



### 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-# = ENVIRONMENT RISK REFERENCE NUMBER

- HS-01 - OVERHEAD ELECTRICITY CABLES 11kV
- HS-02 - OVERHEAD ELECTRICITY CABLES 33kV
- HS-03 - OVERHEAD BT CABLES

- NOTES:
- DO NOT SCALE FROM DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS STATED.
  - DETAILS OF EXISTING SERVICES HAVE BEEN TAKEN FROM PLANS SUPPLIED BY INDIVIDUAL SERVICE COMPANIES. NO RESPONSIBILITY WHATSOEVER SHALL BE ACCEPTED BY HIGHWAYS ENGLAND OR ITS AGENTS FOR THEIR ACCURACY OR ANY ERROR OR OMISSION OF THE EXISTING SERVICES SHOWN ON THIS DRAWING.
  - IT IS RECOMMENDED THAT A CABLE AVOIDING TOOL IS USED AND THAT TRIAL HOLES ARE DUG BEFORE PROCEEDING WITH ANY EXCAVATION WORKS. REFER TO ORIGINAL STATUTORY UNDERTAKERS DRAWINGS.
  - STREET LIGHTING CABLE AND ASSOCIATED FURNITURE MAYBE PRESENT IN THE AREA.

- KEY:
- BT - BT - BRITISH TELECOM - UNDERGROUND
  - BT OH - BT OH - BRITISH TELECOM - OVERHEAD
  - FS - FS - FOUL WATER SEWER
  - E LV - E LV - ELECTRICITY LV - UNDERGROUND
  - LV OH - LV OH - ELECTRICITY LV - OVERHEAD
  - E - E - ELECTRICITY LINE
  - 11kV - 11kV - ELECTRICITY 11KV - UNDERGROUND
  - 11kV OH - 11kV OH - ELECTRICITY 11KV - OVERHEAD
  - 33kV - 33kV - ELECTRICITY 33KV - UNDERGROUND
  - 33kV OH - 33kV OH - ELECTRICITY 33KV - OVERHEAD
  - GAS HP - GAS HP - GAS MAIN HP
  - GAS MP - GAS MP - GAS MAIN MP
  - OIL - OIL - OIL PIPE
  - X-W - X-W - ABANDONED WATER MAIN
  - HD - HD - HIGHWAY DRAINAGE

**IMPORTANT WARNING**

The information concerning the location and/or depth of the public utility apparatus provided on this drawing is indicative only. No guarantee as to its accuracy is either given or implied. The drawing should not be relied upon in the event of excavations or other works made near to the apparatus, which may exist at various depths and may deviate from the marked route. It should also be noted that a single line shown on the plan may indicate the presence of more than one cable, pipe or associated item.

The contractor is required to ensure that the locations of below ground services are established/confirmed on site prior to any excavations or other works which may affect the existing services.

Prior to any works on site, the contractor shall refer to:  
 HSG47 - Avoiding Danger from Underground Services (by HSE)  
 HSG185 - Health & Safety in Excavations (by HSE)  
 Construction Information Sheet (CIS) 8 - Safety in Excavations (by HSE)  
 General Series (GS) 6 - Avoidance of Danger from Overhead Electric Lines (by HSE)

C1	FOR PRICING	AM	CT	16-08-19
REV	DETAILS	CHKD	APPD	DATE
DRAWN : MQ	DRAWING STATUS			
DESIGN : RM	WORK IN PROGRESS			
CHKD : AM	PRELIMINARY DRAWING			
APPD : CT	EXTERNAL ISSUE			<input checked="" type="checkbox"/>
DATE : 16/08/19	AS-BUILT			
SUITABILITY : D1		FOR PRICING		



SCHEME NAME  
**A1 NB & SB WOTHORPE TO SOUTH WITHAM PAVEMENT DEVELOPMENT**

DRAWING TITLE  
**STATUTORY UNDERTAKERS DRAWING SHEET 6 OF 14**

ORIG DRAWING SIZE : A1	DIMENSIONS : m	
COPYRIGHT © KIER	SCALE : 1:1000	
DRAWING NUMBER	SCHEME REFERENCE No.	
PROJECT   ORIGINATOR   VOLUME	2210037	
HE569243 - KIER - VUT		
A1_ML_Z - DR - CU - 2700_06	REVISION	
LOCATION   TYPE   ROLE   NUMBER	C1	

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