

**From:** Dominika Phillips <DOMPH@orsted.co.uk>

**Sent:** 08 February 2019 21:08

**To:** KJ Johansson <KJ.JOHANSSON@planninginspectorate.gov.uk>; Kay Sully <Kay.Sully@pins.gsi.gov.uk>; Hornsea Project Three <HornseaProjectThree@pins.gsi.gov.uk>

**Cc:** Andrew Guyton <ANGUY@orsted.co.uk>; Stuart Livesey <STLIV@orsted.co.uk>

**Subject:** Hornsea Project Three (UK) Ltd response to Deadline 6 (Part 2)

Dear Kay, K-J

Please find attached the 2<sup>nd</sup> instalment of documents.

Best regards,

**Dr Dominika Chalder PIEMA**

Environment and Consent Manager

[REDACTED]

Environmental Management UK! Wind Power  
5 Howick Place | London | SW1P 1WG



Please consider the environment before printing this e-mail

\*\*\*\*\*

This communication contains information which is confidential and is for the exclusive use of the addressee(s).

If you are not a named addressee, please inform the sender immediately and also delete the communication from your system.

Orsted Power (UK) Limited is registered in England

Registered number: 04984787

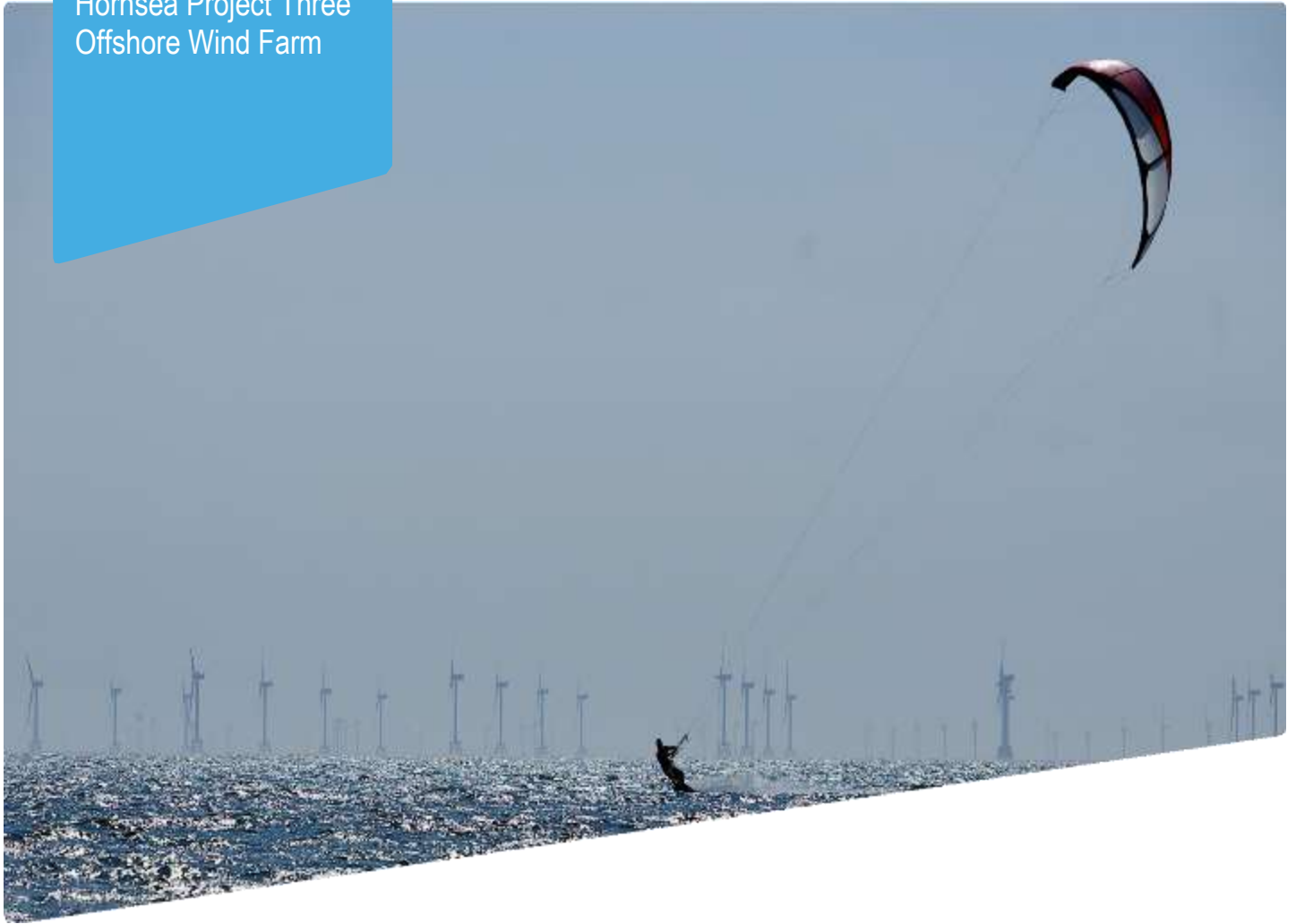
Registered Address: 5 Howick Place, London, SW1P 1WG

The Company is a wholly owned subsidiary of Orsted A/S (a company registered in Denmark)

More information on the business of the Orsted group can be found at [www.orsted.com](http://www.orsted.com)

Disclaimer version 1.1

Hornsea Project Three  
Offshore Wind Farm



## Hornsea Project Three Offshore Wind Farm

### Appendix 3a to Deadline 6 submission - Annex A - Hornsea Three Highway Intervention Schemes (The Street)

**Date:** 8<sup>th</sup> February 2019

Document Control			
Document Properties			
Organisation	Ørsted Hornsea Project Three		
Author	RPS Group / Create Consulting Ltd		
Checked by	Sarah Drljaca		
Approved by	Andrew Guyton		
Title	Appendix 3a to Deadline 6 submission - Annex A - Hornsea Three Highway Intervention Schemes (The Street)		
PINS Document Number	REP4-024		
Version History			
Date	Version	Status	Description / Changes
14/05/2018	1	Final	Submitted with Application Documents (APP-176)
07/11/2018	A	Final	Submitted at Deadline 1 (7 <sup>th</sup> Nov 2018) – REP1-146
15/01/2019	B	Final	Submitted at Deadline 4 (15 <sup>th</sup> Jan 2019) – REP4-024
08/02/2019	C	Final	Submitted at Deadline 6 (8 <sup>th</sup> Feb 2019)

