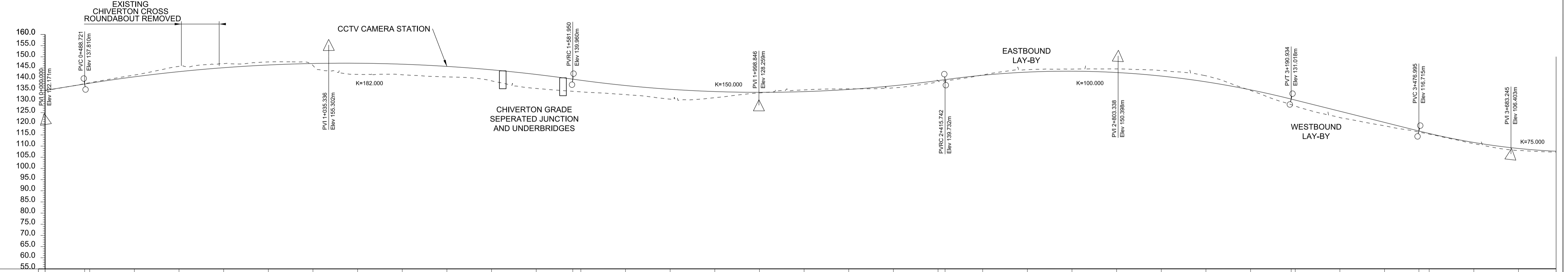
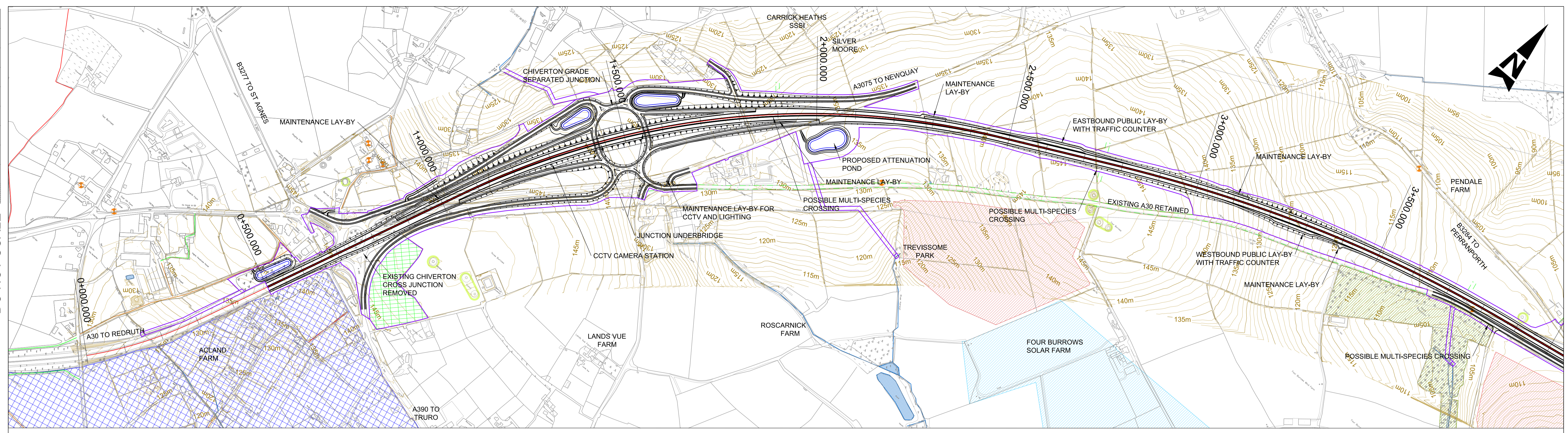


