

A30 Chiverton to Carland Cross Environmental Statement

**Volume 6 Document Ref 6.4 ES Appendix 2.1
Traffic Management Plan
Appendix A5 Carland**

HA551502-ARP-GEN-SW-RP-CH-000001

C01 | A3

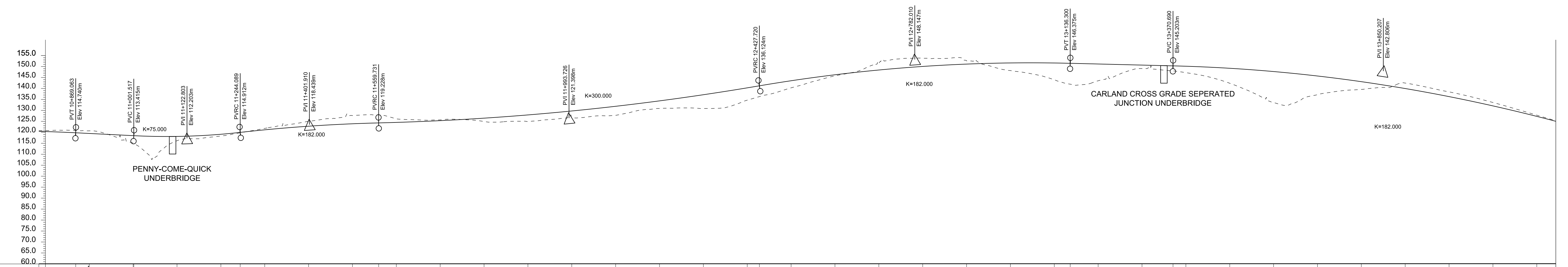
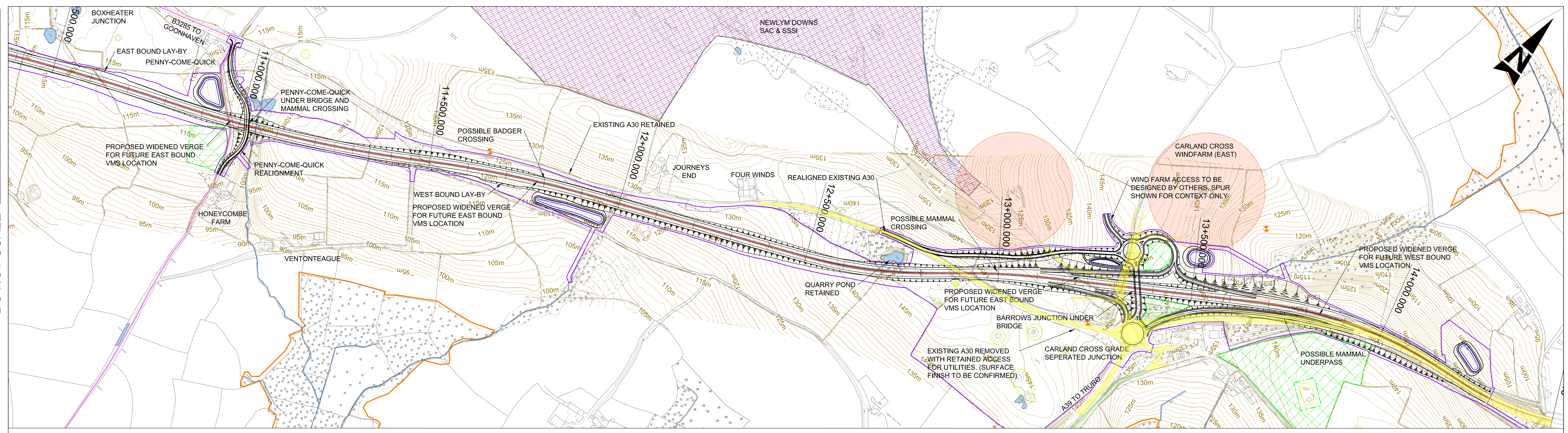
22/08/18

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 (as amended)
APFP Regulation 5(2)(a)