Ørsted

5 Howick Place,

London, SW1P 1WG

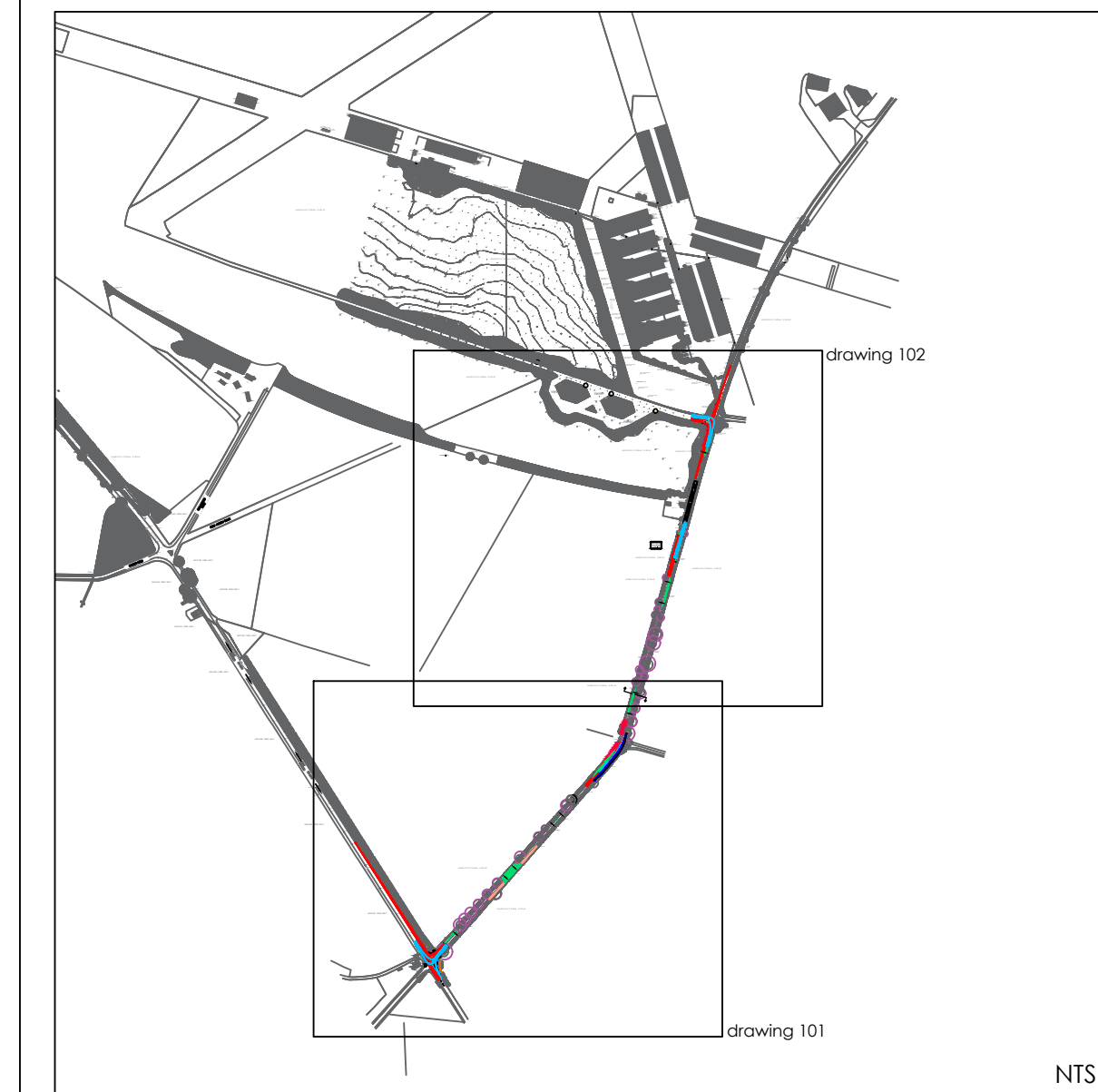
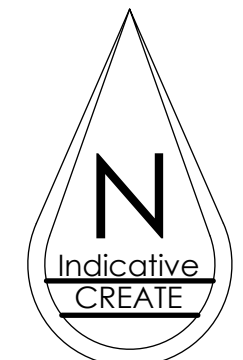
© Orsted Power (UK) Ltd, 2019. All rights reserved

Front cover picture: Kite surfer near a UK offshore wind farm © Ørsted Hornsea Project Three (UK) Ltd., 2019.

## **Annex A – Hornsea Three Highway Intervention Schemes**

### **THE STREET - OULTON**






GENERAL NOTES:

