

A428 Black Cat to Caxton Gibbet improvements

TR010044

Volume 2

2.10 Engineering Section Drawings – Part 2

Planning Act 2008

Regulations 5(2)(o), 5(2)(p), 6(2)(a) and 6(2)(b)

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009

26 February 2021

Infrastructure Planning

Planning Act 2008

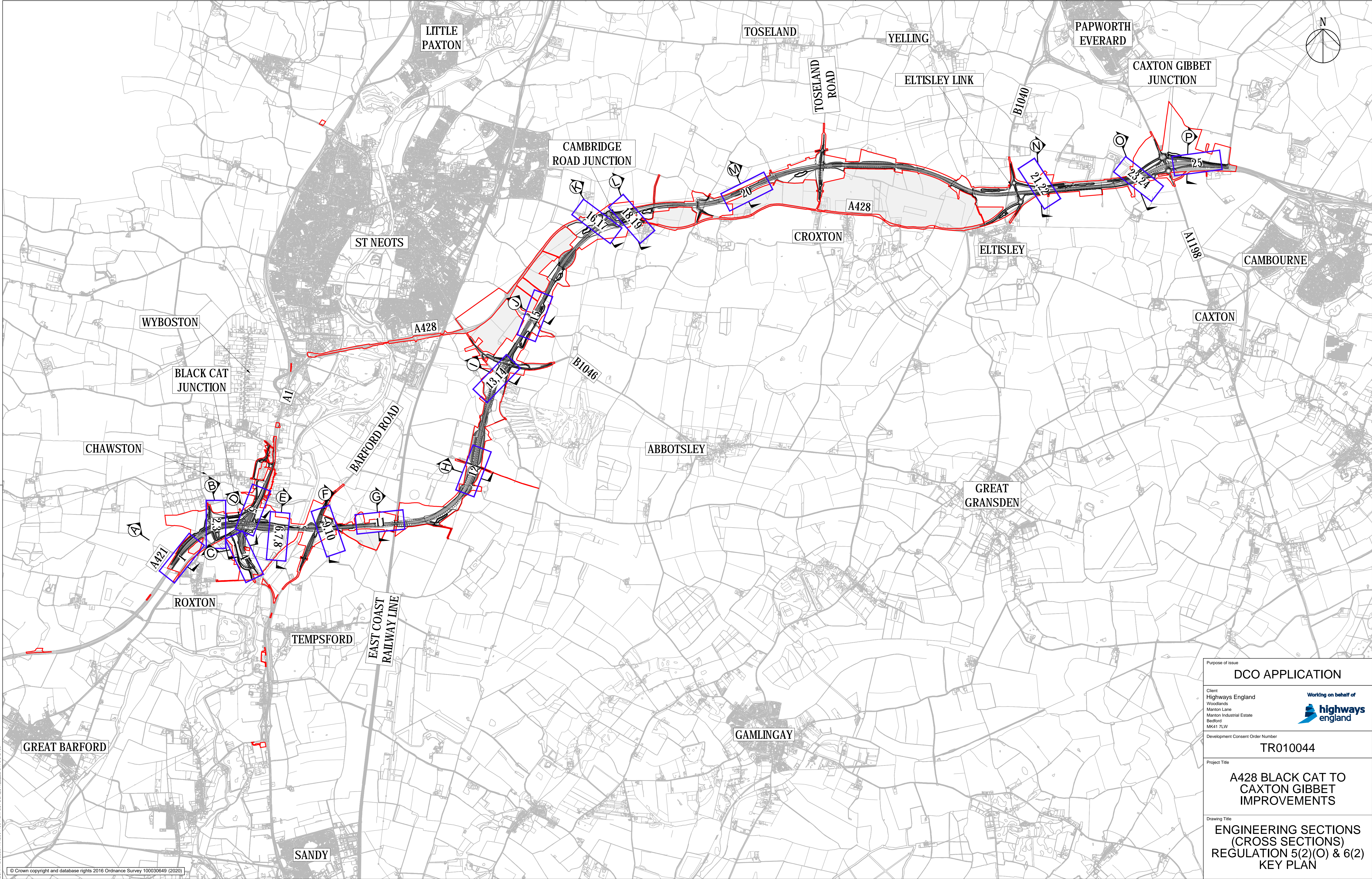
**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

**A428 Black Cat to Caxton Gibbet
improvements**
Development Consent Order 202[]

Engineering Section Drawings – Part 2

Regulation Reference:	Regulation 5(2)(o), 5(2)(p), 6(2)(a) and 6(2)(b)
Planning Inspectorate Scheme Reference	TR010044
Application Document Reference	TR010044/APP/2.10
Author	A428 Black Cat to Caxton Gibbet improvements Project Team, Highways England

Version	Date	Status of Version
Rev 1	26 February 2021	DCO Application



Final for DCO Application			
Revision Details			
By	Check	Date	Suffix
JB	TD	03/02/21	P04

NOTES

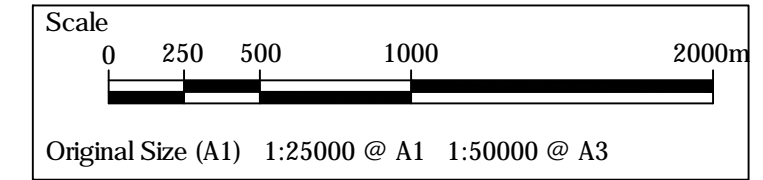
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KEY

