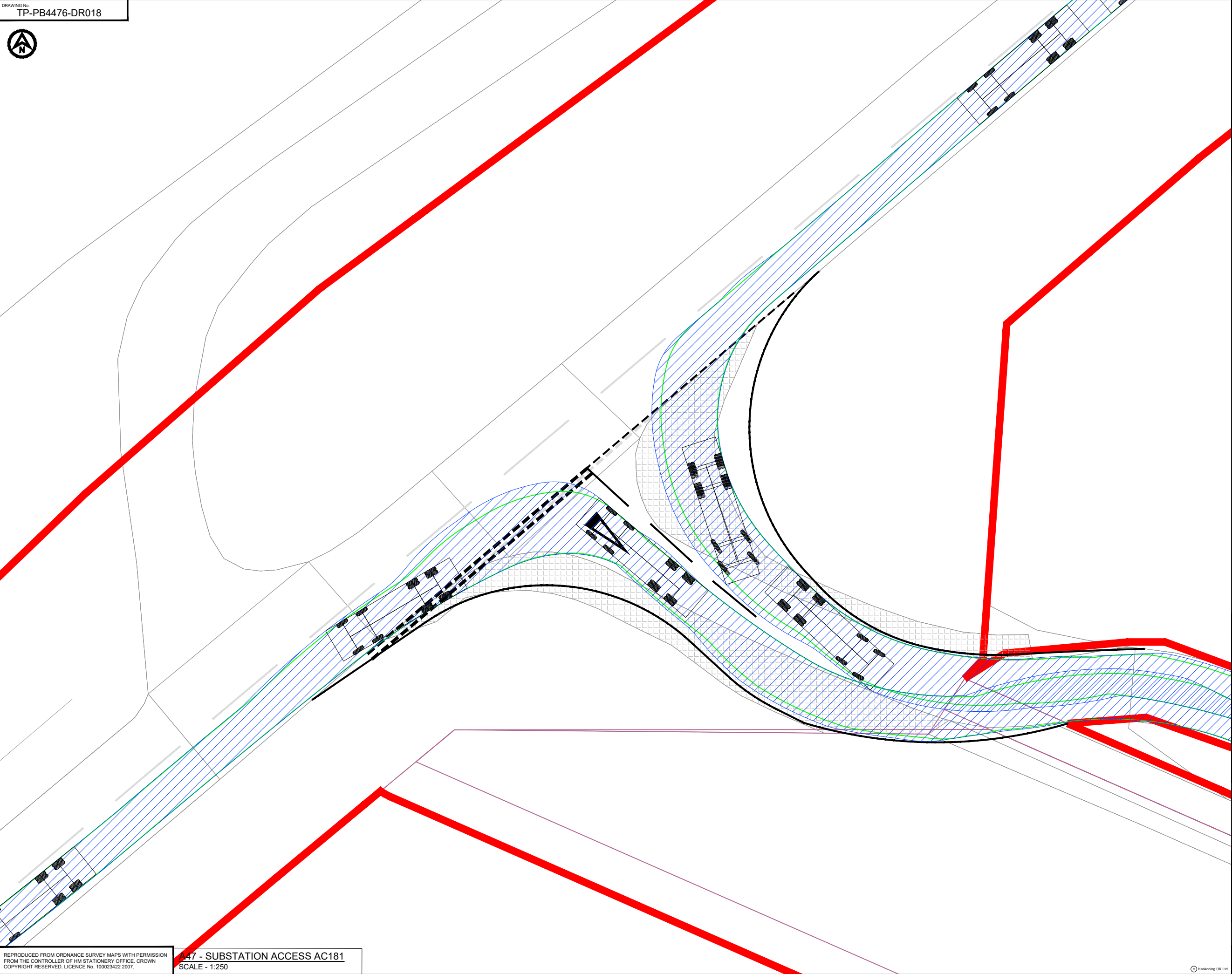


PROJECT  
NORFOLK VANGUARD OFFSHORE WIND FARM

TITLE  
A47 NATIONAL GRID SUBSTATION AC181  
ARTICULATED VEHICLE SWEEP PATH ANALYSIS  
(LEFT TURN IN / LEFT TURN OUT)



DRAWN	JL	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A3	1:250	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR017	REVISION	F1.0		
CLIENT DWG No.					