- ©Crown Copyright 2018. All rights reserved. Licence number 100022432

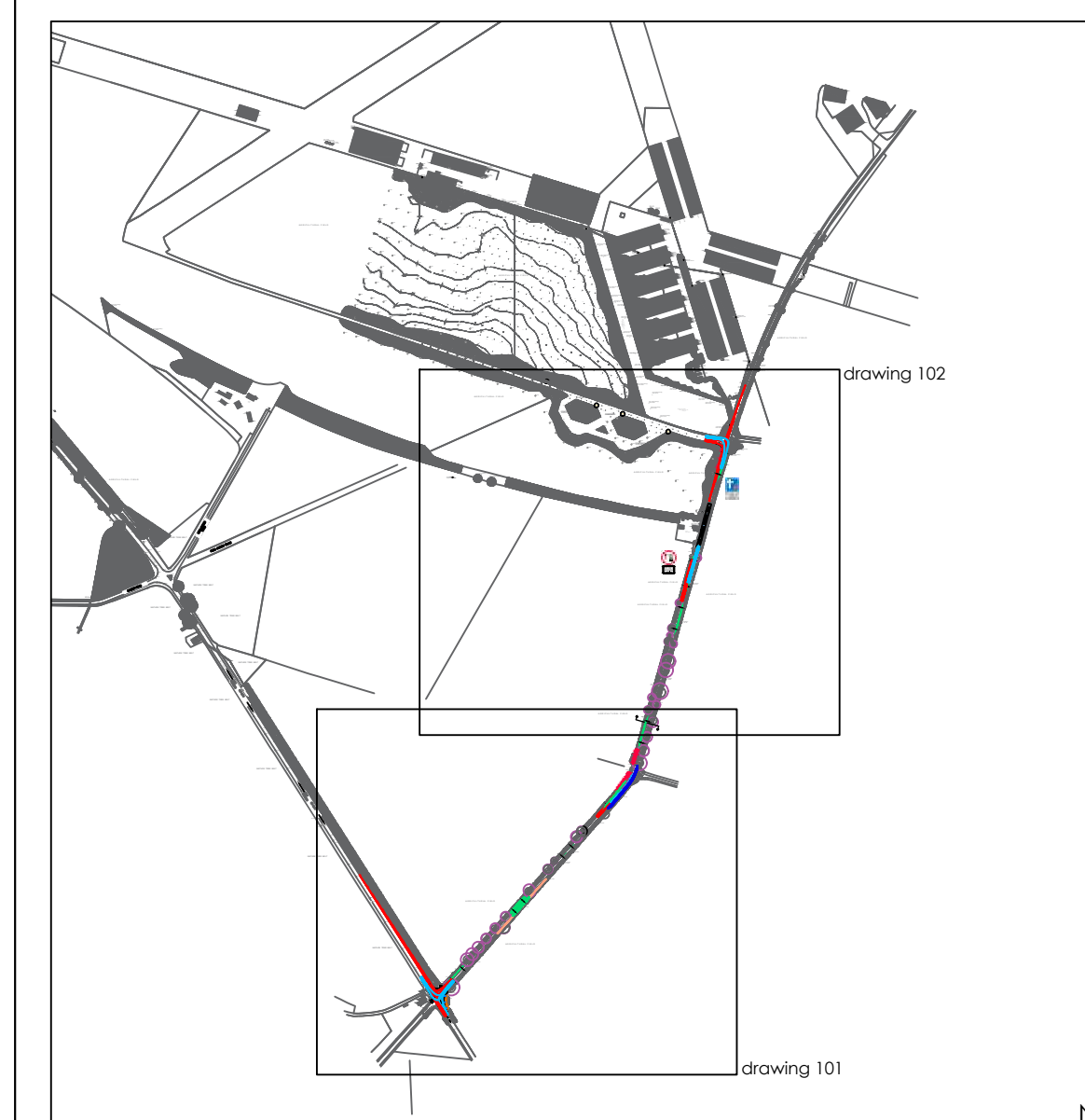
Create Consulting Engineers accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions are to be worked to. COPYRIGHT © RESERVED

A	15.11.18	ROAD WIDENING ON THE BEND	EC	PZ
REV	DATE	AMENDMENT DETAILS	DRAWN	APPROVED
<b>Telephone: 01603 877010</b>				

PROJECT HORNSEA 3 OFF-SHORE WIND FARM		DATE 18.09.18	DRAWING STATUS INFORMATION		
DRAWING TITLE PROPOSED IMPROVEMENTS THE STREET, OULTON (OPTION 1) SHEET 1 OF 2		SCALE(S) 1:1,000	DESIGNED MDA	DRAWN MDA	
			CHECKED PZ	APPROVED PZ	
		JOB No  1554			
CLIENT ORSTED	DRAWING No  03/101	REVISION  A			

[www.createconsultingengineers.co.uk](http://www.createconsultingengineers.co.uk)






GENERAL NOTES:

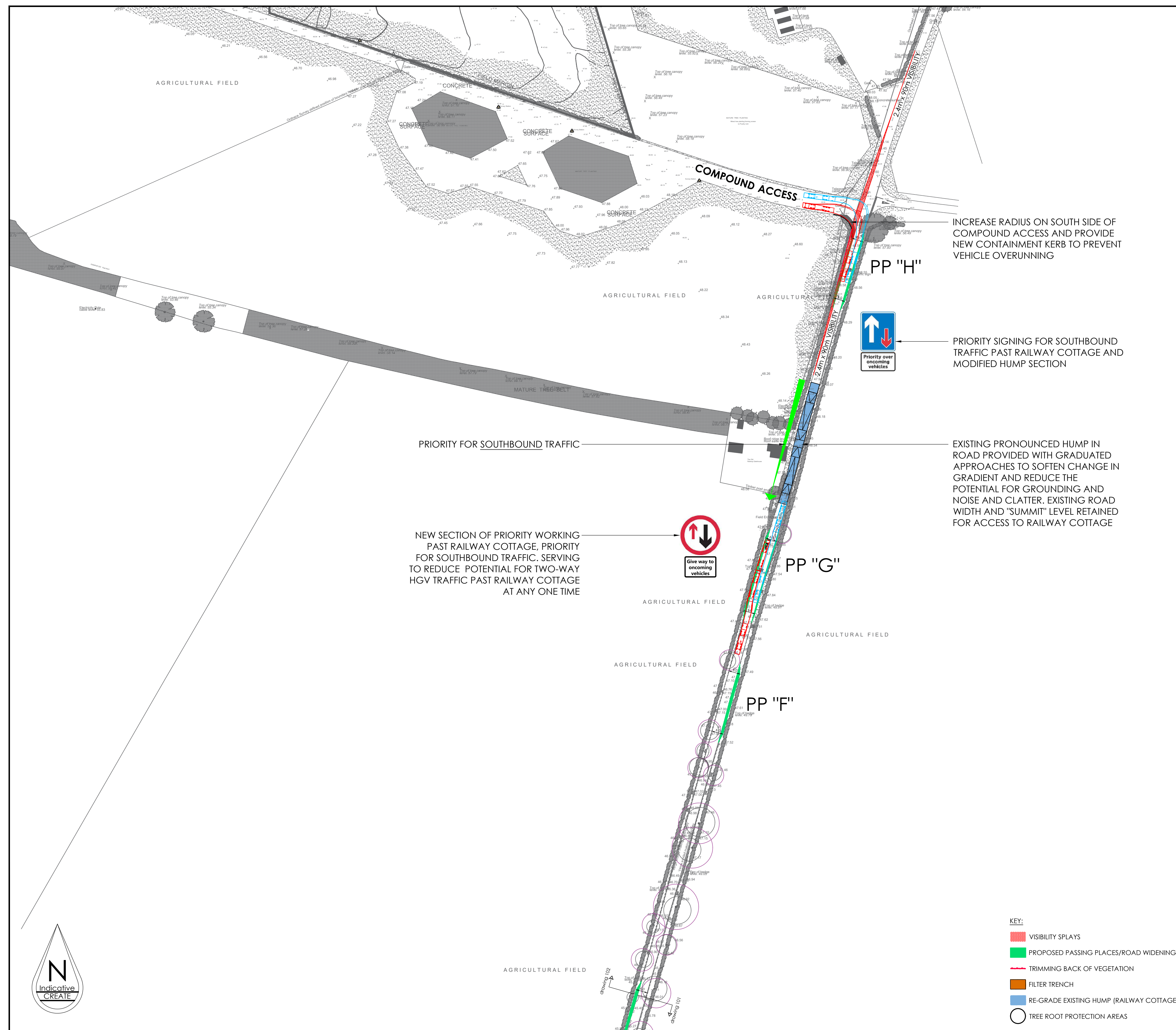
1. PASSING PLACES (PP) TO BE FORMED BY SHALLOW-DIG CELLULAR SYSTEM (E.G. GRASSCRETE, OR SIMILAR) PROVIDING LOCALISED 6.0m OVERALL ROAD WIDTH, WITH PERMEABLE DRAINAGE TO SUB-STRATA. PASSING PLACES ARE LOCATED AND SPECIFIED WITH SHALLOW-DIG CELLULAR SYSTEM SO TO MINIMISE IMPACT OF THEIR CONSTRUCTION ON EXISTING TREE ROOT PROTECTION AREAS.
2. THE DRAWING IS BASED ON A TOPOGRAPHIC SURVEY UNDERTAKEN BY PLANDESCIL REF 17697 IN CONJUNCTION WITH DIGITAL OS MAPPING.
3. ANY EXCAVATION CLOSE TO TREES/HEDGES TO BE CARRIED OUT IN ACCORDANCE WITH NJUG GUIDELINES.
4. SERVICES ARE TO BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
5. TO BE READ IN CONJUNCTION WITH ALL OTHER LAYOUT AND DETAIL DRAWINGS.
6. ACCESS FOR PEDESTRIANS AND CYCLISTS IS TO BE MAINTAINED AT ALL TIMES. ACCESSSES TO PROPERTIES ARE TO BE MAINTAINED AND WORKS PROGRAMMED IN CONSULTATION WITH PROPERTY OWNERS.
7. ANY ROAD MARKINGS/ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE SI DOCUMENT "TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS, 2016"

