





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LEGEND

-  PROPOSED ROUTE
-  CORE STUDY AREA (1KM)
-  WIDER STUDY AREA
-  SHEET EXTENT

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 in the design hazard log)

Construction	None
Maintenance / Cleaning	None
Use	None
Decommission / Demolition	None

Rev	Date	Description	By	Chk'd	App'd
P02	11/12/17	FIRST ISSUE	GD	CM	BO

Suitability	Drawing Status
S3	FIT FOR REVIEW AND COMMENT

Designer

ARUP

Client

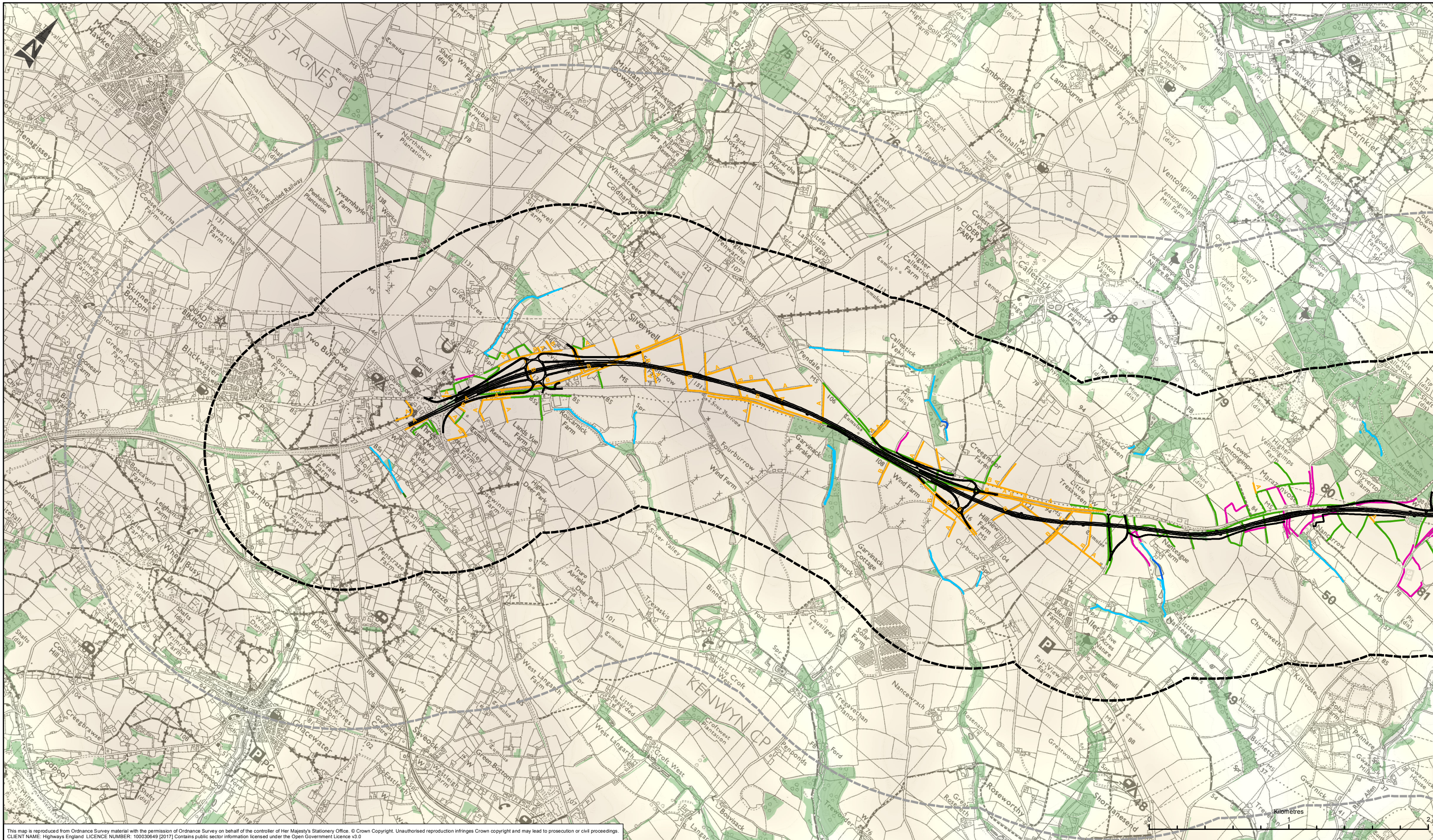



Project Title	A30 CHIVERTON TO CARLAND CROSS				
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Drawing Title

KEY PLAN
CHAPTER 7
FIGURES 7.2, 7.3 & 7.4

Scale	Designed / Drawn	Checked	Approved	Authorised
1:75,000	GD	CM	BO	PH
Original Size	Date	Date	Date	Date
A3	11/12/17	11/12/17	11/12/17	11/12/17
Drawing Number	Project	Originator	Volume	Revision
	HA551502-ARP-ELS-SW-DR-LE-001034			P02
Location	Type	Role	Number	



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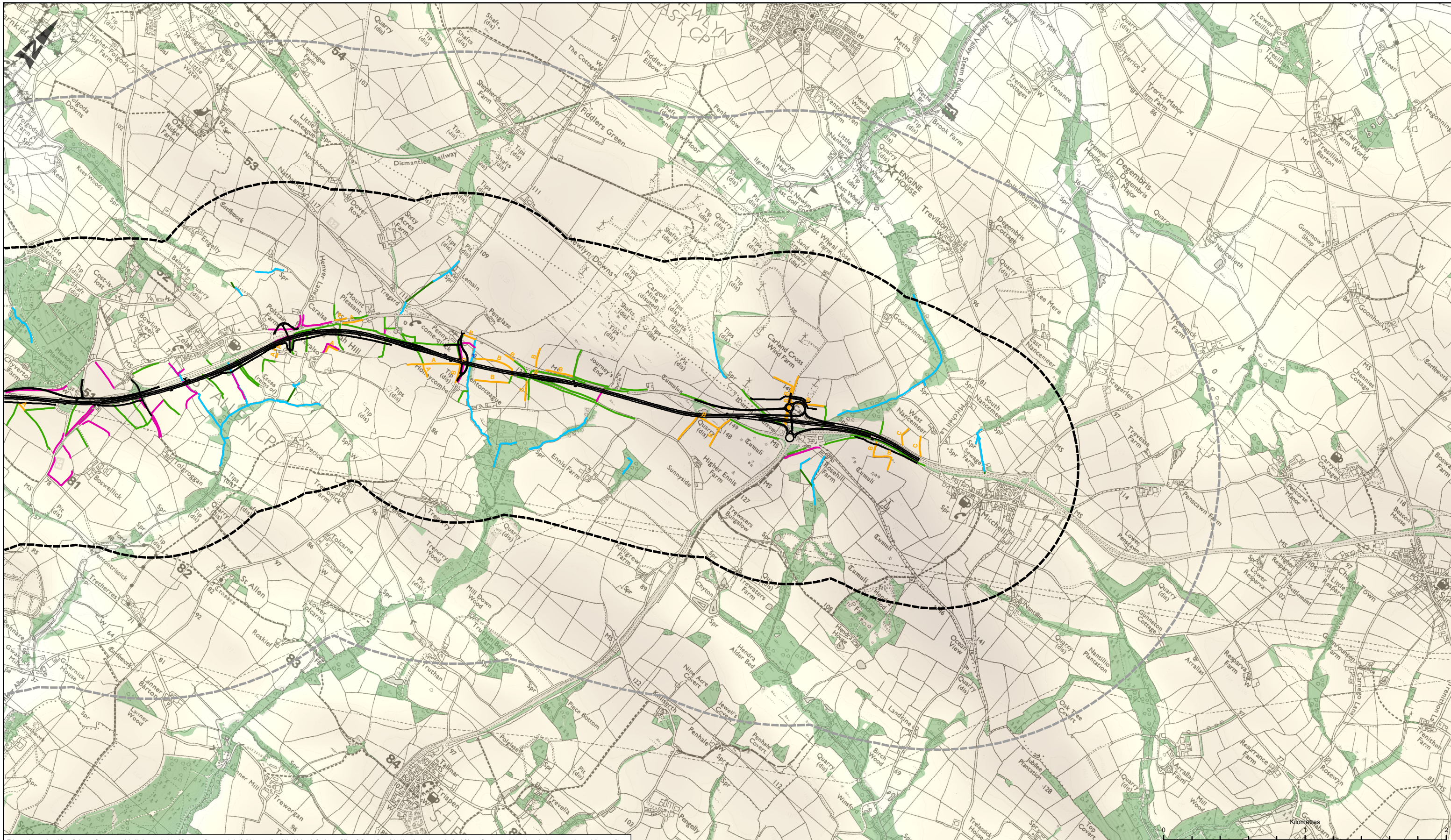
LEGEND		ELEVATION (METERS AOD)	
	HEDGEROW		< 40M
	IMPORTANT HEDGEROW UNDER THE HEDGEROW REGULATIONS		40 - 80M
	CORNISH HEDGE		80 - 120M
	A SCRUB TOPPED CORNISH HEDGE		120 - 160M
	B GRASS TOPPED CORNISH HEDGE		
	C BRACKEN TOPPED CORNISH HEDGE		
	PROPOSED ROUTE ALIGNMENT		
	CORE STUDY AREA (1KM)		
	WIDER STUDY AREA (2KM)		
	CULVERT		
	SECONDARY RIVER		
	TERTIARY RIVER		
	WOODLAND		

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 in the design hazard log)	
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommission / Demolition	NONE

Rev	Date	Description	By	Chkd	App'd
P02	11/12/17	FIRST ISSUE			

Suitability: S3
 Drawing Status: FIT FOR REVIEW AND COMMENT
 Designer: ARUP
 Client: highways england
 European Union European Regional Development Fund

Project Title: A30 CHIVERTON TO CARLAND CROSS		Drawing Title: FIGURE 7.4 - LANDSCAPE ELEMENTS AND TOPOGRAPHY SHEET 1 OF 2			
Scale: 1:25,000	Designed / Drawn: GD	Checked: BO	Approved: PH	Authorised: IM	
Original Size: A3	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17	
Drawing Number: Project	Originator: HA551502-ARP-ELS-SW-DR-LE-001028	Volume:	Revision: P02		
Location:	Type:	Role:	Number:		



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LEGEND		ELEVATION (METERS AOD)	
	HEDGEROW		< 40M
	IMPORTANT HEDGEROW UNDER THE HEDGEROW REGULATIONS		40 - 80M
	CORNISH HEDGE		80 - 120M
	A SCRUB TOPPED CORNISH HEDGE		120 - 160M
	B GRASS TOPPED CORNISH HEDGE		
	C BRACKEN TOPPED CORNISH HEDGE		
	PROPOSED ROUTE ALIGNMENT		
	CORE STUDY AREA (1KM)		
	WIDER STUDY AREA (2KM)		
	CULVERT		
	SECONDARY RIVER		
	TERTIARY RIVER		
	WOODLAND		

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 in the design hazard log)	
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommission / Demolition	NONE

Rev	Date	Description	By	Chk'd	App'd
P02	11/12/17	FIRST ISSUE	GD	BO	PH

Suitability: S3
 Drawing Status: FIT FOR REVIEW AND COMMENT
 Designer: ARUP
 Client: highways england
 European Union logo

Project Title: A30 CHIVERTON TO CARLAND CROSS				
Drawing Title: FIGURE 7.4 LANDSCAPE ELEMENTS AND TOPOGRAPHY SHEET 2 OF 2				
Scale: 1:25,000	Designed / Drawn: GD	Checked: BO	Approved: PH	Authorised: IM
Original Size: A3	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17	Date: 11/12/17
Drawing Number: HA551502-ARP-ELS-SW-DR-LE-001029	Originator: SW-DR-LE-001029	Volume: P02	Revision: P02	

Field of view: 57°
Grid reference: SW 74410 46254
Viewpoint elevation: 129m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 1. Existing view from overbridge south of Three Burrows, looking northeast along A30, 20m southwest of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
DRAFT

A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 1 of 29

Field of view: 57°
 Grid reference: SW 74697 46883
 Viewpoint elevation: 145m AOD
 Viewer height: 1.6m
 Viewing distance @ A3: 400mm



VP 2. View from Starbucks at Chiverton Cross, looking east towards A30, 10m west of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
 DRAFT

A30 Chiverton to Carland Cross
 Figure 7 - 5
 Sheet 2 of 29

Field of view: 57°
Grid reference: SW 75360 477663
Viewpoint elevation: 131m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 3. View from Trevisome Business Park looking west, 60m southeast of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 3 of 29

Field of view: N/A
Grid reference: SW 76146 48249
Viewpoint elevation: 145m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



Placeholder Image - Photography to be updated

VP 4. View from Four Burrows, looking northwest, 130m south of the site.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 76587 49411
Viewpoint elevation: 112m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 5. View from byway leading to Higher Callestick Farm, looking southeast towards A30, 800m north of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 77256 48792
Viewpoint elevation: 107m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 6. View from the junction of B3284 with the bridleway 314/64/1, adjacent to the dwelling at Callestick Vean (South), looking east, 5m north of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



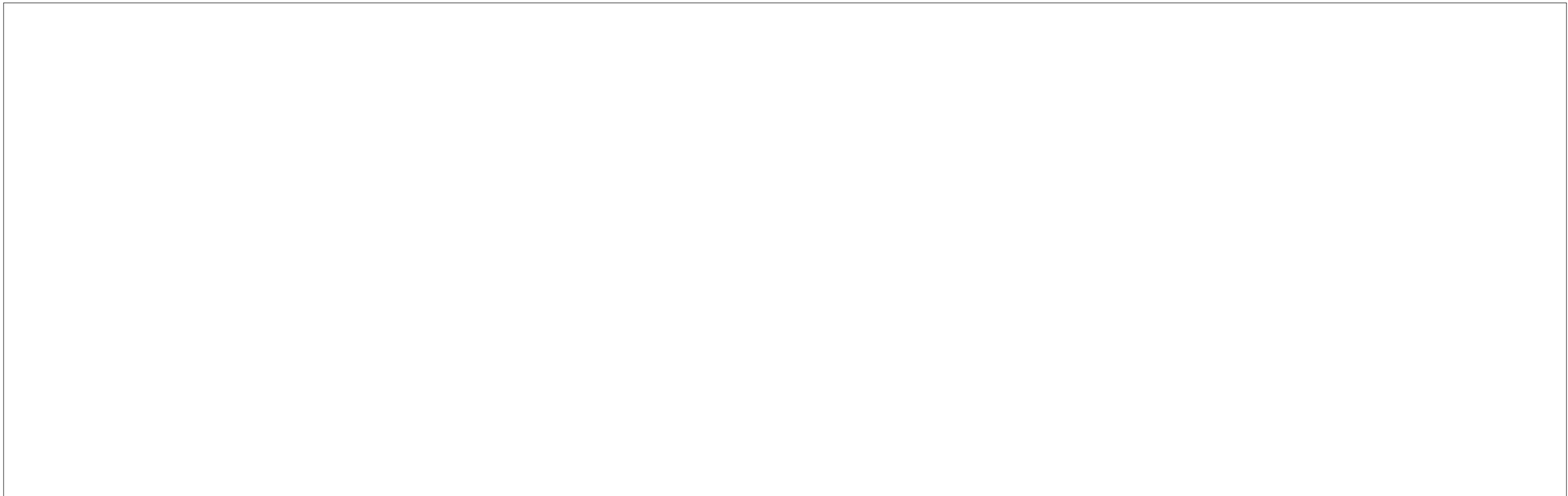
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 6 of 29

Field of view: 57°
Grid reference: SW 77814 49125
Viewpoint elevation: 96m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 7. View from PRoW, leading to Creegmeor Farm, looking southwest, 210m north-northwest from the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
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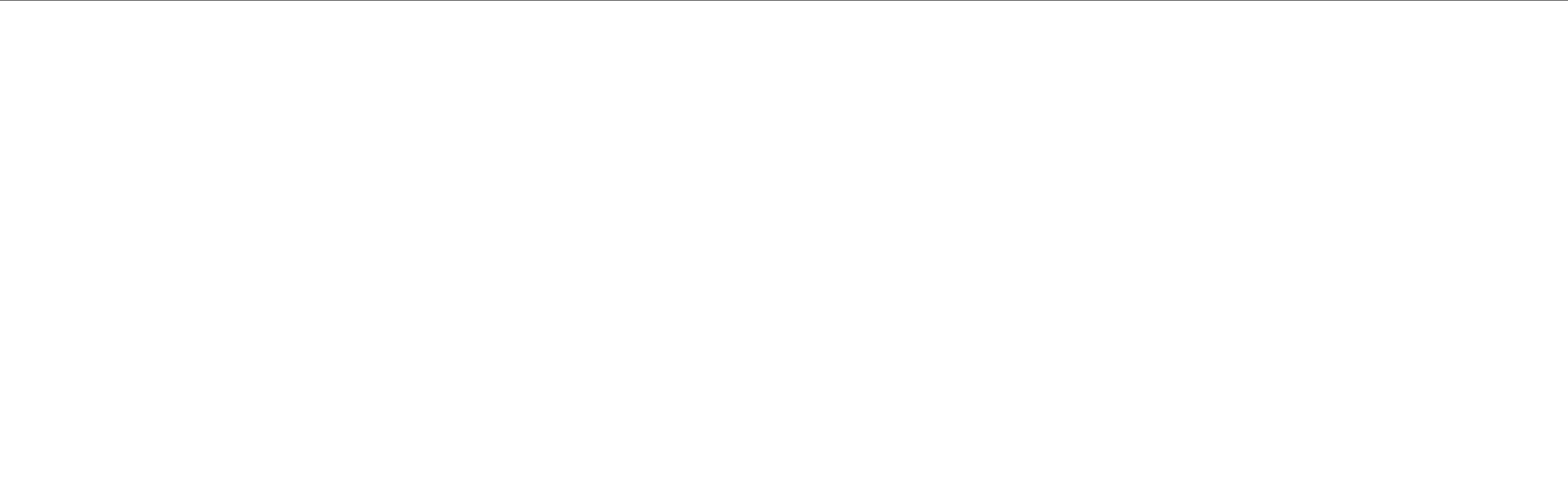
A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: N/A
Grid reference: SW 78177 48749
Viewpoint elevation: 115m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