— ORDER LIMITS

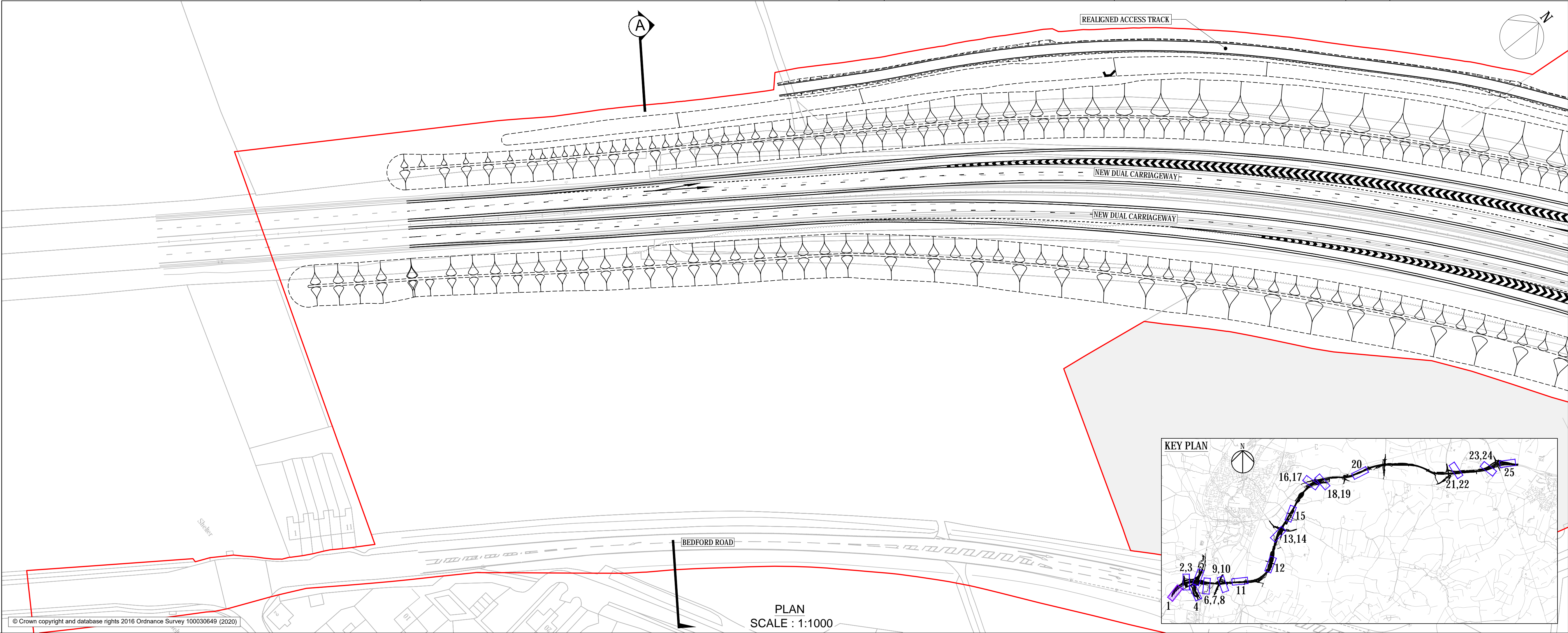
— ORDER LIMITS EXCLUSION AREAS

— SECTION MARK

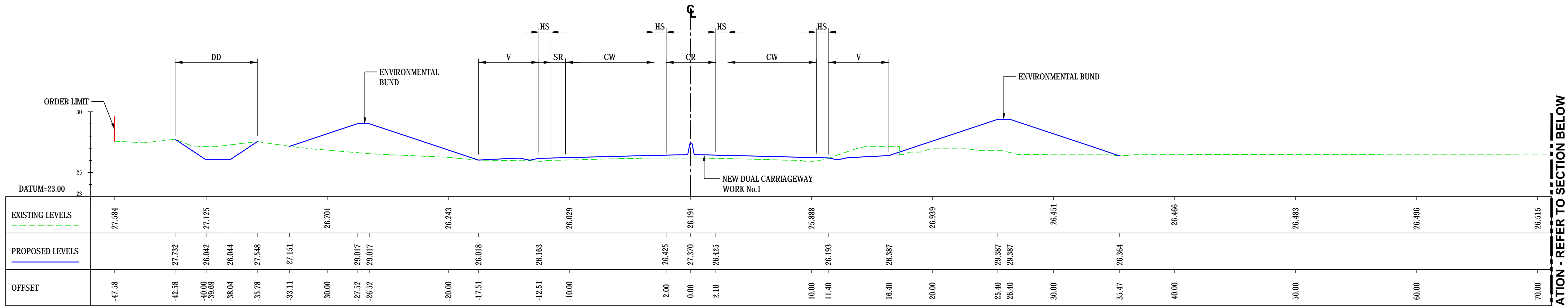


Purpose of issue				
DCO APPLICATION				
Client				
Highways England				
Woodlands				
Manton Lane				
Bedford				
MK41 7LW				
Development Consent Order Number				
TR010044				
Project Title				
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title				
ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) KEY PLAN				
Designed	Drawn	Checked	Approved	Date
GH	JB	JMW	TD	03/02/21
Internal Project No.		Suitability		
60541541		D7		
Scale @ A1		Zone		
1:25000		General		
Drawing Number		I Originator		I Volume
HE551495 -ACM		-LSI		-
GEN_SW_Z_ZZ		-DR-DC-2460		P04
Location		I Type		I Role
		I Number		

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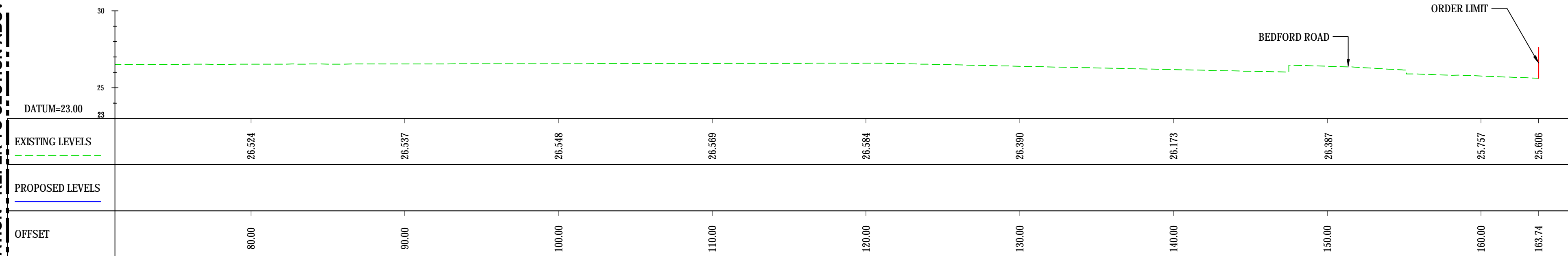


- NOTES
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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).
- KEY
- ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



