

# **A30 Chiverton to Carland Cross Environmental Statement**

**Volume 6 Document Ref 6.4 ES Appendix 4.3  
Proposed Road Lighting Figures**

**HA551502-ARP-EGN-SW-RP-LE-000043**

**August 2018**

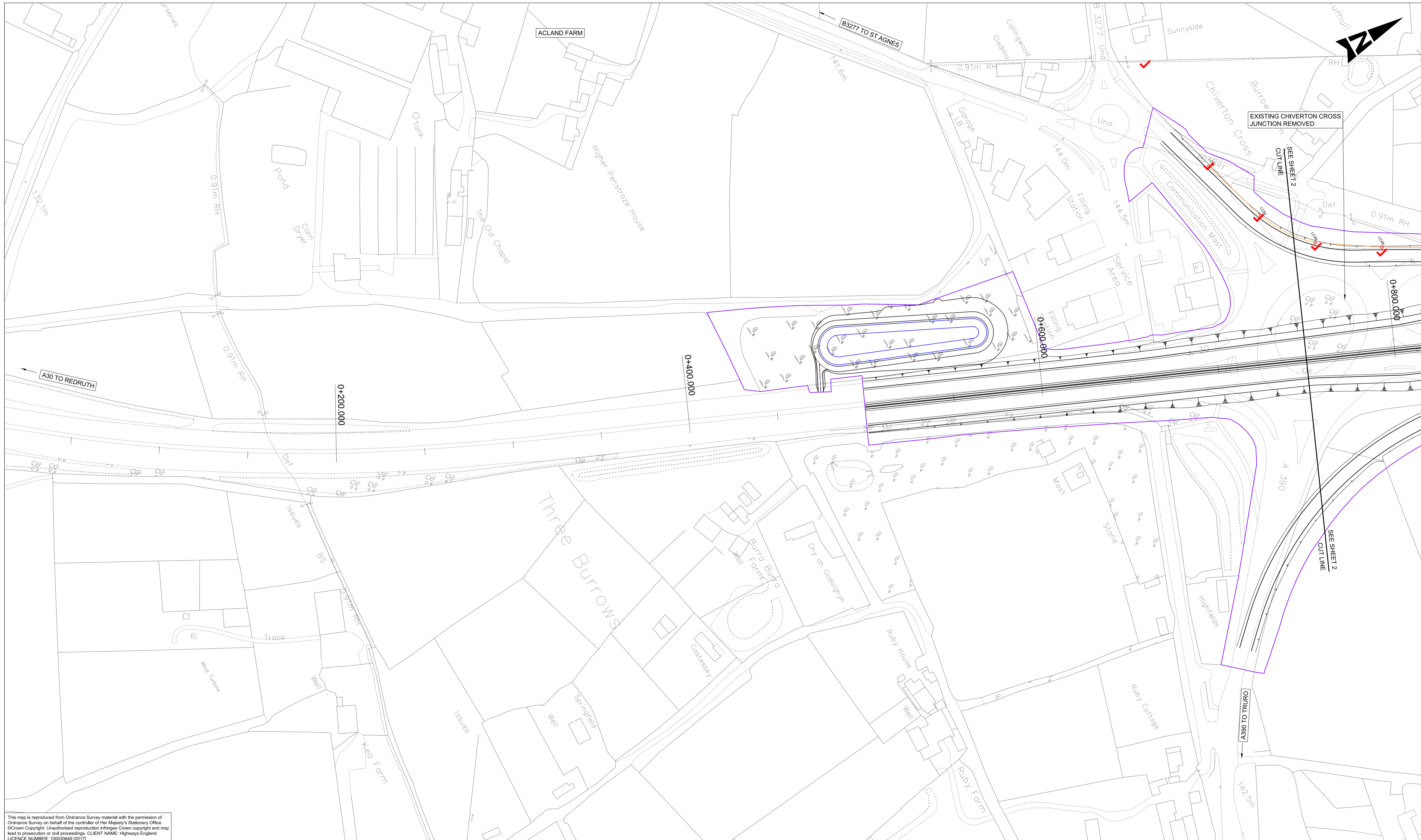
Planning Act 2008  
Infrastructure Planning (Applications: Prescribed Forms and Procedure)  
Regulations 2009 (as amended)  
APFP Regulation 5(2)(a)