DO NOT SCALE



VERTICAL ALIGNMENT	L=1093.228m		L=833.792m										L=775.192m										L=286.061m G=-5.000%		L=412.500m									
HORIZONTAL ALIGNMENT	Straight L=690.626m						Ls=60.461m				R=2040.000m L=1333.244m		Ls=60.461m				Straight L=276.147m		R=4080.000m L=441.814m				R=3500.000m L=676.117m											
EXISTING LEVEL	134.907	136.363	141.817	145.694	146.955	147.681	146.098	142.108	141.937	140.990	139.211	135.803	134.269	133.048	130.999	131.666	133.788	135.125	135.605	136.049	138.191	141.840	144.178	144.443	144.542	143.797	141.447	134.884	127.903	122.730	119.021	115.325	111.029	107.994
PROPOSED LEVEL	134.971	138.167	141.031	143.345	145.109	146.324	146.990	147.106	146.672	145.690	144.157	142.076	139.464	137.111	135.425	134.405	134.052	134.366	135.346	136.993	139.307	141.696	143.105	143.514	142.924	141.333	138.742	135.152	130.565	125.565	120.565	115.600	111.574	108.880
CHAINAGE	0+400.000	0+500.000	0+600.000	0+700.000	0+800.000	0+900.000	1+000.000	1+100.000	1+200.000	1+300.000	1+400.000	1+500.000	1+600.000	1+700.000	1+800.000	1+900.000	2+000.000	2+100.000	2+200.000	2+300.000	2+400.000	2+500.000	2+600.000	2+700.000	2+800.000	2+900.000	3+000.000	3+100.000	3+200.000	3+300.000	3+400.000	3+500.000	3+600.000	3+700.000

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GENERAL NOTES:  
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 2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

**KEY:**

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

**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)
P01	11/12/17	DRAFT PEIR	RJ JP PH IM
Rev.	Date	Description	By Chk'd App'd Auth'd

Suitability Drawing Status  
 S0 INITIAL STATUS OR WIP

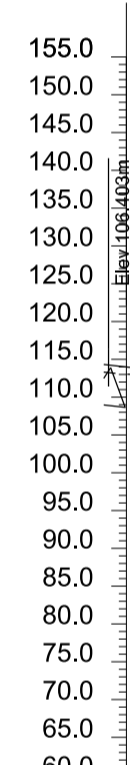
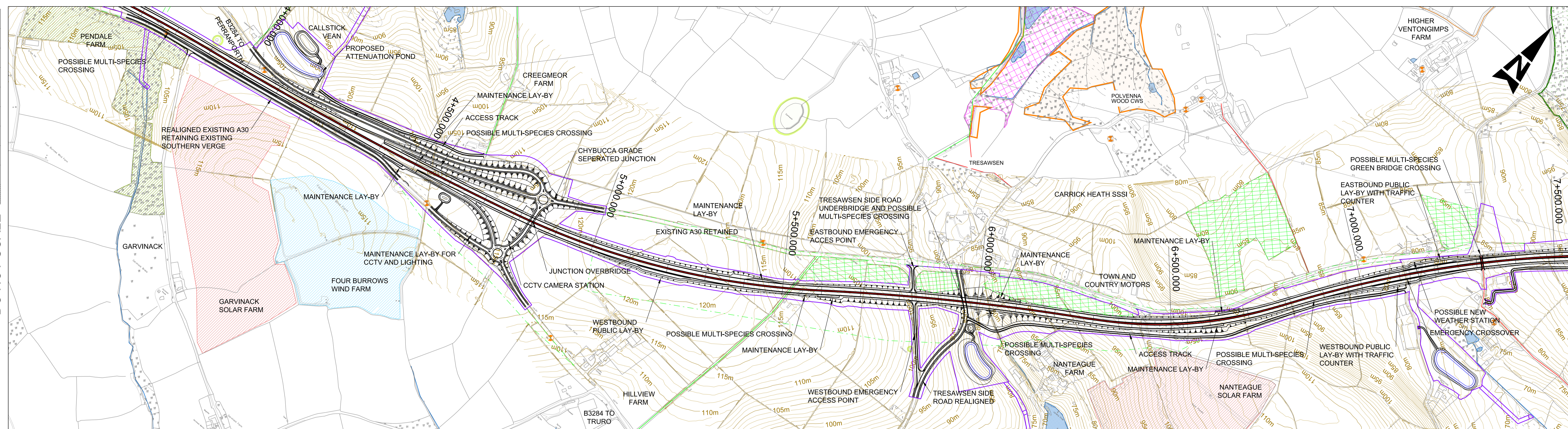