Placeholder Image - Photography to be updated

VP 8. View from the B3284, 140m south of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



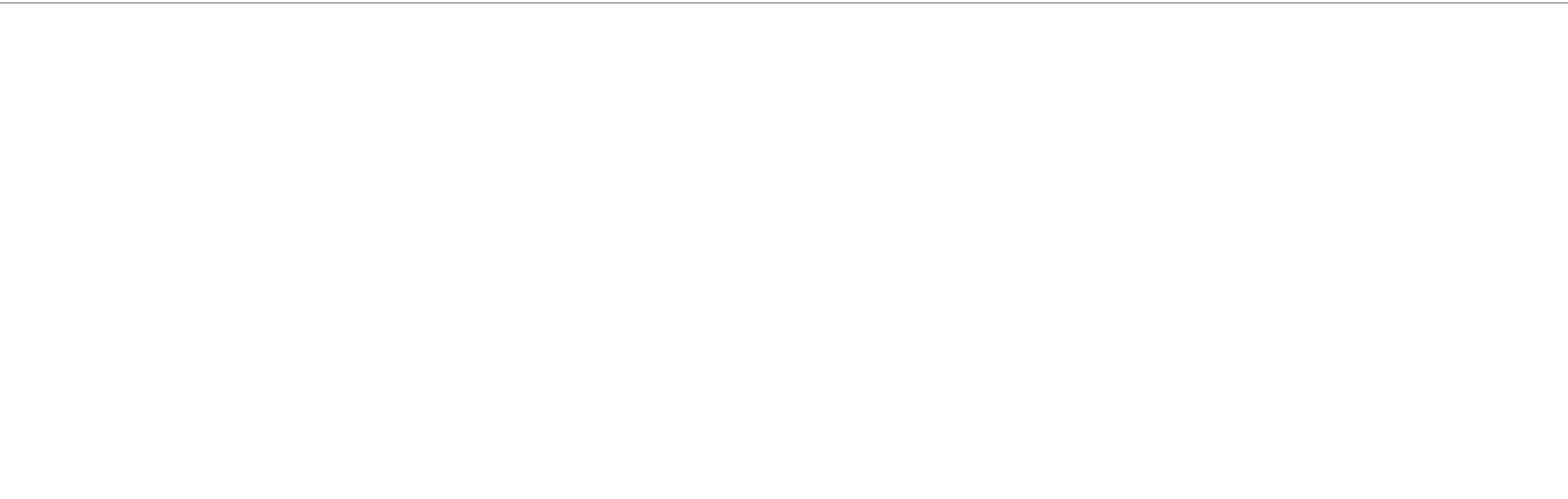
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 78697 49122
Viewpoint elevation: 118m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 9. View from bridleway near Hillview, looking northeast towards A30, 60m south of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



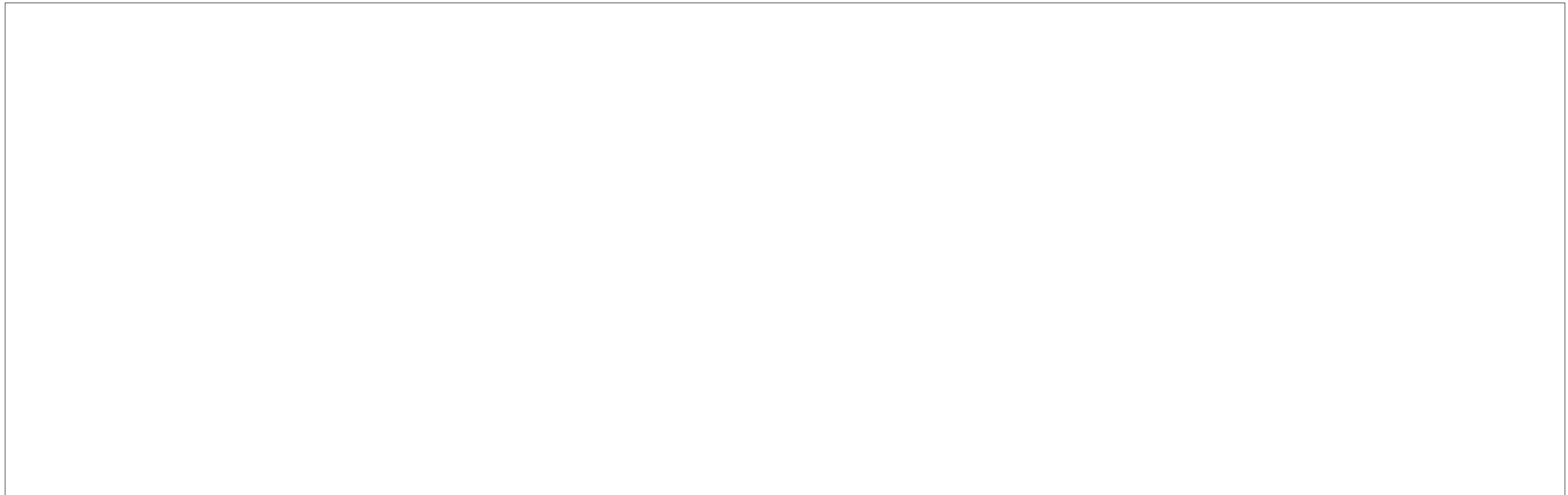
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 79260 49489
Viewpoint elevation: 78m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 10. View from outbuildings at Nanteague Farmhouse, looking southwest-west, 110m west of the scheme.



NOTES:

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PO	3/12/17	BO	JP	PH	IM	First draft for comment



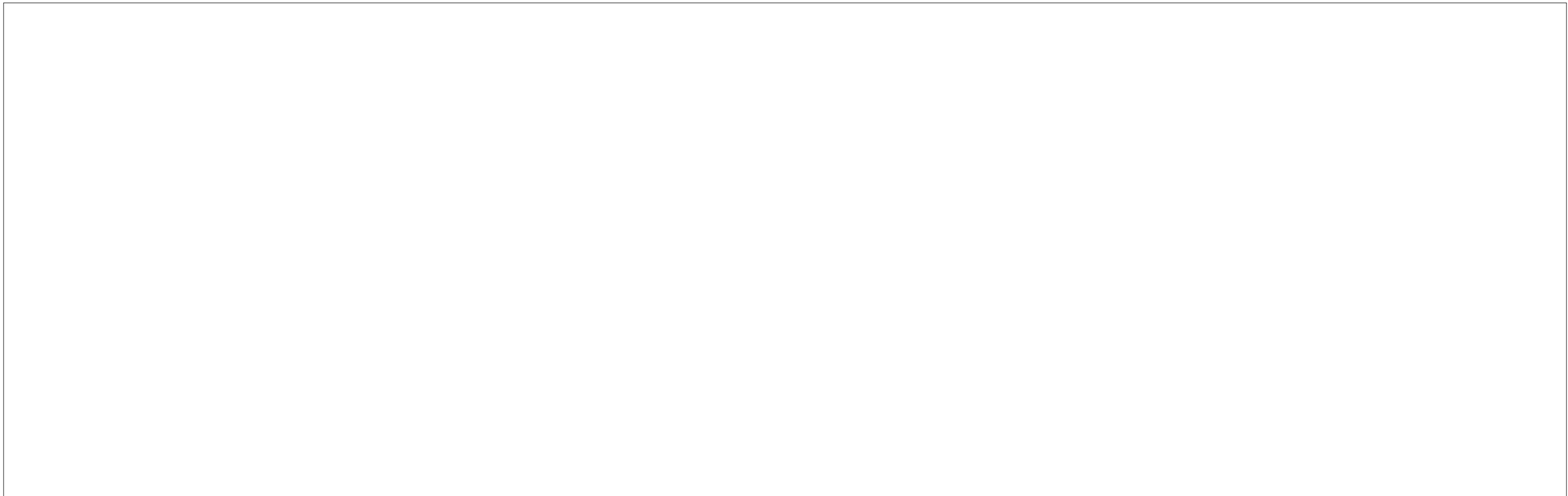
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 79444 50214
Viewpoint elevation: 80m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 11. View from PRow east of Lower Ventongimps, looking south-southeast, 320m northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 79889 50329
Viewpoint elevation: 81m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 12. View from Maranzavose, looking southwest along the A30, 40m west of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



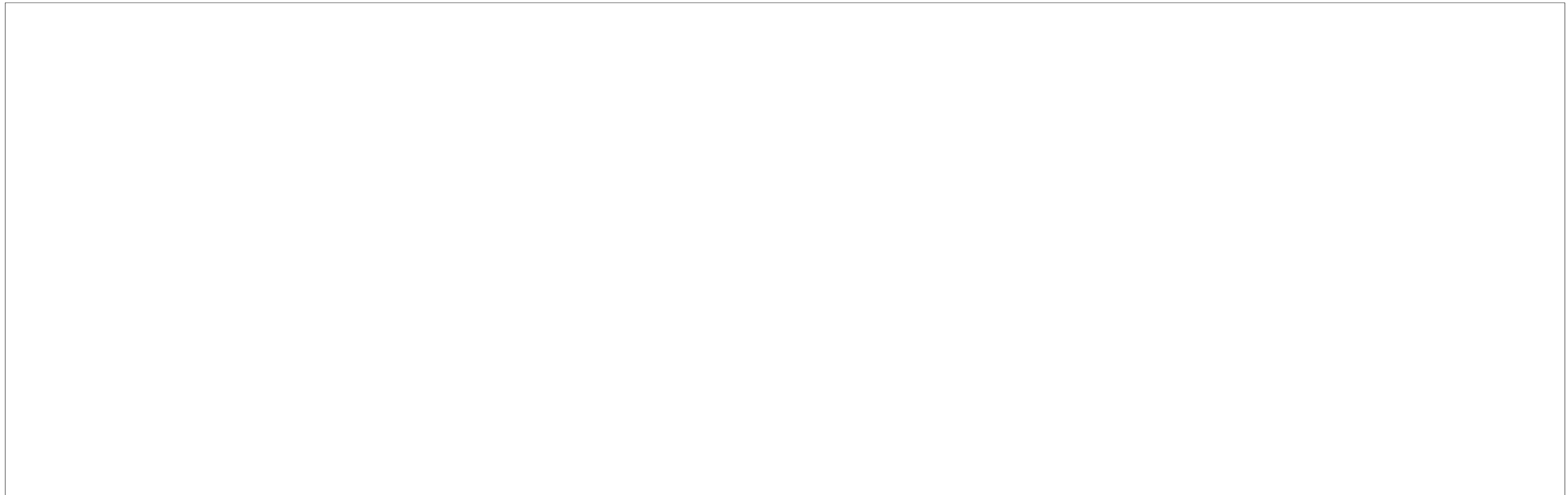
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 12 of 29

Field of view: 57°
Grid reference: SW 80057 50269
Viewpoint elevation: 78m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 13. View from field within NFH, looking west towards A30, 100m southeast of the scheme.



NOTES:

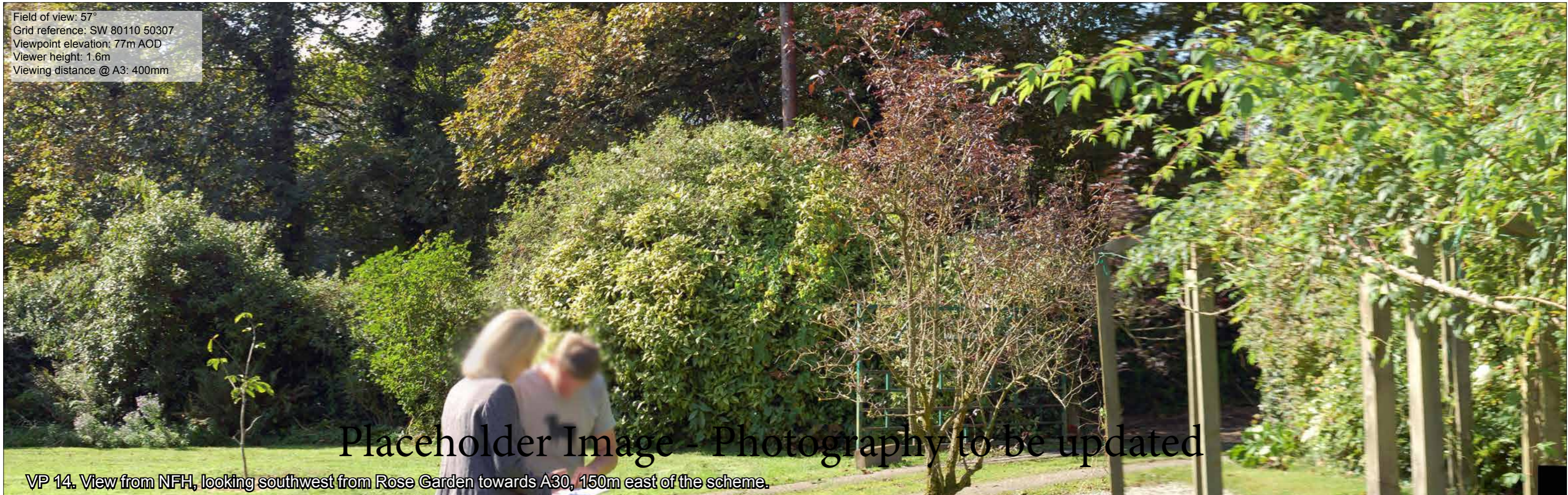
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PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
DRAFT

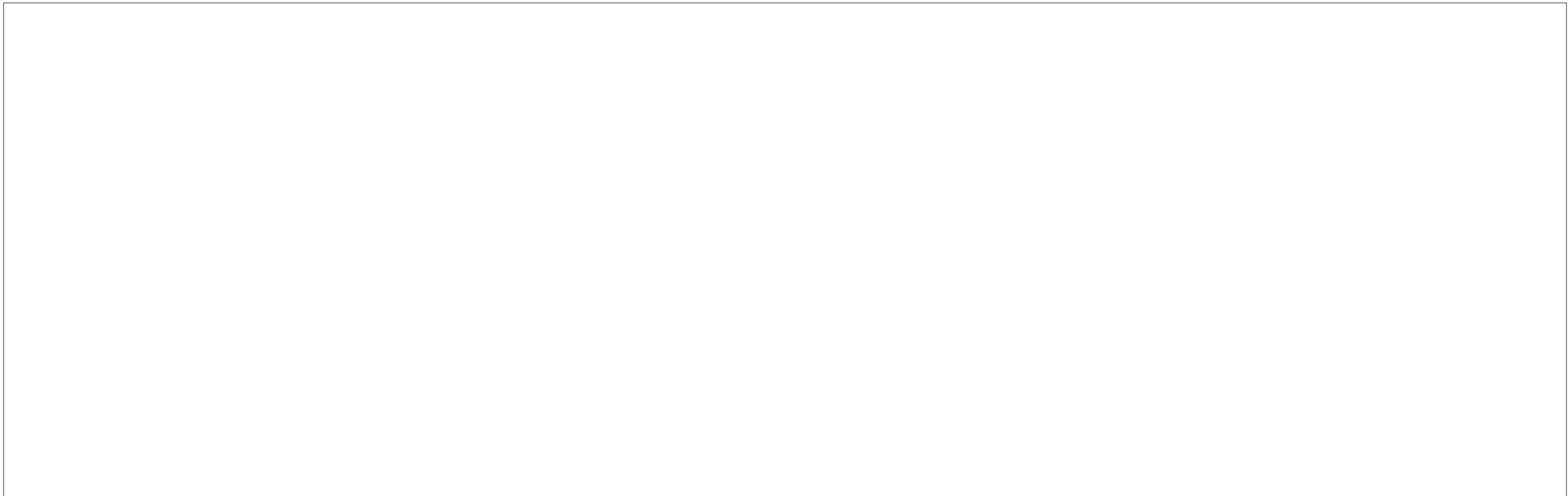
A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 13 of 29

Field of view: 57°
Grid reference: SW 80110 50307
Viewpoint elevation: 77m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



Placeholder Image - Photography to be updated

VP 14. View from NFH, looking southwest from Rose Garden towards A30, 150m east of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
DRAFT

A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 80046 50357
Viewpoint elevation: 81m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 15. View from PRow between A30 and NFH, looking southwest, 30m southeast of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