DO NOT SCALE

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Millimetres

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- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - ONLY WRITTEN DIMENSIONS SHALL BE USED. DO NOT SCALE.
  - FOR FEED PILLAR SCHEMATICS, PLEASE REFER TO THE DOCUMENT
  - SETBACK OF COLUMNS AS PER DRAWING
  - THE ARROW DENOTES THE LUMINARIES DIRECTION
  - FOR DETAILS OF OTHER SERVICES REFER ELSEWHERE IN WORKS INFORMATION
  - FOR FURTHER DETAILS OF LIGHTING AND ELECTRICAL REQUIREMENTS REFER TO APPENDIX 13&14
  - DO NOT SCALE OFF DRAWING (MIN 1.5M)
  - THE CONTRACTOR SHALL UNDERTAKE THE WORKS IN ACCORDANCE WITH HSE GUIDANCE NOTE HSG47 AVOIDING DANGER FROM UNDERGROUND SERVICE. HAND EXCAVATED INSPECTION PITS SHALL BE CARRIED OUT USING INSULATED HAND TOOLS WHERE UNDERGROUND SERVICES MAY BE AFFECTED BY THE WORKS
  - PRIOR TO UNDERTAKING ANY WORKS REFERENCE SHALL BE MADE TO THE NEW ROADS AND STREET WORKS ACT (NRSWA), HSE GUIDANCE NOTE 47: AVOIDING DANGER FROM UNDERGROUND SERVICES AND THE RELEVANT STATUTORY UNDERTAKES' SPECIFICATION FOR SAFE WORKING IN THE VICINITY OF UNDERGROUND AND OVERHEAD SERVICES.
  - THE CONTRACTOR SHALL, PRIOR TO COMMENCING ANY SECTION FOR THE WORKS, LOCATE ALL BURIED AND OVERHEAD SERVICES.
  - ANY ILLUMINATED APPARATUS THAT IS TO REMAIN AS PART OF THE PERMANENT WORKS WHICH IS DE-ENERGISED DUE TO THE ABANDONMENT OF EXISTING CABLE MUST BE REPORTED TO THE ENGINEER PRIOR TO GROUND REINSTATEMENT. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT NO EXISTING EQUIPMENT TO REMAIN IS LEFT 'OFF SUPPLY' UPON WORKS COMPLETION.

- KEY:**
- SCHEME BOUNDARY
  - PROPOSED ROAD LIGHTING COLUMN OF 12m NOMINAL HEIGHT COMPLETE WITH POST MOUNTED URBIS AMPERA MAXI 5141 (27.40 Wm, 128 LED) SET TO SWITCH ON AT 35 lux AND OFF AT 18 lux.
  - PROPOSED DNO UNDERGROUND SERVICE CONNECTION (EXACT LOCATION TO BE DETERMINED)
  - PROPOSED FEEDER PILLAR (SEE SCHEMATIC DRAWINGS)
  - PROPOSED TRENCH ROUTE
  - PROPOSED DUCT TYPE 'B' CHAMBER IN ACCORDANCE WITH MCX 0815 TO ACCEPT A DUCT RANGE OF 63-160mm COMPLETE WITH COMPOSITE COVERS AND FRAMES CAPABLE OF MEETING THE LOADING REQUIREMENTS OF BS EN124 B125

