



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

- NOTES**
- EXPLORATORY HOLE LOCATIONS ARE INDICATIVE AND SUBJECT TO ADJUSTMENT DUE TO SERVICES AND ACCESS CONSTRAINTS.
  - THE INFORMATION PROVIDED ON THIS DRAWING IS INDICATIVE. THE DRAWING IS TO BE READ IN CONJUNCTION WITH ORIGINAL STATUTORY UNDERTAKERS DRAWINGS LOCATED IN SITE INFORMATION FOR M5 J11 A40 EB ON SLIP.
  - EXPLORATORY HOLES AT CREST TO BE POSITIONED A MINIMUM OF 225M FROM DRAINAGE CARRIER PIPE WITH PERCUSSION BOREHOLE AS CLOSE TO THE CREST AS POSSIBLE.
  - AN ECOLOGICAL CLERK OF WORKS TO BE PRESENT FOR VEGETATION CLEARANCE AND FOR SEARCH OF GI AREA.

KEY	
	WORKS EXTENTS
	CABLE PERCUSSION BOREHOLE BH01/19
	DYNAMIC(WINDOWLESS) SAMPLER WLS04/19
	DYNAMIC PROBE DP05/19
	HAND DUG INSPECTION TRENCH TO POSITIVELY LOCATE SERVICES
	DEFECT AREA
	ELECTRICITY LV-UNDERGROUND
	ELECTRICITY LV-OVERHEAD
	ELECTRICITY 11KV-UNDERGROUND
	ELECTRICITY 11KV - OVERHEAD
	BRITISH TELECOMS- UNDERGROUND
	BRITISH TELECOMS OVERHEAD
	LOOP
	CITY-FIBER
	VODAFONE
	COLT
	VIRGIN MEDIA
	GAS MEDIUM PRESSURE
	GAS LOW PRESSURE
	WATER MAIN
	PIPEWORK
	COMBINED KERB AND DRAIN
	FILTER DRAIN

Exploratory hole reference	Position relative to slope	BH Type	Provisional Depths (m bgl)	Coordinates	Approximate Ground Level (m OD)	Provisional Instrument Types & Depths (m bgl)	Remarks
BH01/19	Crest	Percussion	10	E:389887 N:221329	39	Remotely read vibrating wire piezometer with tip at 4.00	Located in the eastbound Verge of the A40 at embankment crest.
IT01A/19	Crest	Hand dug inspection trench	1.2	E:389887 N:221329	39	None	To positively identify underground services and NRTS cables within the verge.
DP02/19	Crest	Dynamic Probe	6	E:389882 N:221328	39	None	Located in the eastbound Verge of the A40 at embankment crest.
WLS03/19	Mid	Dynamic (Windowless) Sampler	4	E:389885 N:221335	37	Remotely read vibrating wire piezometer with tip at 3.00	Located on the mid slope of the embankment in line with the defect.
DP04/19	Mid	Dynamic Probe	4	E:389880 N:221333	37	None	Located on the mid slope of the embankment in line with the defect.
WLS05/19	Toe	Dynamic (Windowless) Sampler	4	E:389883 N:221340	35	Remotely read vibrating wire piezometer with tip at 3.00	Located at the toe of the embankment within the verge of the A40 Eastbound on slip.
DP06/19	Toe	Dynamic Probe	4	E:389878 N:221339	35	None	Located at the toe of the embankment within the verge of the A40 Eastbound on slip.
BH07/19	Crest	Percussion	10	E:389825 N:221343	39	Remotely read inclinometer to 6.	Located in the eastbound Verge of the A40 at embankment crest.
IT07A/19	Crest	Hand dug inspection trench	1.2	E:389825 N:221344	39	None	To positively identify underground services and NRTS cables within the verge.
DP08/19	Crest	Dynamic Probe	6	E:389929 N:221346	39	None	Located in the eastbound Verge of the A40 at embankment crest.
WLS09/18	Mid	Dynamic (Windowless) Sampler	4	E:389923 N:221348	37	None	Located on the mid slope of the embankment.

DRAWN : HS	DRAWING STATUS
DESIGN : HS	WORK IN PROGRESS
CHKD : CHM	PRELIMINARY DRAWING
APPD : DT	EXTERNAL ISSUE
DATE : 19/06/2019	AS-BUILT
SUITABILITY : S4	FOR CONSTRUCTION APPROVAL

CLIENT

AGENT

SCHEME NAME  
**M5 J11 A40 EB ON SLIP**

DRAWING TITLE  
**EXPLORATORY HOLE LOCATION PLAN (SHEET 1 OF 2)**

ORIG DRAWING SIZE : A1	DIMENSIONS : m
COPYRIGHT © KIER	SCALE : 1:1000
DRAWING NUMBER	SCHEME REFERENCE No.
PROJECT   ORIGINATOR   VOLUME	1050266
HE570127C - KIER - HGT	
M5_J11_A40 - DR - CE - 0600_01	REVISION
LOCATION   TYPE   ROLE   NUMBER	C 1

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