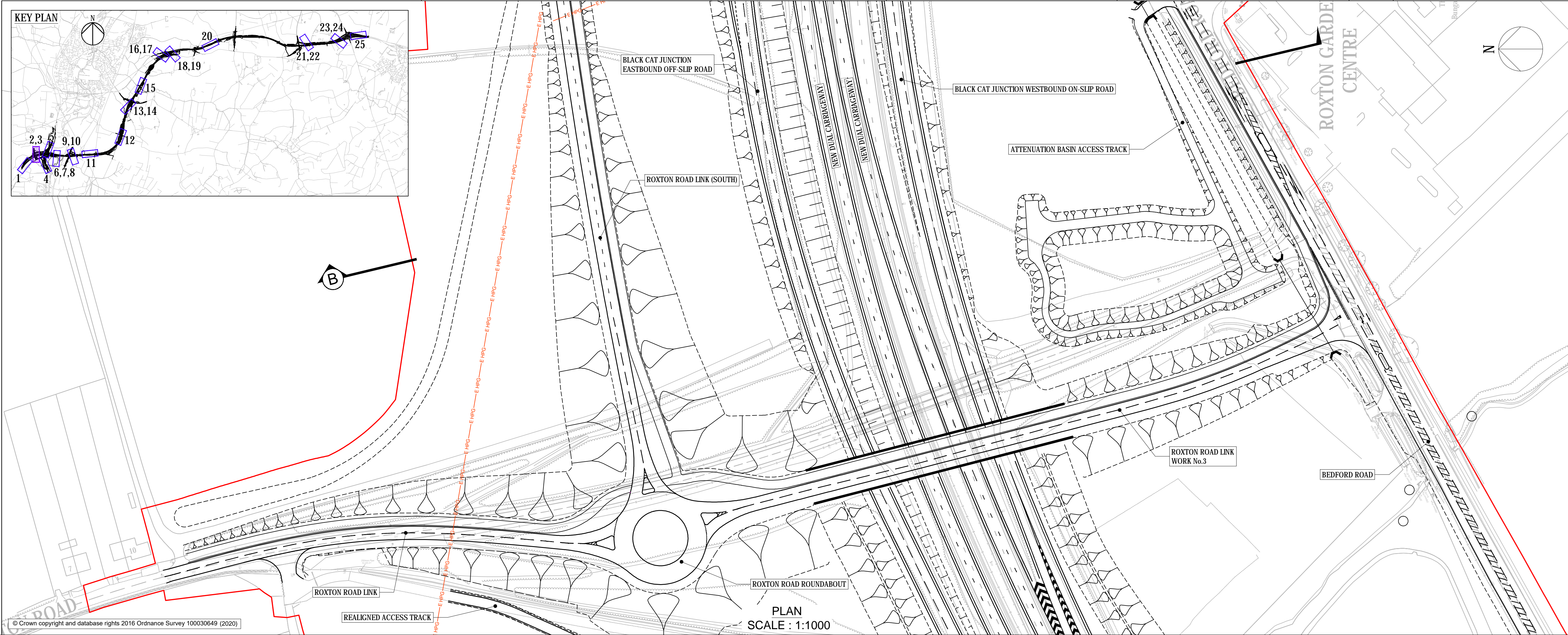
CONTINUATION - REFER TO SECTION BELOW

CONTINUATION - REFER TO SECTION ABOVE



SECTION A-A, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 422.583m

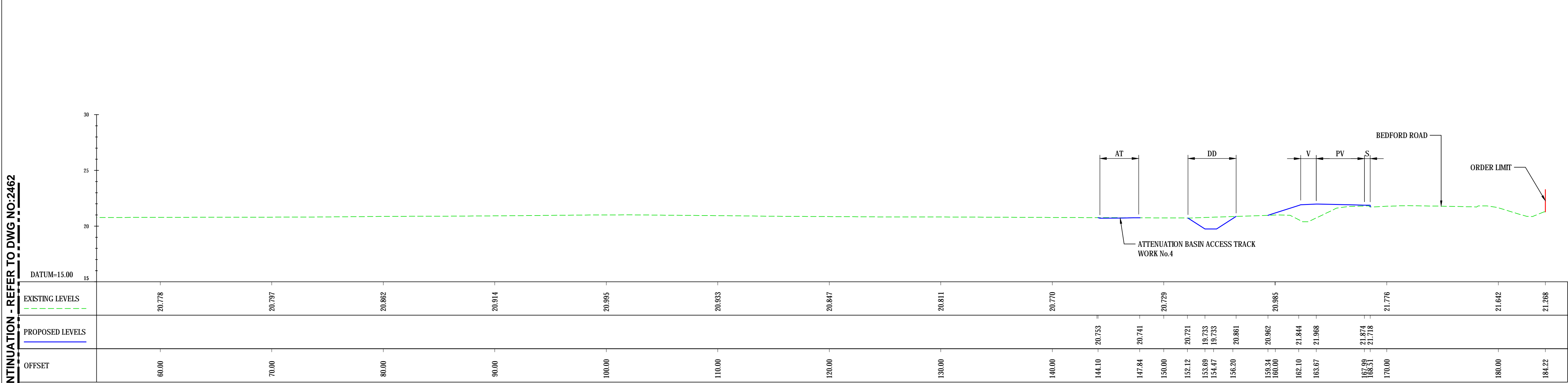
Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW				
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 1				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN1		
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Drawing Number HE551495 -ACM		1 Originator -LSI		1 Volume -
Location ZN1_SW_Z_ZZ		1 Type -DR		1 Role -DC
1 Number 2461				Rev P04



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KEY

—	ORDER LIMITS
—	FINISHED LEVEL
---	TOPOGRAPHICAL SURVEY (EXISTING GROUND)
—E HPG—	FEEDER 18 900NB HP PIPELINE - 19.05MM WT
—	BRIDGE
—	CULVERT
CW	CARRIAGEWAY
SR	SLIP ROAD
HS	HARD STRIP
SDR	SIDE ROAD
HSR	HARD SHOULDER
AT	ACCESS TRACK
PV	FOOTWAY/CYCLE TRACK
MN	MEDIAN
DD	DRAINAGE DITCH
V	VERGE
S	SEPARATION



Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Check	Date
Purpose of issue			

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Development Consent Order Number
TR010044

