


LOCATION PLAN  
NTS

### 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

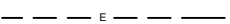
HS-01 - OVERHEAD ELECTRICITY CABLES  
HS-02 - GAS PIPELINE  
HS-03 - OVERBRIDGE  
HS-04 - WATERCOURSE  
HS-05 - UNDERBRIDGE  
HS-06 - TRAFFIC LOOPS


- NOTES
- THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
  - DO NOT SCALE FROM THIS DRAWING. USE STATED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - THIS DRAWING SHOULD BE PRINTED AND READ IN COLOUR ONLY.
  - 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.
  - THE LOCATION OF ALL SERVICES MUST BE CONFIRMED WITH THE RELEVANT SERVICE PROVIDER PRIOR TO UNDERTAKING ANY WORKS. OVERHEAD CABLE HEIGHTS TO BE CONFIRMED AND RECORDED BY WAY OF SIGNATURE AND DATE BY A TRAINED AND COMPETENT PERSON.
  - 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.
  - CROSS CARRIAGEWAY INDICATIVE LOCATIONS OF STATUTORY UNDERTAKERS SERVICES HAVE BEEN PROVIDED. FOR STATUTORY UNDERTAKERS SERVICES INFORMATION REFER TO DRAWING NO. HE570131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.
  - MARKER POSTS ARE SHOWN FOR INDICATIVE PURPOSE ONLY. CHAINAGES SHOWN ON THIS DRAWING HAVE BEEN SET OUT EVERY 20m ALONG THE CHART SECTIONS INDICATED THROUGHOUT THE EXTENTS OF THE WORKS.
  - TRIAL HOLES LOCATED AT THE STRUCTURES ARE TO DETERMINE THE DEPTH OF BRIDGE PIER FOUNDATIONS AND OFFSET OF FOUNDATION EDGE FROM THE FACE OF THE BRIDGE PIER.
  - THE WIDTH OF THE TOPOGRAPHICAL SURVEY EXTENTS WILL BE FROM THE LANE 3 RIBLINE ROAD MARKINGS SOUTHBOUND TO LANE 3 RIBLINE ROAD MARKINGS NORTHBOUND UNLESS INDICATED OTHERWISE.
  - FOR DRAINAGE SERVICES INFORMATION REFER TO DRAWING NO. HE570131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-500-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.


