

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 - OVERBRIDGE
HS-02 - OVERHEAD TELEPHONE CABLES
HS-03 - OVERHEAD ELECTRICITY CABLES

- NOTES**
1. THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
 2. DO NOT SCALE FROM THIS DRAWING. USE STATED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 3. THIS DRAWING SHOULD BE PRINTED AND READ IN COLOUR ONLY.
 4. THE UTILITIES INDICATED ON THIS DRAWING HAS BEEN PREPARED FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION/SITE INVESTIGATION OR LOCATING SERVICES.
 5. THE LOCATION OF ALL SERVICES MUST BE CONFIRMED WITH THE RELEVANT SERVICE PROVIDER PRIOR TO UNDERTAKING ANY WORKS.
 6. KIER TAKES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN ON THIS DRAWING, WHICH HAS BEEN COMPILED FROM PLANS PROVIDED BY THE UTILITY COMPANIES. THE LOCATION OF ALL SERVICES MUST BE CONFIRMED WITH THE RELEVANT SERVICE PROVIDER PRIOR TO UNDERTAKING ANY WORKS.

DRAINAGE KEY

SURFACE CHANNEL
SUB-SURFACE PIPE
COMBINED SURFACE AND SUB-SURFACE PIPE
CULVERT
MANHOLE
GULLY
CATCHPIT
OUTLET

STATS KEY

TELEPHONE OVERHEAD
TELEPHONE UNDERGROUND
ELECTRICITY OVERHEAD
ELECTRICITY UNDERGROUND
WATER SUPPLIES

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C2	NORTH ARROW ADDED TO LOCATION PLAN	AM	GR	28/06/2021
C1	FIRST ISSUE	SC	RP	21/12/2020
REV	DETAILS	CHKD	APPD	DATE

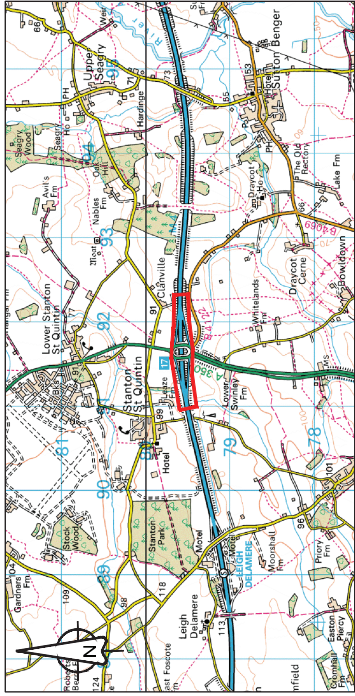


SCHEME NAME
SCHEME 11 - 586
A30 CARMINOW CROSS TO HELLAND MP 95.2-96.1

DRAWING TITLE
EXISTING DRAINAGE
(SHEET 1 OF 1)

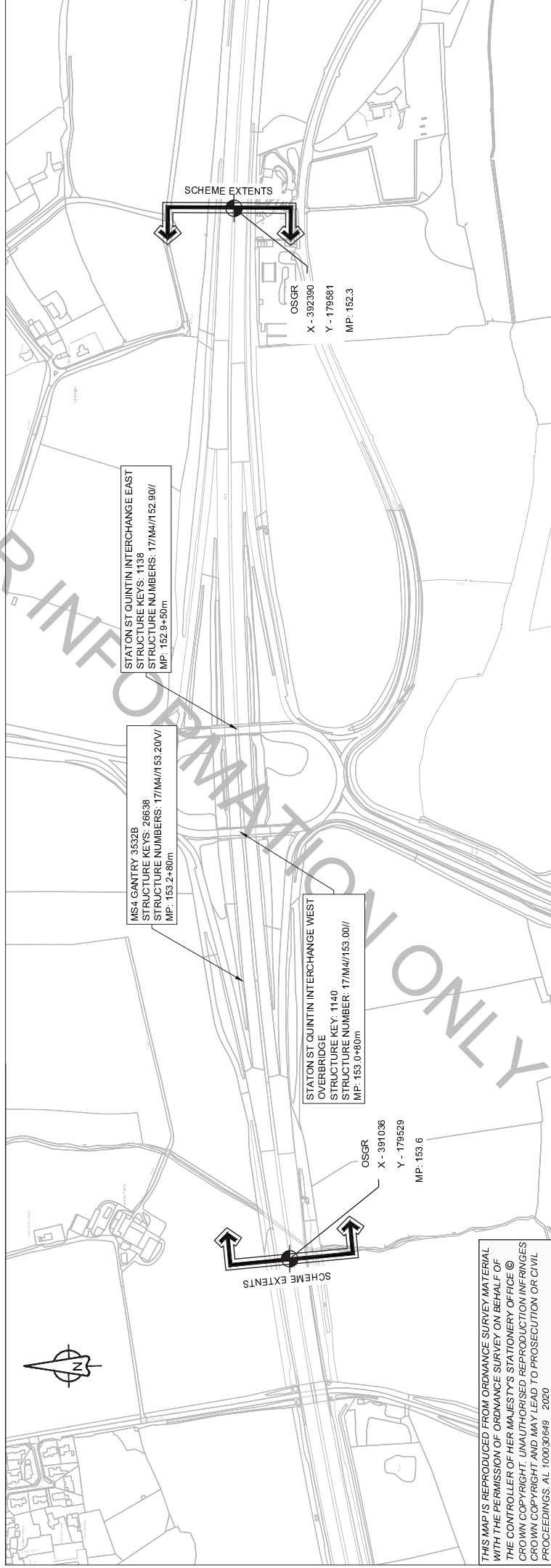
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CHKD : SC	ORIG DWG SIZE: A1	PRELIMINARY DRAWING
APPD : RP	COPYRIGHT © KIER	EXTERNAL ISSUE
DATE : 21/12/2020		AS-BUILT
SUITABILITY: A	FOR CONSTRUCTION	

