

Norfolk Vanguard Offshore Wind Farm

Outline Access

Management Plan

Appendix B

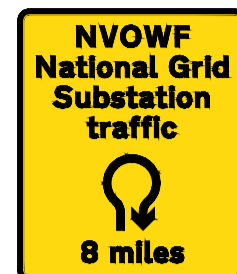
Deadline 8

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





Scheme Ref.	NVOWF	1:1 height	180.0
Code	W000	1:1 height	180.0
Letter colour	Black	1:1 height	180.0
Background	Yellow	1:1 height	180.0
Material	Class R42 (13899-1:2007)	Area	2.71m²



Scheme Ref.	NVOWF	1:1 height	180.0
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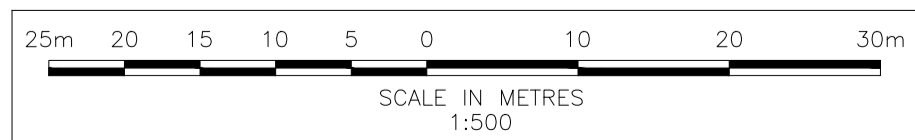


CONSIDERATION OF CLOSING 'THE GROVE' SOUTHERN ACCESS DURING CONSTRUCTION

1:10 TAPER IN ACCORDANCE WITH TD42 (PARA. 7.17)

EXISTING GRASSCRETE ACCESS TO BE REMOVED AND REPLACED WITH FULL DEPTH CARRIAGEWAY CONSTRUCTION (DESIGN TBD)

1:10 TAPER IN ACCORDANCE WITH TD42 (PARA. 7.17)



NOTES

- Do not scale from this drawing. All dimensions are in metres unless noted otherwise.
- This drawing has been based upon Ordnance Survey Maps and Royal HaskoningDHV can not guarantee the accuracy of data.
- Visibility
- Stopping Sight Distance (SSD) for design speed of the road.
- X-distance - the set back from the nearest edge of the carriageway from which the access will be taken
- Y-distance - the SSD measured along the nearest edge of the carriageway to its intersection with the centreline of the access.
- All vegetation to be cleared/trimmed within identified visibility envelope.

Road Signs

- All temporary traffic signs to be mounted on suitable A-Frames weighted down with sandbags as per supplier recommendations.
- All temporary traffic signs to be set out in accordance with the requirements of Traffic Signs Manual Chapter 8, the Traffic Signs Regulations and General Directions 2016 and TD42 during the detailed design stage.
- Setting out of signs to be undertaken only by approved traffic management operatives.

KEY

- ORDER LIMITS
- EXISTING METELED ROAD BOUNDARY
- VISIBILITY SPLAY
- APPROXIMATE SIGN LOCATION
- LAND REQUIRED TO BE CLEAR TO ACHIEVE VISIBILITY
- EXISTING GRASSCRETE

DRAFT - NOT FOR CONSTRUCTION

F1.0	02/19	Updated in accordance with HE comments	JI	RNE	ADR
D.03	10/18	Traffic Signs Added	JI	RNE	ADR
D.02	04/18	Order Limit updated	RNE	PC	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

CLIENT

VATTENFALL

PROJECT


**NORFOLK VANGUARD
OFFSHORE WIND FARM**

TITLE


**A47 NATIONAL GRID SUBSTATION
AC181
CONCEPT DRAWING
(LEFT TURN IN / LEFT TURN OUT)**

Royal HaskoningDHV
Enhancing Society Together


DRAWN	RNE	CHECKED	ST	APPROVED	ADR
DATE	10.01.2018	SCALE AT A1	1:500 unco	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR012				REVISION
CLIENT DWG No.					F1.0




Sign Ref:	TS-007	to signpost	100.0
Sign Ref:	TS-008	to signpost	100.0
Letter colour:	BLACK	to signpost	100.0
Background:	YELLOW	to signpost	100.0
Dimensions:	1000mm	to signpost	100.0
Material:	Class R42 (13099-1:2007)	to signpost	100.0




Sign Ref:	TS-009	to signpost	100.0
Sign Ref:	TS-010	to signpost	100.0
Letter colour:	BLACK	to signpost	100.0
Background:	YELLOW	to signpost	100.0
Dimensions:	1000mm	to signpost	100.0
Material:	Class R42 (13099-1:2007)	to signpost	100.0