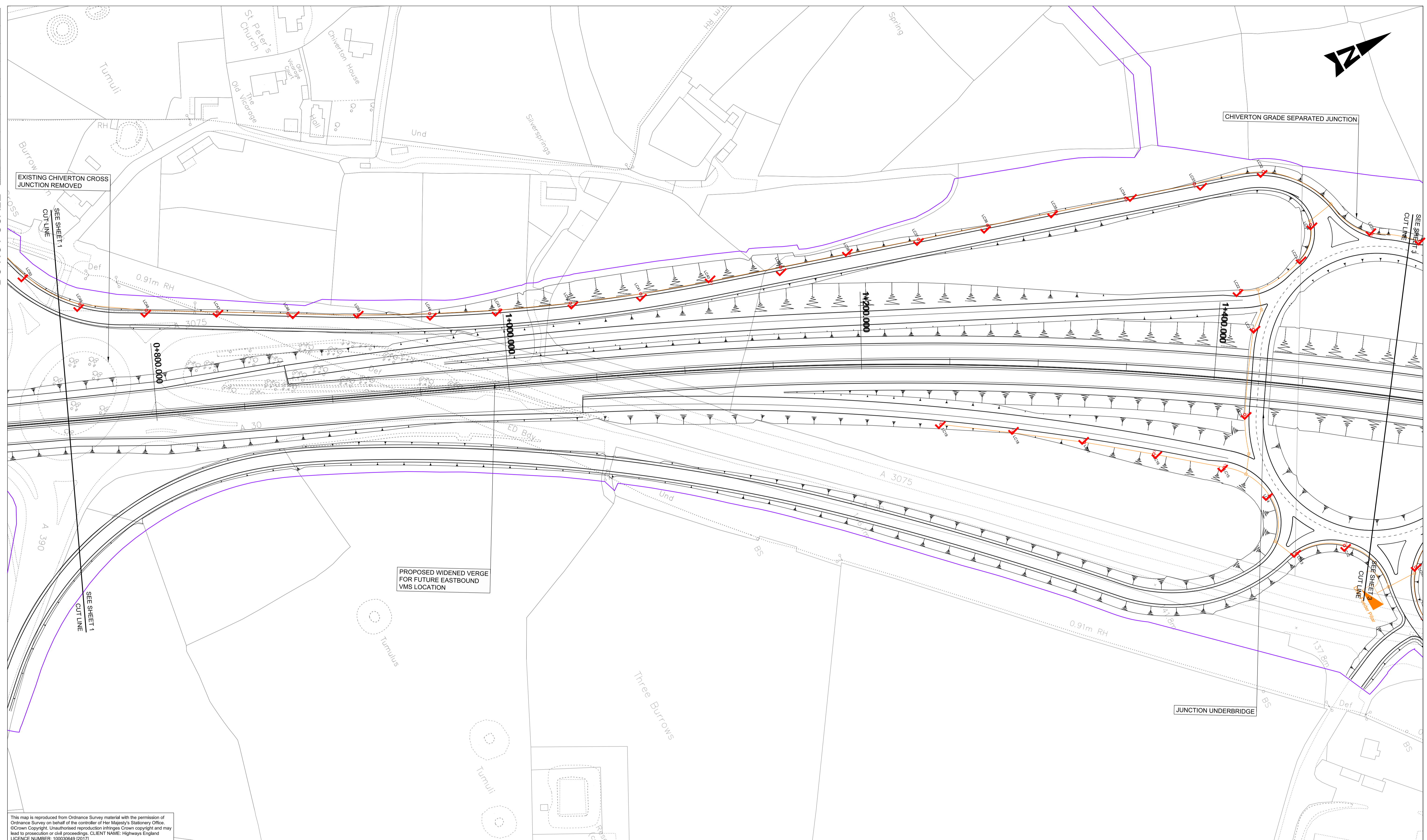
Rev.	Date	Description	By	Chk'd	App'd	Auth'd
P01.1		FIRST ISSUE				

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
Construction	(Enter "None" if applicable)
Maintenance / Cleaning	(Enter "None" if applicable)
Use	(Enter "None" if applicable)
Decommissioning / Demolition	(Enter "None" if applicable)

Suitability	SO	Drawing Status	INITIAL STATUS OR WIP
Client			

Project Title	A30 CHIVERTON TO CARLAND CROSS			
Drawing Title	PROPOSED ROAD LIGHTING			
	SHEET 1			
Scale	N/A	By	Checked	Approved
Original Size	A1	Date	Date	Date
Drawing Number	HA551502 - SW	Originator	Volume	Revision
		ARP	- DR - EO - 001001	P01.1
	Location	Type	Role	Number

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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
P01.1		FIRST ISSUE				