Create Consulting Engineers accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions are to be worked to. COPYRIGHT © RESERVED

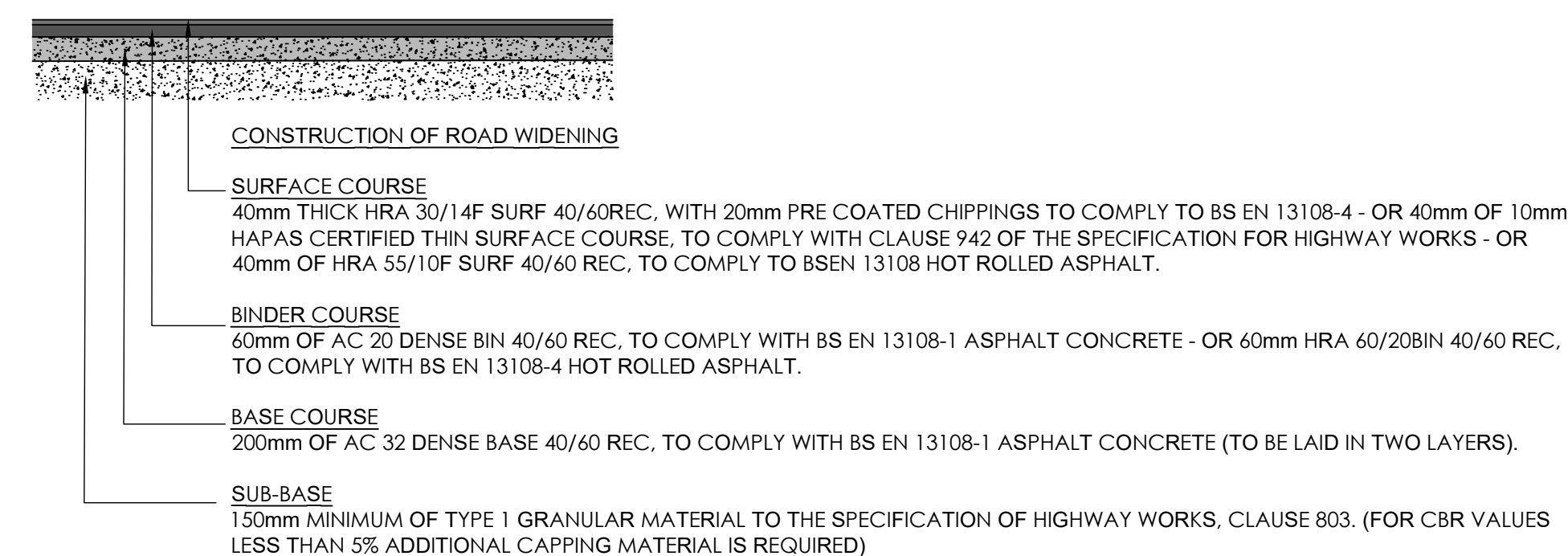
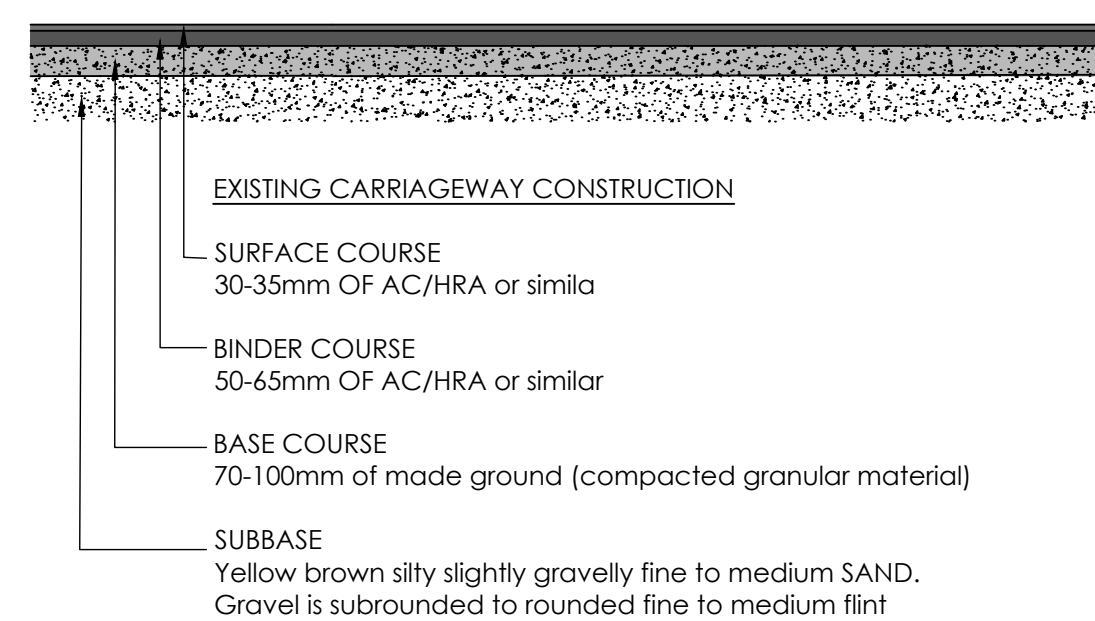