Table of Contents

1. Existing
2. Phase 1
3. Phase 2
4. Phase 3
5. Phase 4
6. Phase 5
7. Phase 6

DO NOT SCALE



VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																								
HORIZONTAL ALIGNMENT	R=3500.000m L=680.177m		R=2880.000m L=422.750m		Straight L=543.367m		Ls=120.920m R=1020.000m L=166.783m		Ls=60.460m L=188.105m Ls=60.460m		Straight L=458.597m		Ls=120.920m R=1020.000m L=349.608m																								
EXISTING LEVEL	115.729	115.620	110.055	111.107	113.271	116.730	119.918	122.586	121.100	120.584	119.876	119.827	121.441	122.656	125.824	125.797	125.588	135.202	140.645	146.646	146.704	147.547	143.061	138.861	138.400	143.973	142.106	137.269	128.453	132.086	134.445	137.993	134.860	137.353	133.336	126.493	122.709
PROPOSED LEVEL	115.300	114.431	113.431	113.077	114.057	116.076	117.728	118.831	119.456	120.257	121.391	122.859	124.860	126.794	129.261	132.062	135.197	138.434	141.155	143.327	144.950	146.023	146.546	146.520	146.057	145.557	145.033	144.097	142.612	140.577	137.993	134.860	131.177	126.944	122.162		
CHAINAGE	10+800.000	10+900.000	11+000.000	11+100.000	11+200.000	11+300.000	11+400.000	11+500.000	11+600.000	11+700.000	11+800.000	11+900.000	12+000.000	12+100.000	12+200.000	12+300.000	12+400.000	12+500.000	12+600.000	12+700.000	12+800.000	12+900.000	13+000.000	13+100.000	13+200.000	13+300.000	13+400.000	13+500.000	13+600.000	13+700.000	13+800.000	13+900.000	14+000.000	14+100.000	14+200.000		

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- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
- KEY:**
- CONTRACTORS TEMPORARY WORKS AREA
 - SCHEME BOUNDARY
 - SOLAR FARM
 - WIND FARM
 - REGISTERED PARK AND GARDEN
 - SCHEDULED ANCIENT MONUMENT
 - WIND TURBINE EXCLUSION ZONE
 - SITES OF SPECIAL SCIENTIFIC INTEREST
 - SPECIAL AREA OF CONSERVATION
 - COUNTY WILDLIFE SITE
 - CORNWALL WILDLIFE TRUST RESERVE
 - WORLD HERITAGE SITE
 - TREE PRESERVATION AREA
 - EXISTING WATERBODIES
 - EXISTING WATERCOURSES
 - HIGH VOLTAGE POWER LINE
 - LISTED BUILDING
 - FOOTPATH
 - CYCLEWAY
 - BYWAY
 - BRIDLEWAY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition			
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)			
PO1	20/09/17	DESIGN FIX 1				
Rev.	Date	Description	By	Chk'd	App'd	Auth'd

Suitability	Drawing Status
S3	SUITABLE FOR REVIEW & COMMENT

Client	Project Title
highways england	A30 CHIVERTON TO CARLAND CROSS

ARUP

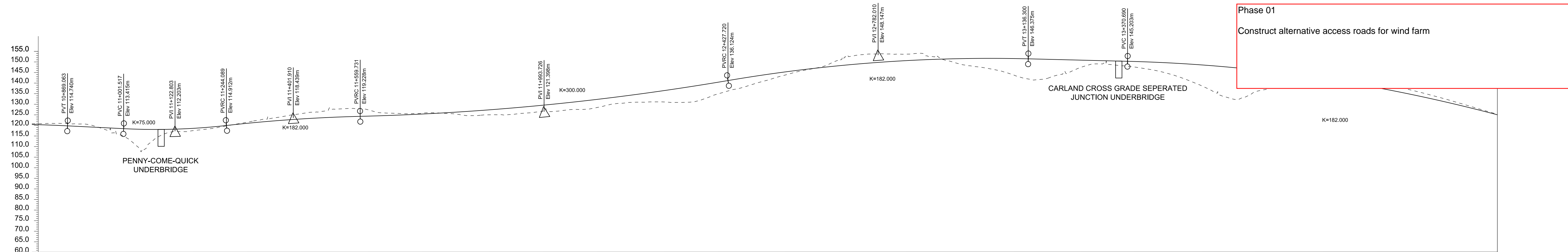
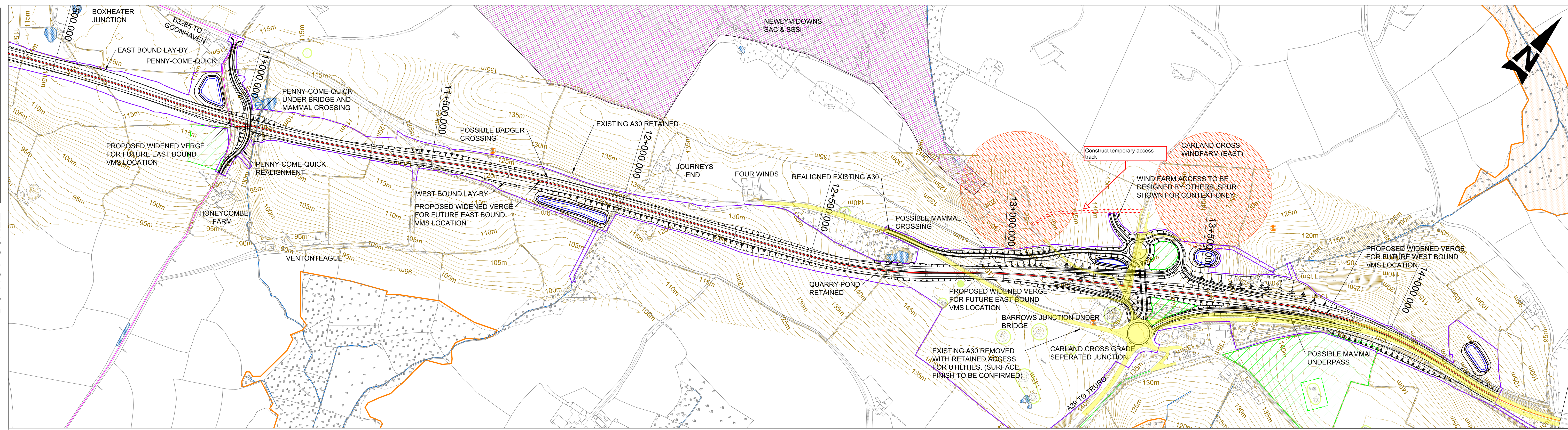
highways england