DRAWING NUMBER	PROJECT	ORIGINATOR	VOLUME	SCHEME REFERENCE No.
HE570131D	KIER	HDG		570131D
A30_MP_95-97_CR_DR - CH	LOCATION	TYPE	ROLE	REVISION
050001			NUMBER	C 2





LOCATION PLAN
NOT TO SCALE

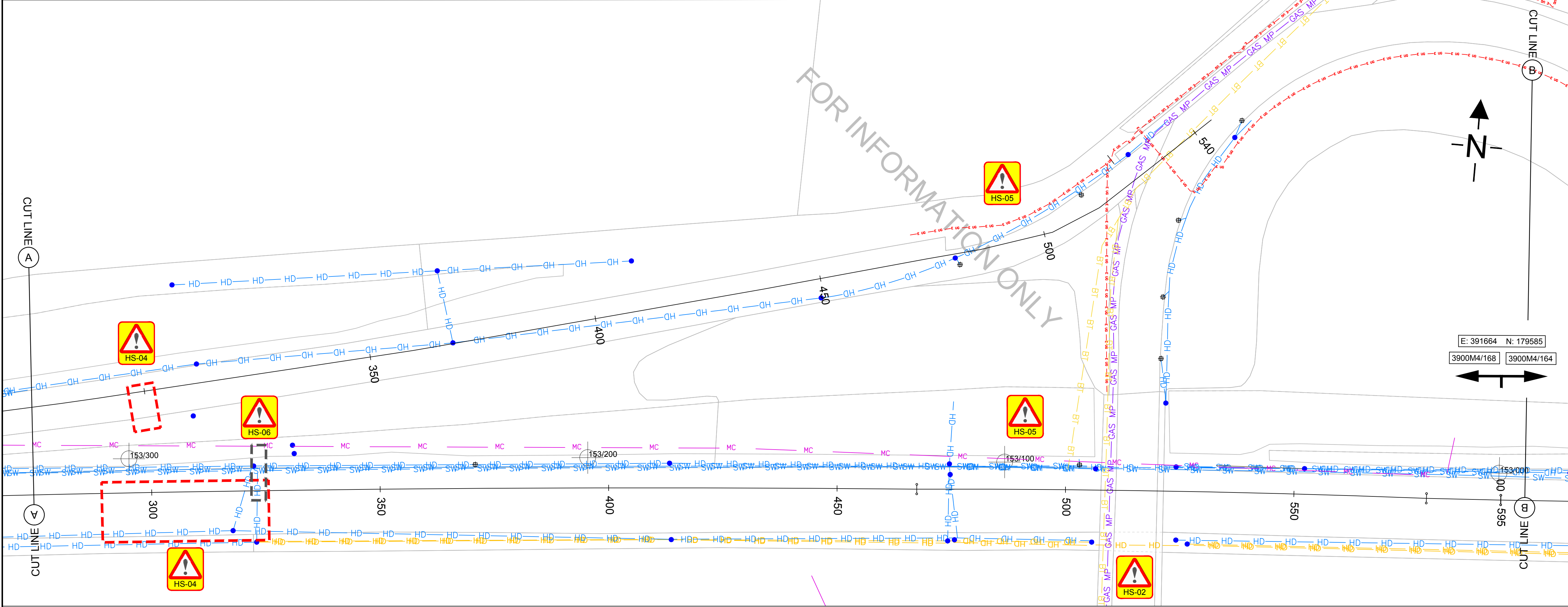
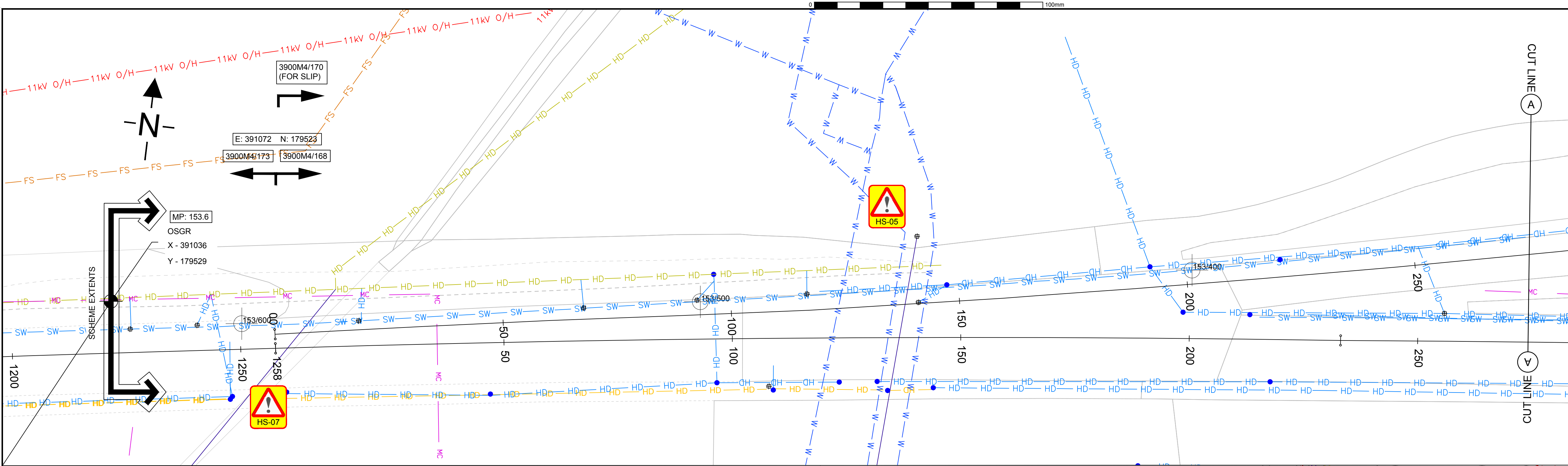
- NOTES**
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 2. THIS DRAWING SHOULD NOT BE SCALED.
 3. THIS DRAWING IS FOR INFORMATION ONLY.
 4. STRUCTURES INFORMATION HAS BEEN PROVIDED FOR STRUCTURES THAT ARE LIKELY TO BE AFFECTED BY THE PROPOSED WORKS.