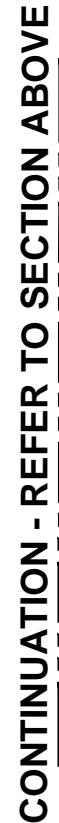
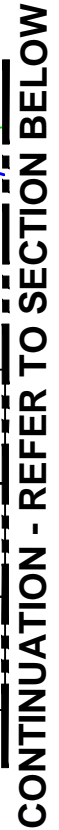
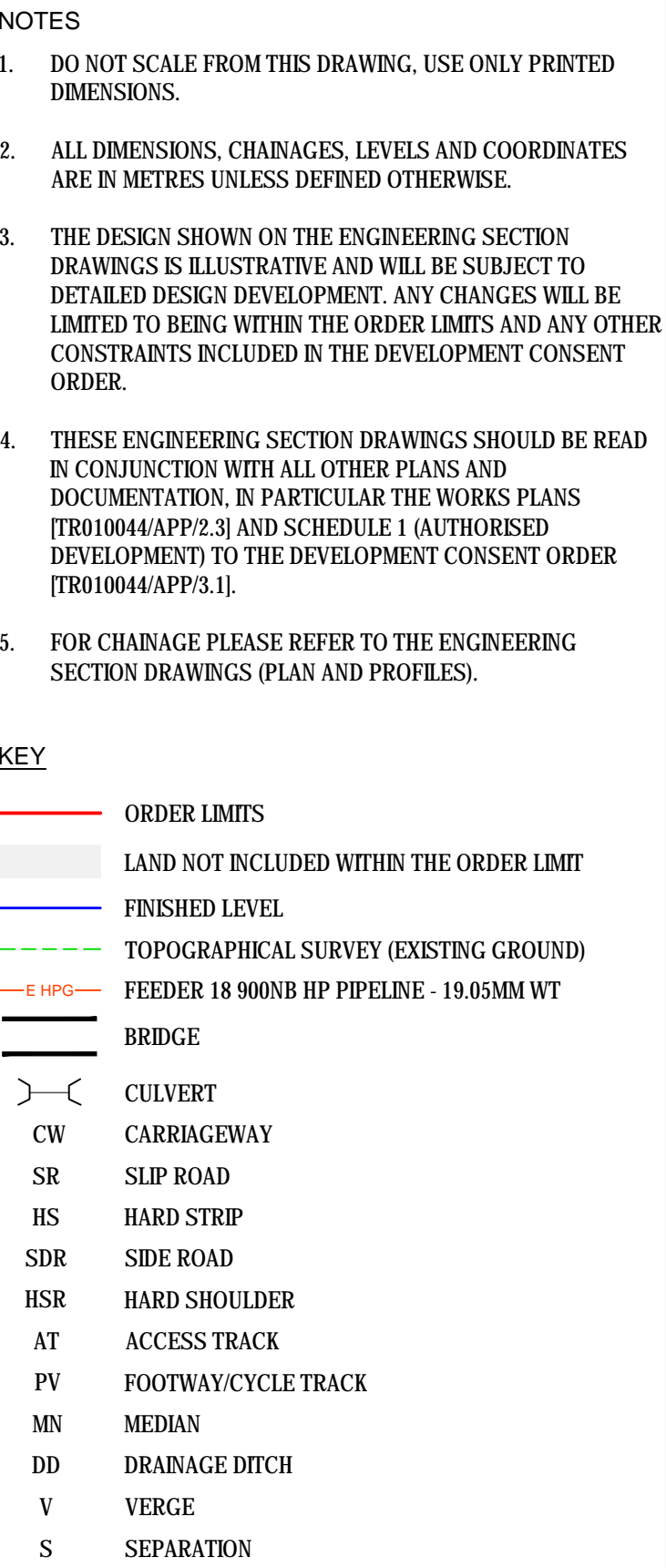
Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 3

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541			Suitability D7	
Scale @ A1 AS SHOWN			Zone ZN1	

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Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -	Rev P04
Location ZN1_SW_Z_ZZ -DR-DC-2463			1 Type 1 Role 1 Number



Final for DCO Application	JB TD	03/02/21	P04
Revision Details	By Check	Date	Suffix

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

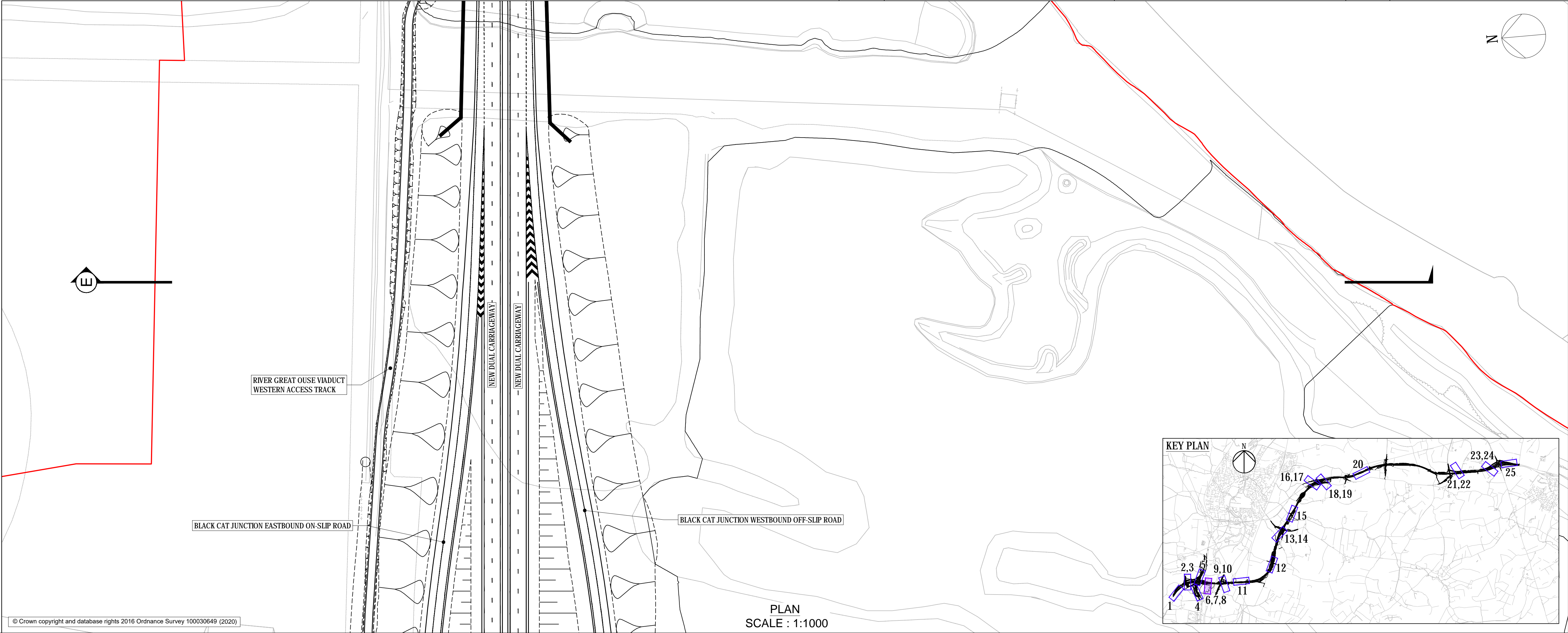
Project Title

A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

Designed JH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 0541541			Suitability D7	
Scale @ A1 AS SHOWN			Zone ZN1	