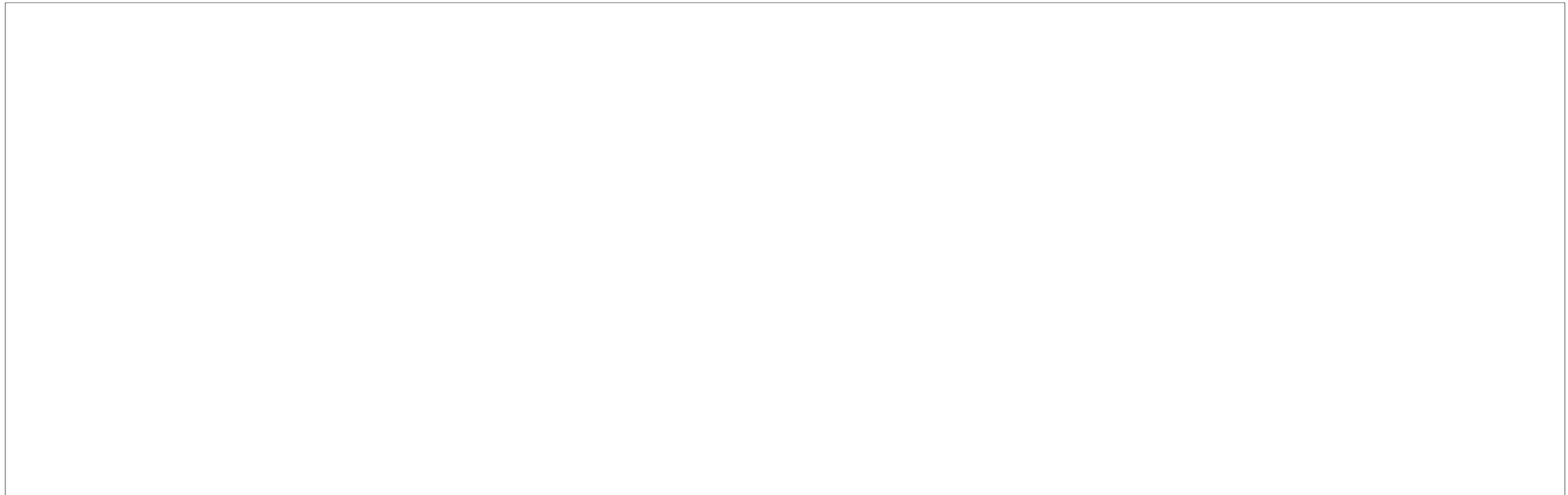
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 15 of 29

Field of view: 57°
Grid reference: SW 80483 50915
Viewpoint elevation: 94m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 16. View from entrance to Chyverton Park, adjacent to Grade II listed Chyverton Park Lodge, looking southeast, 40m northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
DRAFT

A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 80797 50983
Viewpoint elevation: 101m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 17. View from Hill House, adjacent to bridleway 319/9/1, looking northeast, 10m south of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



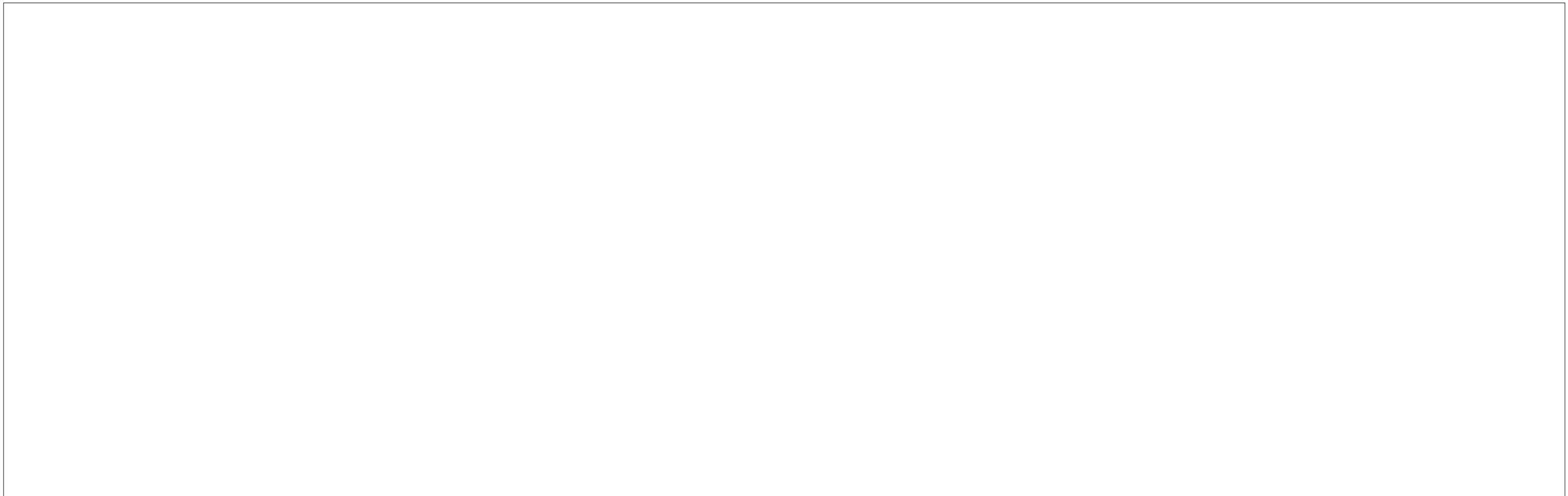
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 17 of 29

Field of view: 57°
Grid reference: SW 81881 51458
Viewpoint elevation: 76m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 18. View from PRoW 319/8/1, near Trerice, looking northeast towards A30, 750m southeast / 1.3km southwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



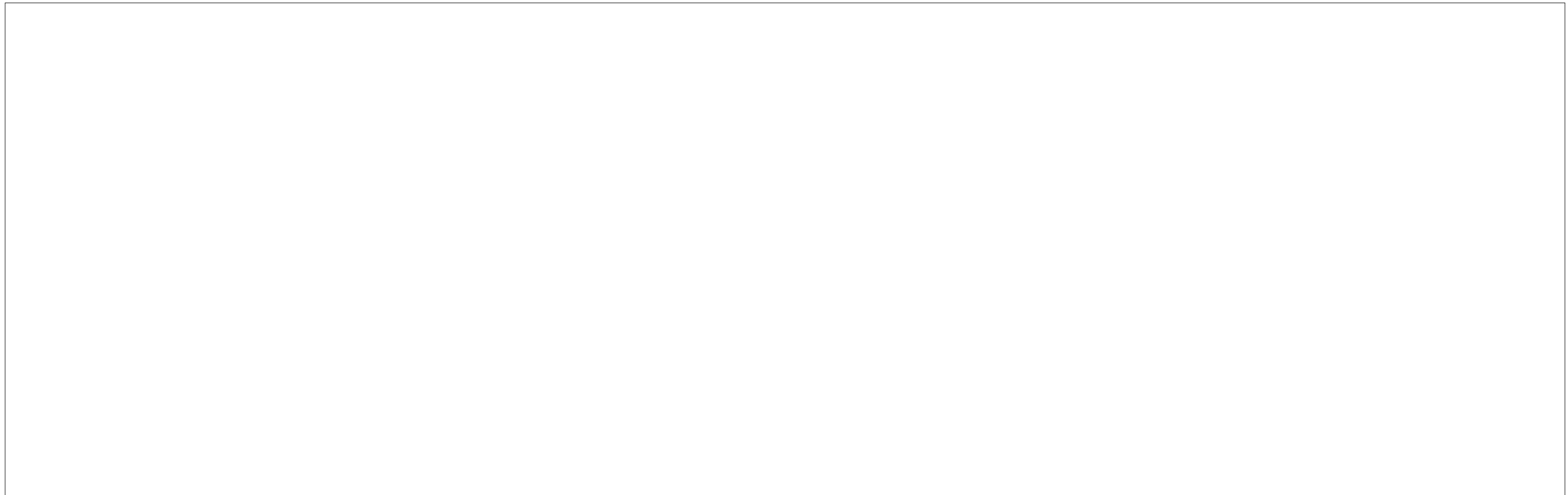
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 81300 51884
Viewpoint elevation: 75m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 19. View from intersection of the footpath near Church Lane, Zelah with existing A30, looking southwest along the A30, 30m west of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



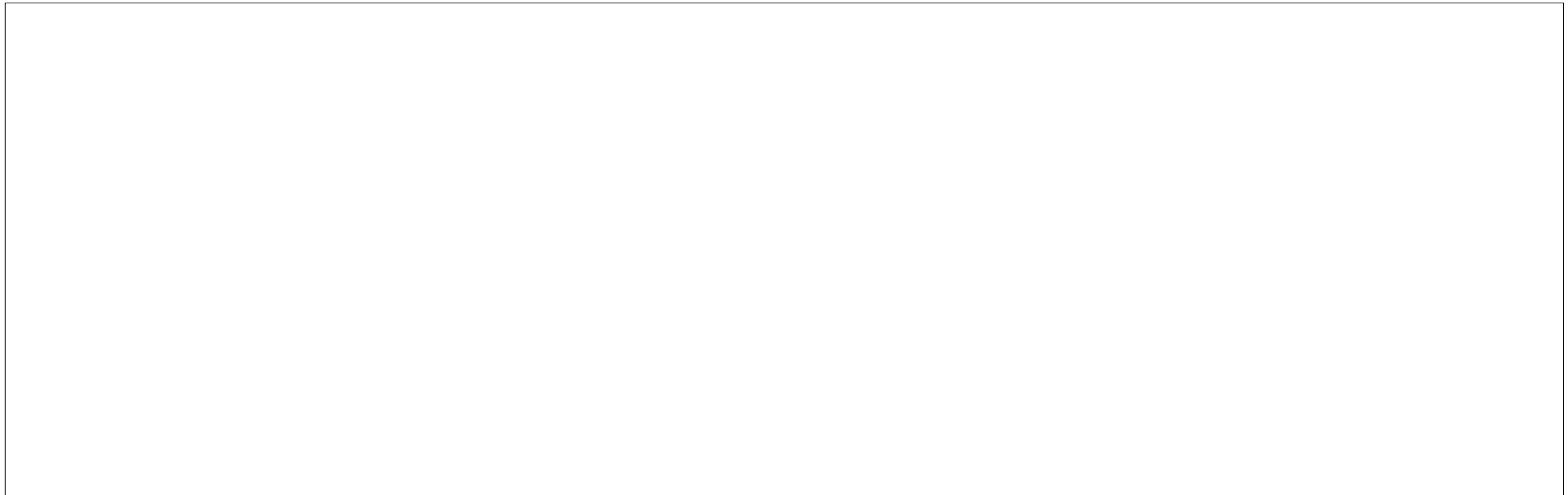
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 81397 52181
Viewpoint elevation: 85m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 20. View from the intersection of the High Road and Henver Lane, looking northeast, within the Scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



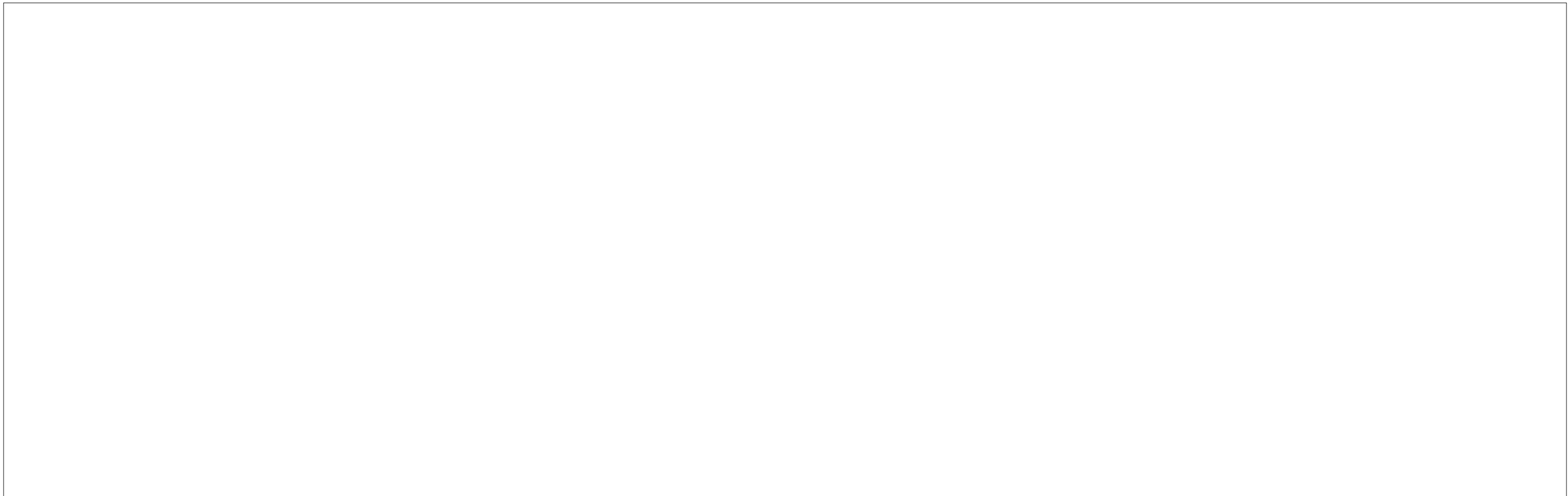
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 20 of 29

Field of view: 57°
Grid reference: SW 81869 52669
Viewpoint elevation: 116m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 21. View from Tregorlands, looking southeast, 60m northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



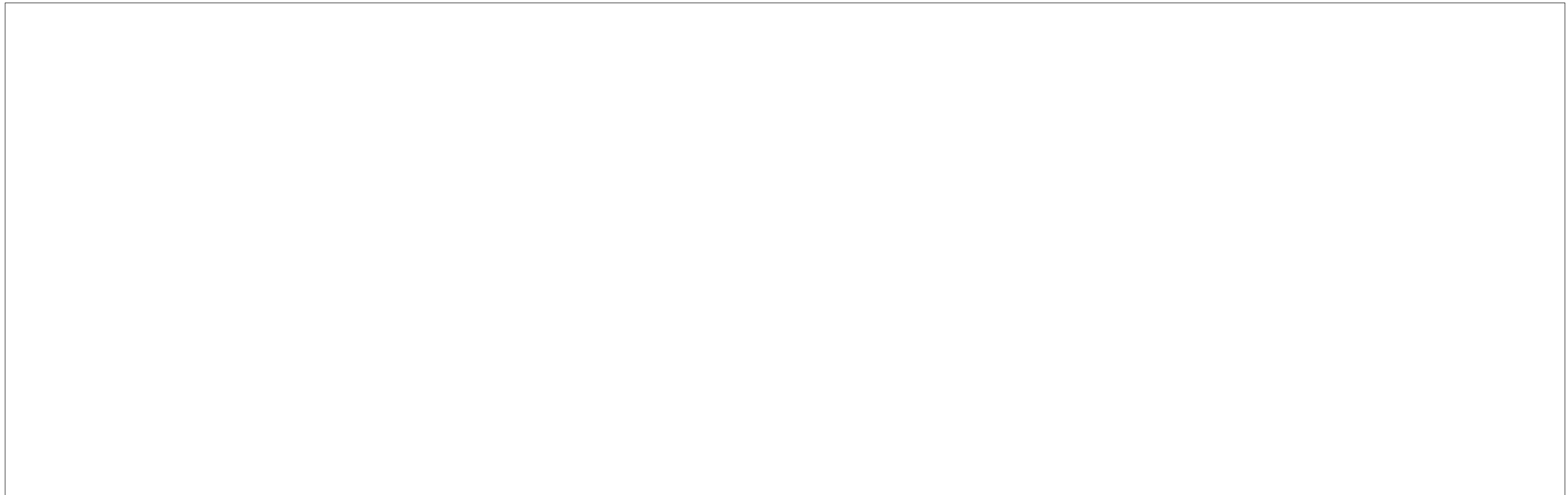
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 21 of 29

Field of view: 57°
Grid reference: SW 81868 52667
Viewpoint elevation: 105m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 22. View from Honeycombe Farm, looking northeast, 50m south of the Scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 38.4°
Grid reference: SW 82442 52969
Viewpoint elevation: 114m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 23. View from Penny-Come-Quick, looking southeast, within the Scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



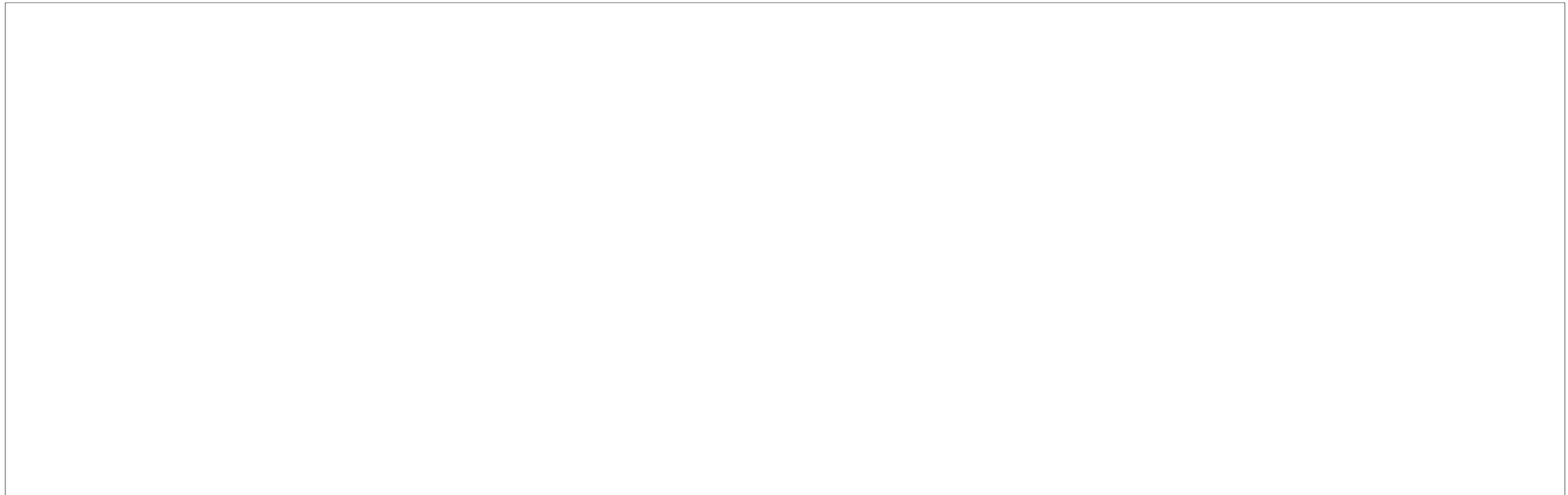
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 83509 53494
Viewpoint elevation: 128m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 24. View from Journey's End, looking southeast, 110m north-northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



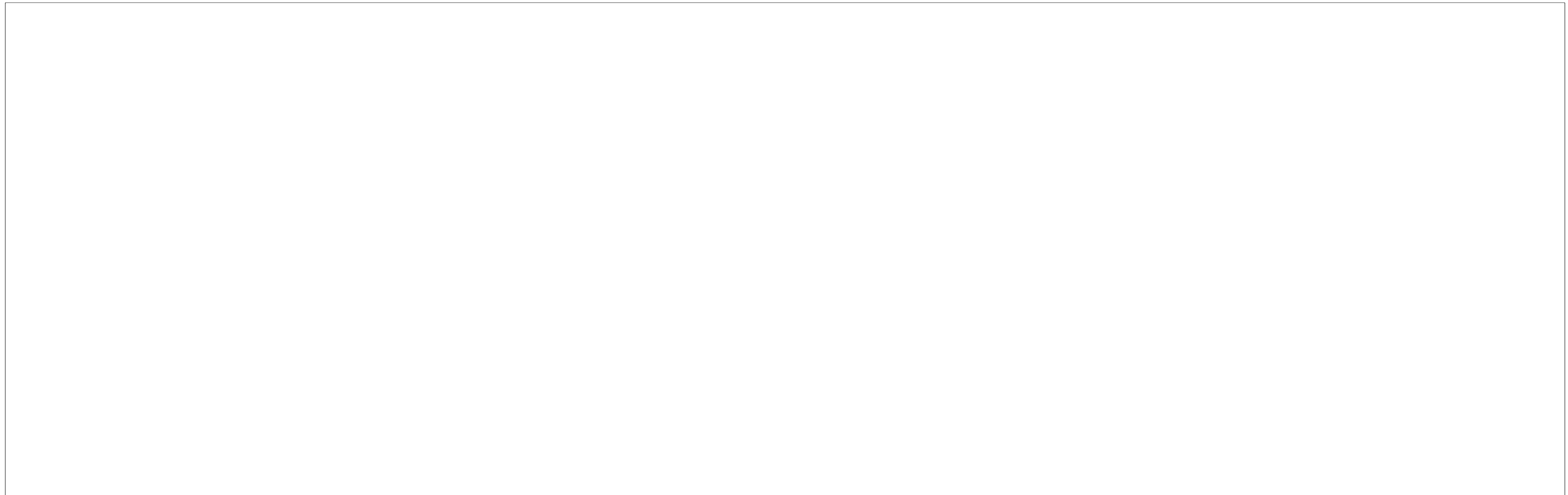
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 24 of 29

Field of view: 57°
Grid reference: SW 83398 54620
Viewpoint elevation: 70m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 25. View from PRow 324/10/1 within Newlyn Downs, looking southeast to southwest towards trees at Carland Quarry, 1km north of the scheme.