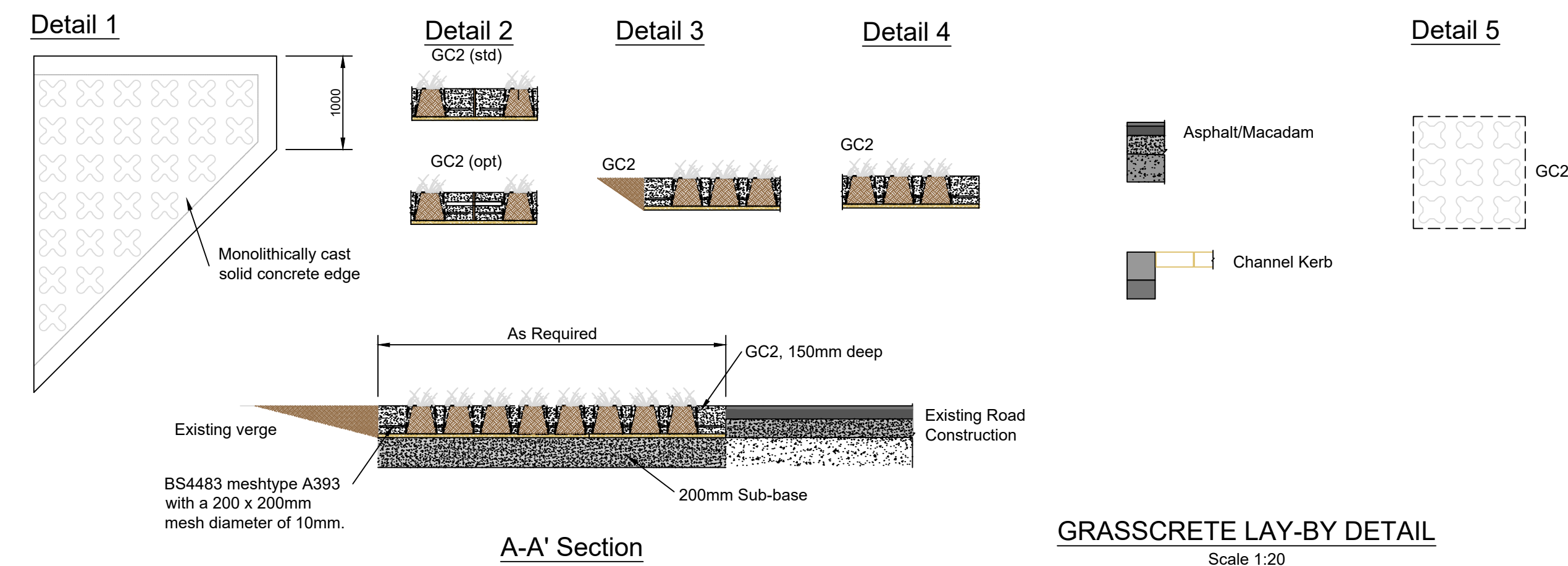
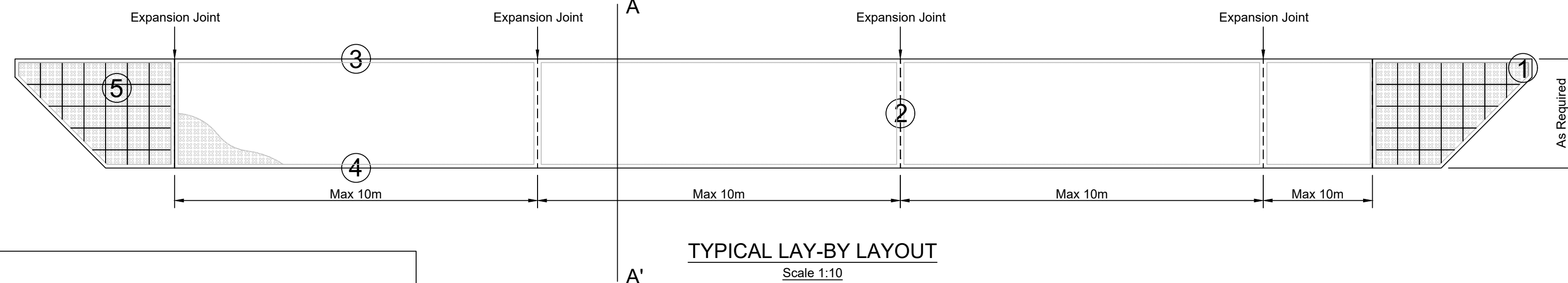
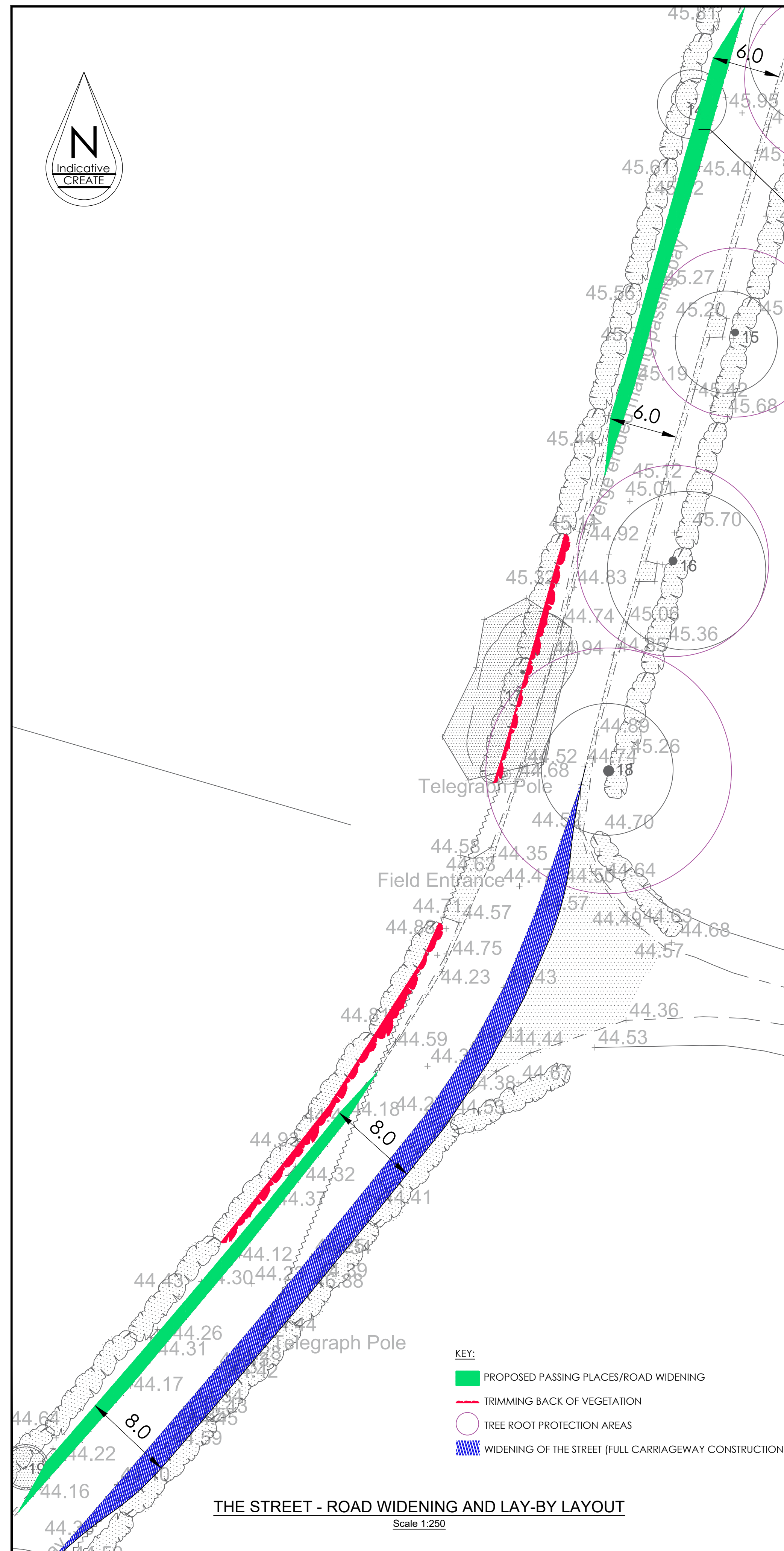
A	15.11.18	ROAD WIDENING ON THE BEND		EC PZ
REV	DATE	AMENDMENT DETAILS		DRAWN APPROVED