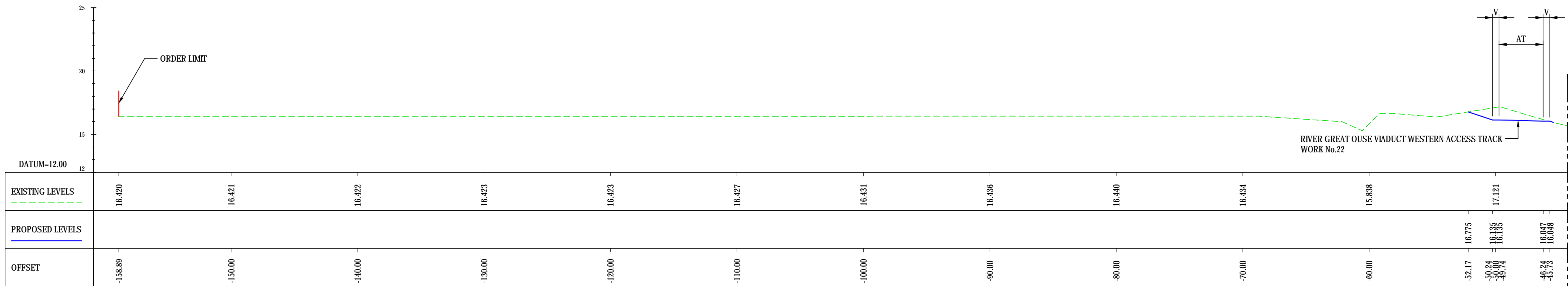
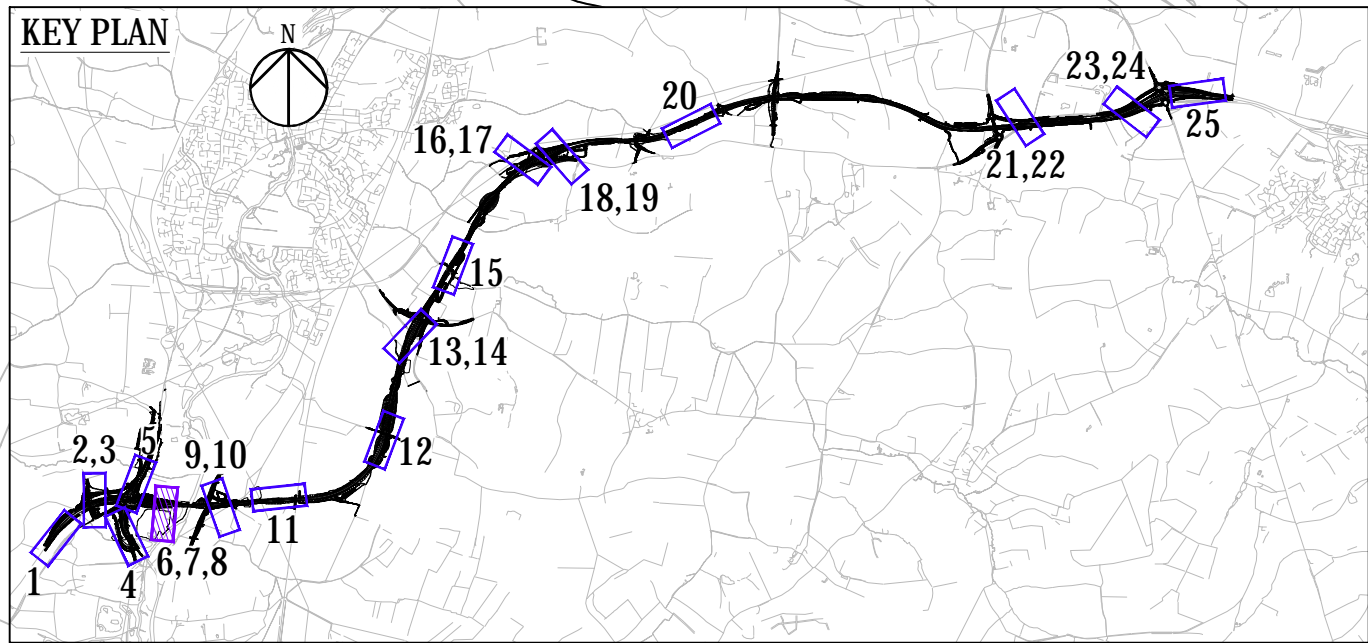
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Rev'd Date: 15/07/2024
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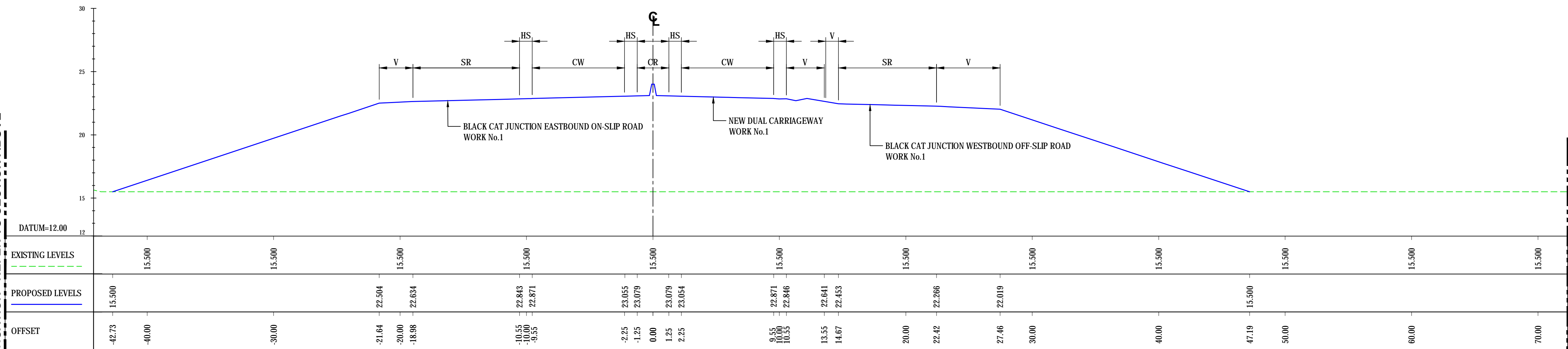
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- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