NOTES:

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PO	3/12/17	BO	JP	PH	IM	First draft for comment



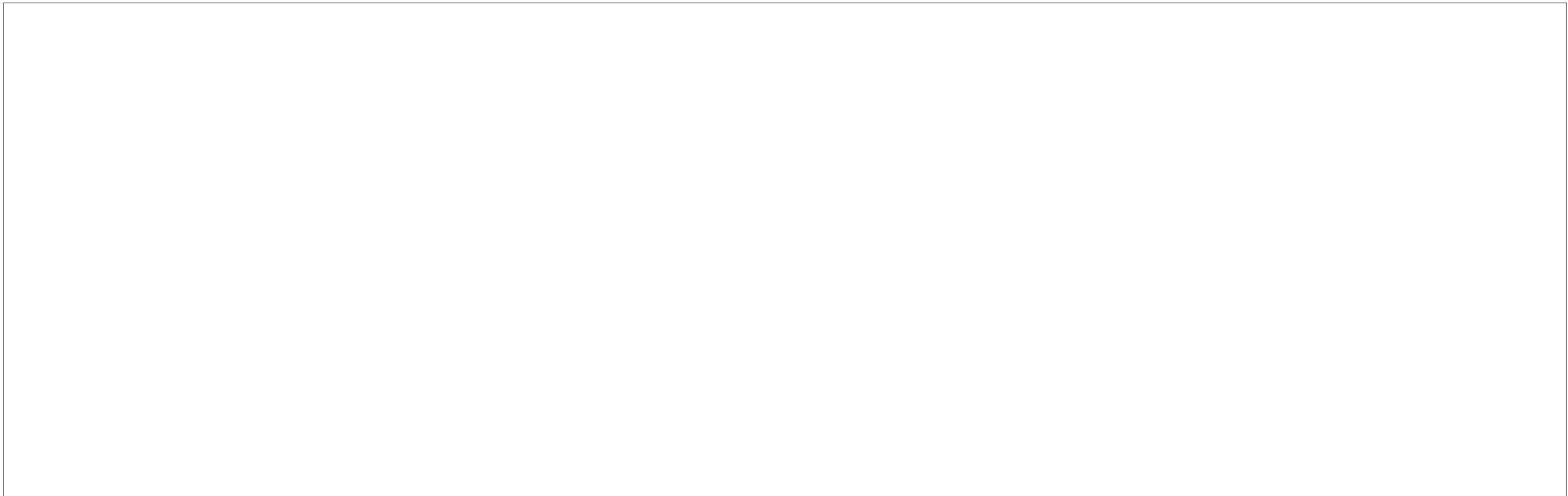
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 25 of 29

Field of view: 57°
Grid reference: SW 84203 54029
Viewpoint elevation: 122m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 26. View from base of turbine at southwest corner of Carland Cross Wind Farm, 120m northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



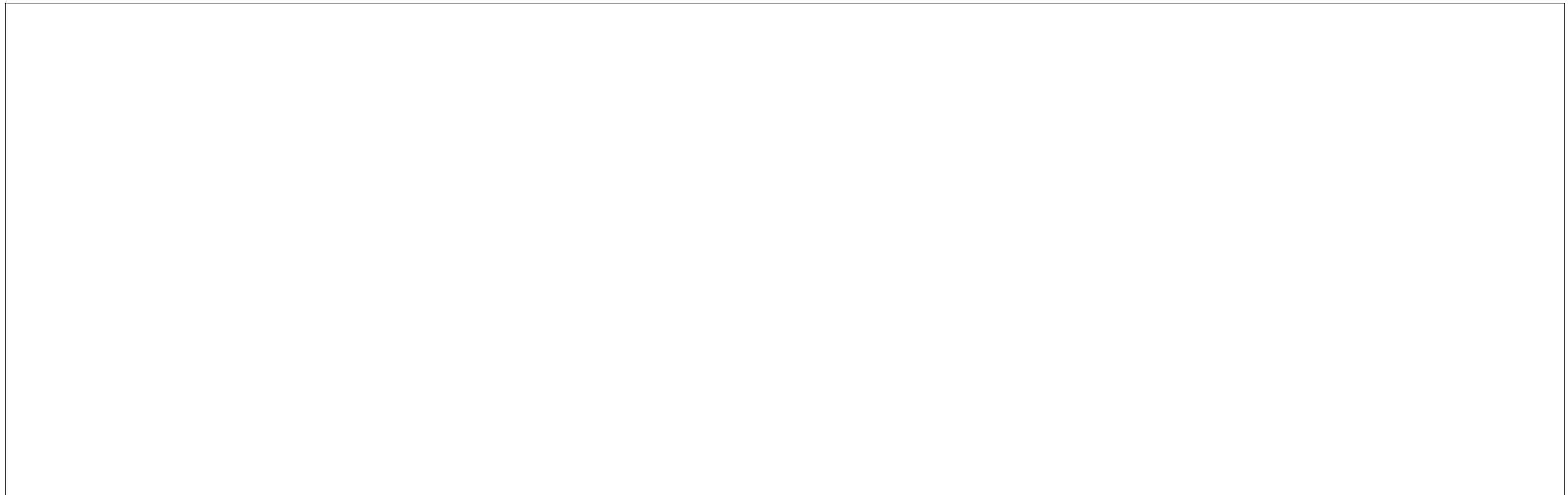
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
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Field of view: 57°
Grid reference: SW 84142 53704
Viewpoint elevation: 146m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 27. View from Open Access heathland near the Carland Cross Barrow Cemetery, within the Scheme.



NOTES:

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PO	3/12/17	BO	JP	PH	IM	First draft for comment



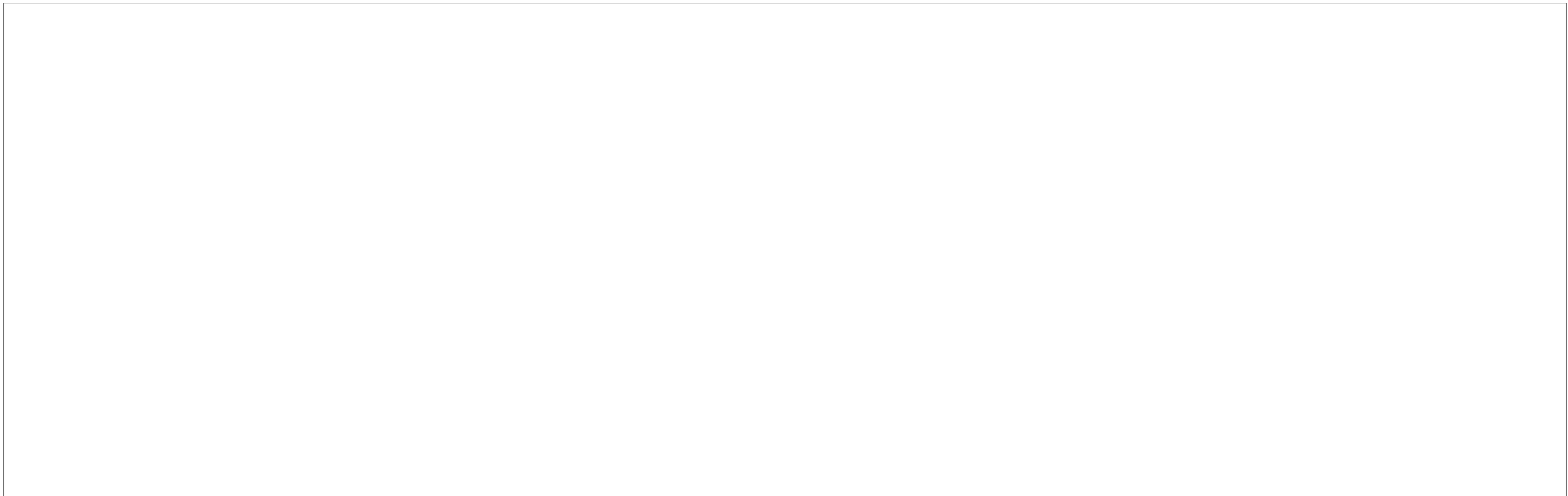
Job No: 256019-00
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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 27 of 29

Field of view: 57°
Grid reference: SW 81600 56440
Viewpoint elevation: 92m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 28. View from an unclassified local road, south of the intersection with Cargoll Road, 3.7km northwest of the scheme.



NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment



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A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 28 of 29

Field of view: 57°
Grid reference: SW 71006 50215
Viewpoint elevation: 177m AOD
Viewer height: 1.6m
Viewing distance @ A3: 400mm



VP 29. View from St Agnes Beacon looking southeast, 5km northwest of the scheme.

NOTES:

Issue	Date	Author	Chkd	Appd	Authorised	Comment
PO	3/12/17	BO	JP	PH	IM	First draft for comment

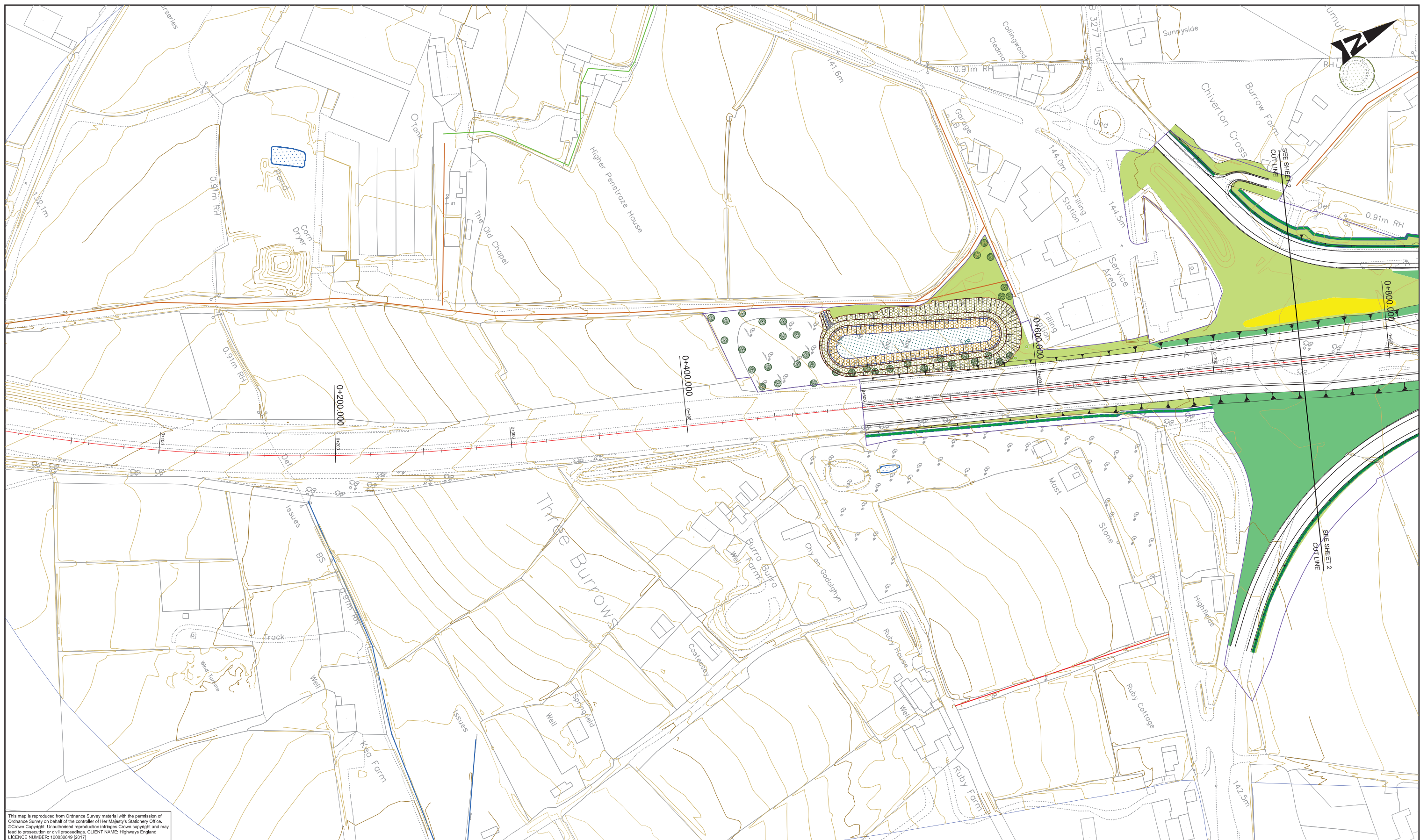


Job No: 256019-00
DRAFT

A30 Chiverton to Carland Cross
Figure 7 - 5
Sheet 29 of 29

DO NOT SCALE

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				Subactivity	Drawing Status
In addition to the hazards/tasks 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)	P01.1	15/12/17	FIRST ISSUE	BO	JP
Rev.	Date	Description	By	Chk'd	App'd

ARUP

Client: **highways england**

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 1 OF 21					
Scale 1:1000	By BO	Checked JP	Approved ---	Authorised ---	
Original Size A1	Date 15/12/17	Date 15/12/17	Date ---	Date ---	
Drawing Number HA551502 - SW	Originator ARP	Volume -DR - LE - 001001	Revision P01.1		

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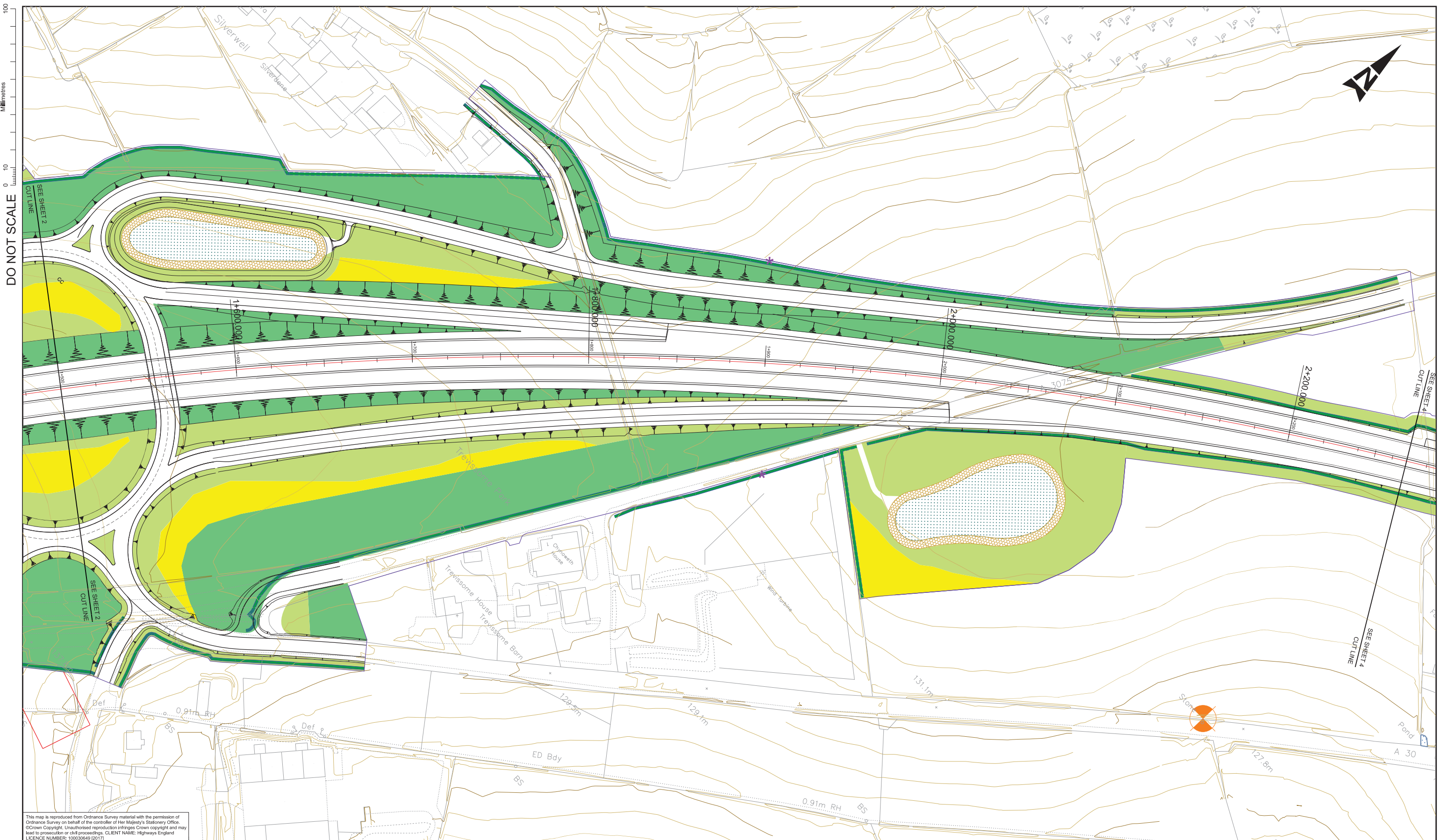
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/tasks 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)	P01.1	15/12/17	FIRST ISSUE	BO	JP

