



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 CABLING AND ASSOCIATED FURNITURE MAYBE PRESENT IN THE AREA.

- KEY:**
- BT — BT BRITISH TELECOM - UNDERGROUND
 - 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 OH — 11KV OH ELECTRICITY 11KV - UNDERGROUND
 - 11KV OH — 11KV OH ELECTRICITY 11KV - OVERHEAD
 - 33KV OH — 33KV OH ELECTRICITY 33KV - UNDERGROUND
 - 33KV OH — 33KV OH ELECTRICITY 33KV - OVERHEAD
 - GAS MP — GAS MAIN HP
 - 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
DATE : 16/08/19	AS-BUILT

SUITABILITY : D1 FOR PRICING

CLIENT

AGENT

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

DRAWING TITLE
STATUTORY UNDERTAKERS DRAWING SHEET 3 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_03	REVISION
LOCATION TYPE ROLE NUMBER	C1

THIS MAP IS REPRODUCED FROM ORDNANCE SURVEY MATERIAL WITH THE PERMISSION OF ORDNANCE SURVEY ON BEHALF OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE © CROWN COPYRIGHT. UNAUTHORISED REPRODUCTION INFRINGES CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS. AL 100030649 2019