Drawing Title	
MAINLINE PLAN AND PROFILE SHEET 4	
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By	JD
Checked	JW
Approved	RC
Authorised	---
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Date	20/09/17
Date	20/09/17
Date	20/09/17
Date	---
Revision	---
Drawing Number	HA551502 - SW
HE PIN	Originator
ARP	Volume
-DR - CH - 000004	HML
Location	Type
	Role
	Number

P01

DO NOT SCALE



Phase 01
Construct alternative access roads for wind farm

VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																						
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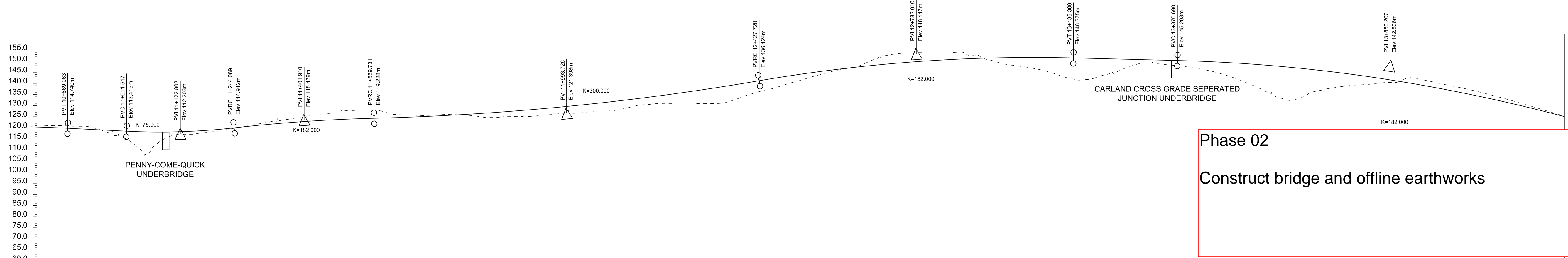
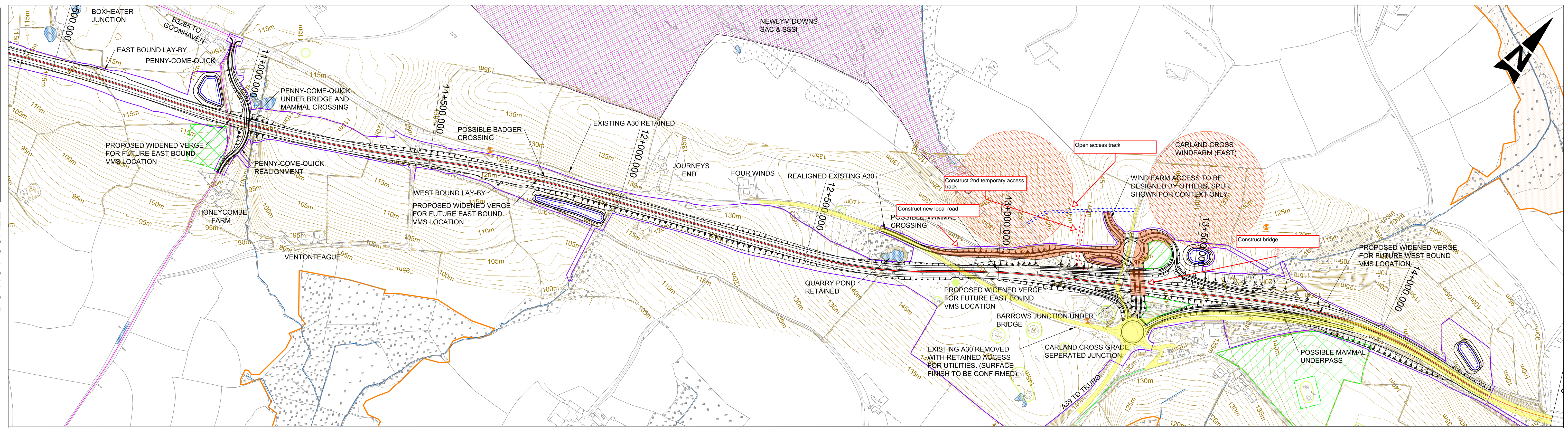
KEY:

CONTRACTORS TEMPORARY WORKS AREA	SITES OF SPECIAL SCIENTIFIC INTEREST	HIGH VOLTAGE POWER LINE
SCHEME BOUNDARY	SPECIAL AREA OF CONSERVATION	LISTED BUILDING
SOLAR FARM	COUNTY WILDLIFE SITE	FOOTPATH
WIND FARM	CORNWALL WILDLIFE TRUST RESERVE	CYCLEWAY
REGISTERED PARK AND GARDEN	WORLD HERITAGE SITE	BYWAY
SCHEDULED ANCIENT MONUMENT	TREE PRESERVATION AREA	BRIDLEWAY
WIND TURBINE EXCLUSION ZONE	EXISTING WATERBODIES	
	EXISTING WATERCOURSES	

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Construction (Enter "None" if applicable)			
Maintenance / Cleaning (Enter "None" if applicable)			
Use (Enter "None" if applicable)			
Decommissioning / Demolition (Enter "None" if applicable)	P01	20/09/17	DESIGN FIX 1
Rev.	Date	Description	By
			Chk'd App'd Auth'd

Suitability	Drawing Status	Project Title			
S3	SUITABLE FOR REVIEW & COMMENT	A30 CHIVERTON TO CARLAND CROSS			
		Drawing Title			
		MAINLINE PLAN AND PROFILE SHEET 4			
		Scale	By	Checked	Approved
		1:5000	JD	JW	RC
		Original Size	Date	Date	Date
		A1	20/09/17	20/09/17	20/09/17
		Drawing Number	Originator	Volume	Revision
		HA551502 - SW	ARP	HML	P01
		Location	Type	Role	Number

DO NOT SCALE



Phase 02
Construct bridge and offline earthworks

VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																						
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		European Union Development Fund



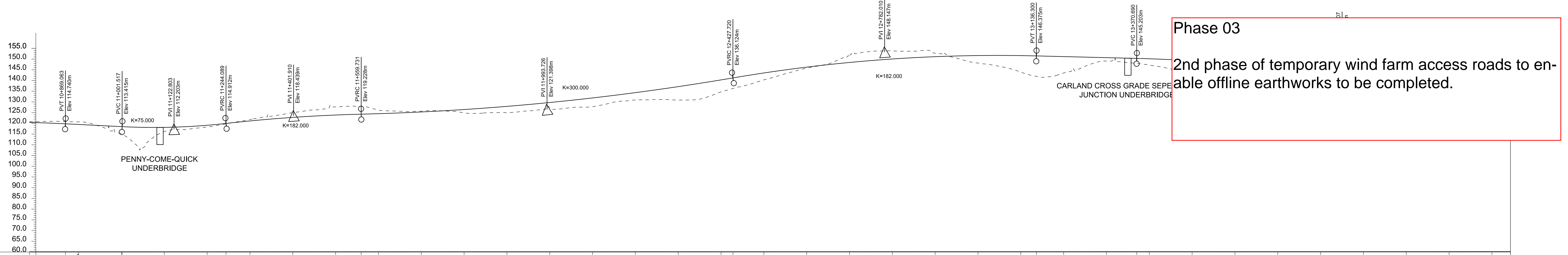
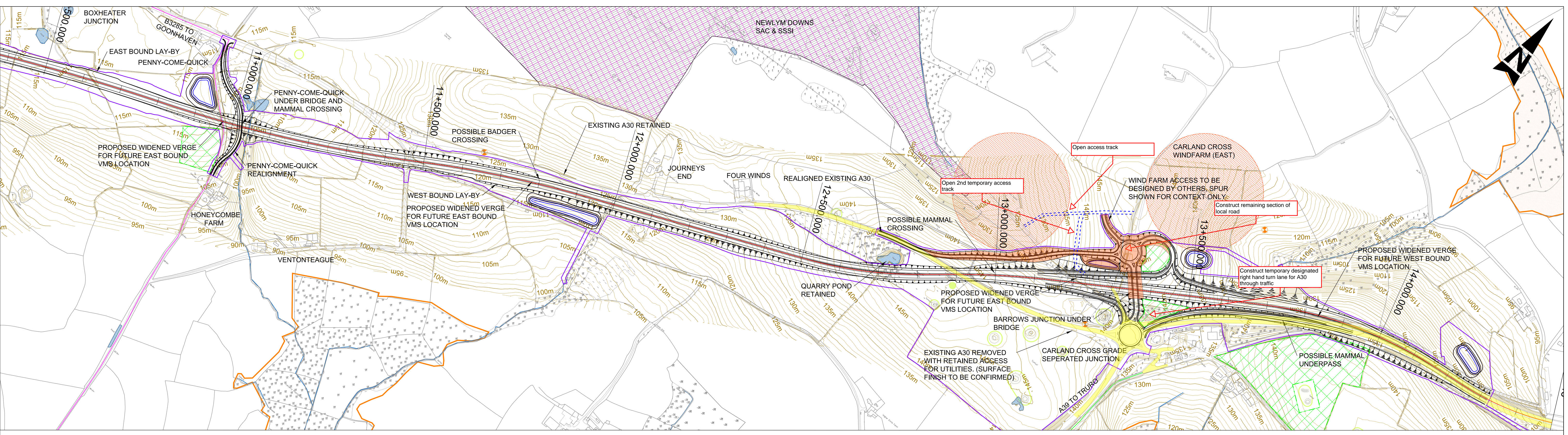
Project Title: A30 CHIVERTON TO CARLAND CROSS