Project Title  
**A30 CHIVERTON TO CARLAND CROSS**

Drawing Title  
**FIGURE 2.1  
 GENERAL ARRANGEMENT PLANS  
 SHEET 1 OF 4**

Scale	By	Checked	Approved	Authorised
1:5000	RJ	JP	PH	IM
Original Size	Date	Date	Date	Date
A1	11/12/17	11/12/17	11/12/17	11/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	ARP	EGN	-DR-LE-000101	P01
Location	Type	Role	Number	

DO NOT SCALE



VERTICAL ALIGNMENT	2.500m	L=656.346m G=0.500%	L=252.084m	L=852.084m	L=164.663m G=-5.500%	L=314.500m	L=168.976m G=3.000%	L=440.000m	L=208.876m G=5.000%	L=370.000m																											
HORIZONTAL ALIGNMENT		R=9800.000m L=856.278m	LS=60.460m	R=2040.000m L=781.416m	LS=60.460m	R=6000.000m L=599.977m	LS=120.920m	R=1020.000m L=332.344m	LS=120.920m	R=2880.000m L=509.118m																											
EXISTING LEVEL	107.994	107.212	107.684	108.094	108.499	108.139	110.232	109.997	109.312	110.563	112.554	115.535	118.306	120.861	122.122	121.851	120.916	118.617	112.194	109.083	105.855	100.622	90.842	80.791	86.972	92.377	96.046	98.553	102.212	100.689	94.195	89.053	84.872	81.807	79.270	76.697	81.576
PROPOSED LEVEL	108.880	107.520	107.486	107.986	108.486	108.986	109.486	109.986	110.486	111.133	112.675	115.216	117.716	119.216	119.716	119.216	117.716	115.216	111.717	107.217	101.842	96.342	91.826	89.993	90.843	93.728	96.728	98.785	99.024	97.445	94.048	89.180	84.180	79.559	77.343	77.828	81.017
CHAINAGE	3+700.000	3+800.000	3+900.000	4+000.000	4+100.000	4+200.000	4+300.000	4+400.000	4+500.000	4+600.000	4+700.000	4+800.000	4+900.000	5+000.000	5+100.000	5+200.000	5+300.000	5+400.000	5+500.000	5+600.000	5+700.000	5+800.000	5+900.000	6+000.000	6+100.000	6+200.000	6+300.000	6+400.000	6+500.000	6+600.000	6+700.000	6+800.000	6+900.000	7+000.000	7+100.000	7+200.000	7+300.000