KEY


MOTORWAY COMMS 


ELECTRICITY OVERHEAD 


ELECTRICITY UNDERGROUND 


MARKER NODES 


TRAFFIC LOOPS 

CSB 

CHANGE IN VRS TYPE 

MANHOLE 

CATCHPIT 

HARD SURFACING 

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 2021

C2	SURVEY SCOPE REDUCTION	GR	MRO	29/06/2021
P1	FIRST ISSUE	SC	SR	28/01/2021
REV	DETAILS	CHKD	APPD	DATE

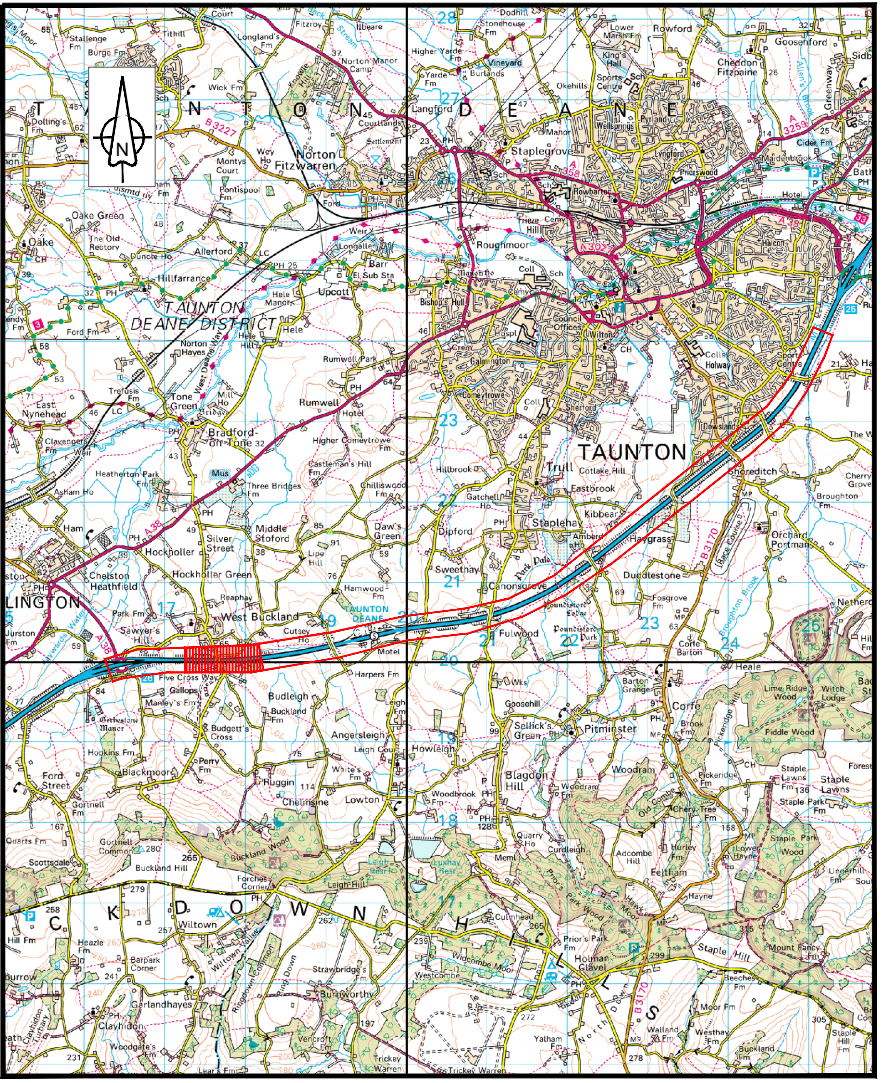
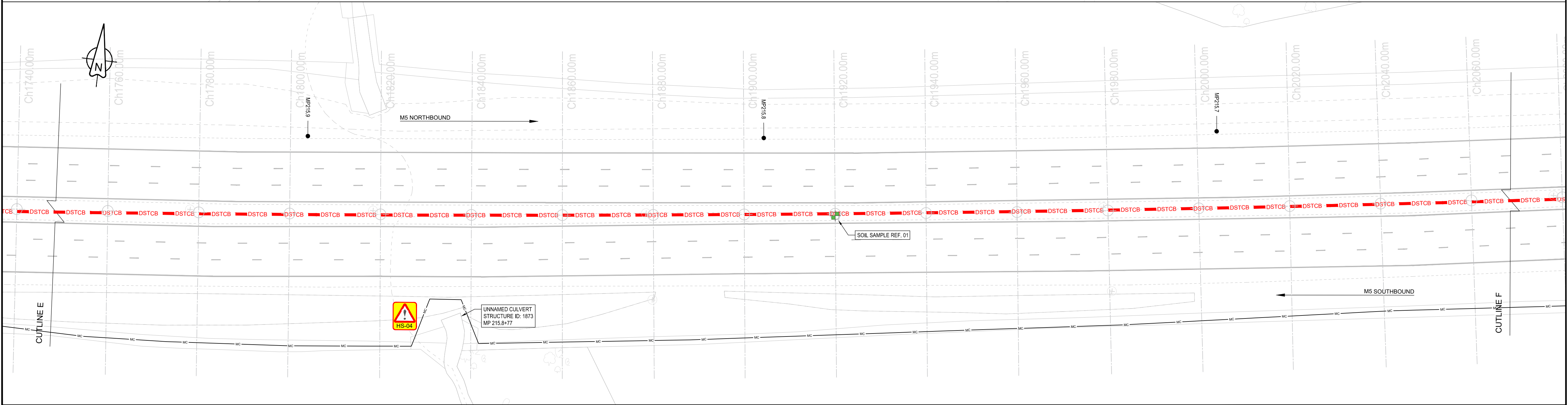
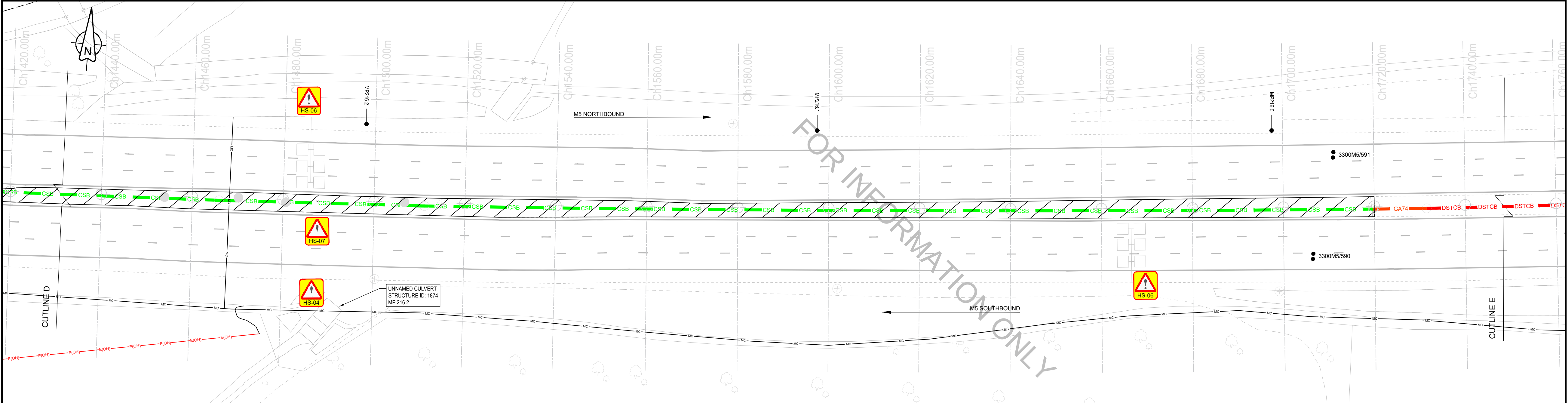
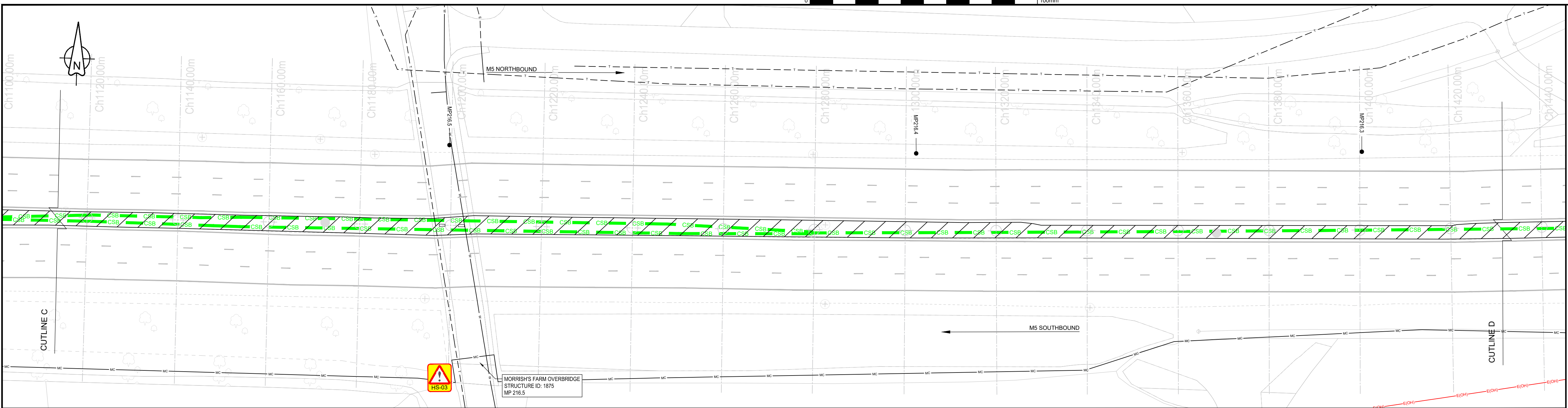


