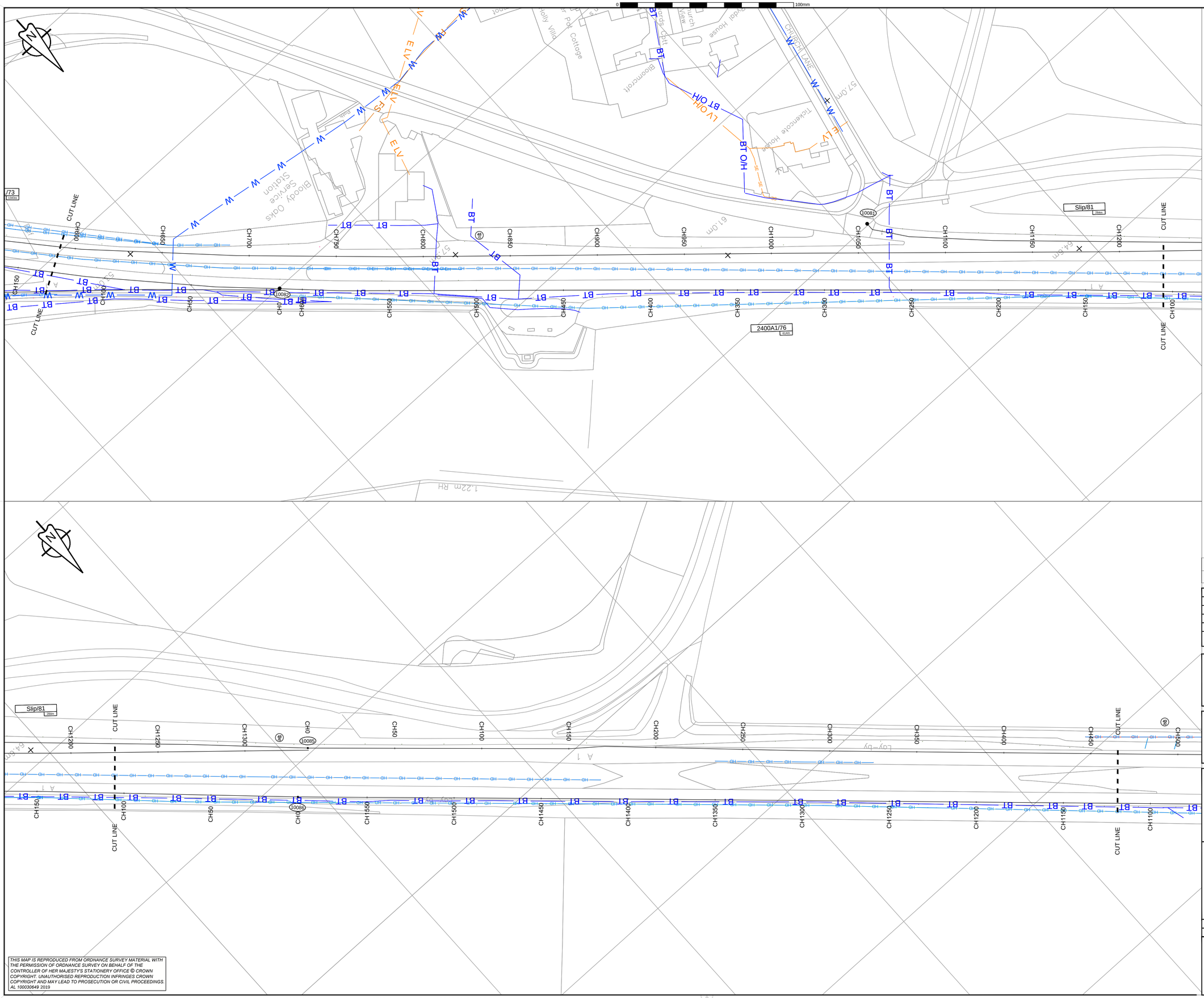


## RESIDUAL DESIGN HAZARDS

THE FOLLOWING HAS BEEN COLLECTED FROM THE PRE-CONSTRUCTION INFORMATION AND HIGHLIGHTS KNOWN RESIDUAL HAZARDS.

KEY — Risk ref. — 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:

1. DO NOT SCALE FROM DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS STATED..
2. DETAILS OF EXISTING SERVICES HAVE BEEN TAKEN FROM PLANS SUPPLIED BY INDIVIDUAL SERVICE COMPANIES. NO RESPONSIBILITY WHATSOEVER SHALL BE ACCEPTED BY HIGHWAYS ENGLAND OR IT'S AGENTS FOR THEIR ACCURACY OR ANY ERROR OR OMISSION OF THE EXISTING SERVICES SHOWN ON THIS DRAWING.
3. 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.
4. STREET LIGHTING CABLING AND ASSOCIATED FURNITURE MAYBE PRESENT IN THE AREA.

## KEY:

| | |
|---|---|
| BT — BT | BRITISH TELECOM - UNDERGROUND |
| BT O/H | BRITISH TELECOM - OVERHEAD |
| FS — FS | FOUL WATER SEWER |
| E LV | ELECTRICITY LV - UNDERGROUND |
| LV O/H | ELECTRICITY LV - OVERHEAD |
| E — E | ELECTRICITY LINE |
| 11KV | ELECTRICITY 11KV - UNDERGROUND |
| 11kV O/H | ELECTRICITY 11KV - OVERHEAD |
| 33kV — 33kV | ELECTRICITY 33KV - UNDERGROUND |
| 33kV O/H | ELECTRICITY 33KV - OVERHEAD |
| GAS HP | 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 effect the existing services.

Prior to any works on site, the contractor shall refer to;
HSG47 - Avoiding Danger from Underground Services (by HSE)
HGS185 - 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)

| REV | DETAILS | CHKD | APPD | DATE |
|---|---|---|---|---|
| C1 | FOR PRICING | AM | CT | 16-08-19 |

| | | | |
|---|---|---|---|
| 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

highways england

AGENT

KIER

SCHEME NAME

A1 NB & SB WOTHORPE TO SOUTH WITHAM PAVEMENT DEVELOPMENT

DRAWING TITLE

STATUTORY UNDERTAKERS DRAWING
SHEET 5 OF 14

| | | | |
|---|---|---|---|
| ORIG DRAWING SIZE : | A1 | DIMENSIONS : | m |
| COPYRIGHT © KIER | | SCALE : | 1:1000 |

DRAWING NUMBER

| PROJECT | ORIGINATOR | VOLUME | SCHEME REFERENCE No. |
|---|---|---|---|
| HE569243 | KIER | VUT | 2210037 |

| LOCATION | TYPE | ROLE | NUMBER | REVISION |
|---|---|---|---|---|
| A1_ML_Z | DR | CU | 2700_05 | C1 |

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