Rev.	Date	Description	By	Chk'd	App'd	Auth'd

Subsidiary		Drawing Status		Project Title	
ARUP				A30 CHIVERTON TO CARLAND CROSS	
Client		Drawing Title		Revision	
highways england		FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 2 OF 21		P01.1	
European Union European Regional Development Fund		Scale		Originator	
		1:1000		Volume	
		Original Size		Type	
		A1		Role	
		Date		Number	
		15/12/17		-DR-LE-001002	
		15/12/17			
		Drawing Number			
HA551502 - SW		HE PIN			
ARP		Originator			
-DR-LE-001002		Volume			
		Type			
		Role			
		Number			



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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)	P01.1	15/12/17	FIRST ISSUE	BO	JP	---	---	---	---
Rev.	Date	Description	By	Chk'd	App'd	Auth'd			

Subsidiary	Drawing Status								
ARUP									
Client									

Project Title					
A30 CHIVERTON TO CARLAND CROSS					
Drawing Title					
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 3 OF 21					
Scale	By	Checked	Approved	Authorised	
1:1000	BO	JP	---	---	
Original Size	Date	Date	Date	Date	
A1	15/12/17	15/12/17	---	---	
Drawing Number	HE PIN	Originator	Volume	Revision	
HA551502 - SW	ARP	ARP	ELS	P01.1	
Location		Type	Role	Number	
		-DR - LE - 001003			

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P01.1	15/12/17	FIRST ISSUE	BO	JP		

Subsidiary Drawing Status

ARUP

Client

Project Title
A30 CHIVERTON TO CARLAND CROSS

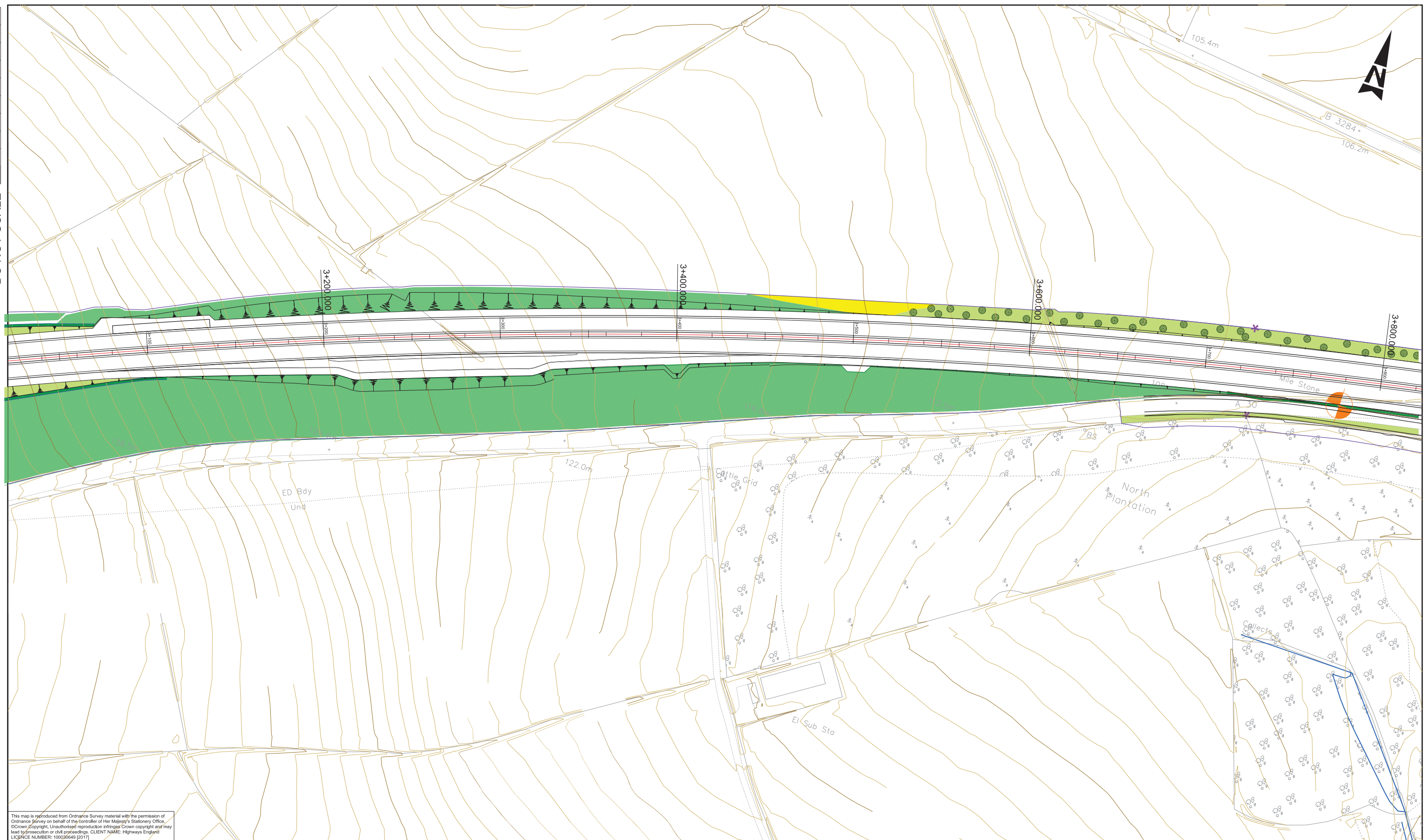
Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 4 OF 21

Scale	By	Checked	Approved	Authorised
1:1000	BO	JP		
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17		
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW		ARP	ELS	P01.1
		-DR-LE-001004		
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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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)

Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P01.1	15/12/17	FIRST ISSUE	BO	JP		

Subsidiary Drawing Status

ARUP

Client

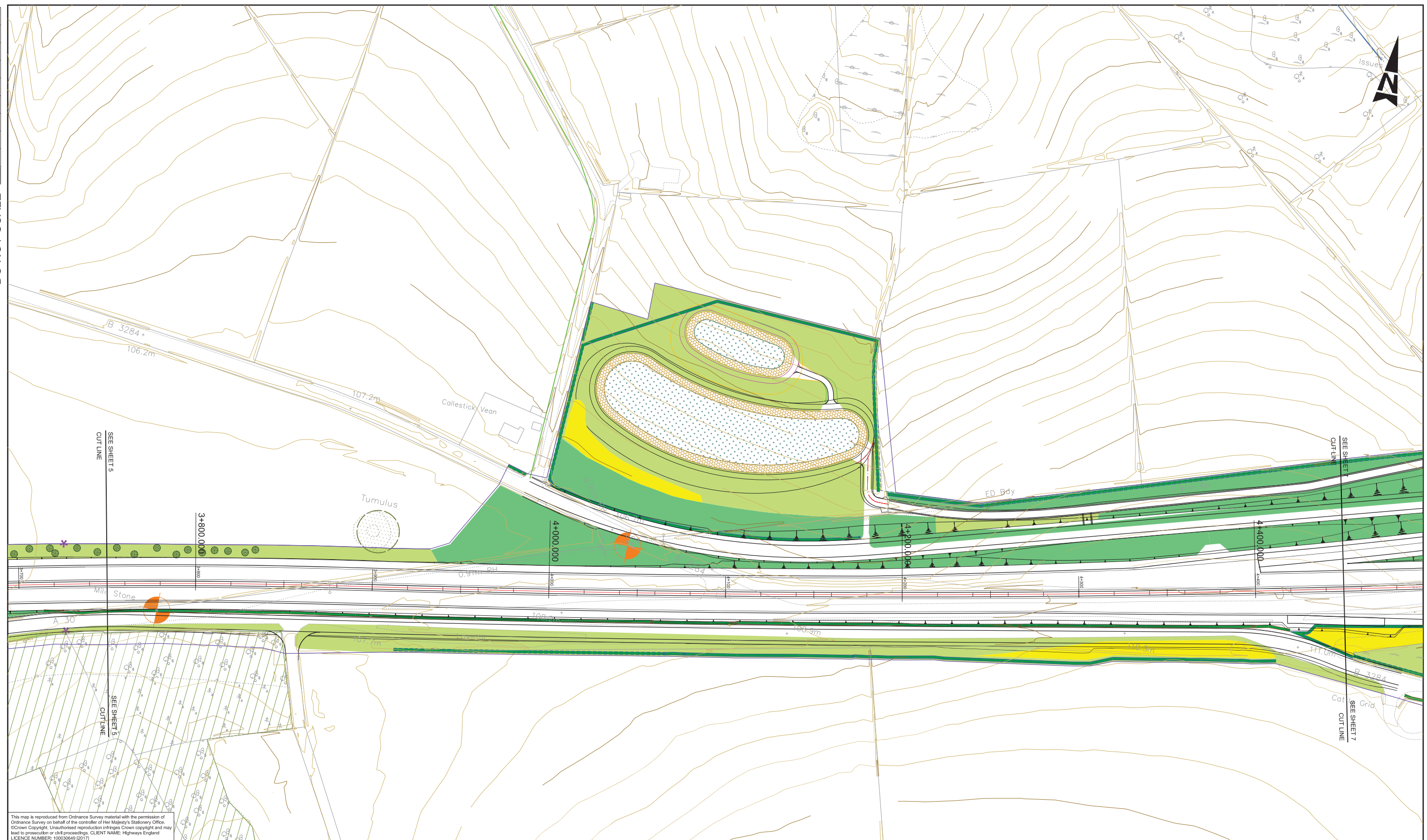
highways england

European Union European Regional Development Fund

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 5 OF 21					
Scale 1:1000	By BO	Checked JP	Approved ---	Authorised ---	
Original Size A1	Date 15/12/17	Date 15/12/17	Date ---	Date ---	
Drawing Number HA551502 - SW	HE PIN ARP	Originator ELS	Volume -DR - LE - 001005	Revision P01.1	
Location		Type	Role	Number	

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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)	P01.1	15/12/17	FIRST ISSUE	BO	JP	---	---
Rev.	Date	Description	By	Chk'd	App'd	Auth'd	

Subsidiary	Drawing Status						
ARUP							
Client	 						

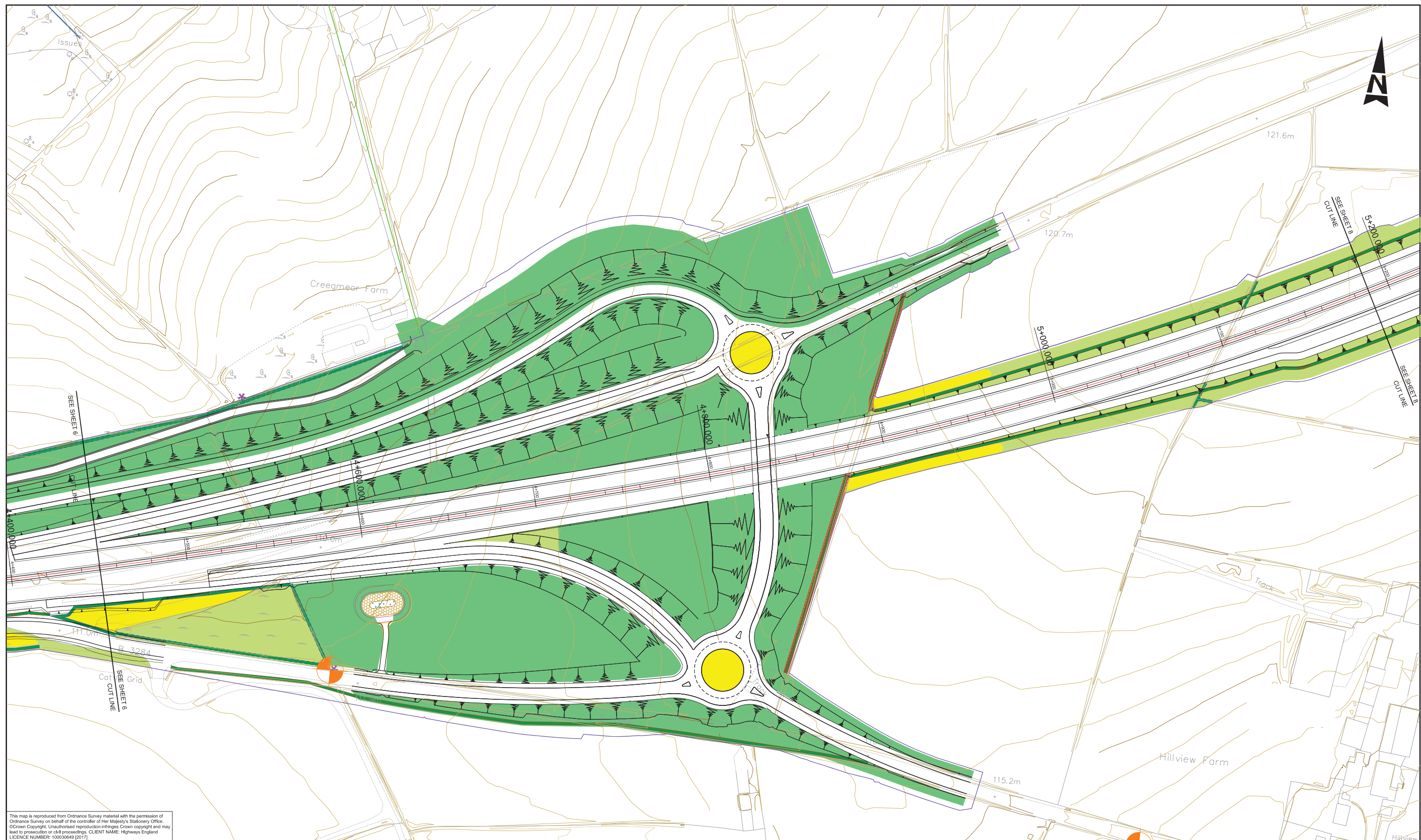
Project Title					
A30 CHIVERTON TO CARLAND CROSS					
Drawing Title					
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 6 OF 21					
Scale	By	Checked	Approved	Authorised	
1:1000	BO	JP	---	---	
Original Size	Date	Date	Date	Date	
A1	15/12/17	15/12/17	---	---	
Drawing Number	HE PIN	Originator	Volume	Revision	
HA551502 - SW	ARP	ARP	ELS	P01.1	
Location	Type	Role	Number		

Project Title					
A30 CHIVERTON TO CARLAND CROSS					
Drawing Title					
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 6 OF 21					
Scale	By	Checked	Approved	Authorised	
1:1000	BO	JP	---	---	
Original Size	Date	Date	Date	Date	
A1	15/12/17	15/12/17	---	---	
Drawing Number	HE PIN	Originator	Volume	Revision	
HA551502 - SW	ARP	ARP	ELS	P01.1	
Location	Type	Role	Number		

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				Subsidiary	Drawing Status
In addition to the hazards/tasks 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)	P01.1	15/12/17	FIRST ISSUE	BO	JP
Rev.	Date	Description	By	Chk'd	App'd