CONTINUATION - REFER TO SECTION BELOW

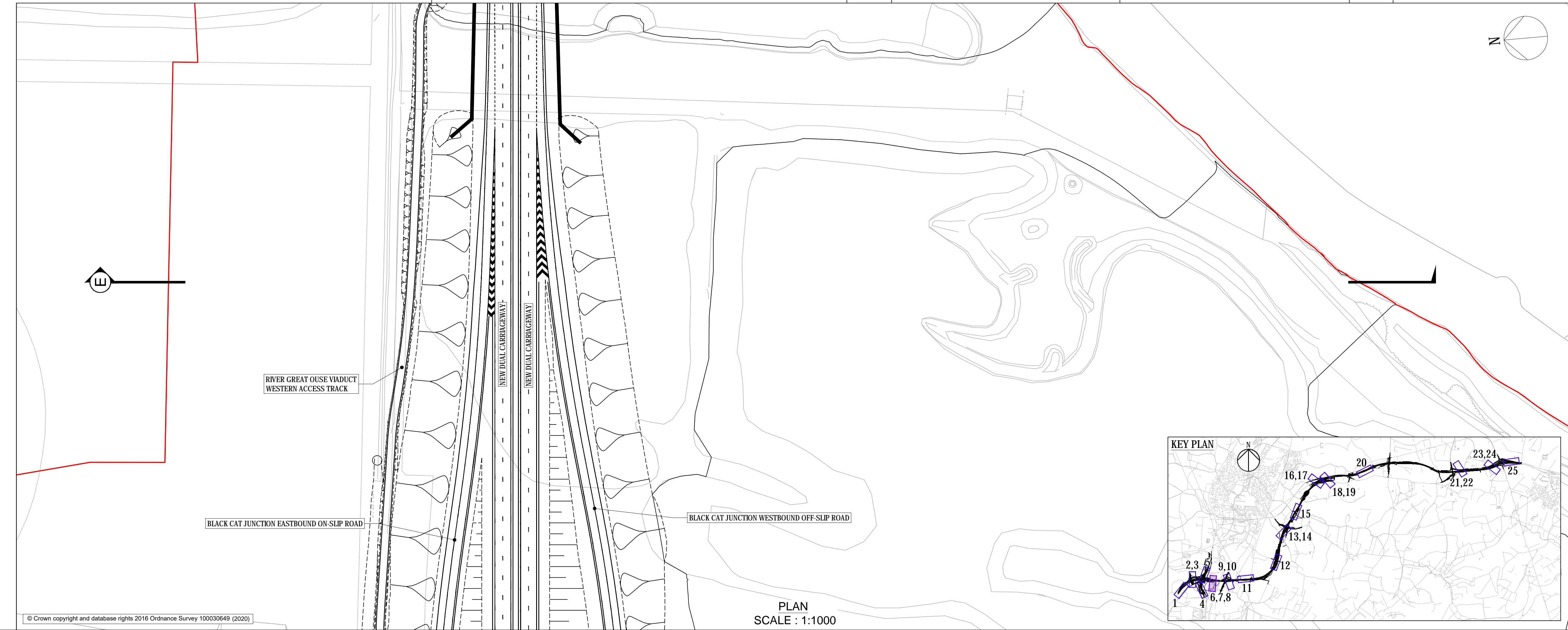
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CONTINUATION - REFER TO DWG NO:2467

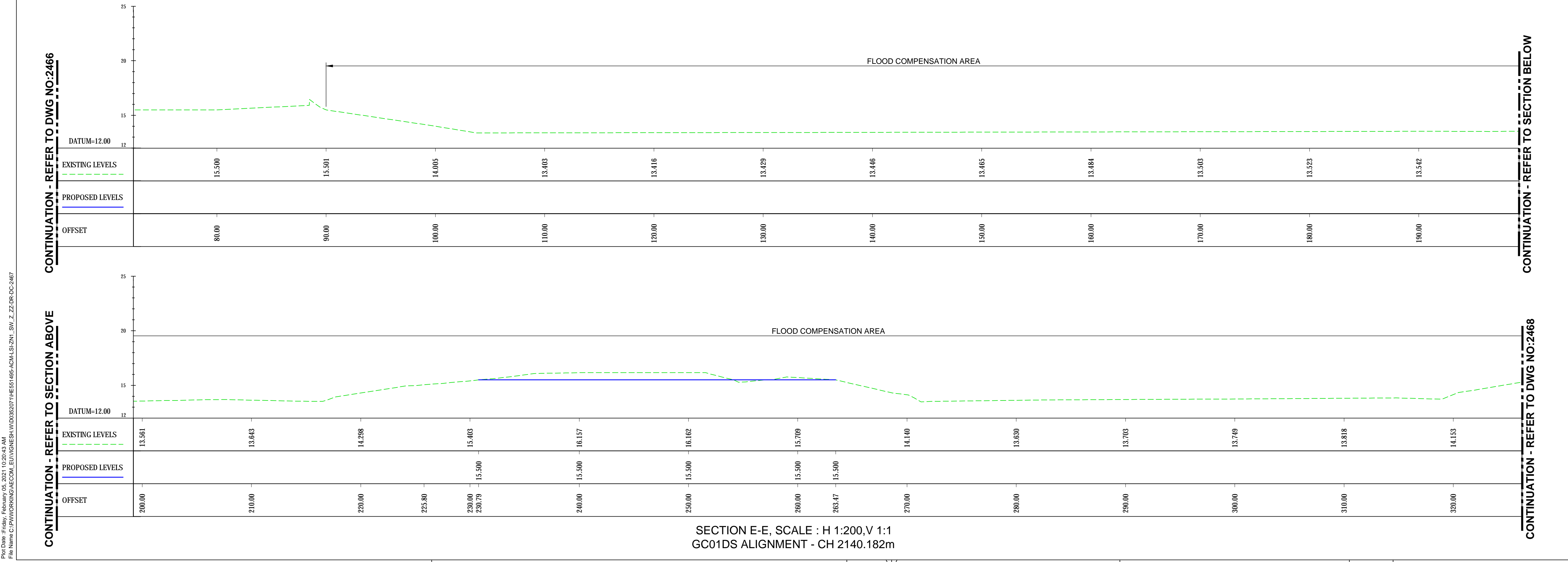
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GC01DS ALIGNMENT - CH 2140.182m