SCHEME NAME  
570131D VRS GATEWAY 1A STUDY 2020-2021  
SCHEME 607 M5 J25 TO J26 MP 207.5-217.5  
CENTRAL RESERVATION SURVEYS  
(SHEET 1 OF 11)

DRAWN : SB	SCALE : 1:500	DRAWING STATUS
DESIGN : SB	DIMENSIONS : m	WORK IN PROGRESS
CHKD : SC	ORIG DWG SIZE : A1	PRELIMINARY DRAWING
APPD : SR	COPYRIGHT © KIER	EXTERNAL ISSUE
DATE : 28/01/2021		AS-BUILT
SUITABILITY : A	FOR CONSTRUCTION	

DRAWING NUMBER	SCHEME REFERENCE No.
PROJECT   ORIGINATOR   VOLUME	HE570131
HE570131 - KIER - HRR	
M5_207.5_217.5 - DE - CH - 010001	REVISION
LOCATION   TYPE   ROLE   NUMBER	C 2





**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**  
HS-02 - GAS PIPELINE  
HS-03 - OVERBRIDGE  
HS-04 - WATERCOURSE  
HS-05 - UNDERBRIDGE  
HS-06 - TRAFFIC LOOPS  
HS-07 - M51 SIGN

- NOTES**
- THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
  - DO NOT SCALE FROM THIS DRAWING. USE STATED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - THIS DRAWING SHOULD BE PRINTED AND READ IN COLOUR ONLY.
  - 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.
  - THE LOCATION OF ALL SERVICES MUST BE CONFIRMED WITH THE RELEVANT SERVICE PROVIDER PRIOR TO UNDERTAKING ANY WORKS. OVERHEAD CABLE HEIGHTS TO BE CONFIRMED AND RECORDED BY WAY OF SIGNATURE AND DATE BY A TRAINED AND COMPETENT PERSON.
  - 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.
  - CROSS CARRIAGEWAY INDICATIVE LOCATIONS OF STATUTORY UNDERTAKERS SERVICES HAVE BEEN PROVIDED. FOR STATUTORY UNDERTAKERS SERVICES INFORMATION REFER TO DRAWING NO. HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.
  - MARKER POSTS ARE SHOWN FOR INDICATIVE PURPOSE ONLY. CHAINAGES SHOWN ON THIS DRAWING HAVE BEEN SET OUT EVERY 20m ALONG THE CHART SECTIONS INDICATED THROUGHOUT THE EXTENTS OF THE WORKS.
  - TRIAL HOLES LOCATED AT THE STRUCTURES ARE TO DETERMINE THE DEPTH OF BRIDGE PIER FOUNDATIONS AND OFFSET OF FOUNDATION EDGE FROM THE FACE OF THE BRIDGE PIER.
  - THE WIDTH OF THE TOPOGRAPHICAL SURVEY EXTENTS WILL BE FROM THE LANE 3 RIBLINE ROAD MARKINGS SOUTHBOUND TO THE LANE 3 RIBLINE ROAD MARKINGS NORTHBOUND UNLESS INDICATED OTHERWISE.
  - FOR DRAINAGE SERVICES INFORMATION REFER TO DRAWING NO. HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.
  - THIS DRAWING MUST BE READ IN CONJUNCTION WITH HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01.

**KEY**

ELECTRICITY OVERHEAD — E01H — E07H —  
WATER PIPE — W —  
MOTORWAY COMMS — MC —  
TELECOMS — T —  
MARKER NODES — ● —  
TRAFFIC LOOPS —  
DSTCB — DSTCB —  
SSTCB — SSTCB —  
SSOBB — SSOBB —  
GA74 — GA74 —  
CSB — CSB —