ARUP

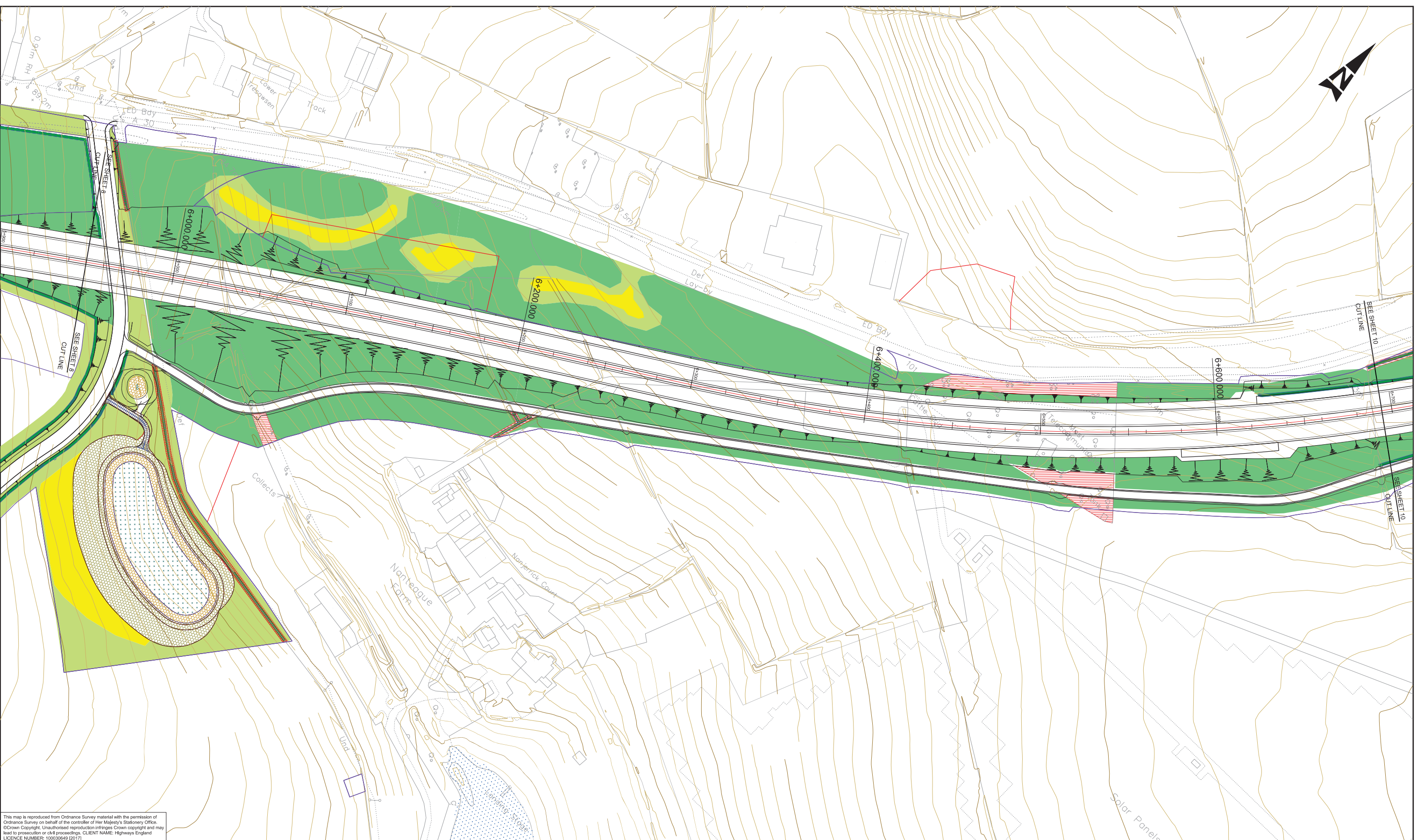
highways england

European Union European Regional Development Fund

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 7 OF 21					
Scale 1:1000	By BO	Checked JP	Approved ---	Authorised ---	
Original Size A1	Date 15/12/17	Date 15/12/17	Date ---	Date ---	
Drawing Number HA551502 - SW	HE PIN ARP	Originator ELS	Volume -DR - LE - 001007	Revision P01.1	
Location	Type	Role	Number		

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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	15/12/17	FIRST ISSUE	BO	JP	PH	--
	P02	15/12/17	FIRST ISSUE	BO	JP	PH	PH
Rev.	Date	Description		By	Chk'd	App'd	Auth'd

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

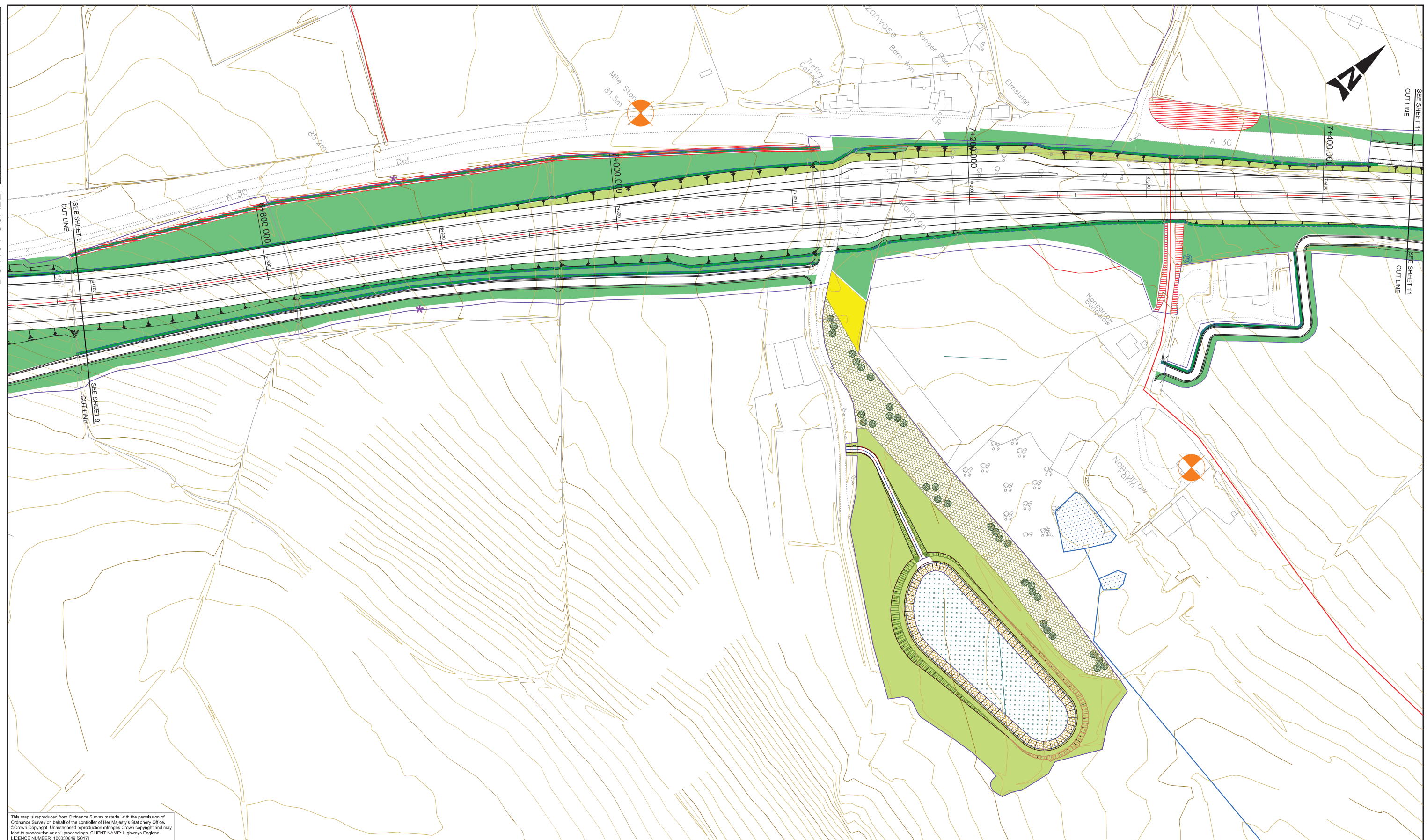
Client

Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 9 OF 21

Scale 1:1000	By BO	Checked JP	Approved PH	Authorised PH
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17
Drawing Number HA551502 - SW	HE PIN ARP	Originator -DR	Volume -LE	Revision P02
Location	Type	Role	Number	

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				Subsidiary	Drawing Status
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)	P01.1	15/12/17	FIRST ISSUE	BO	JP
Rev.	Date	Description	By	Chk'd	App'd

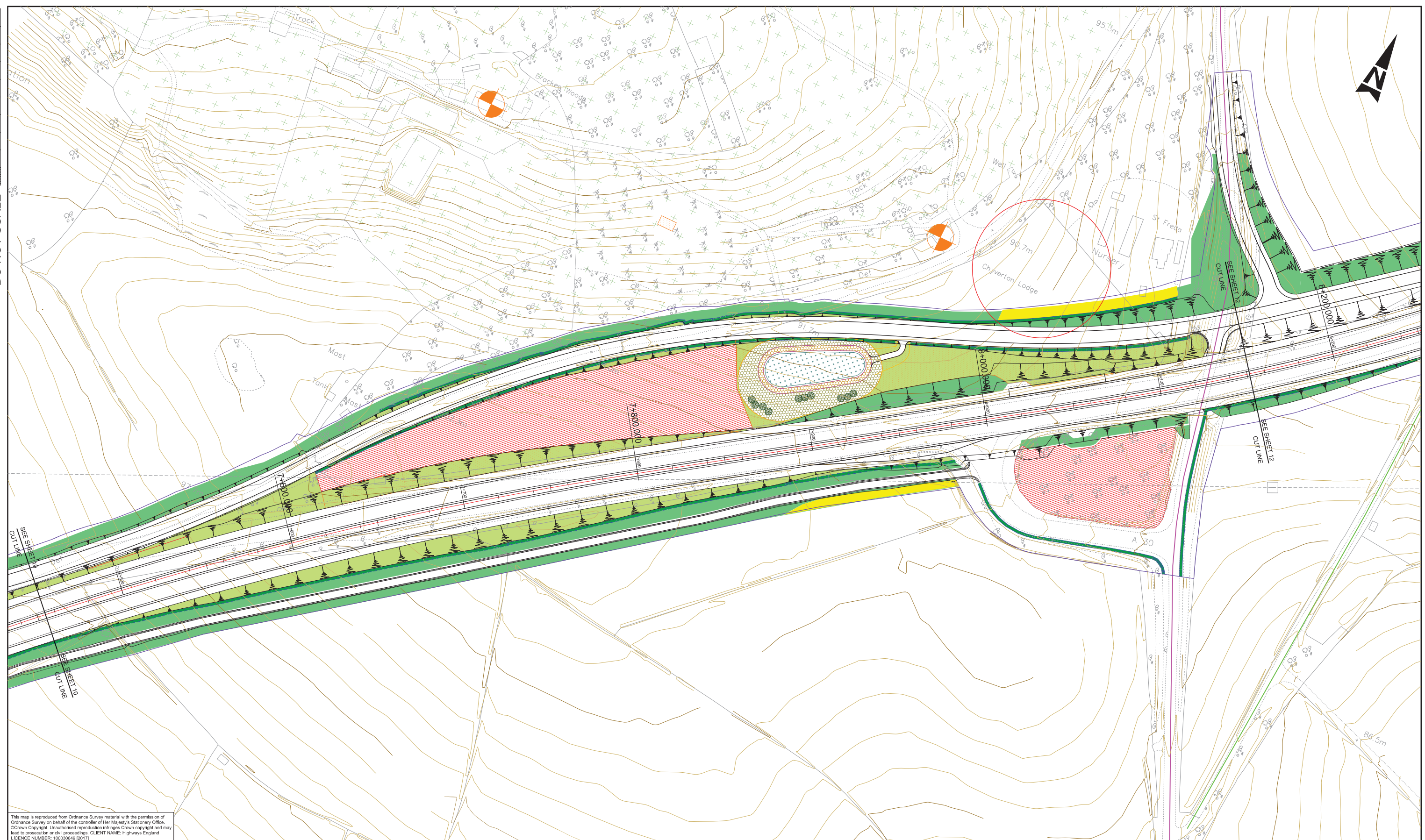
ARUP

Client: **highways england**

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 10 OF 21					
Scale 1:1000	By BO	Checked JP	Approved ---	Authorised ---	
Original Size A1	Date 15/12/17	Date 15/12/17	Date ---	Date ---	
Drawing Number HA551502 - SW	HE PIN ARP	Originator ELS	Volume -DR-LE-001010	Revision P01.1	
Location	Type	Role	Number		

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Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition			
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)			
P01	P01	P01	P01			
15/12/17	15/12/17	15/12/17	15/12/17			
FIRST ISSUE	FIRST ISSUE	FIRST ISSUE	FIRST ISSUE			
BO	BO	BO	BO			
JP	JP	JP	JP			
PH	PH	PH	PH			
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Rev.	Date	Description	By	Chk'd	App'd	Auth'd

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

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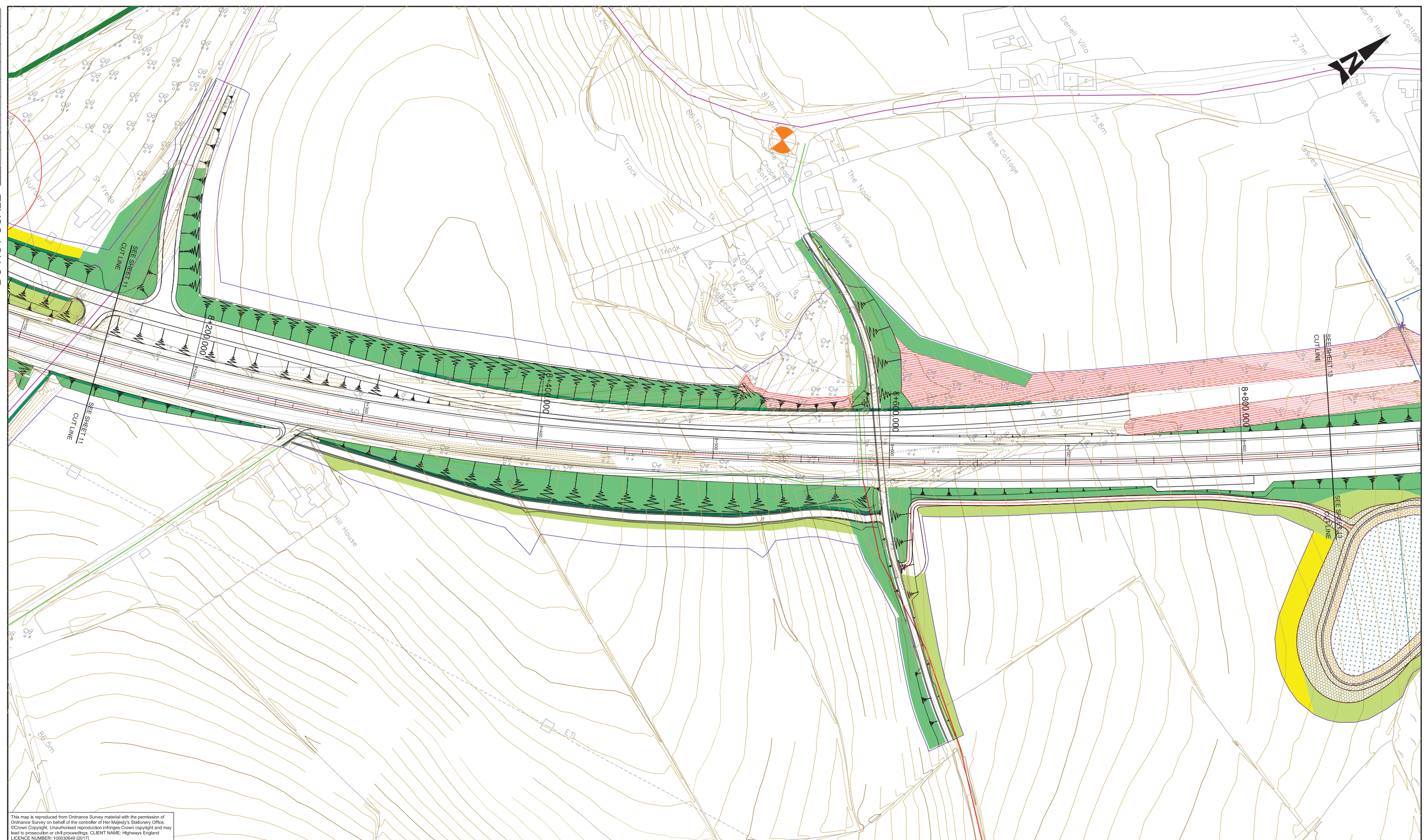

Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 11 OF 21

Scale	By	Checked	Approved	Authorised
1:1000	BO	JP	PH	PH
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	ARP	ELS	-DR - LE - 001011	P02
Location	Type	Role	Number	

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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)									
Rev.	Date	Description	By	Chk'd	App'd	Auth'd			