Drawing Title: MAINLINE PLAN AND PROFILE SHEET 4

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1:5000	JD	JW	RC	---
Original Size	Date	Date	Date	Date
A1	20/09/17	20/09/17	20/09/17	---

Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	---	ARP	HML	P01
Location	Type	Role	Number	
---	---	---	---	---

DO NOT SCALE



Phase 03
 2nd phase of temporary wind farm access roads to enable offline earthworks to be completed.

VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																						
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Rev.	Date	Description	

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		European Union Development Fund

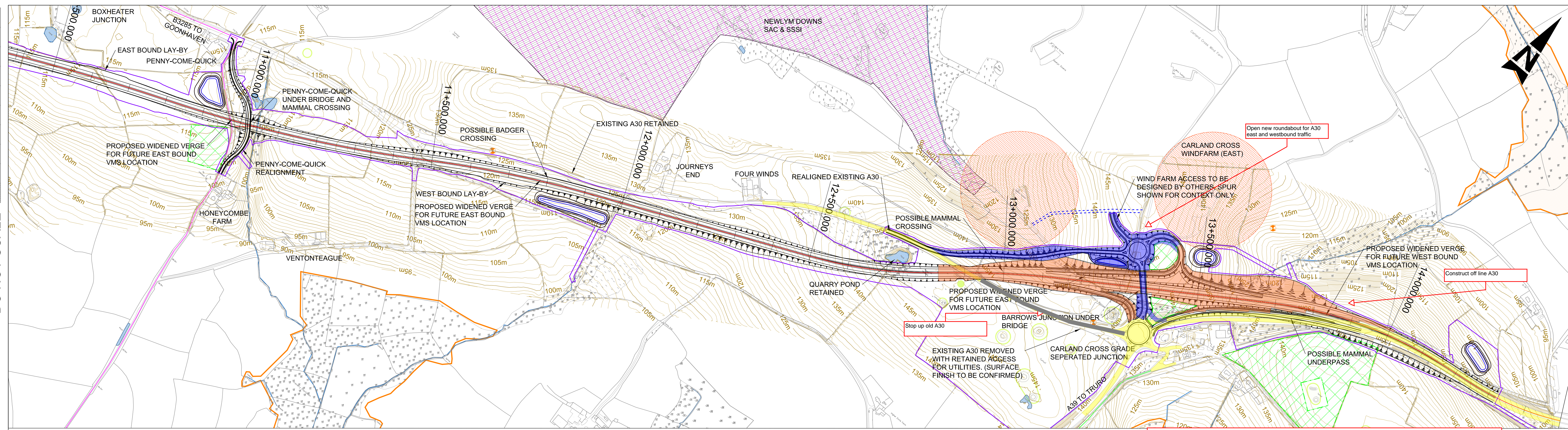


Project Title
A30 CHIVERTON TO CARLAND CROSS

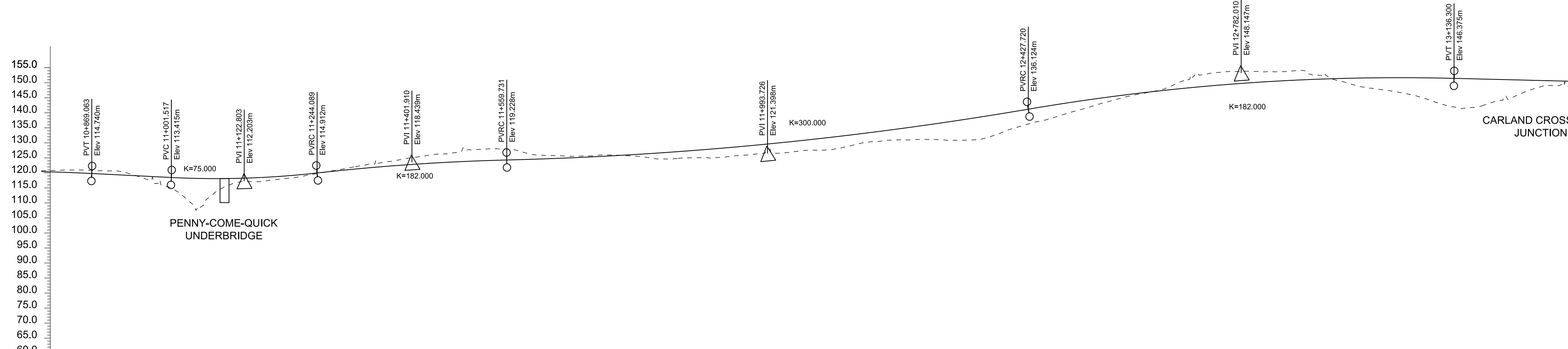
Drawing Title
MAINLINE PLAN AND PROFILE SHEET 4