CHANGE IN VRS TYPE — ● —  
MANHOLE — ● —  
CATCHPIT — ● —  
SOIL SAMPLING — ● —  
HARD SURFACING — ■ —

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 2021



CLIENT

AGENT

SCHEME NAME

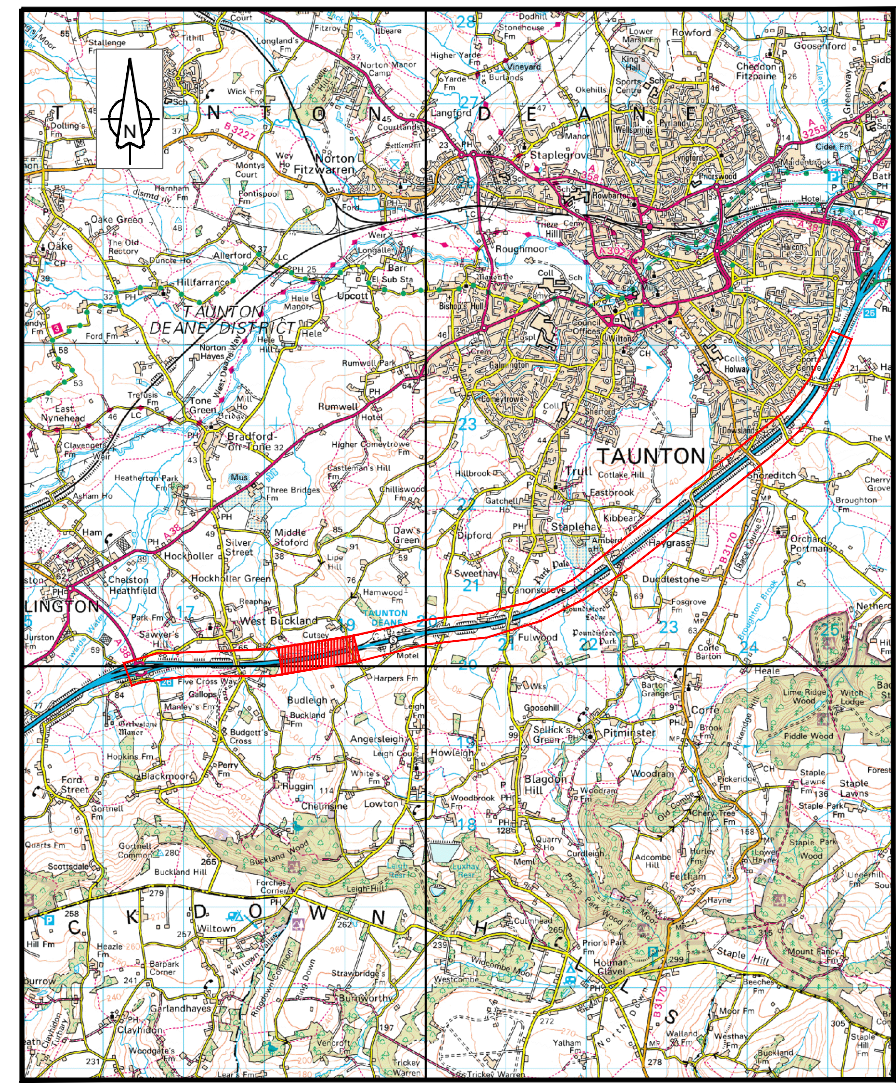
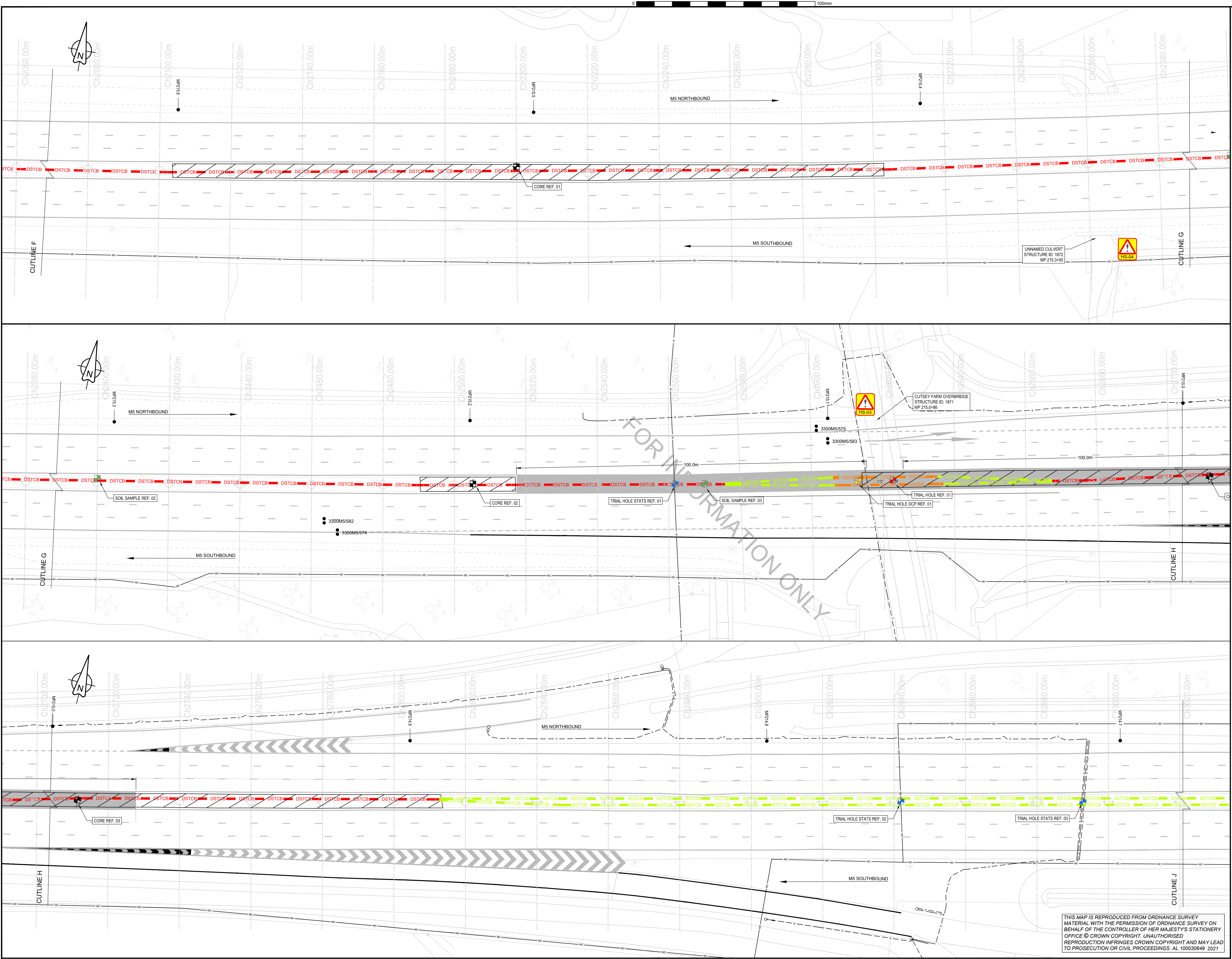
570131D VRS GATEWAY 1A STUDY 2020-2021  
SCHEME 607 M5 J25 TO J26 MP 207.5-217.5  
CENTRAL RESERVATION SURVEYS  
(SHEET 2 OF 11)