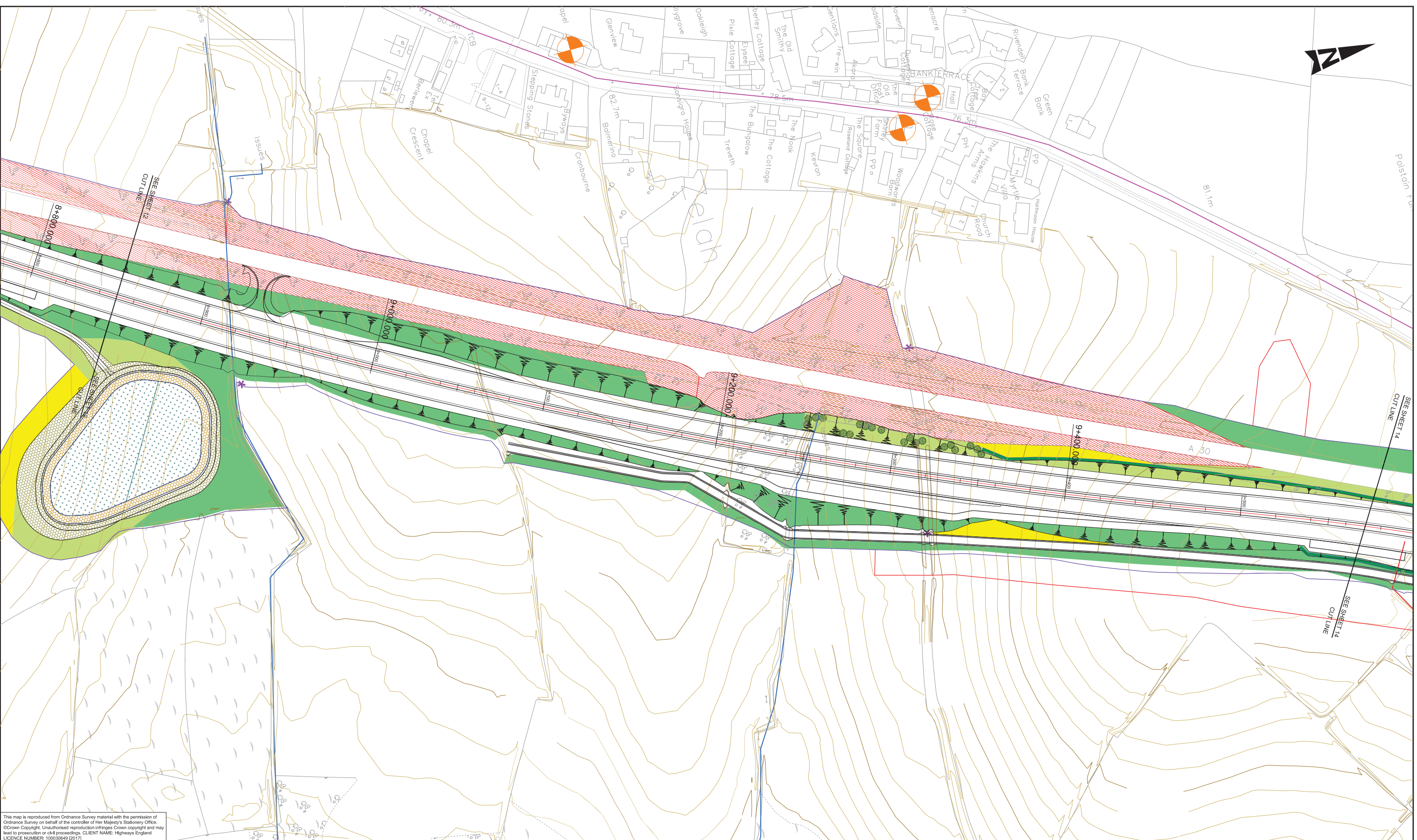
Subsidiary	Drawing Status								
S3	SUITABLE FOR REVIEW & COMMENT								
ARUP									
Client	 								

Project Title		A30 CHIVERTON TO CARLAND CROSS							
Drawing Title		FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 12 OF 21							
Scale	By	Checked	Approved	Authorised					
1:1000	BO	JP	PH	PH					
Original Size	Date	Date	Date	Date					
A1	15/12/17	15/12/17	15/12/17	15/12/17					
Drawing Number	HE PIN	Originator	Volume						
HA551502 - SW	ARP	ARP	ELS						
Location	Type	Role	Number						

Revision	P02		
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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	15/12/17	FIRST ISSUE	BO	JP	PH	
P02	15/12/17	FIRST ISSUE	BO	JP	PH	PH

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

Client
highways england

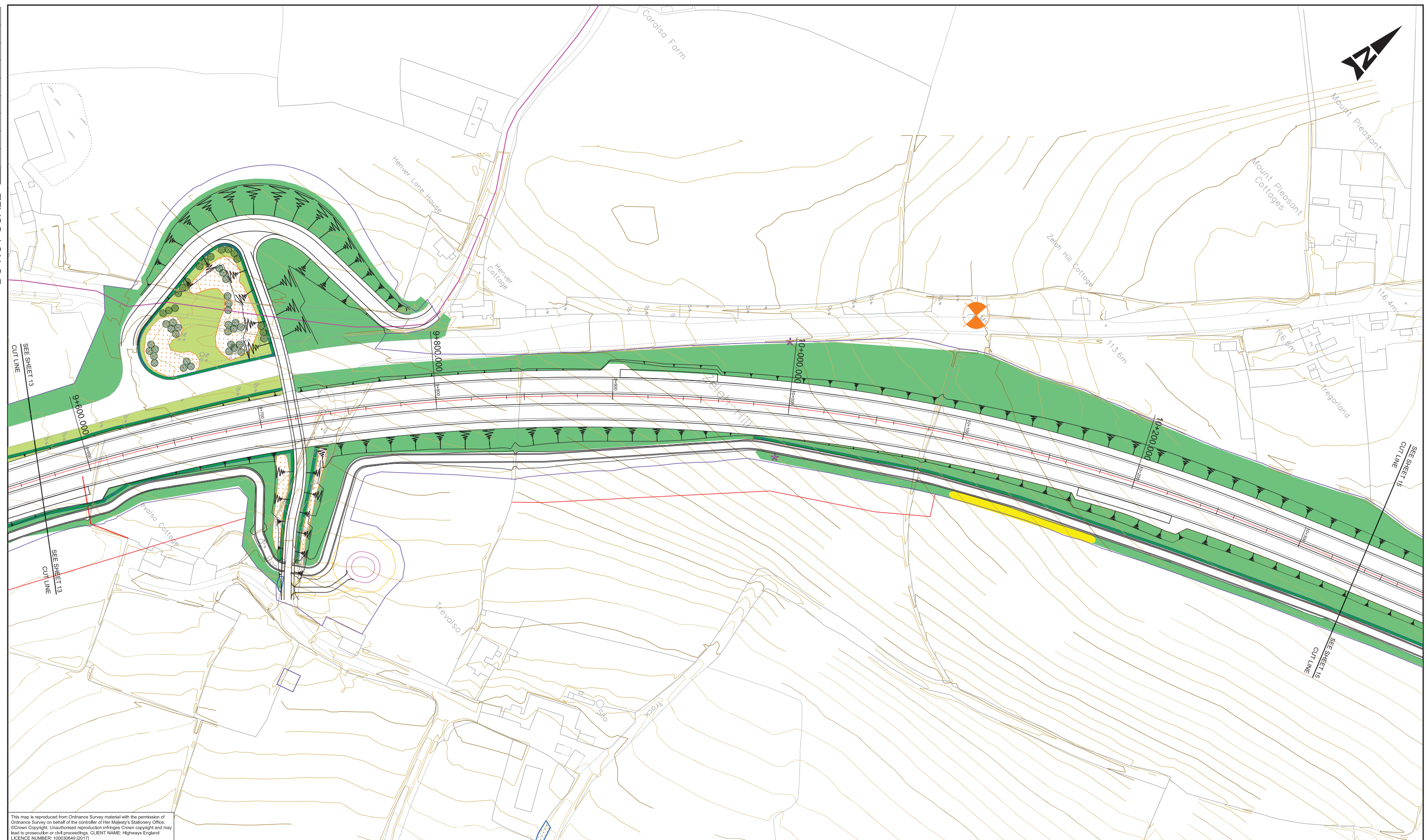
European Union
European Regional Development Fund

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 13 OF 21					
Scale 1:1000	By BO	Checked JP	Approved PH	Authorised PH	
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17
Drawing Number HA551502 - SW	Originator ARP	Volume -DR-LE-001013	Revision P02		
Location	Type	Role	Number		

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Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)
P01	15/12/17	FIRST ISSUE	BO JP PH
P02	15/12/17	FIRST ISSUE	BO JP PH
Rev.	Date	Description	By Chk'd App'd Auth'd

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

Client

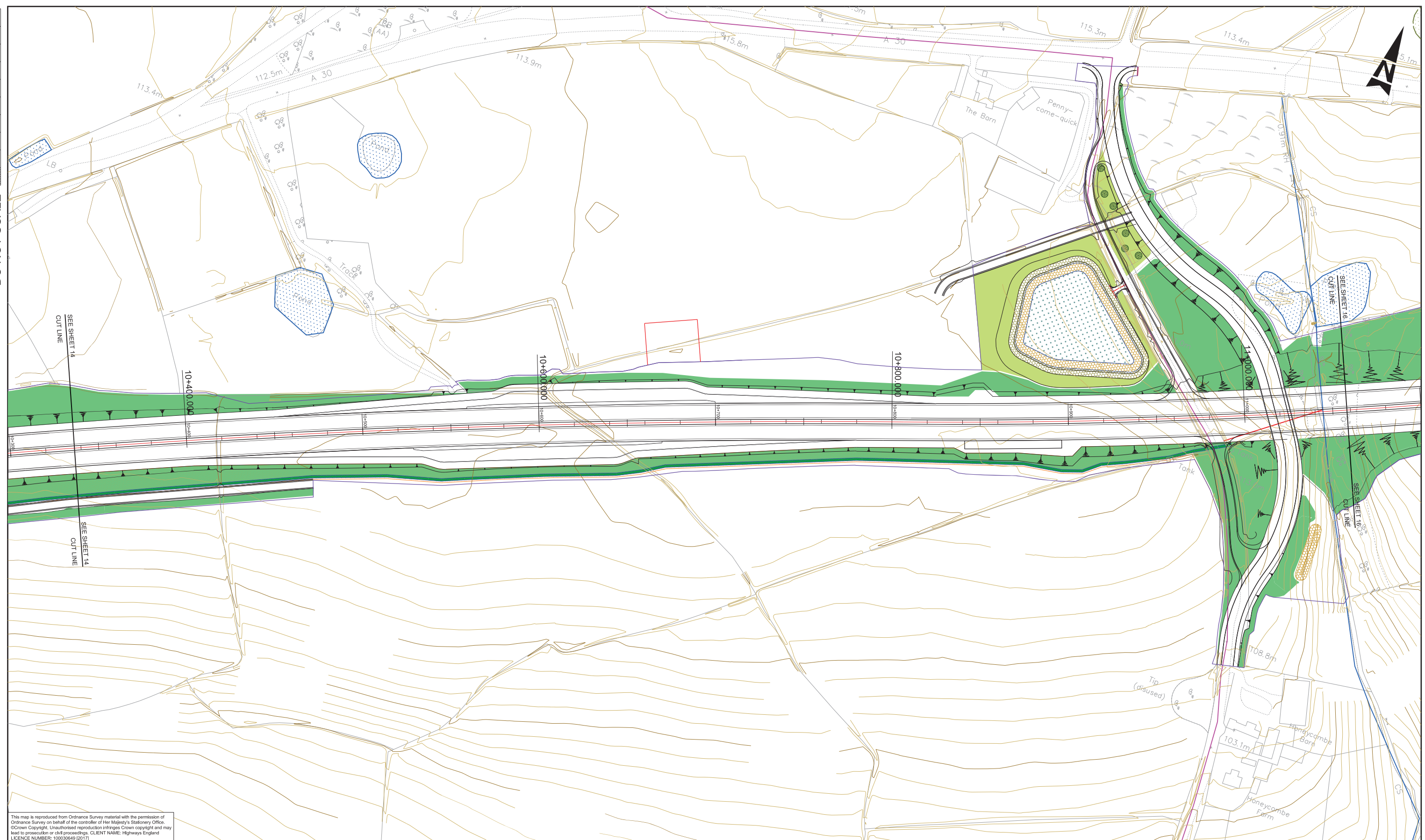
Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 14 OF 21

Scale	By	Checked	Approved	Authorised
1:1000	BO	JP	PH	PH
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	Originator	Volume	Revision	
HA551502 - SW	ARP	ELS	P02	
Location	Type	Role	Number	
	-DR-LE-001014			

DO NOT SCALE

Millimetres
0 10 100



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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/tasks 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	P02		
15/12/17	15/12/17		
FIRST ISSUE	FIRST ISSUE		
BO	BO		
JP	JP		
PH	PH		
Rev.	Date	Description	By
			Chk'd
			App'd
			Auth'd

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

Client



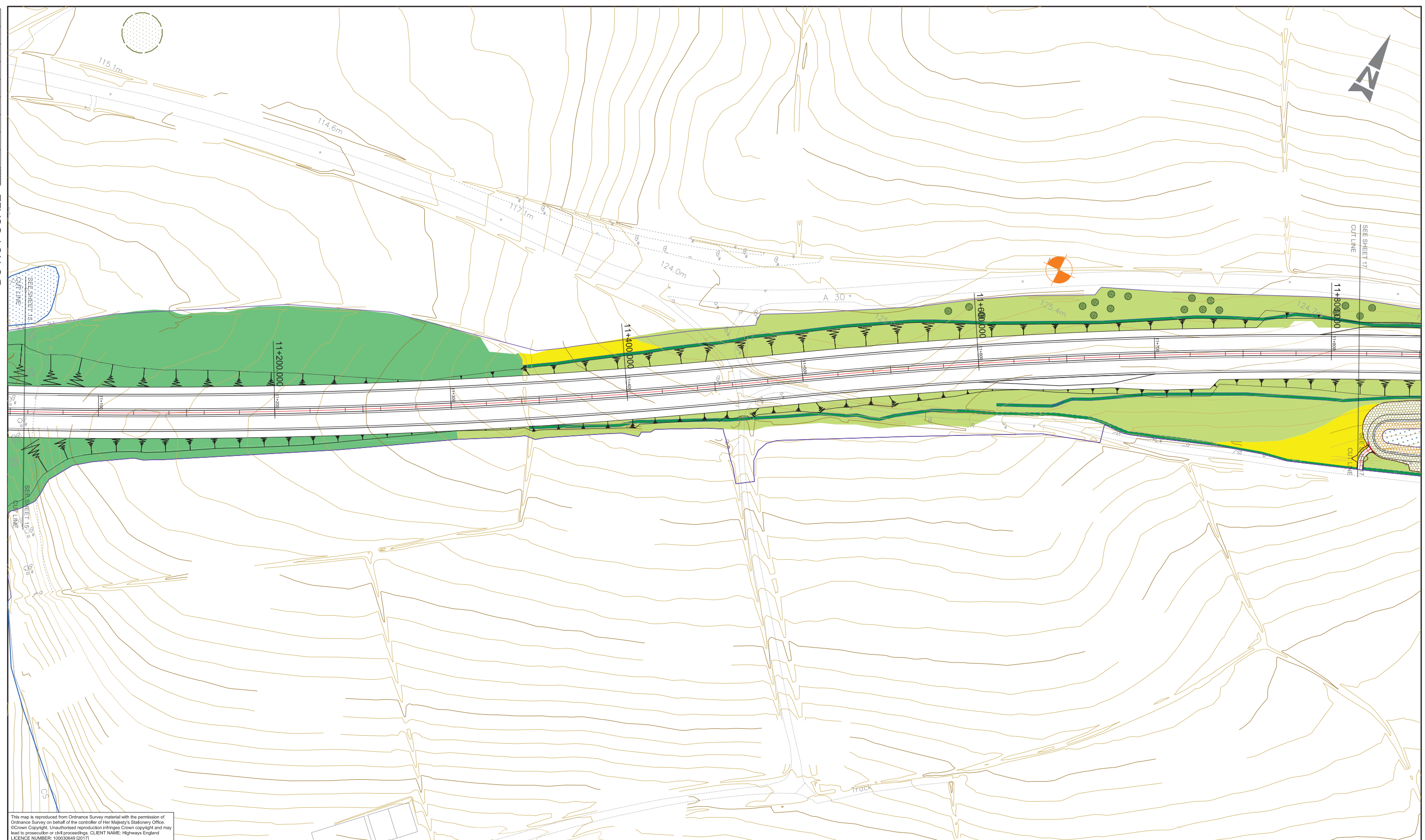

Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 15 OF 21

Scale	By	Checked	Approved	Authorised
1:1000	BO	JP	PH	PH
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	ARP	ELS	-DR - LE - 001015	P02
	Location	Type	Role	Number

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Millimetres
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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)									
Rev.	Date	Description	By	Chk'd	App'd	Auth'd			

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

Client




Project Title
A30 CHIVERTON TO CARLAND CROSS

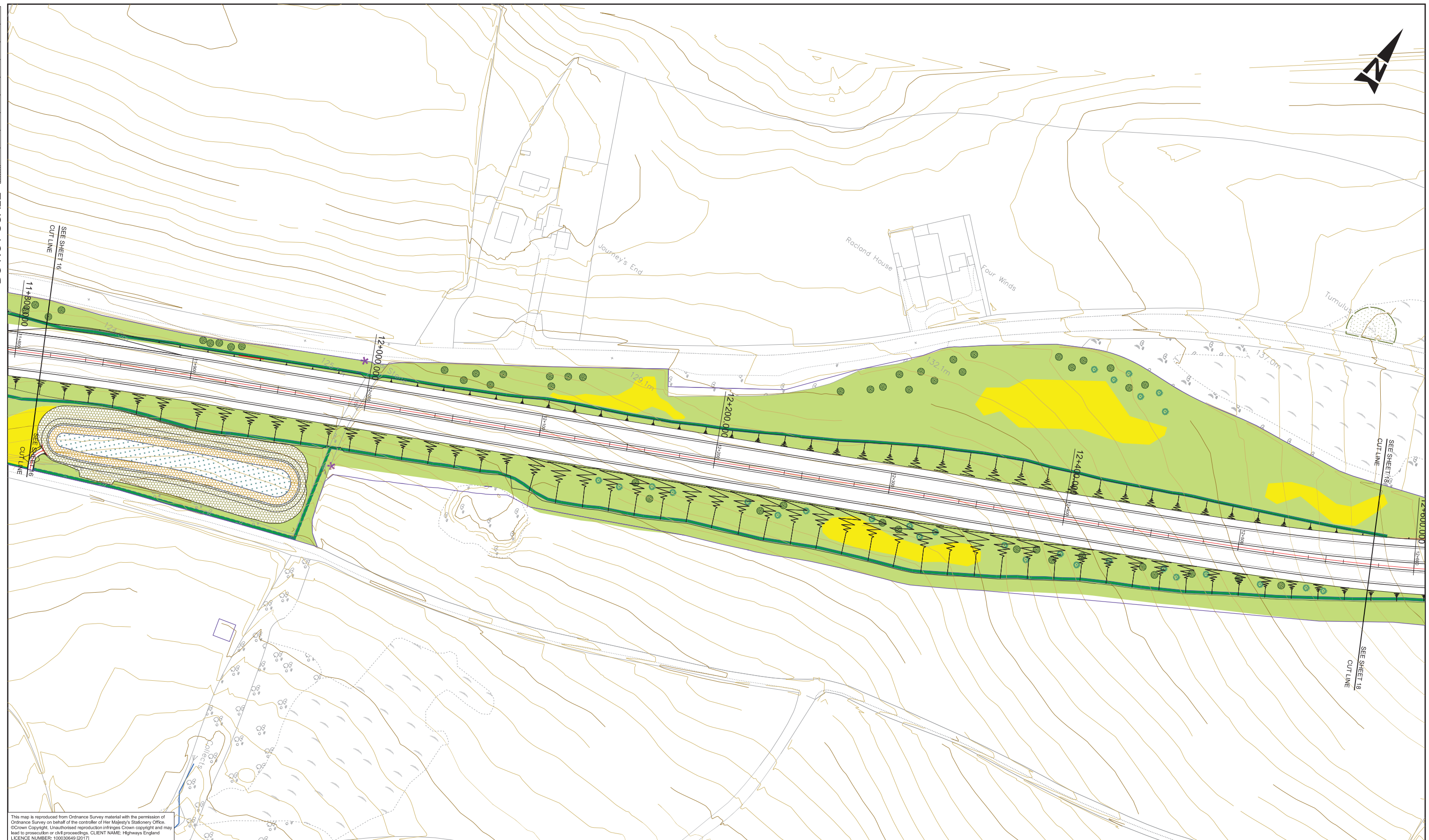
Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 16 OF 21