PROJECT HORNSEA 3 OFF-SHORE WIND FARM	DATE 18.09.18 SCALE(S) 1:1,000	DRAWING STATUS INFORMATION DESIGNED MDA DRAWN MDA CHECKED FZ APPROVED FZ	
DRAWING TITLE PROPOSED IMPROVEMENTS THE STREET, OULTON (OPTION 1) SHEET 2 OF 2	JOB No  1554		
CLIENT ORSTED	DRAWING No  03/102	REVISION  A	

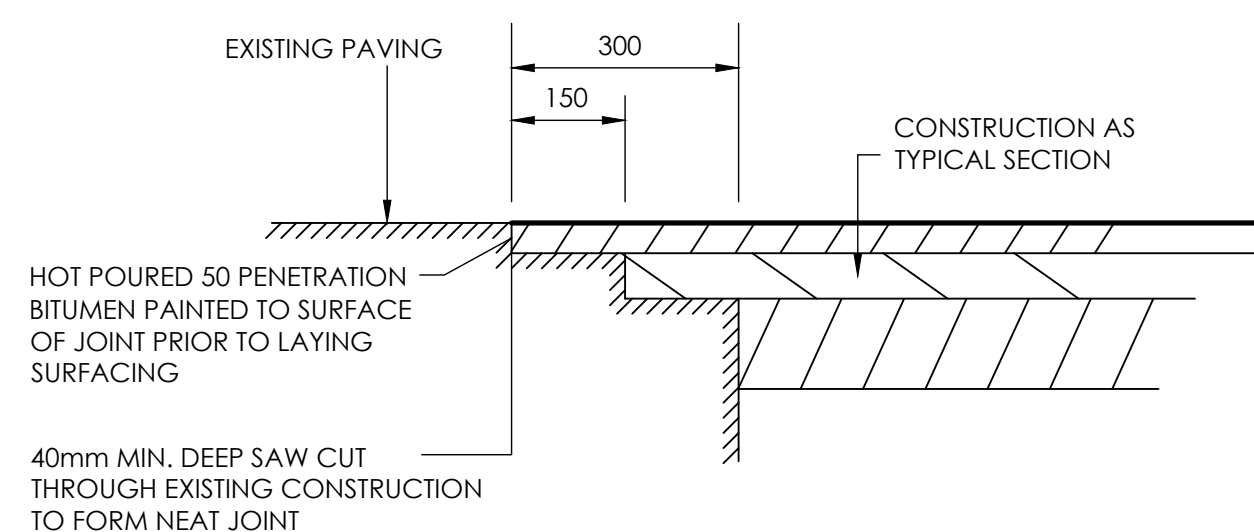
DO NOT SCALE ORIGINAL SHEET SIZE - A1 Landscape







NOTE: EXISTING ROAD CONSTRUCTION OBTAINED FROM PAVEMENT ASSESSMENT UNDERTAKEN BY AF HOWLAND ASSOCIATES ON THE 26TH NOVEMBER 2018. FOUR ROAD CORING TESTS UNDERTAKEN ALONG THE STREET, CBR01 AND CBR04 FROM THE ASSESSMENT UNDERTAKEN WITHIN CARRIAGEWAY AND THE RESULTS WERE USED TO DETERMINE THE ROAD CONSTRUCTION OF THE STREET.