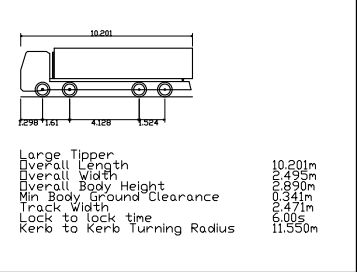


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KEY

— ORDER LIMITS

VEHICLE TRACKING



— VEHICLE BODY SWEEP PATH (FORWARD GEAR)

— VEHICLE CHASSIS SWEEP PATH

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F1.0	02/19	Updated in accordance with HE comments	JL	RNE	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

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**VATTENFALL**

PROJECT

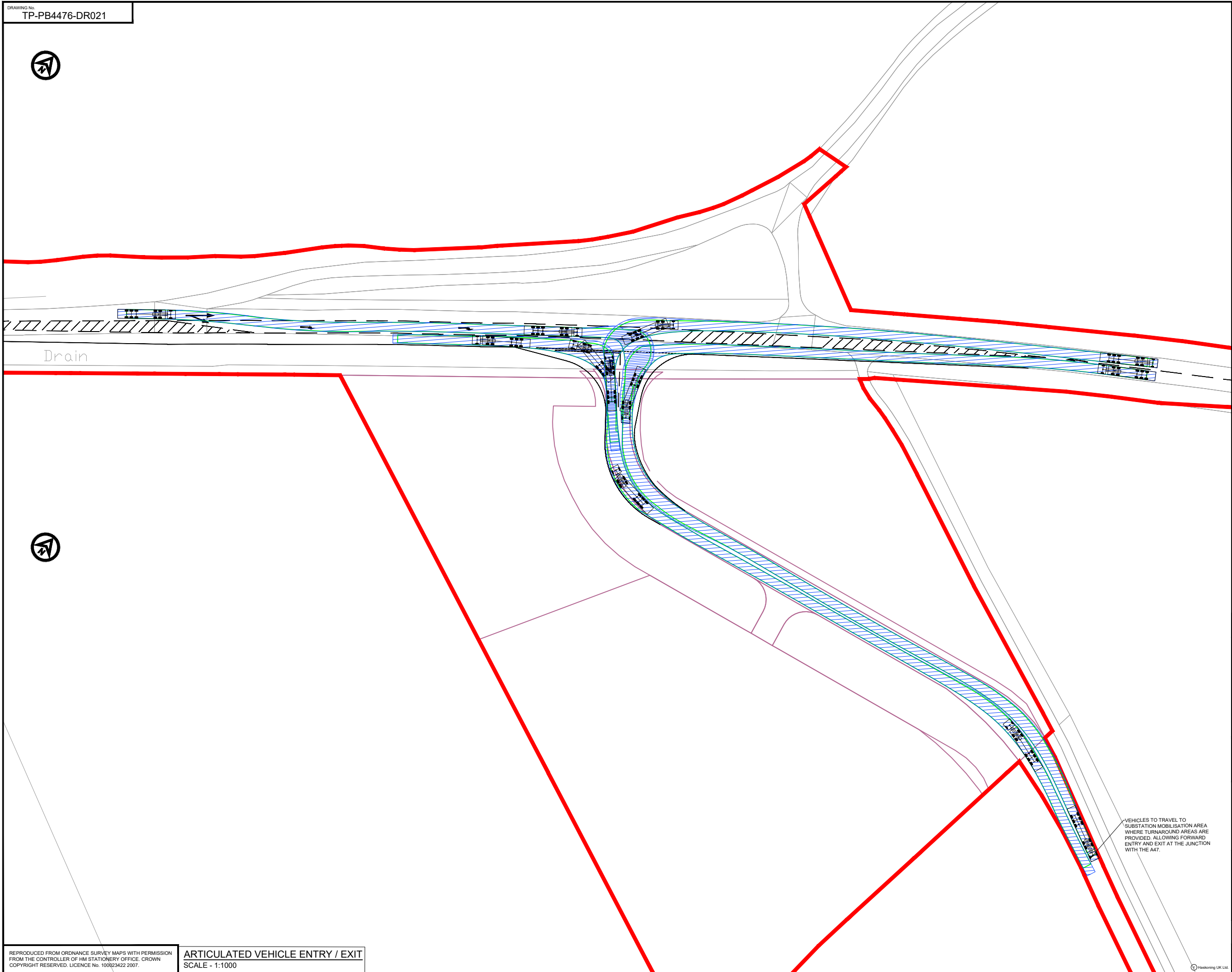
NORFOLK VANGUARD OFFSHORE WIND FARM

TITLE

A47 NATIONAL GRID SUBSTATION AC181  
LARGE TIPPER  
SWEEP PATH ANALYSIS  
(LEFT TURN IN / LEFT TURN OUT)



DRAWN	JL	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A3	1:250	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR018	REVISION	F1.0		
CLIENT DWG No.					