Scale	1:1000	By	BO	Checked	JP	Approved	PH	Authorised	PH
Original Size	A1	Date	15/12/17	Date	15/12/17	Date	15/12/17	Date	15/12/17
Drawing Number	HA551502 - SW	HE PIN	ARP	Originator	ELS	Volume	-DR-LE-001016	Revision	P02
		Location		Type	Role	Number			

DO NOT SCALE

Millimetres

0 10 100



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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	15/12/17	FIRST ISSUE	BO	JP	PH	
P02	15/12/17	FIRST ISSUE	BO	JP	PH	

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

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Client
highways england

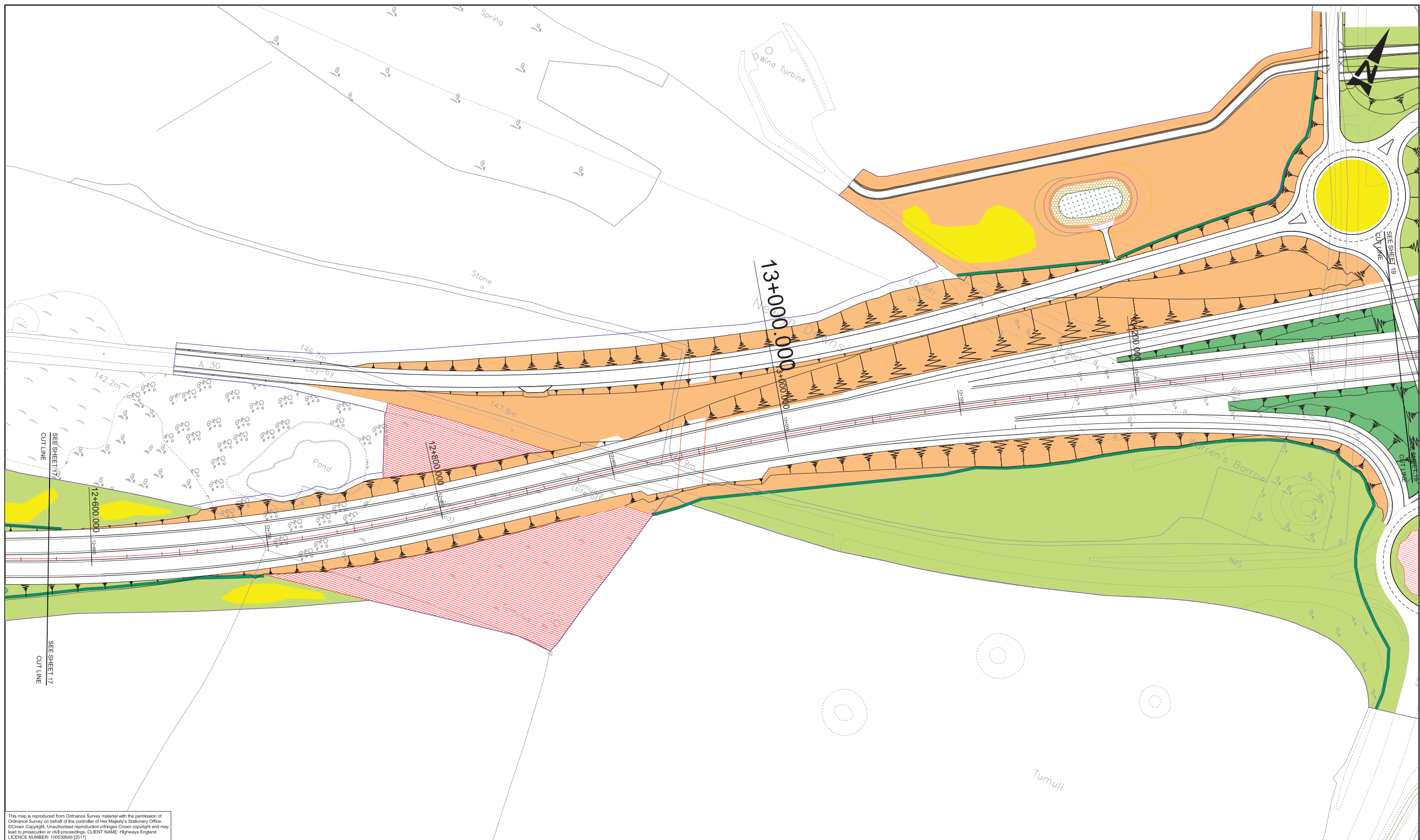
European Union
European Regional Development Fund

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 17 OF 21					
Scale 1:1000	By BO	Checked JP	Approved PH	Authorised PH	
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17
Drawing Number HA551502 - SW	Originator ARP	Volume -DR - LE -001017	Revision P02		
Location	Type	Role	Number		

DO NOT SCALE

Millimetres

0 10 100



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 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
 - FENCELINES WORK-IN-PROGRESS, TO BE UPDATED.

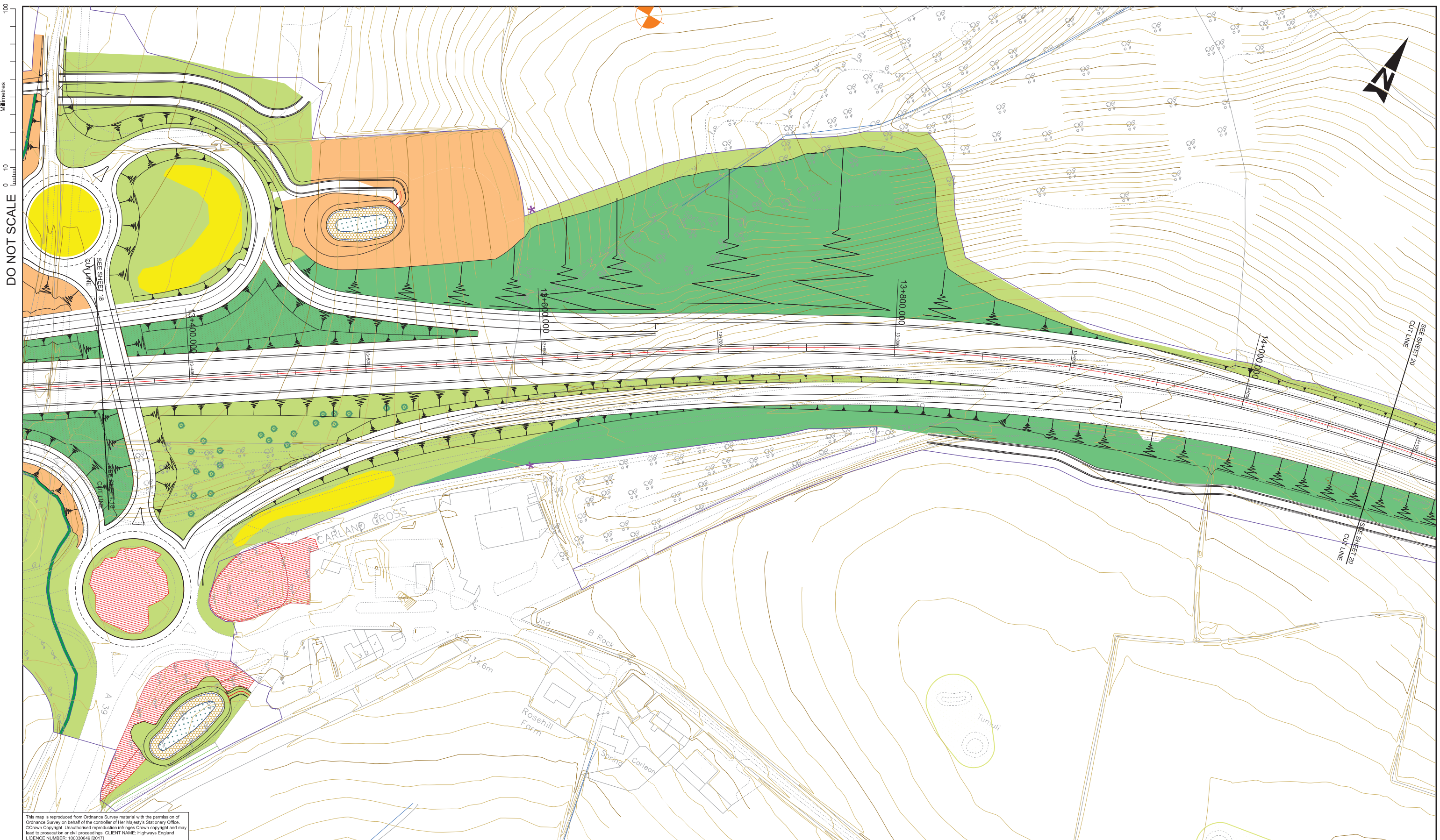
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION				Subsidiary	Drawing Status	
In addition to the hazards/tasks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	--	--	--	S3	SUITABLE FOR REVIEW & COMMENT	
Construction (Enter "None" if applicable)	--	--	--			
Maintenance / Cleaning (Enter "None" if applicable)	--	--	--			
Use (Enter "None" if applicable)	--	--	--			
Decommissioning / Demolition (Enter "None" if applicable)	P01	15/12/17	FIRST ISSUE	BO	JP PH --	
	P02	15/12/17	FIRST ISSUE	BO	JP PH PH	
Rev.	Date	Description	By	Chk'd	App'd	Auth'd

ARUP

Client: **highways england**

European Union European Regional Development Fund

Project Title A30 CHIVERTON TO CARLAND CROSS					
Drawing Title FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 18 OF 21					
Scale 1:1000	By BO	Checked JP	Approved PH	Authorised PH	
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17	
Drawing Number HA551502 - SW	Originator ARP	Volume -DR - LE - 001018	Revision P02		
Location	Type	Role	Number		



DO NOT SCALE

Millimetres
0 10 100

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)
P01	P02		
15/12/17	15/12/17		
FIRST ISSUE	FIRST ISSUE		
BO	BO		
JP	JP		
PH	PH		
Rev.	Date	Description	By
			Chk'd
			App'd
			Auth'd

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

ARUP

Client

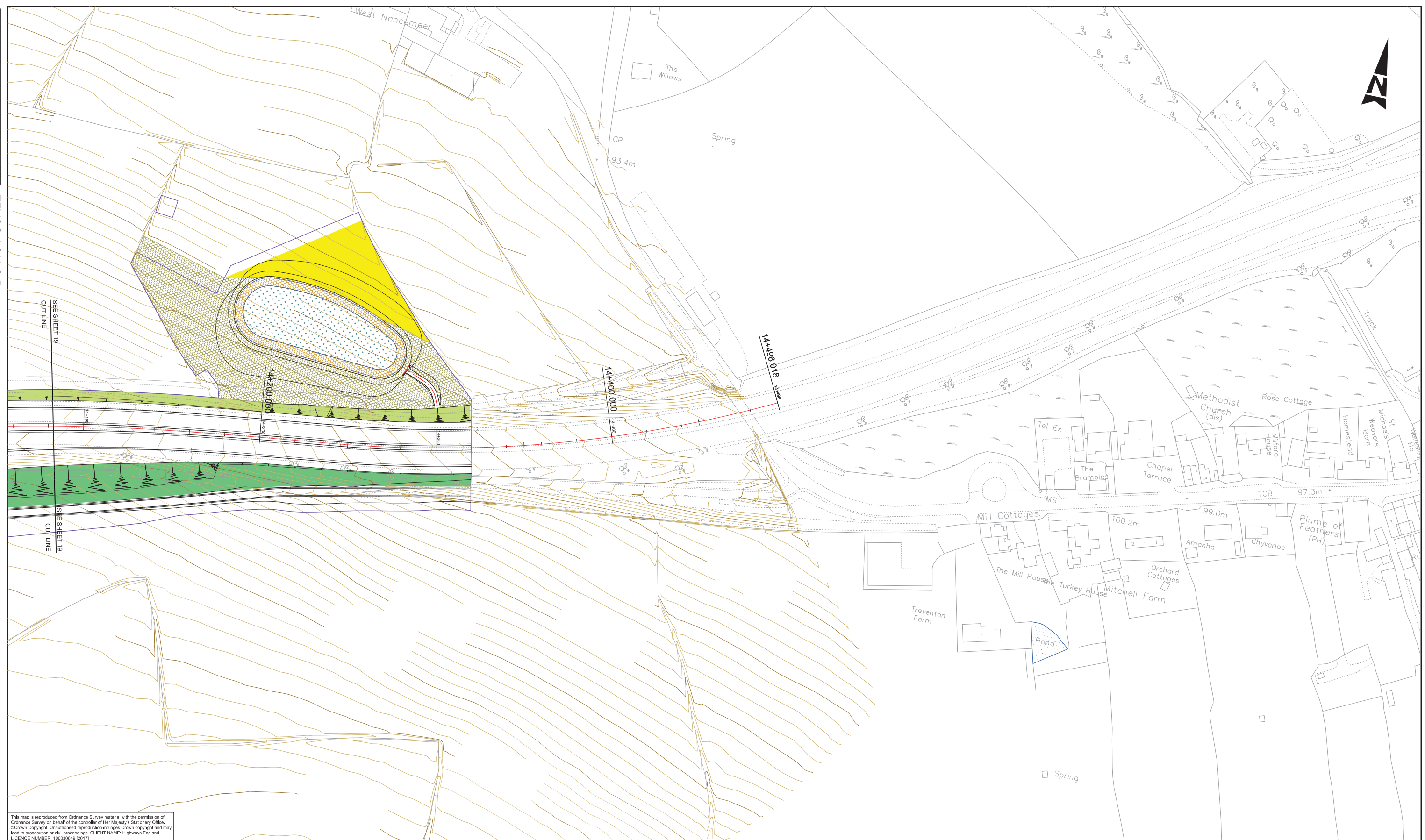
Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 19 OF 21

Scale	By	Checked	Approved	Authorised
1:1000	BO	JP	PH	PH
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW		ARP	ELS	P02
		-DR - LE - 001019		
		Location	Type	Role
				Number

DO NOT SCALE

Millimetres
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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	15/12/17	FIRST ISSUE	BO	JP	PH	--	--	--
	P02	15/12/17	FIRST ISSUE	BO	JP	PH	PH	--	--
Rev.	Date	Description	By	Chk'd	App'd	Auth'd			

Subsidiary Drawing Status
S3 SUITABLE FOR REVIEW & COMMENT

Client
highways england
European Union European Regional Development Fund

Project Title
A30 CHIVERTON TO CARLAND CROSS

Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLANS SHEET 20 OF 21

Scale	1:1000	By	BO	Checked	JP	Approved	PH	Authorised	PH
Original Size	A1	Date	15/12/17	Date	15/12/17	Date	15/12/17	Date	15/12/17
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	Location	Type	Role	Number					




















DO NOT SCALE

Millimetres

KEY:

-  SCHEME BOUNDARY
-  TEMPORARY LAND FOR CONSTRUCTION
-  CONTRACTORS TEMPORARY WORKS AREA
-  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

Proposed Landscape Elements

-  Hedgerow
-  Reinforced Hedgerow
-  Cornish Hedgerow
-  Cornish Hedgerow with vegetation
-  Individual Tree (deciduous)
-  Individual Tree (pine)
-  Deciduous Woodland
-  Pine Woodland
-  Dry Heathland
-  Species-rich Grassland
-  Lowland Meadow
-  Pollination Strip
-  Native Bulb Planting
-  Marginal Aquatic
-  Wetland Rush Pasture
-  Wetland
-  Important Vegetation to be retained
-  Indicative Mammal Crossing
-  Bat Roost



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Construction	Maintenance / Cleaning	Use	Decommissioning / Demolition
(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)	(Enter "None" if applicable)
P01	P01	P01	P01
15/12/17	15/12/17	15/12/17	15/12/17
FIRST ISSUE	FIRST ISSUE	FIRST ISSUE	FIRST ISSUE
BO	JP	PH	---
BO	JP	PH	PH
Rev.	Date	Description	By Chk'd App'd Auth'd

Subsidiary	Drawing Status
S3	SUITABLE FOR REVIEW & COMMENT
ARUP	
Client	
 	

Scale	By	Checked	Approved	Authorised
N/A	BO	JP	PH	PH
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	HE PIN	Originator	Volume	Revision
HA551502 - SW	ARP	ELR	-DR - LE - 000002	P02
Location	Type	Role	Number	

Project Title
A30 CHIVERTON TO CARLAND CROSS
Drawing Title
FIGURE 7.6 - ENVIRONMENTAL MASTERPLAN LEGEND SHEET 21 OF 21