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Original Size	Date	Date	Date	Date
A1	20/09/17	20/09/17	20/09/17	---
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW		ARP	HML	P01
Location	Type	Role	Number	
		-DR - CH - 000004		

DO NOT SCALE



Phase 04
 Divert A30 east and westbound traffic onto new link road and re-join at Carland Roundabout.
 Open up earthworks area across old A30. Bring in fill for eastern tie-in.



VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																						
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KEY:

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WIND FARM	CORNWALL WILDLIFE TRUST RESERVE	CYCLEWAY
REGISTERED PARK AND GARDEN	WORLD HERITAGE SITE	BYWAY
SCHEDULED ANCIENT MONUMENT	TREE PRESERVATION AREA	BRIDLEWAY
WIND TURBINE EXCLUSION ZONE	EXISTING WATERBODIES	
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Suitability: S3 Drawing Status: SUITABLE FOR REVIEW & COMMENT

ARUP

highways england

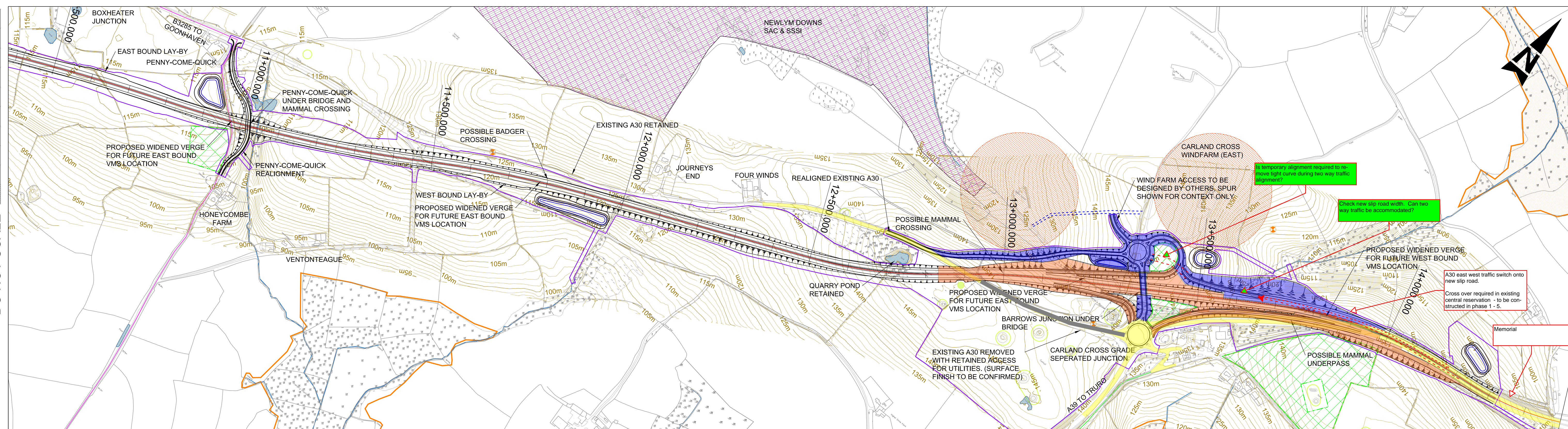
European Union Development Fund

Project Title: **A30 CHIVERTON TO CARLAND CROSS**

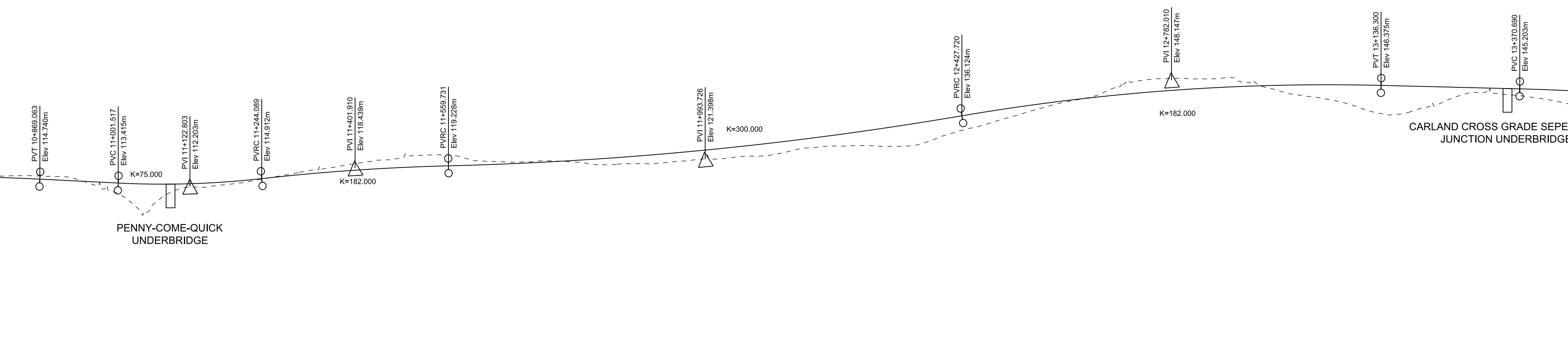
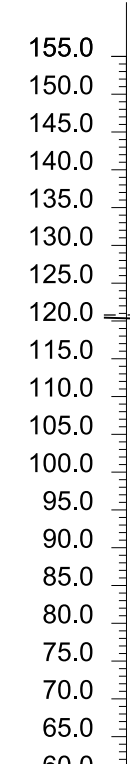
Drawing Title: **MAINLINE PLAN AND PROFILE SHEET 4**