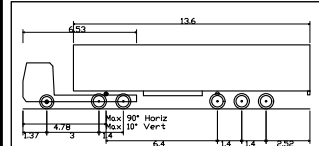


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KEY

ORDER LIMITS

VEHICLE TRACKING



Max Legal Length (UK) Articulated Vehicle (C)  
Overall Length 16.500m  
Overall Width 2.500m  
Overall Body Height 3.681m  
Min Body Ground Clearance 0.411m  
Max Track Width 2.500m  
Lock to lock time 6.00s  
Kerb to kerb Turning Radius 6.530m

VEHICLE BODY SWEEP PATH (FORWARD GEAR)

VEHICLE CHASSIS SWEEP PATH

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F1.0	02/19	Updated in accordance with HE comments	J1	RNE	ADR
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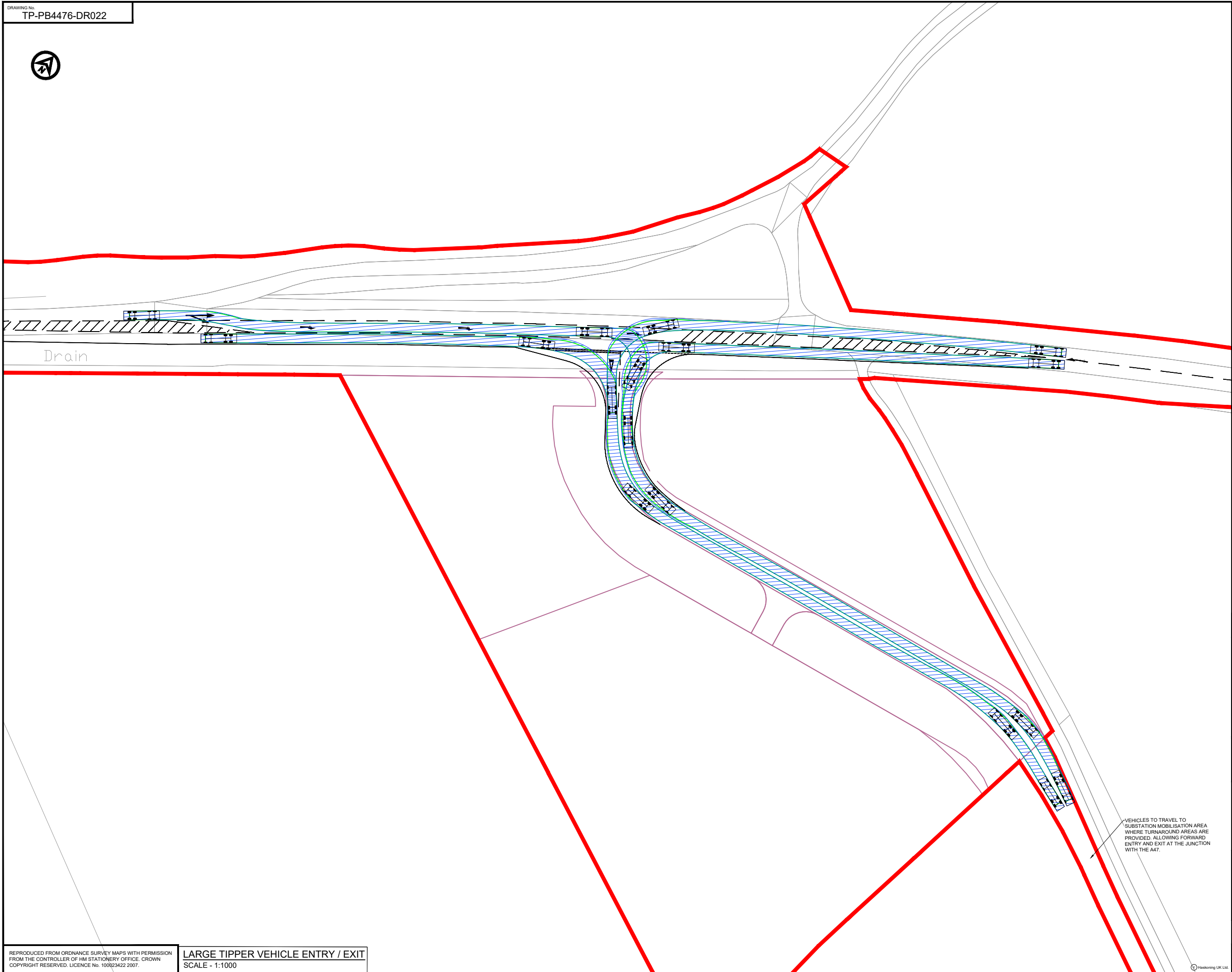
**VATTENFALL**