Final for DCO Application		JB	TD	03/02/21	P04
Revision Details		By	Check	Date	Suffix
Purpose of issue					
DCO APPLICATION					
Client		Working on behalf of			
Highways England		highways england			
Woodlands					
Manton Lane					
Manton Industrial Estate					
Bedford					
MK41 7LW					
Development Consent Order Number					
TR010044					
Project Title					
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS					
Drawing Title					
ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 6					
Designed	Drawn	Checked	Approved	Date	
GH	JB	JMW	TD	03/02/21	
Internal Project No.		Suitability			
60541541		D7			
Scale @ A1		Zone			
AS SHOWN		ZN1			
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Location		1 Type		1 Role	
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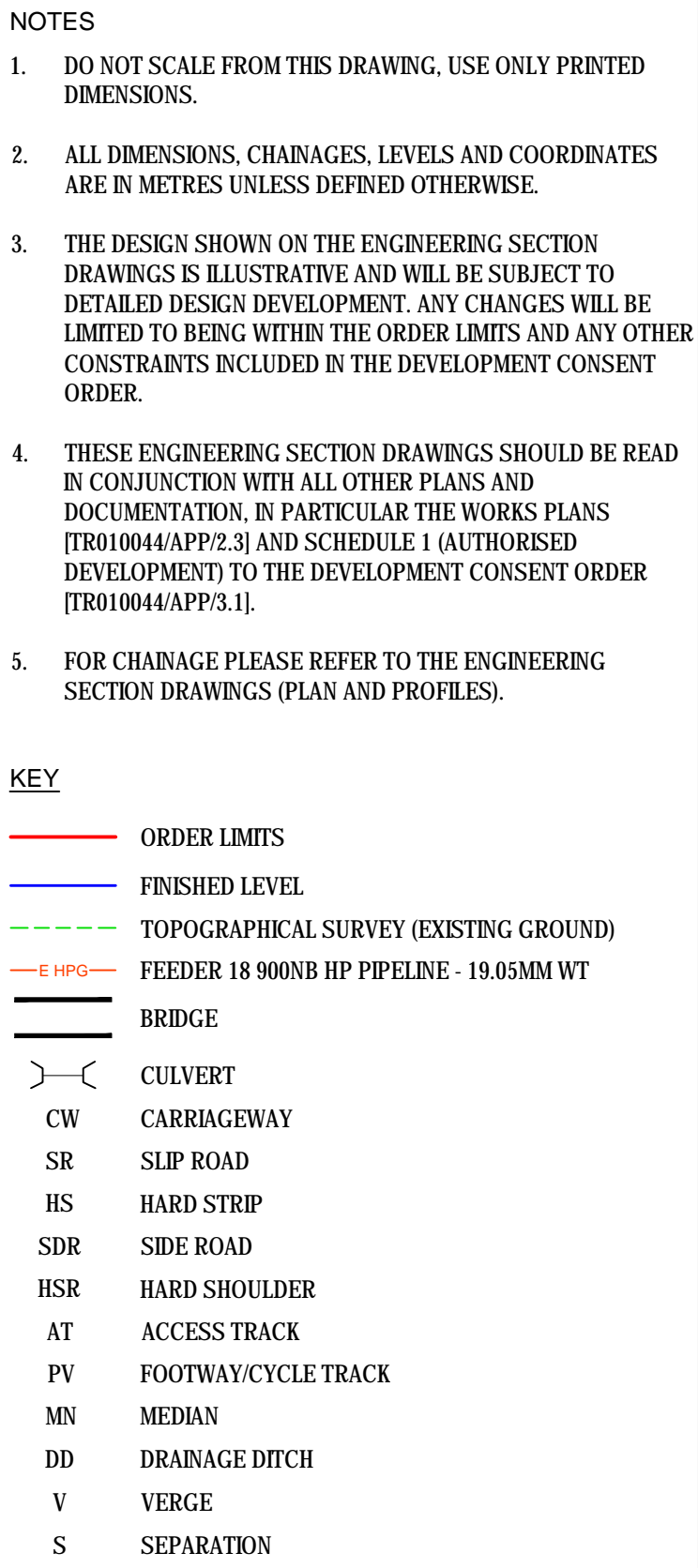


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 - FINISHED LEVEL
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 - AT ACCESS TRACK
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 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



Final for DCO Application		JB	TD	03/02/21	P04
Revision Details		By	Check	Date	Suffix
Purpose of issue					
DCO APPLICATION					
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW					
Development Consent Order Number		TR010044			
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS					
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 7					
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21	
Internal Project No. 60541541		Suitability D7			
Scale @ A1 AS SHOWN		Zone ZN1			
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Drawing Number HE551495 -ACM		Highways England PIN -LSI		Rev P04	
Location ZN1_SW_Z_ZZ		I Type -DR		I Role -DC	
				I Number -2467	



Final for DCO Application	JB TD	03/02/21	P04
Revision Details	By Check	Date	Suffix

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Project Title

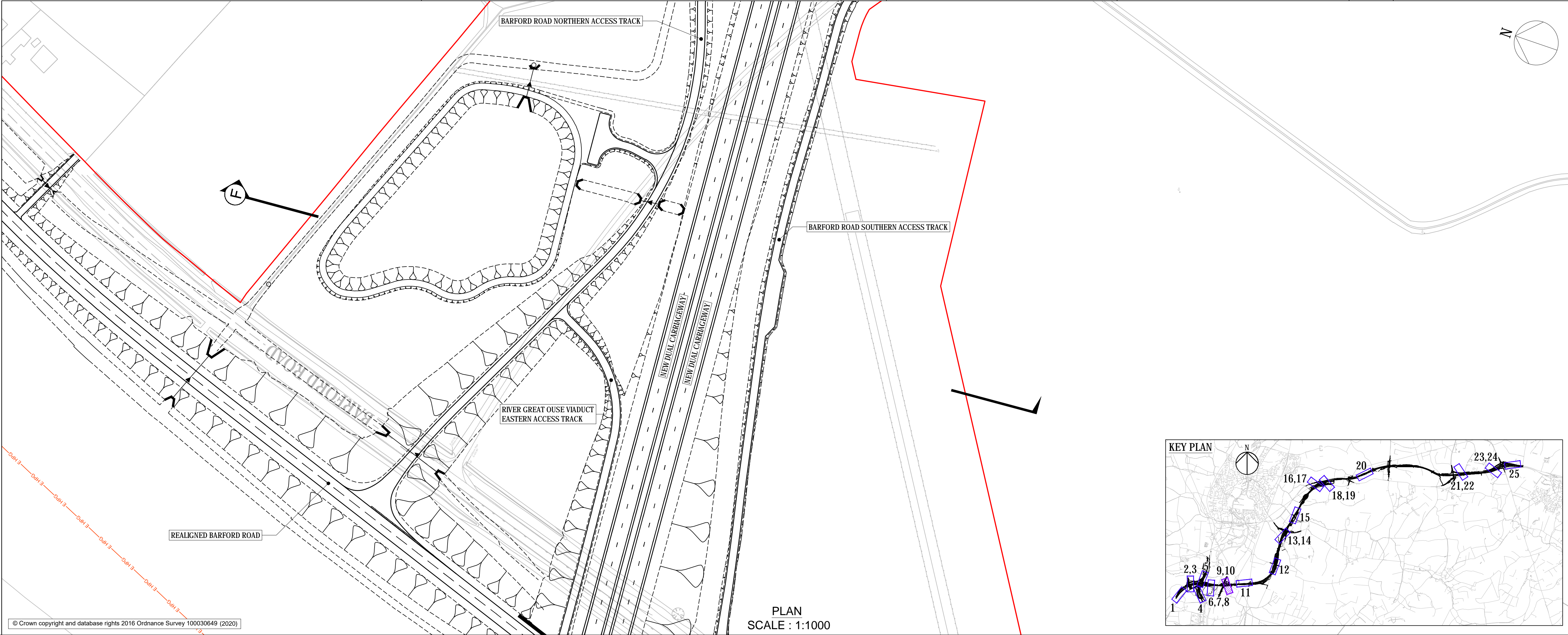
A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 8