©Crown Copyright 2018. All rights reserved. Licence number 100022432


Create Consulting Engineers accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions are to be worked to. COPYRIGHT © RESERVED

GENERAL NOTES:

1. GC2 GRASSCRETE IS RECOMMENDED FOR A 30-40 TONNE VEHICLE LOADING, HOWEVER, THIS IS AN INDICATION WHEN THE LOAD IS BASED ON TYPICAL NUMBER OF TYRES FOR VEHICLE TYPE, MULTIPLIED BY THE PERMISSIBLE POINT LOAD. FOR HEAVY GOODS VEHICLES THIS WILL NORMALLY FEATURE 10 TYRES BEING UTILISED TO ACHIEVE A 40.0 TONNE CAPABILITY, HOWEVER FOR ABNORMAL LOADS WITH MULTIPLE AXLES THIS HAS SEEN GRASSCRETE BEING USED FOR VEHICLES UP TO 220 TONNES GROSS VEHICLE WEIGHT.
2. THE DRAWING IS BASED ON A TOPOGRAPHIC SURVEY UNDERTAKEN BY PLANDESCIL REF 17697 IN CONJUNCTION WITH DIGITAL OS MAPPING.
3. ANY EXCAVATION CLOSE TO TREES/HEDGES TO BE CARRIED OUT IN ACCORDANCE WITH NJUG GUIDELINES.
4. SERVICES ARE TO BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
5. TO BE READ IN CONJUNCTION WITH ALL OTHER LAYOUT AND DETAIL DRAWINGS.
6. ANY ROAD MARKINGS/ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE SI DOCUMENT "TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS, 2016"

REV	DATE	AMENDMENT DETAILS			DRAWN APPROVED
<b>Telephone: 01603 877010</b>					

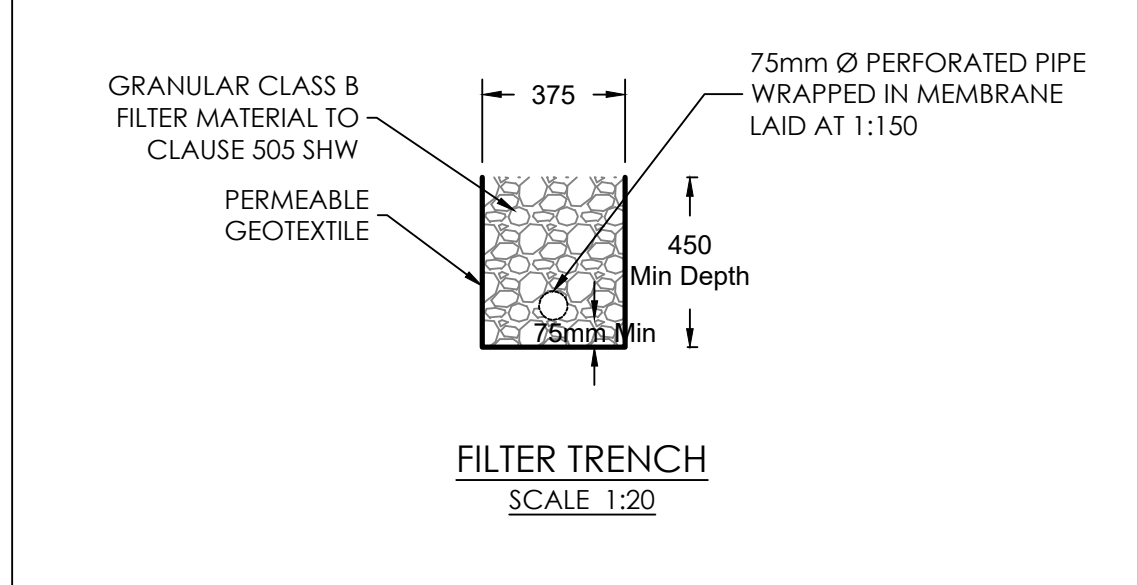
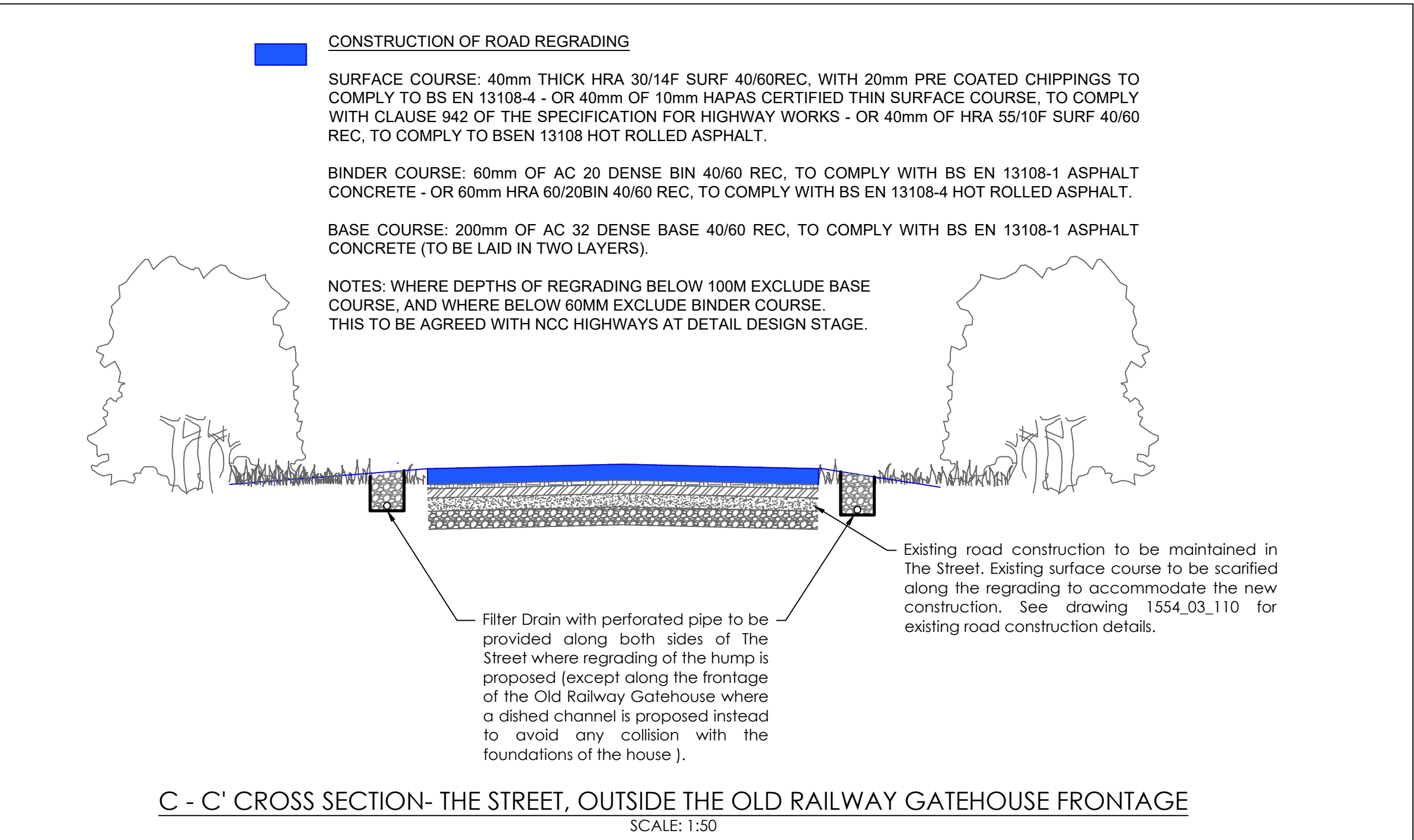
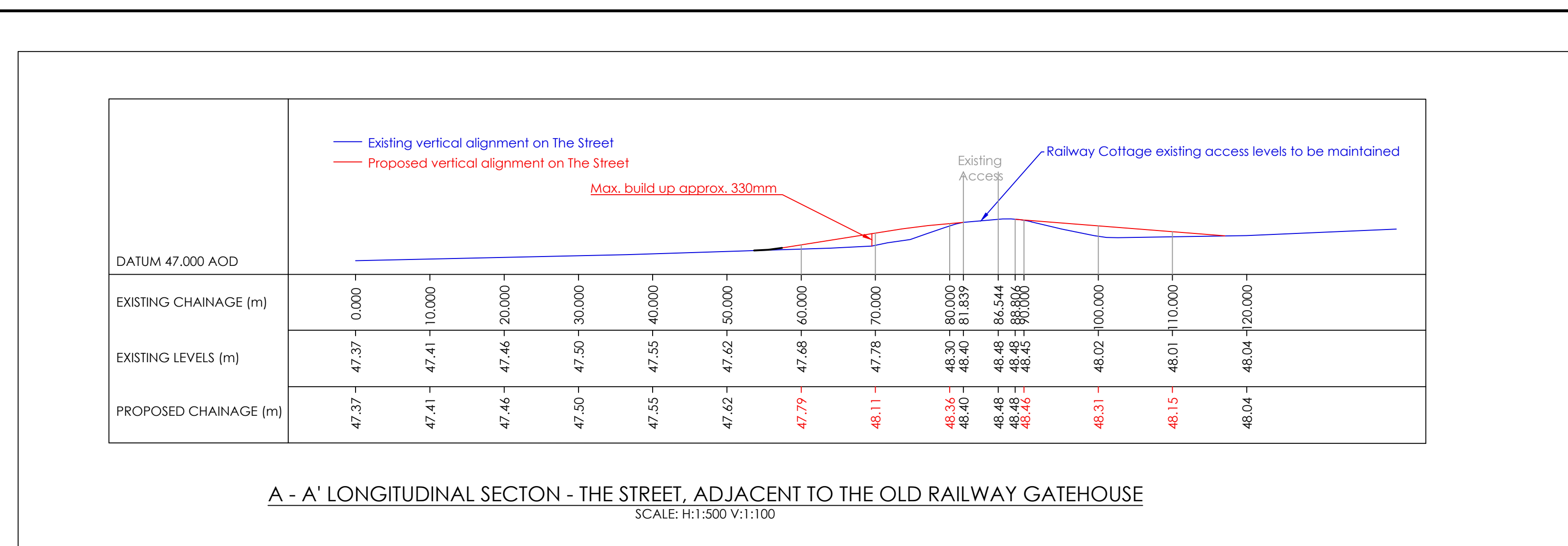
PROJECT HORNSEA 3 OFF-SHORE WIND FARM	DATE 16.11.18	INFORMATION	
	SCALE(S) AS SHOWN	DESIGNED EC	DRAWN EC
		CHECKED PZ	APPROVED PZ
DRAWING TITLE PROPOSED IMPROVEMENTS THE STREET, OULTON CONSTRUCTION DETAILS	JOB No 1554		
CLIENT ORSTED	DRAWING No 03/110	REVISION	