PROJECT  
NORFOLK VANGUARD OFFSHORE  
WIND FARM

TITLE  
A47 SUBSTATION  
AC 183 CONCEPT  
ARTICULATED VEHICLE SPA



DRAWN	J1	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A3	1:1000	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR021	REVISION	F1.0		
CLIENT DWG No.					

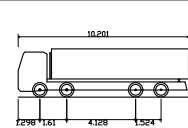


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KEY

— ORDER LIMITS

VEHICLE TRACKING



Large Tipper:  
Overall Length 10.201m  
Overall Width 2.435m  
Overall Body Height 2.890m  
Min Body Ground Clearance 0.341m  
Track Width 2.471m  
Lock to lock time 6.005s  
Kerb to Kerb Turning Radius 11.550m

▨ VEHICLE BODY SWEEP PATH (FORWARD GEAR)

— VEHICLE CHASSIS SWEEP PATH

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F1.0	02/19	Updated in accordance with HE comments	J1	RNE	ADR
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REV	DATE	DESCRIPTION	BY	CHK	APP

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CLIENT

**VATTENFALL**

PROJECT  
NORFOLK VANGUARD OFFSHORE  
WIND FARM

TITLE  
A47 SUBSTATION  
AC 183 CONCEPT  
LARGE TIPPER SPA



DRAWN	J1	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A1	1:1000	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR022	REVISION	F1.0		
CLIENT DWG No.					

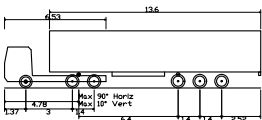


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KEY

ORDER LIMITS

VEHICLE TRACKING



Max Legal Length (UK) Articulated Vehicle (16.5m)  
Overall Length 16.500m  
Overall Width 2.550m  
Overall Body Height 3.681m  
Min Body Ground Clearance 0.41m  
Max Track Width 2.500m  
Lock to lock time 9.60s  
Kerb to Kerb Turning Radius 6.530m

VEHICLE BODY SWEEP PATH (FORWARD GEAR)

VEHICLE CHASSIS SWEEP PATH

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F1.0	02/19	Updated in accordance with HE comments	Jl	RNE	ADR
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REV	DATE	DESCRIPTION	BY	CHK	APP

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**VATTENFALL**

PROJECT

NORFOLK VANGUARD OFFSHORE  
WIND FARM

TITLE

A47 NATIONAL GRID OHLMW  
AC 182  
ARTICULATED VEHICLE SWEEP  
PATH ANALYSIS



DRAWN	Jl	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A3	1:250	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR023	REVISION			
CLIENT DWG No.					F1.0



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**KEY**  
— ORDER LIMITS

**VEHICLE TRACKING**

Large Tipper	10.201m
Overall Length	2.491m
Overall Width	2.890m
Overall Body Height	0.341m
Min Body Ground Clearance	2.471m
Track Width	6.905s
Lock to Lock Time	11.350m
Kerb to Kerb Turning Radius	

VEHICLE BODY SWEEP PATH (FORWARD GEAR)  
 VEHICLE CHASSIS SWEEP PATH

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F1.0	02/19	Updated in accordance with HE comments	JL	RNE	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

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**VATTENFALL**

PROJECT  
NORFOLK VANGUARD OFFSHORE WIND FARM

TITLE  
A47 NATIONAL GRID OHLMW AC182  
LARGE TIPPER SWEEP PATH ANALYSIS

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DRAWN	JL	CHECKED	RNE	APPROVED	ADR
DATE	31.08.18	SCALE AT A3	1:250	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR024	REVISION			
CLIENT DWG No.					F1.0