Suitability: S0  
Drawing Status: INITIAL STATUS OR WIP

**ARUP**

Client: **highways england**

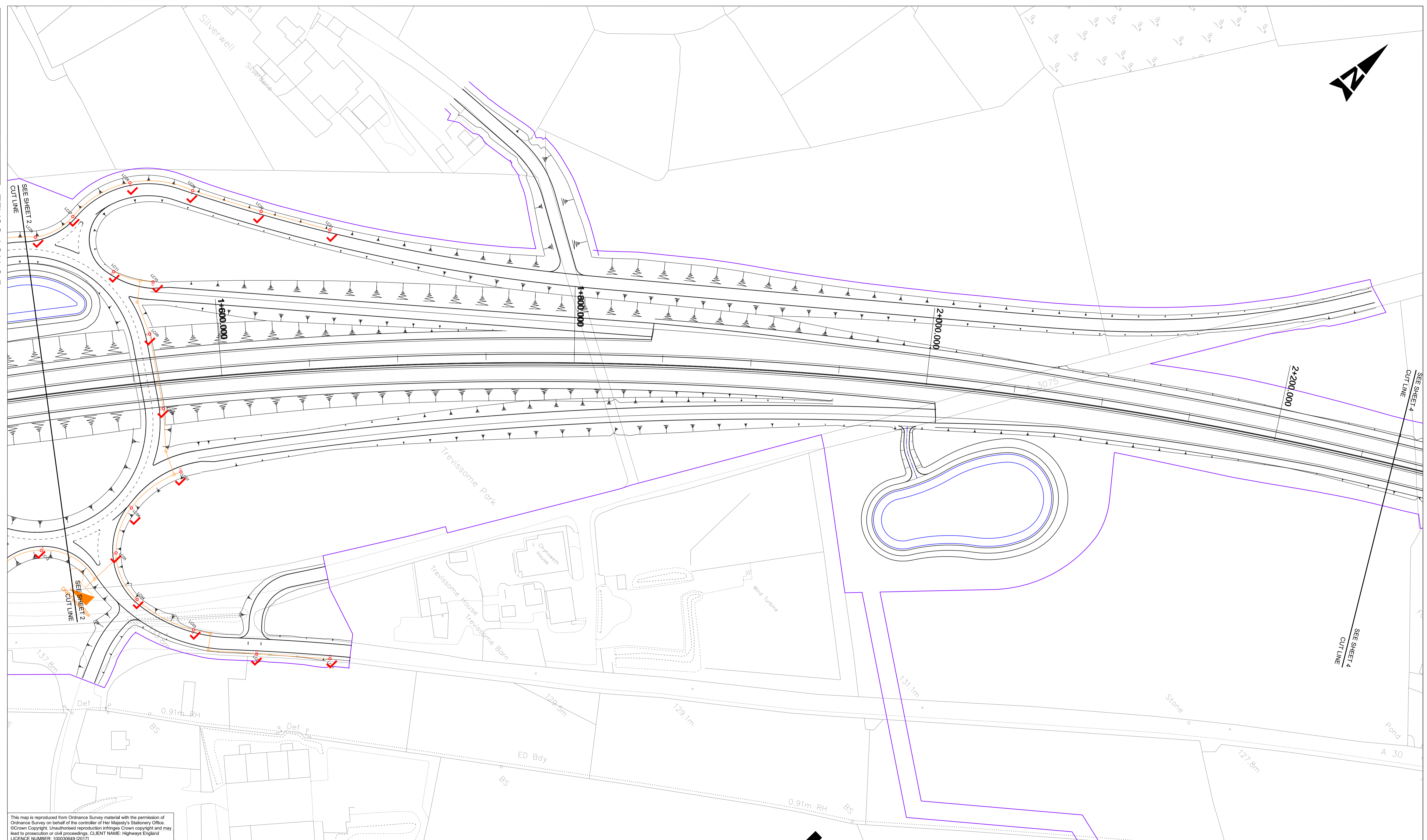
European Union European Regional Development Fund

Project Title: A30 CHIVERTON TO CARLAND CROSS					
Drawing Title: PROPOSED ROAD LIGHTING SHEET 2					
Scale: N/A	By: --	Checked: --	Approved: --	Authorised: --	
Original Size: A1	Date: --	Date: --	Date: --	Date: --	
Drawing Number: HA551502 - SW	HE PIN: ARP	Originator: HLG	Volume: -DR -EO -001002	Revision: P01.1	
Location	Type	Role	Number		

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P01.1						

Suitability	SO	Drawing Status	INITIAL STATUS OR WIP
<b>ARUP</b>			
Client			
<b>highways england</b>			

Project Title					A30 CHIVERTON TO CARLAND CROSS				
Drawing Title					PROPOSED ROAD LIGHTING				
					SHEET 3				
Scale	N/A	By	Checked	Approved	Authorised				
Original Size	A1	Date	Date	Date	Date				
Drawing Number	HE PIN	Originator	Volume	Revision					
HA551502 - SW	ARP	HLG	-DR - EO -001003	P01.1					
Location	Type	Role	Number						

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