Scale: 1:5000	By: JD	Checked: JW	Approved: RC	Authorised: ---
Original Size: A1	Date: 20/09/17	Date: 20/09/17	Date: 20/09/17	Date: ---
Drawing Number: HA551502 - SW	Originator: ARP	Volume: HML	Revision: P01	
Location:	Type:	Role:	Number:	

DO NOT SCALE



Phase 05
 Divert A30 east and westbound traffic onto new east-bound slip.
 Construct new westbound off slip.



VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m		L=315.642m		L=867.989m		L=708.580m		L=234.389m G=-0.500%		L=959.035m																								
HORIZONTAL ALIGNMENT	R=3500.000m L=680.177m		R=2880.000m L=422.750m		Straight L=543.367m		Ls=120.920m R=1020.000m L=166.783m		Ls=60.460m L=188.105m Ls=60.460m		Straight L=458.597m		Ls=120.920m R=1020.000m L=349.608m																								
EXISTING LEVEL	115.729	115.620	110.055	111.107	113.271	116.730	119.918	125.586	121.100	120.584	119.876	119.827	121.441	122.656	125.824	125.797	125.588	135.202	140.645	146.646	146.704	147.547	143.061	136.861	136.400	143.973	142.106	137.269	128.453	132.086	134.445	137.993	134.860	137.353	133.336	126.493	122.709
PROPOSED LEVEL	115.300	114.431	113.431	113.077	114.057	116.076	117.728	118.831	119.456	120.257	121.391	122.859	124.860	126.794	129.261	132.062	135.197	138.434	141.155	143.327	144.950	146.023	146.546	146.520	146.057	145.557	145.033	144.097	142.612	140.577	137.993	134.860	131.177	126.944	122.162		
CHAINAGE	10+800.000	10+900.000	11+000.000	11+100.000	11+200.000	11+300.000	11+400.000	11+500.000	11+600.000	11+700.000	11+800.000	11+900.000	12+000.000	12+100.000	12+200.000	12+300.000	12+400.000	12+500.000	12+600.000	12+700.000	12+800.000	12+900.000	13+000.000	13+100.000	13+200.000	13+300.000	13+400.000	13+500.000	13+600.000	13+700.000	13+800.000	13+900.000	14+000.000	14+100.000	14+200.000		

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- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

KEY:

- CONTRACTORS TEMPORARY WORKS AREA
- SCHEME BOUNDARY
- SOLAR FARM
- WIND FARM
- REGISTERED PARK AND GARDEN
- SCHEDULED ANCIENT MONUMENT
- WIND TURBINE EXCLUSION ZONE
- SITES OF SPECIAL SCIENTIFIC INTEREST
- SPECIAL AREA OF CONSERVATION
- COUNTY WILDLIFE SITE
- CORNWALL WILDLIFE TRUST RESERVE
- WORLD HERITAGE SITE
- TREE PRESERVATION AREA
- EXISTING WATERBODIES
- EXISTING WATERCOURSES
- HIGH VOLTAGE POWER LINE
- LISTED BUILDING
- FOOTPATH
- CYCLEWAY
- BYWAY
- BRIDLEWAY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)
PO1	20/09/17	DESIGN FIX 1	
Rev.	Date	Description	By

Suitability	Drawing Status	Client
S3	SUITABLE FOR REVIEW & COMMENT	highways england
By	Chk'd	App'd