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

### 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).

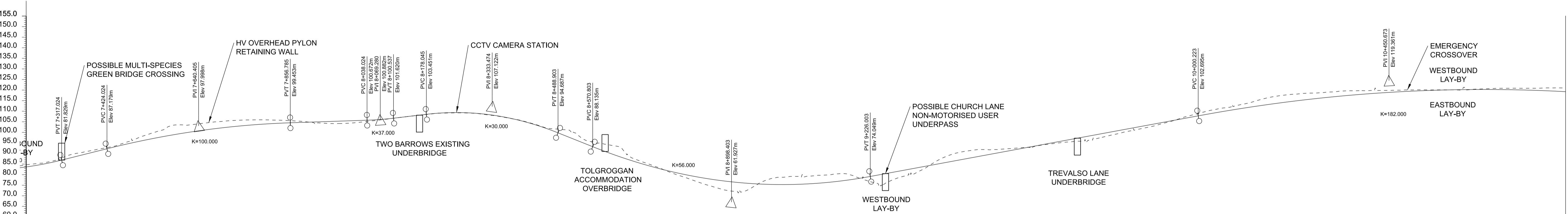
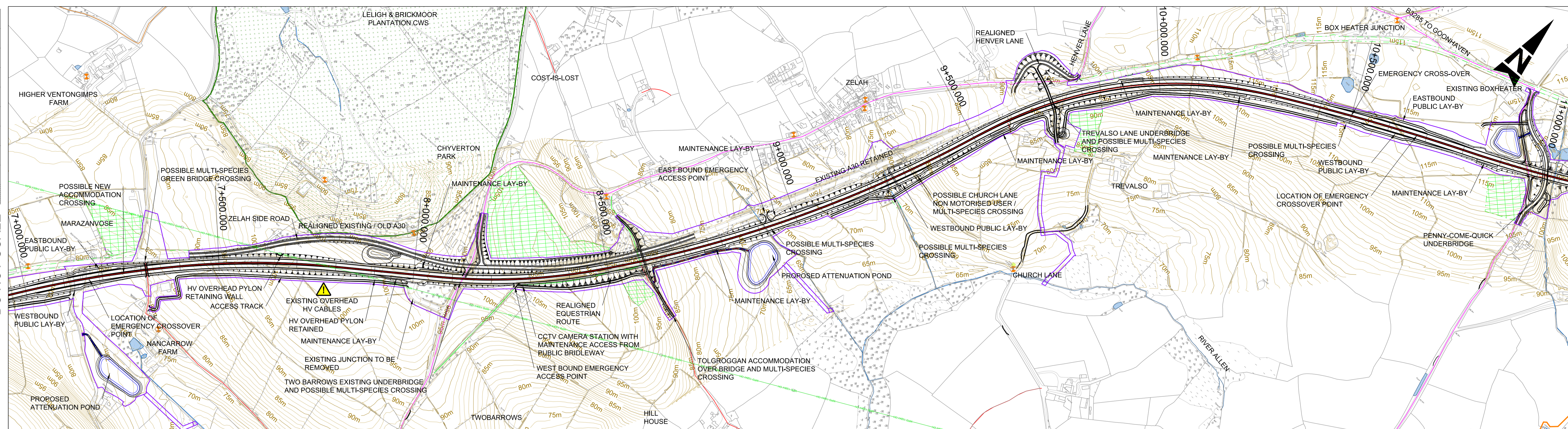
Construction (Enter "None" if applicable)	---	---	---	---	---
Maintenance / Cleaning (Enter "None" if applicable)	---	---	---	---	---
Use (Enter "None" if applicable)	---	---	---	---	---
Decommissioning / Demolition (Enter "None" if applicable)	PO1	11/12/17	DRAFT PEIR	RJ	JP PH IM
Rev.	Date	Description	By	Chk'd	App'd

Suitability	SO	Drawing Status	INITIAL STATUS OR WIP
Client	highways england	Originator	ARP
Originator	ARP	Volume	EGN
Volume	EGN	Role	DR
Role	DR	Number	LE - 000102
Number	LE - 000102	Location	SW



Project Title		A30 CHIVERTON TO CARLAND CROSS			
Drawing Title		FIGURE 2.1 GENERAL ARRANGEMENT PLANS SHEET 2 OF 4			
Scale	1:5000	By	RJ	Checked	JP
Original Size	A1	Date	11/12/17	Date	11/12/17
Drawing Number	HA551502 - SW	Originator	ARP	Volume	EGN
Originator	ARP	Role	DR	Number	LE - 000102
Role	DR	Number	LE - 000102	Location	SW
Location	SW	Type	DR	Role	LE
Type	DR	Role	LE	Number	000102
Number	000102	Revision	P01		

