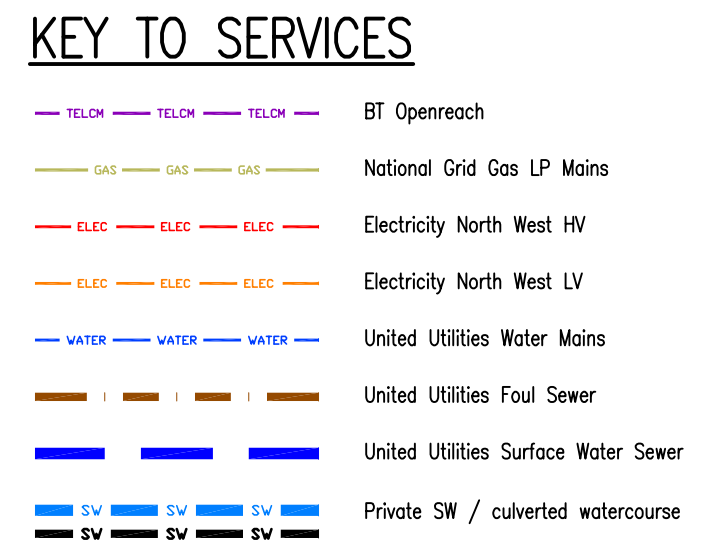




1. All services positions are shown indicative only and are based on public utility records and information provided by the Statutory undertakers
2. Contractor to undertake sufficient investigations and trial excavations to confirm depth and location of all buried services prior to commencing construction
3. For detailed sewer records, manhole details and condition surveys of existing sewers and private sewers or culverted watercourse refer to the following UU/Sapphire CCTV reports dated:
 - 18th March 2020
 - 21st May 2020
 - 23rd August 2020

	HAZARD: BURIED SERVICES
	RISK: DANGER TO OPERATIVES. DISRUPTION TO GENERAL PUBLIC AND COMMERCIAL BUSINESSES.
	ACTION: CONTRACTOR TO REFER TO SERVICE RECORDS AND UNDERTAKE SUFFICIENT TRIAL EXCAVATIONS TO CONFIRM DEPTH & LOCATION OF ALL BURIED SERVICES PRIOR TO CONSTRUCTION
	HAZARD: WORKING IN DEEP EXCAVATIONS
	RISK: COLLAPSE OF TRENCH AND INJURY TO PERSONNEL.
	ACTION: CONTRACTOR TO PROVIDE ADEQUATE SHORING AND SUPPORT TO TRENCH SIDES.

HAZARD:	WORKING IN HIGHWAY
RISK:	GENERAL PUBLIC.
ACTION:	CONTRACTOR TO ENSURE ADEQUATE TRAFFIC MANAGEMENT IS IN PLACE PRIOR TO CONSTRUCTION
HAZARD:	OVERHEAD TELEGRAPH SERVICES
RISK:	DANGER TO OPERATIVES, DISRUPTION AND INCONVENIENCE TO GENERAL PUBLIC AND COMMERCIAL BUSINESSES.
ACTION:	USE SUITABLE MACHINERY AND EQUIPMENT THAT CAN SAFELY PASS BELOW THE LINES WITHOUT BEING ABLE TO REACH THE VERTICAL CLEARANCE DISTANCE.

HAZARD:	GROUNDWATER INGRESS
RISK:	FLOODING AND COLLAPSE OF EXCAVATIONS.
ACTION:	CONTRACTOR TO PROVIDE TEMPORARY PUMPING. NB: OVER PUMPING TO EXITING CULVERT NOT ADVISED DUE TO CURRENT CONDITION

HAZARD:	FALLING INTO DEEP EXCAVATIONS
RISK:	INJURY TO PERSONNEL.
ACTION:	CONTRACTOR TO PROVIDE EDGE PROTECTION TO ALL EXCAVATIONS.

Final amendments	24/11/21	TM	
PN3.000–PN3.003 changed to 525#	20/09/21	TM	
PN2.002 changed to 2no. 375#	11/06/21	TM	
PN2.002 changed to 2no. 400# pipes due to issues with existing services	25/05/21	TM	
Updated following receipt of additional manhole information from UU	06/10/20	TM	
Revisions	Date	Initial	S
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	Client:	CUMBRIA COUNTY COUNCIL UNITED UTILITIES PLC / AE YATES
	Project:	DRAINAGE IMPROVEMENT WORKS HALLGARTH, KENDAL
ix	Drawing Title:	PROPOSED SEWER UPGRADE WORKS SHEET 1 OF 3

		
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Drawn by: KR	Checked by: TM	Issue Purpose:
Scale: 1:250	Issue Date: 22/09/20	TENDER
Drawing Number: K37081/A1/06		E