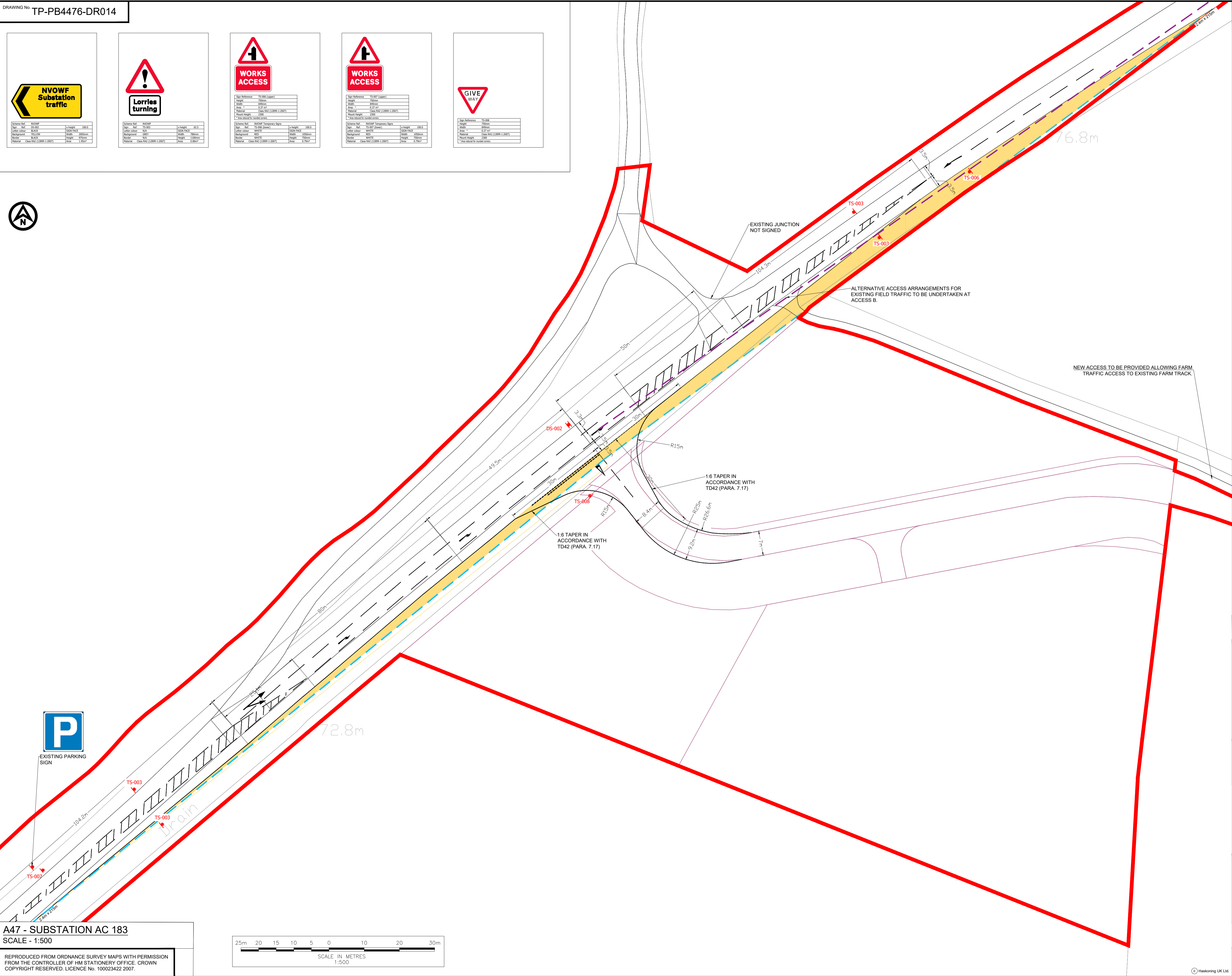
Sign Reference:	TS-001 (upset)	to signpost	100.0
Sign Ref:	TS-002 (upset)	to signpost	100.0
Letter colour:	BLACK	to signpost	100.0
Background:	YELLOW	to signpost	100.0
Dimensions:	1000mm	to signpost	100.0
Material:	Class R42 (13099-1:2007)	to signpost	100.0



Sign Reference:	TS-003 (upset)	to signpost	100.0
Sign Ref:	TS-004 (upset)	to signpost	100.0
Letter colour:	BLACK	to signpost	100.0
Background:	YELLOW	to signpost	100.0
Dimensions:	1000mm	to signpost	100.0
Material:	Class R42 (13099-1:2007)	to signpost	100.0



Sign Reference:	TS-005	to signpost	100.0
Sign Ref:	TS-006	to signpost	100.0
Letter colour:	BLACK	to signpost	100.0
Background:	YELLOW	to signpost	100.0
Dimensions:	1000mm	to signpost	100.0
Material:	Class R42 (13099-1:2007)	to signpost	100.0



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- Visibility**
- Stopping Sight Distance (SSD) for design speed of the road.
 - X-distance - the set back from the nearest edge of the carriageway from which the access will be taken.
 - Y-distance - the SSD measured along the nearest edge of the carriageway to its intersection with the centreline of the access.
 - All vegetation to be cleared/trimmed within identified visibility envelope.
- Road Signs**
- All permanent traffic signs to be set out in accordance with the requirements of Traffic Signs Manual Chapter 1-7, The Traffic Signs Regulations and General Directions 2016 and DMRB TD42 during the detailed design stage.
 - Setting out of signs to be undertaken only by approved traffic management operatives.