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CLIENT				570131D PRIORITY VRS VM DEVELOPMENT BATCH 1											
AGENT				SITE 20 - M4 J17-J16 EASTBOUND VERGE											
				LOCATION PLAN											
				DRAWN : SMc		SCALE : 1:5000		DRAWING STATUS							
DESIGN : SMc				DIMENSIONS : AS STATED		WORK IN PROGRESS									
CHKD : LAH				ORIG DWG SIZE: A3		PRELIMINARY DRAWING									
APPD : SR				COPYRIGHT © KIER		EXTERNAL ISSUE									
DATE : 01.12.20						AS-BUILT									
SUITABILITY: S2				FOR INFORMATION											
				DRAWING NUMBER											
				PROJECT		ORIGINATOR		VOLUME		SCHEME REFERENCE No					
				HE570131D		- KIER		- HGN		1040304					
				M4_J17_J16_B		- DR		- CH		- 000001		REVISION			
				LOCATION		TYPE		ROLE		NUMBER					
				C 1		FIRST ISSUE		LAH		SR		DATE			
				REV		DETAILS		CHKD		APPD		DATE			
				C 1								01.12.20			





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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

PLEASE DELETE / AMEND THIS TEXT TO SUIT (EXAMPLE ENTRY BELOW)

HS-01 - EXISTING OVERHEAD ELECTRICITY CABLES

HS-02 - EXISTING OVERHEAD STRUCTURES

HS-03 - UNDERBRIDGE STRUCTURES

HS-04 - TRAFFIC LOOPS

HS-05 - STATUTORY UNDERTAKERS (UNDERGROUND)

HS-06 - GANTRY

HS-07 - EXISTING CULVERT

HS-08 - POTENTIAL ASBESTOS CONTAMINATED MATERIALS (ACM)

E-01 - INVASIVE SPECIES

E-02 - PROTECTED SPECIES

E-03 - DITCHES/WATERCOURSE

- NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS WITHIN THE SERIES.

2. LOCATION OF STATUTORY UNDERTAKERS SERVICES ARE INDICATIVE ONLY. NO GUARANTEE IS GIVEN TO ITS ACCURACY. FOR CONSTRUCTION PURPOSES REFER TO STATUTORY UNDERTAKERS PLANS IN THE DESIGN INFORMATION PACK.