DRAWING TITLE

DRAWN : SB	SCALE : 1:500	DRAWING STATUS
DESIGN : SB	DIMENSIONS : m	WORK IN PROGRESS
CHKD : SC	ORIG DWG SIZE : A1	PRELIMINARY DRAWING
APPD : SR	COPYRIGHT © KIER	EXTERNAL ISSUE
DATE : 28/01/2021		AS-BUILT
SUITABILITY: A	FOR CONSTRUCTION	

DRAWING NUMBER	PROJECT	ORIGINATOR	VOLUME	SCHEME REFERENCE No.
HE570131	-	KIER	- HRR	HE570131
M5_207.5_217.5 - DE - CH - 010002	LOCATION	TYPE	ROLE	REVISION
			NUMBER	C 2






LOCATION PLAN  
NTS

### RESIDUAL DESIGN HAZARDS

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

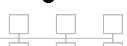













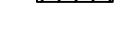

KEY  HS-# = HEALTH AND SAFETY RISK REFERENCE NUMBER  
E-# = ENVIRONMENT RISK REFERENCE NUMBER

HS-01 - OVERHEAD ELECTRICITY CABLES  
HS-02 - GAS PIPELINE  
HS-03 - OVERBRIDGE  
HS-04 - WATERCOURSE  
HS-05 - UNDERBRIDGE  
HS-06 - TRAFFIC LOOPS