- KEY**
- ORDER LIMITS
 - EXISTING METALLED ROAD BOUNDARY
 - PROPOSED ACCESS BOUNDARY/ROAD MARKINGS
 - VISIBILITY SPLAY
 - FORWARD VISIBILITY SPLAY FOR RIGHT TURNING VEHICLES
 - PROPOSED GATE
 - APPROXIMATE SIGN LOCATION
 - LAND REQUIRED FOR VISIBILITY SPLAYS

DRAFT - NOT FOR CONSTRUCTION

F1.0	02/19	Updated in accordance with HE comments	JL	RNE	ADR
D.03	10/18	Traffic Signs Added	JL	RNE	ADR
D.02	04/18	Order Limit updated	RNE	PC	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

CLIENT

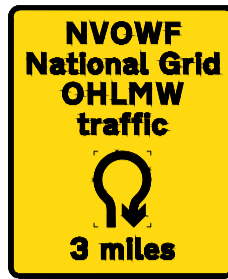
VATTENFALL

NORFOLK VANGUARD OFFSHORE WIND FARM

A47 NORFOLK VANGUARD ONSHORE PROJECT SUBSTATION AC183 CONCEPT

Royal HaskoningDHV
Enhancing Society Together

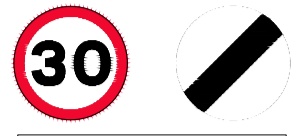
DRAWN	RNE	CHECKED	ST	APPROVED	ADR
DATE	10.01.2018	SCALE AT A1	1:500 una	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR014	REVISION			
CLIENT DWG No.					F1.0



Sign Reference	TS-001
Sign	TS-001
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-002
Sign	TS-002
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-003
Sign	TS-003
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-004
Sign	TS-004
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-005
Sign	TS-005
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-006
Sign	TS-006
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)



Sign Reference	TS-007
Sign	TS-007
Height	750mm
Width	450mm
Depth	150mm
Material	Class R42 (1/2000 1/2007)

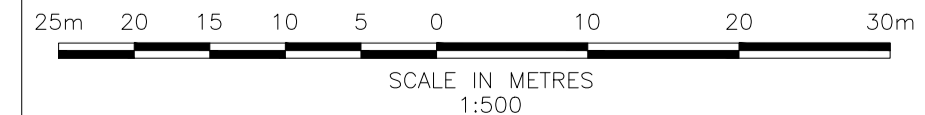


CONSIDERATION OF CLOSING THE GROVE NORTHERN ACCESS DURING CONSTRUCTION FOR A PERIOD OF 2 ONE WEEK DURATIONS SEPERATED BY APPROXIMATELY 6 MONTHS.



A47 - SUBSTATION AC182
SCALE - 1:500

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- Visibility
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 - All vegetation to be cleared/trimmed within identified visibility envelope.
- Road Signs
- All temporary traffic signs to be mounted on suitable A-Frames weighted down with sandbags as per supplier recommendations.
 - All temporary traffic signs to be set out in accordance with the requirements of Traffic Signs Manual Chapter 8, Traffic Signs Regulations and General Direction and DMRB TD42.
 - Setting out of signs to be undertaken only by approved traffic management operatives.
- Enforcement Measures
- enforcement measures to be determined with NCC in partnership with other organisations such as the Police and Fire and Rescue.

- KEY
- ORDER LIMITS
 - EXISTING METALLED ROAD BOUNDARY
 - PROPOSED ACCESS BOUNDARY/ROAD MARKINGS
 - VISIBILITY SPPLAY
 - PROPOSED GATE
 - APPROXIMATE SIGN LOCATION
 - LAND REQUIRED TO BE CLEAR TO ACHIEVE VISIBILITY

DRAFT - NOT FOR CONSTRUCTION

D.04	02/19	Updated in accordance with HE comments	JL	RNE	ADR
D.03	30/18	Traffic Signs Added	JL	RNE	ADR
D.02	04/18	Order Limit updated	RNE	PC	ADR
D.01		FIRST ISSUE			
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

CLIENT

VATTENFALL

PROJECT
NORFOLK VANGUARD
OFFSHORE WIND FARM

TITLE
A47 NATIONAL GRID OHLMW
AC182
CONCEPT (TEMPORARY)

Royal HaskoningDHV
Enhancing Society Together

DRAWN	RNE	CHECKED	ST	APPROVED	ADR
DATE	10.01.2018	SCALE AT A1	1:500 una	CLIENTS REF.	
DRAWING No.	TP-PB4476-DR015	REVISION			
CLIENT DWG No.					D0.4