



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 - WORKING NEAR/A WATERCOURSE HS-02 - UNEVEN GROUND HS-04 - 11KV ELECTRIC OVERHEADS	

Drainage Survey						
Ref	Start MH	End MH	Start Ch	End Ch	Dir	Comments
4	UNKNBZ2	SD21R	640	700	NB	Gap in survey Identify connectivity between pipe and ditch, and full asset survey required
5	NBB200		840		NB	Un-surveyed outlet Full asset survey required
6	CRB199		840		NB	Un-surveyed manhole Full asset survey required
7	NBRB4		1000		NB	Un-surveyed culvert outlet Full asset survey required
11	CRC96A		1100		SB	Un-surveyed manhole Full asset survey required

SYMBOLOLOGY:

CONTINUOUS ITEMS:

- SUB-SURFACE: ———→
- COMBINED SURFACE AND SUB-SURFACE: ———→
- DITCH: ———→
- PHANTOM CONNECTOR: ———→

POINT ITEMS:

- GULLY: □
- CATCHPIT: ⊕
- OUTLET: ⊙
- INLET: ⊙
- GRIP INLET: ⊙
- PHANTOM NODE: •
- CONNECTOR NODE: ○

- NOTES:**
- LEVEL OF DETAIL REQUIRED IS DESCRIBED IN THE EAST MIDLANDS ASSET DELIVERY DRAINAGE SURVEY SCHEDULE OF REQUIREMENT.
 - ANY DRAINAGE ASSETS IDENTIFIED ON SITE THAT ARE NOT ON THIS DRAWING SHOULD ALSO BE SURVEYED

C01	FIRST ISSUE FOR PRICING	AB	MK	24-10-19
REV	DETAILS	CHKD	APPD	DATE
DESIGN: SF	DRAWING STATUS			
CHKD: AB	WORK IN PROGRESS			
APPD: MK	PRELIMINARY DRAWING			
DATE: 24/10/19	EXTERNAL ISSUE		✓	
SUITABILITY: D1	AS-BUILT			
FOR PRICING				



SCHEME NAME
**A46 NB SB SIX HILLS
 GEOTECH - WATER EROSION**

DRAWING TITLE
**TOPOGRAPHIC AND ADDITIONAL
 DRAINAGE SURVEY
 SHEET 2 OF 3**

ORIG DRAWING SIZE: A1	DIMENSIONS: m
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DRAWING NUMBER	SCHEME REFERENCE No.
PROJECT ORIGINATOR VOLUME	1610179
HE569243 - KIER - VDS	
A46_Z - DR - CD - 0500_02	REVISION
LOCATION TYPE ROLE NUMBER	C01

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