create  
CONSULTING  
ENGINEERS LTD

[www.createconsultingengineers.co.uk](http://www.createconsultingengineers.co.uk)






  
©Crown Copyright 2018. All rights reserved. Licence number 100022432

Create Consulting Engineers accept no responsibility for any unauthorised amendments to this drawing. Only figured dimensions are to be worked to.	COPYRIGHT © RESERVED
--	----------------------

- GENERAL NOTES:
1. THE DRAWING IS BASED ON A TOPOGRAPHIC SURVEY UNDERTAKEN BY PLANDESCIL RE 17697 IN CONJUNCTION WITH DIGITAL OS MAPPING.
  2. ANY EXCAVATION CLOSE TO TREES/HEDGES TO BE CARRIED OUT IN ACCORDANCE WITH NJUG GUIDELINES.
  3. SERVICES ARE TO BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
  4. TO BE READ IN CONJUNCTION WITH ALL OTHER LAYOUT AND DETAIL DRAWINGS.
  5. ACCESS FOR PEDESTRIANS AND CYCLISTS IS TO BE MAINTAINED AT ALL TIMES. ACCESS TO PROPERTIES ARE TO BE MAINTAINED AND WORKS PROGRAMMED IN CONSULTATION WITH PROPERTY OWNERS.
  6. ANY ROAD MARKINGS/ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE S DOCUMENT "TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS, 2016"

REV	DATE	AMENDMENT DETAILS	DRAWN	APPROVED
<p align="center"><b>Telephone: 01603 877010</b></p>				

PROJECT HORNSEA 3 OFF-SHORE WIND FARM	DATE 22.11.18	DRAWING STATUS INFORMATION		 <b>create</b> CONSULTING ENGINEERS LTD
DRAWING TITLE PROPOSED ROAD REGRADING OLD RAILWAY GATEHOUSE THE STREET, OULTON	SCALE(S) AS SHOWN	DESIGNED EC	DRAWN EC	
		CHECKED PZ	APPROVED PZ	
	JOB No  1554			
CLIENT ORSTED	DRAWING No  03/111		REVISION	

www.createconsultingengineers.co.uk