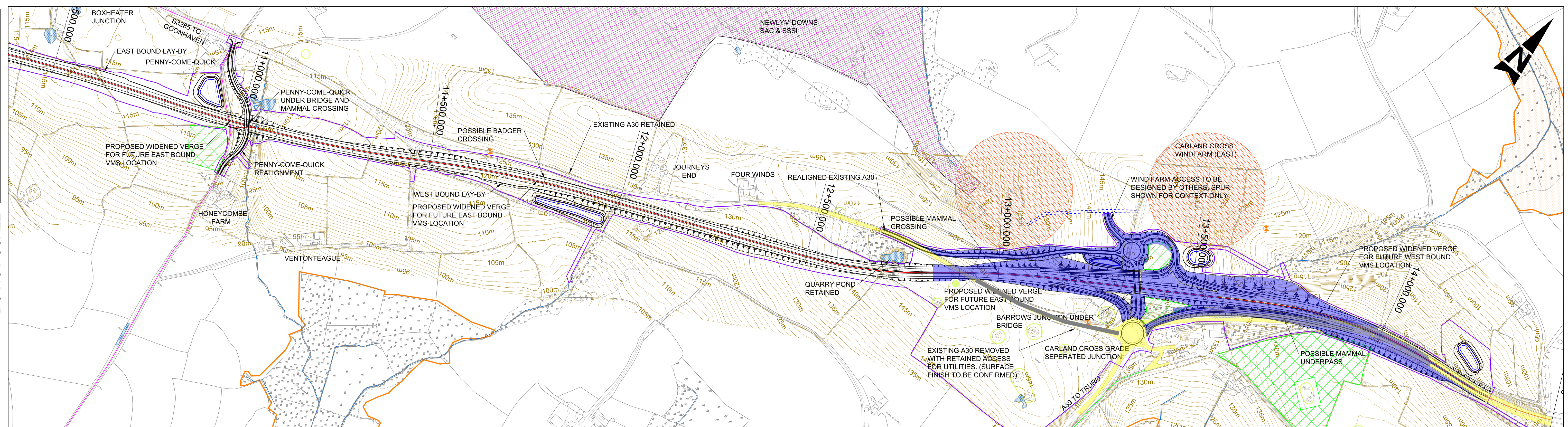


Project Title: **A30 CHIVERTON TO CARLAND CROSS**

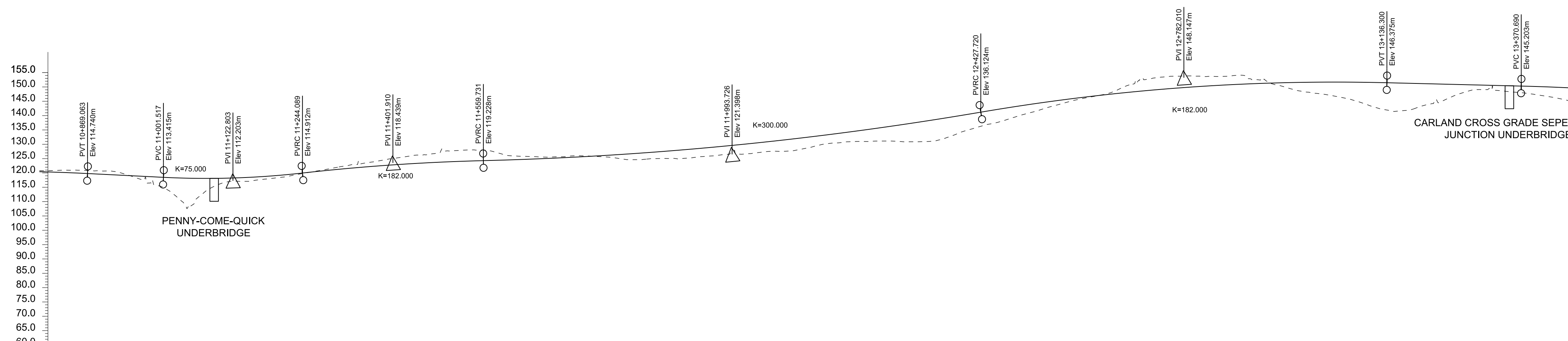
Drawing Title: **MAINLINE PLAN AND PROFILE SHEET 4**

Scale	By	Checked	Approved	Authorised
1:5000	JD	JW	RC	---
Original Size	Date	Date	Date	Date
A1	20/09/17	20/09/17	20/09/17	---
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	ARP	ARP	HML	P01
Location	Type	Role	Number	

DO NOT SCALE



Phase 06
 Switch east and westbound A30 traffic onto new westbound slip.
 Complete eastern tie in of new A30.



VERTICAL ALIGNMENT	L=132.454m G=-1.000%		L=242.572m	L=315.642m	L=867.989m	L=708.580m	L=234.389m G=-0.500%	L=959.035m																											
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(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)			
PO1	20/09/17	DESIGN FIX 1				
Rev.	Date	Description	By	Chk'd	App'd	Auth'd

Suitability		Drawing Status	
S3		SUITABLE FOR REVIEW & COMMENT	

ARUP

highways england



Project Title: **A30 CHIVERTON TO CARLAND CROSS**

Drawing Title: **MAINLINE PLAN AND PROFILE SHEET 4**

Scale	By	Checked	Approved	Authorised
1:5000	JD	JW	RC	---
Original Size	Date	Date	Date	Date
A1	20/09/17	20/09/17	20/09/17	---
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	---	ARP	HML	P01
Location	Type	Role	Number	
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