#### NOTES

- THIS IS A C.A.D. DRAWING AND SHOULD NOT BE AMENDED BY HAND.
- DO NOT SCALE FROM THIS DRAWING. USE STATED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- THIS DRAWING SHOULD BE PRINTED AND READ IN COLOUR ONLY.
- 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.
- THE LOCATION OF ALL SERVICES MUST BE CONFIRMED WITH THE RELEVANT SERVICE PROVIDER PRIOR TO UNDERTAKING ANY WORKS. OVERHEAD CABLE HEIGHTS TO BE CONFIRMED AND RECORDED BY WAY OF SIGNATURE AND DATE BY A TRAINED AND COMPETENT PERSON.
- 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.
- CROSS CARRIAGEWAY INDICATIVE LOCATIONS OF STATUTORY UNDERTAKERS SERVICES HAVE BEEN PROVIDED. FOR STATUTORY UNDERTAKERS SERVICES INFORMATION REFER TO DRAWING NO. HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.
- MARKER POSTS ARE SHOWN FOR INDICATIVE PURPOSE ONLY. CHAINAGES SHOWN ON THIS DRAWING HAVE BEEN SET OUT EVERY 20m ALONG THE CHART SECTIONS INDICATED THROUGHOUT THE EXTENTS OF THE WORKS.
- TRIAL HOLES LOCATED AT THE STRUCTURES ARE TO DETERMINE THE DEPTH OF BRIDGE PIER FOUNDATIONS AND OFFSET OF FOUNDATION EDGE FROM THE FACE OF THE BRIDGE PIER.
- THE WIDTH OF THE TOPOGRAPHICAL SURVEY EXTENTS WILL BE FROM THE LANE 3 RIBLINE ROAD MARKINGS SOUTHBOUND TO LANE 3 RIBLINE ROAD MARKINGS NORTHBOUND UNLESS INDICATED OTHERWISE.
- FOR DRAINAGE SERVICES INFORMATION REFER TO DRAWING NO. HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01 TO 11. NO GUARANTEE IS GIVEN TO ITS ACCURACY.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH:  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0000-01  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0001  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0002  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0003  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0004  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0005  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0006  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0007  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0008  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0009  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0010  
HES70131D-KIER-HRR-M5\_207.5\_217.5-DE-CH-0011

#### KEY

MOTORWAY COMMS	MC
ELECTRICITY UNDERGROUND	EE
WATER	W
TELECOMS	T
MARKER NODES	•
TRAFFIC LOOPS	
DSTCB	
SSTCB	
SSOBB	
GA74	
CSB	
CHANGE IN VRS TYPE	
SURVEY AREA (TOPOGRAPHICAL, DUCT, DRAINAGE AND ASBESTOS REPAIR/REPLACEMENT SURVEY)	
MANNHOLE	
CATCHPIT	
TRIAL HOLE SURVEY SOIL SAMPLING	
TRIAL HOLE SURVEY & SOIL SAMPLING & DCP	
TRIAL HOLE SURVEY (STRUCTURES)	
SOIL SAMPLING	
CORE	
HARD SURFACING	

C2	SURVEY SCOPE REDUCTION	GR	MRO	29/06/2021
P1	FIRST ISSUE	SC	SR	28/01/2021
REV	DETAILS	CHKD	APPD	DATE

DRAWING NUMBER	PROJECT	ORIGINATOR	VOLUME	SCHEME REFERENCE No.
HE570131	-	KIER	- HRR	HE570131
M5_207.5_217.5 - DE - CH -	010003	LOCATION	TYPE	REVISION
		ROLE	NUMBER	C 2



SCHEME NAME  
570131D VRS GATEWAY 1A STUDY 2020-2021  
SCHEME 607 M5 J25 TO J26 MP 207.5-217.5  
CENTRAL RESERVATION SURVEYS  
(SHEET 3 OF 11)

DRAWN : SB	SCALE : 1:500	DRAWING STATUS
DESIGN : SB	DIMENSIONS : m	WORK IN PROGRESS
CHKD : SC	ORIG DWG SIZE : A1	PRELIMINARY DRAWING
APPD : SR	COPYRIGHT © KIER	EXTERNAL ISSUE
DATE : 28/01/2021		AS-BUILT
SUITABILITY: A	FOR CONSTRUCTION	