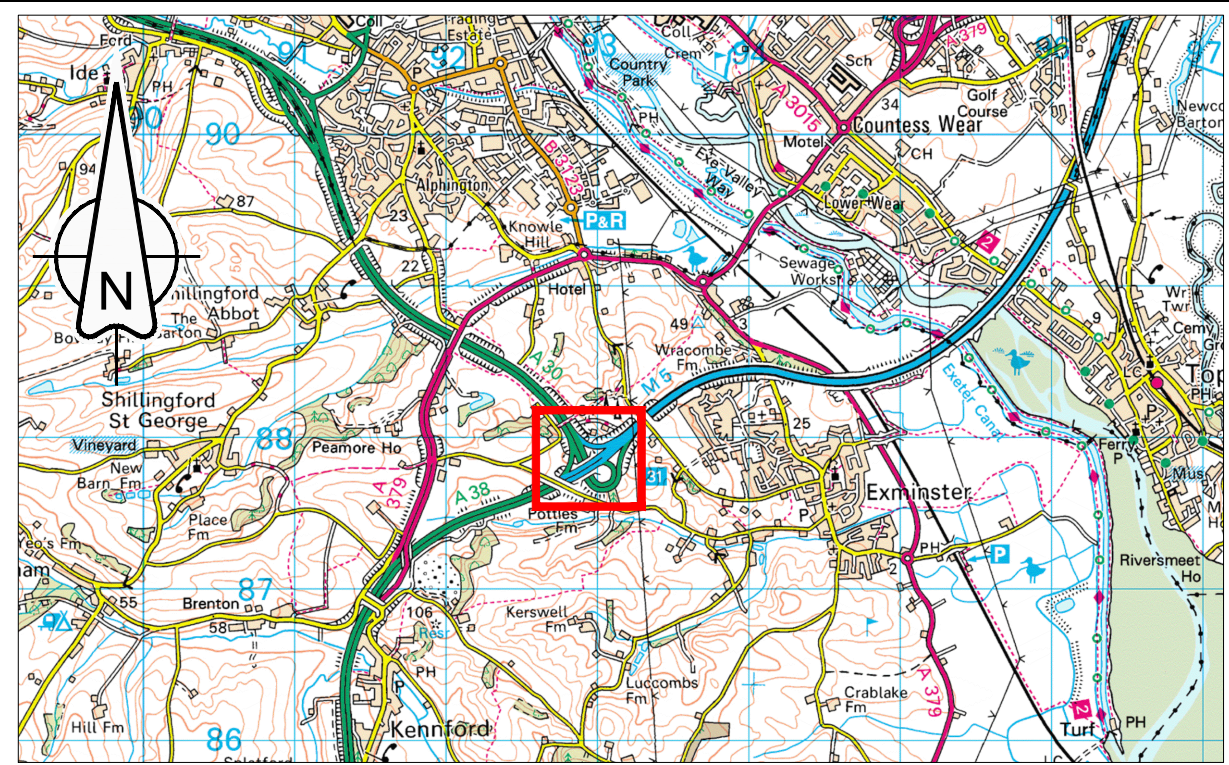
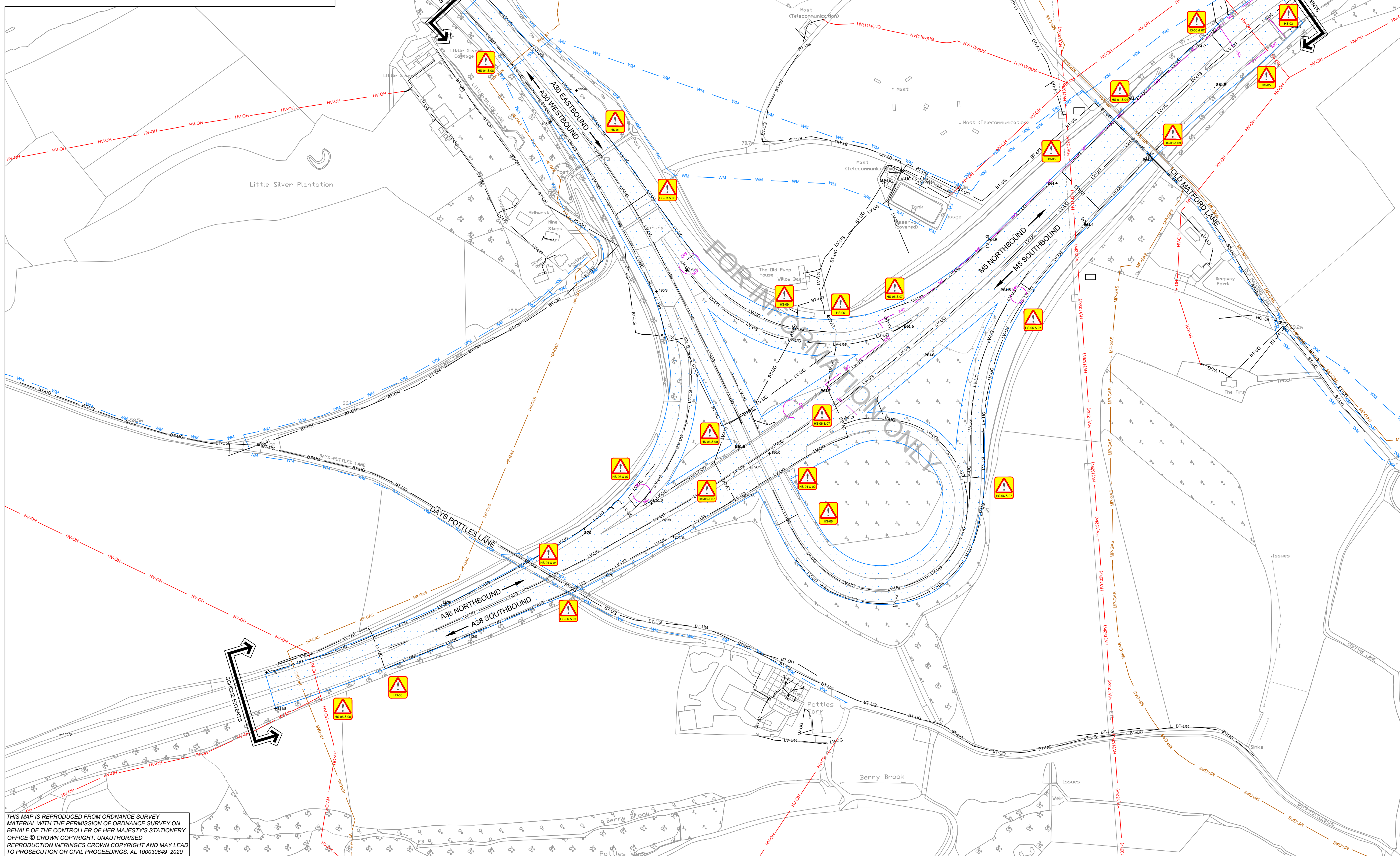