3. MARKER POSTS ARE SHOWN FOR INDICATIVE PURPOSE ONLY. CHAINAGES SHOWN ON THIS DRAWING HAVE BEEN SET OUT AT LEAST EVERY 50m ALONG THE CHART SECTIONS INDICATED THROUGHOUT THE EXTENTS OF THE WORKS.

4. THE OVERHEAD CABLES HAVE BEEN IDENTIFIED ON THE SCHEME DRAWINGS, HOWEVER INFORMATION REGARDING SAFE WORKING HEIGHTS IN ACCORDANCE WITH GS6 HAS NOT BEEN INDICATED. PRIOR TO THE COMMENCEMENT OF WORKS ON SITE, OVERHEAD CABLE HEIGHTS TO BE CONFIRMED AND RECORDED BY WAY OF SIGNATURE AND DATE BY A TRAINED AND COMPETENT PERSON.

KEY

BT

BRITISH TELECOM - UNDERGROUND

HD

HIGHWAY DRAIN

HD

HIGHWAY DITCH

HD

FILTER DRAIN

FS

FOUL WATER SEWER

SW

SURFACE WATER DRAIN

W

WATER MAIN

E UG

ELECTRICITY LINE - UNDERGROUND

11kV O/H

ELECTRICITY 11kV - OVERGROUND

33kV O/H

ELECTRICITY 33kV - OVERHEAD

CULVERT

MC

MOTORWAY COMMUNICATIONS

GAS MP

GAS MAIN MP

GULLY / OUTLET

MANHOLE / CATCHPIT

OUTFALL

RODDING EYE

C1	FIRST ISSUE	LAH	SR	11.12.2020
REV	DETAILS	CHKD	APPD	DATE

DRAWN : SMC	DRAWING STATUS
DESIGN : SMC	WORK IN PROGRESS
CHKD : LAH	PRELIMINARY DRAWING
APPD : SR	EXTERNAL ISSUE
DATE : 11.12.2020	AS-BUILT
SUITABILITY : S2	FOR INFORMATION

CLIENT

AGENT

SCHEME NAME

570131D PRIORITY VRS VM DEVELOPMENT BATCH 1

DRAWING TITLE

SITE 20 - M4 J17-J16 EASTBOUND VERGE STATUTORY UNDERTAKERS PLAN SHEET 1 OF 3

ORIG DRAWING SIZE : A1

DIMENSIONS : m

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SCALE : 1:500

DRAWING NUMBER

PROJECT | ORIGINATOR | VOLUME

HE570131D - KIER - HGN

M4_J17-J16_B - DR - CH - 010005

LOCATION | TYPE | ROLE | NUMBER

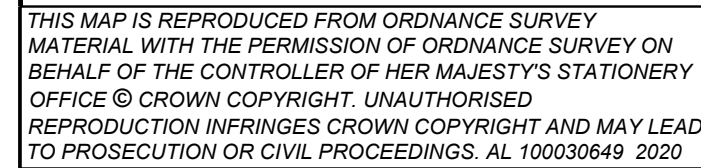
SCHEME REFERENCE No.

1040304

REVISION


C 1

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KEY

	BRITISH TELECOM - UNDERGROUND
	HIGHWAY DRAIN
	HIGHWAY DITCH
	FILTER DRAIN
	FOUL WATER SEWER
	SURFACE WATER DRAIN
	WATER MAIN
	ELECTRICITY LINE - UNDERGROUND
	ELECTRICITY 11kV - OVERGROUND
	ELECTRICITY 33kV - OVERHEAD
	CULVERT
	MOTORWAY COMMUNICATIONS
	GAS MAIN MP
	GULLY / OUTLET
	MANHOLE / CATCHPIT
	OUTFALL
	RODDING EYE

C1	FIRST ISSUE	LAH	SR	11.12.2020
REV	DETAILS	CHKD	APPD	DATE

DRAWN : SMc	DRAWING STATUS	
DESIGN : SMc	WORK IN PROGRESS	
CHKD : LAH	PRELIMINARY DRAWING	
APPD : SR	EXTERNAL ISSUE	✓
DATE : 11.12.2020	AS-BUILT	

SUITABILITY : S2 FOR INFORMATION

CLIENT



AGENT



SCHEME NAME

570131D PRIORITY VRS VM
DEVELOPMENT BATCH 1

DRAWING TITLE

SITE 20 - M4 J17-J16
EASTBOUND VERGE
STATUTORY UNDERTAKERS PLAN
SHEET 2 OF 3

ORIG DRAWING SIZE : A1		DIMENSIONS : m	
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DRAWING NUMBER			
PROJECT		ORIGINATOR	VOLUME
HE570131D - KIER		- HGN	
M4_J17-J16_B		- DR - CH -	010006
LOCATION	TYPE	ROLE	NUMBER
			REFERENCE NO 1040304
			REVISION C 1