DO NOT SCALE



VERTICAL ALIGNMENT	L=107.000m G=5.000%		L=432.761m		L=181.239m G=0.872%		L=62.513m G=2.282%		L=310.858m		L=655.200m		L=774.220m G=3.700%		L=900.900m																					
HORIZONTAL ALIGNMENT	Ls=60.460m		R=2040.000m L=366.816m		Ls=60.460m		Straight L=201.812m		R=1440.000m L=301.999m		Ls=85.650m		R=3200.000m L=982.097m		Ls=120.920m		R=1020.000m L=617.680m		Ls=120.920m		R=5760.000m L=468.647m															
EXISTING LEVEL	81.576	86.830	92.525	96.485	100.208	100.837	99.776	98.320	101.591	103.891	103.808	100.639	96.239	89.311	80.145	72.818	67.106	73.362	74.550	73.257	73.901	83.080	86.779	87.816	90.441	93.818	96.123	103.703	107.973	112.415	113.806	114.623	114.942	114.987	115.657	115.729
PROPOSED LEVEL	81.017	85.978	90.689	94.429	97.170	98.910	99.743	100.416	101.607	103.889	103.852	100.482	93.800	85.876	79.290	74.490	71.476	70.247	70.804	73.147	76.787	80.487	84.187	87.887	91.587	95.287	98.987	102.687	106.113	108.890	111.318	113.096	114.325	115.004	115.134	114.714
CHAINAGE	7+300.000	7+400.000	7+500.000	7+600.000	7+700.000	7+800.000	7+900.000	8+000.000	8+100.000	8+200.000	8+300.000	8+400.000	8+500.000	8+600.000	8+700.000	8+800.000	8+900.000	9+000.000	9+100.000	9+200.000	9+300.000	9+400.000	9+500.000	9+600.000	9+700.000	9+800.000	9+900.000	10+000.000	10+100.000	10+200.000	10+300.000	10+400.000	10+500.000	10+600.000	10+700.000	10+800.000

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KEY:

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

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 (Enter "None" if applicable)	
Maintenance / Cleaning (Enter "None" if applicable)	
Use (Enter "None" if applicable)	
Decommissioning / Demolition (Enter "None" if applicable)	

Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P01	11/12/17	DRAFT PEIR	RJ	JP	PH	IM

Suitability: S0  
 Drawing Status: INITIAL STATUS OR WIP

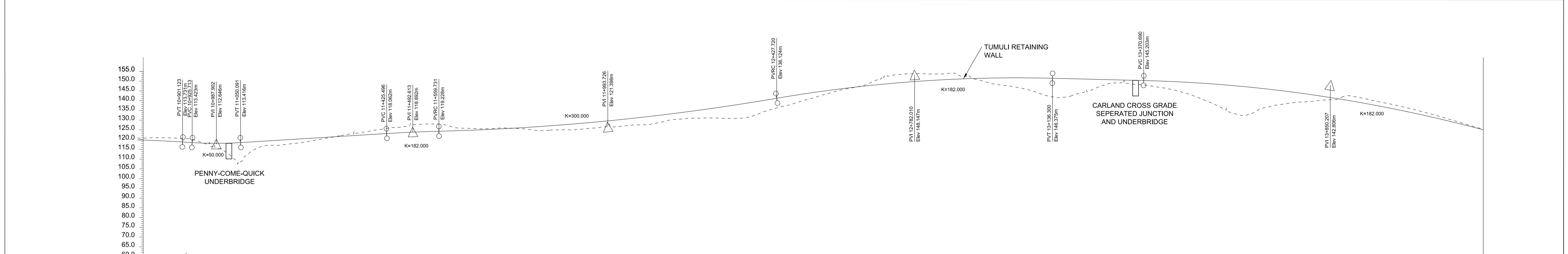
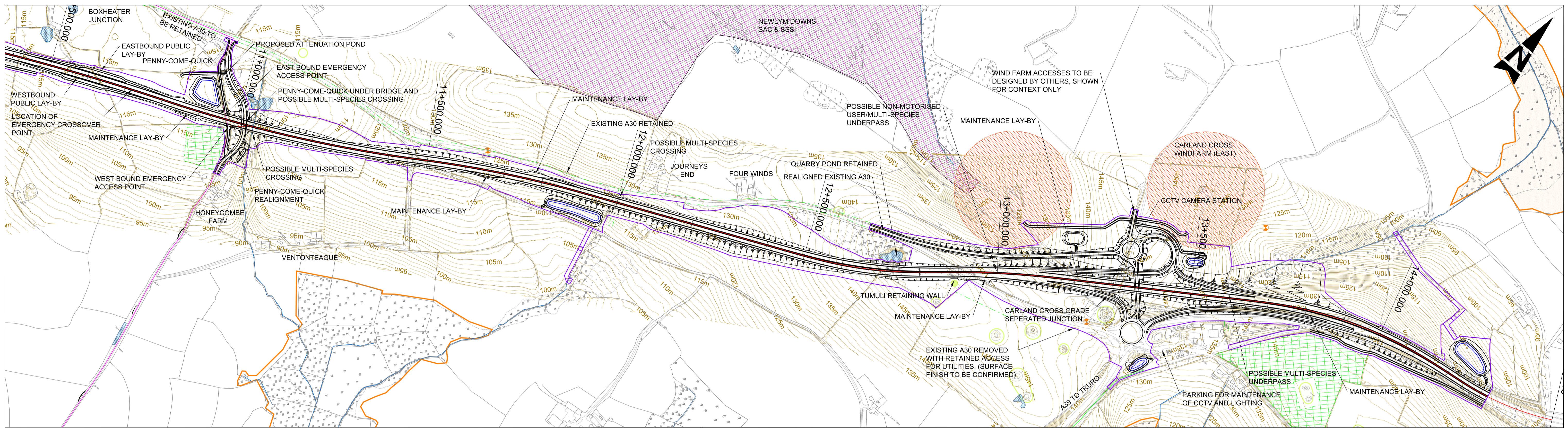
**ARUP**