LOCATION PLAN
Scale 1:50,000



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SCHEME NAME	570129B M5 J31 LIGHTING
DRAWING TITLE	DUCT SURVEY PLAN

DRAWN : MT	SCALE : 1:2000	DRAWING STATUS
DESIGN : MT	DIMENSIONS : m	WORK IN PROGRESS
CHKD : JH	ORIG DWG SIZE: A1	PRELIMINARY DRAWING
APPD :	COPYRIGHT © KIER	EXTERNAL ISSUE
DATE :		AS-BUILT
SUITABILITY: S1	FOR CO-ORDINATION	

- ### NOTES
- ALL TRAFFIC SIGNALS EQUIPMENT AND STREET LIGHTING DUCTING TO BE LOCATED WITHIN AREA SHOWN.
 - LOCATION AND SIZE OF EQUIPMENT / DUCTING IS TO BE RECORDED.
 - THE NUMBER AND CONDITION OF DUCTS WITHIN EACH RUN IS TO BE RECORDED.
 - THE NUMBER OF CABLES PER DUCT IS TO BE RECORDED. ANY SPARE CAPACITY IN DUCTS IS TO BE NOTED.
 - ANY DEBRIS / SILT IS TO BE CLEARED FROM CHAMBERS.
 - ANY RODDING IS TO BE CARRIED OUT WITH A COBRA.
 - DUCT SURVEY TO BE UNDERTAKEN IN ACCORDANCE TO WORKS INFORMATION DOCUMENT HE570129B-KIER-VGN-M5_J31_ML_Z-DE-EO-0100_11.
 - FOR STATUTORY UNDERTAKERS APPARATUS PLAN. REFER TO DRAWING HE570129B-KIER-HLG-M5_J31_ML_Z-DE-EO-0100_02.

KEY	
	AREA TO BE SURVEYED FOR LIGHTING DUCTS AND CHAMBERS AREA 11,3508m ²
	GAS - LOW PRESSURE
	GAS - MEDIUM PRESSURE
	GAS - HIGH PRESSURE
	TELEPHONE UNDERGROUND
	TELEPHONE OVERHEAD
	ELECTRIC UNDERGROUND - LV
	ELECTRIC OVERHEAD - HV
	ELECTRIC UNDERGROUND - HV (11KV)
	ELECTRIC OVERHEAD - HV (132KV)
	MOTORWAY COMMS
	WATER MAIN
	FOUL SEWER

RESIDUAL DESIGN HAZARDS	
THE FOLLOWING HAS BEEN COLLECTED FROM THE PRE-CONSTRUCTION INFORMATION AND HIGHLIGHTS KNOWN RESIDUAL HAZARDS.	
KEY	HS-# = HEALTH AND SAFETY RISK REFERENCE NUMBER E-# = ENVIRONMENTAL RISK REFERENCE NUMBER
SIGNIFICANT CDM HEALTH & SAFETY RISKS	
HS-01. OVERBRIDGE - LIMITED HEADROOM HS-02. UNDERBRIDGE - WORKING AT HEIGHT HS-03. OVERHEAD GANTRY - LIMITED HEADROOM HS-04. WATER MAIN CROSSING CARRIAGEWAY HS-05. OVERHEAD ELECTRICITY CABLES HS-06. ELECTRICITY CABLES CROSSING BENEATH CARRIAGEWAY HS-07. MOTORWAY COMMUNICATION CABLES CROSSING THE CARRIAGEWAY HS-08. PRESSURISED GAS MAIN BENEATH CARRIAGEWAY HS-09. TELECOM CABLES CROSSING BENEATH CARRIAGEWAY	

C1	First Issue	JH		
REV	DETAILS	CHKD	APPD	DATE
DRAWING NUMBER			SCHEME REFERENCE No	
PROJECT ORIGINATOR VOLUME			570129B	
HE570129B - KIER - VGN			REVISION	
M5_J31_ML_Z - DE - EO - 0100_11			C 1	
LOCATION TYPE ROLE NUMBER				