Client: highways england

European Union Development Fund

Project Title: A30 CHIVERTON TO CARLAND CROSS					
Drawing Title: FIGURE 2.1 GENERAL ARRANGEMENT PLANS SHEET 3 OF 4					
Scale: 1:5000	By: RJ	Checked: JP	Approved: PH	Authorised: IM	
Original Size: A1	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17	
Drawing Number: HA551502 - SW	Originator: ARP	Volume: EGN	Revision: P01		
Location	Type	Role	Number		

DO NOT SCALE



VERTICAL ALIGNMENT	G=1.238%		G=0.500%																																
L=124.378m	L=375.405m	L=134.235m	L=867.989m	L=708.580m	L=959.035m																														
R=3500.000m		R=2880.000m		R=2040.000m																															
L=680.177m		L=422.750m		L=349.608m																															
Straight L=543.367m		Straight L=458.597m		Straight L=120.920m																															
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	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	137.353	133.336	126.483	122.709			
PROPOSED LEVEL	114.714	113.745	113.047	114.033	115.271	116.508	117.746	118.831	119.456	120.257	121.391	122.859	124.660	126.794	129.261	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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**KEY:**

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TEMPORARY LAND FOR CONSTRUCTION	SPECIAL AREA OF CONSERVATION	LISTED BUILDING
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SCHEDULED ANCIENT MONUMENT	EXISTING WATERBODIES	
WIND TURBINE EXCLUSION ZONE	EXISTING WATERCOURSES	

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 (Enter "None" if applicable)			
Maintenance / Cleaning (Enter "None" if applicable)			
Use (Enter "None" if applicable)			
Decommissioning / Demolition (Enter "None" if applicable)			
Rev.	Date	Description	

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Suitability	Drawing Status	Project Title		
S0	INITIAL STATUS OR WIP	A30 CHIVERTON TO CARLAND CROSS		
		Drawing Title		
		FIGURE 2.1 GENERAL ARRANGEMENT PLANS SHEET 4 OF 4		
		Scale	By	Checked
Original Size	Date	Date	Date	Date
A1	11/12/17	11/12/17	11/12/17	11/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW		ARP - DR - LE - 000104	EGN	P01
Location	Type	Role	Number	