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541			Suitability D7	
Scale @ A1 AS SHOWN			Zone ZN1	

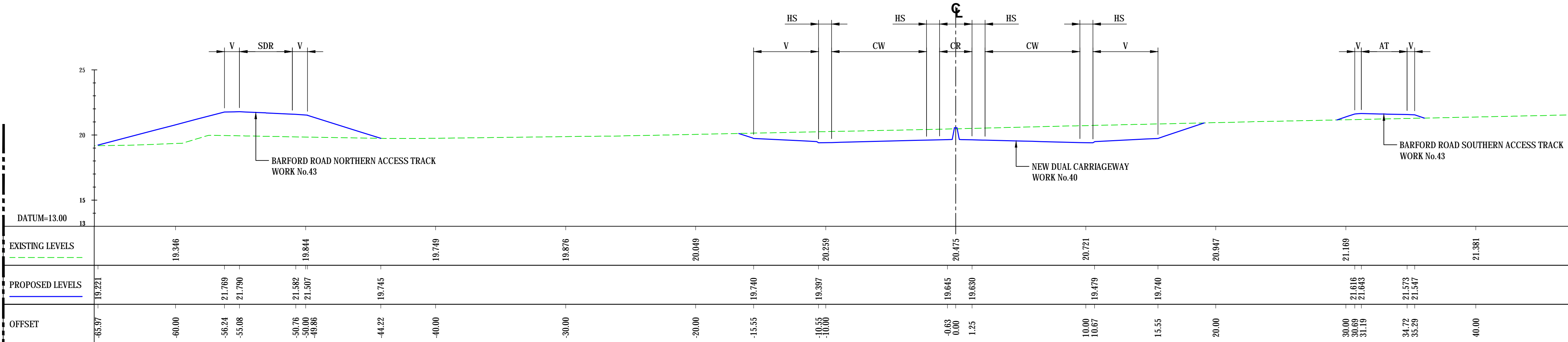
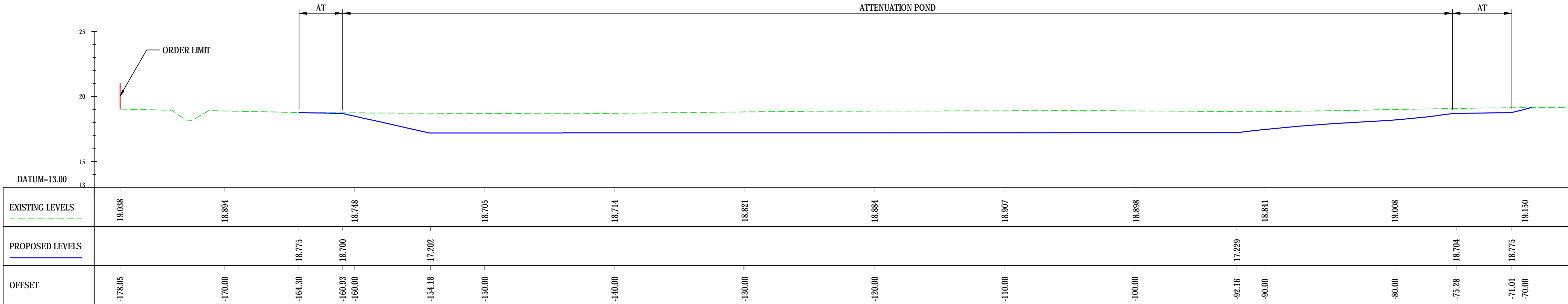
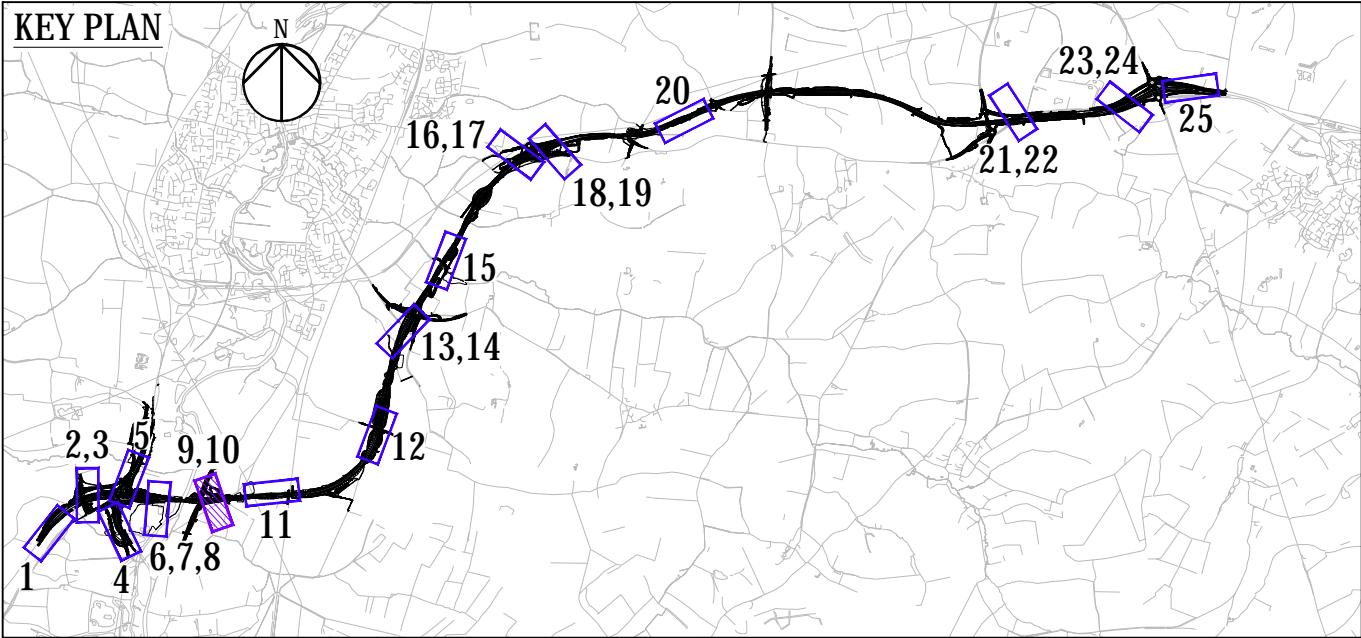
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Drawing Number			Rev
HE555 England PIN	I Originator	I Volume	P04
HE551495	-ACM	-LSI -	
ZN1_SW_Z_ZZ	-DR	-DC-2468	
Location	I Type	I Role I Number	



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- KEY
- ORDER LIMITS
 - FINISHED LEVEL
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 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
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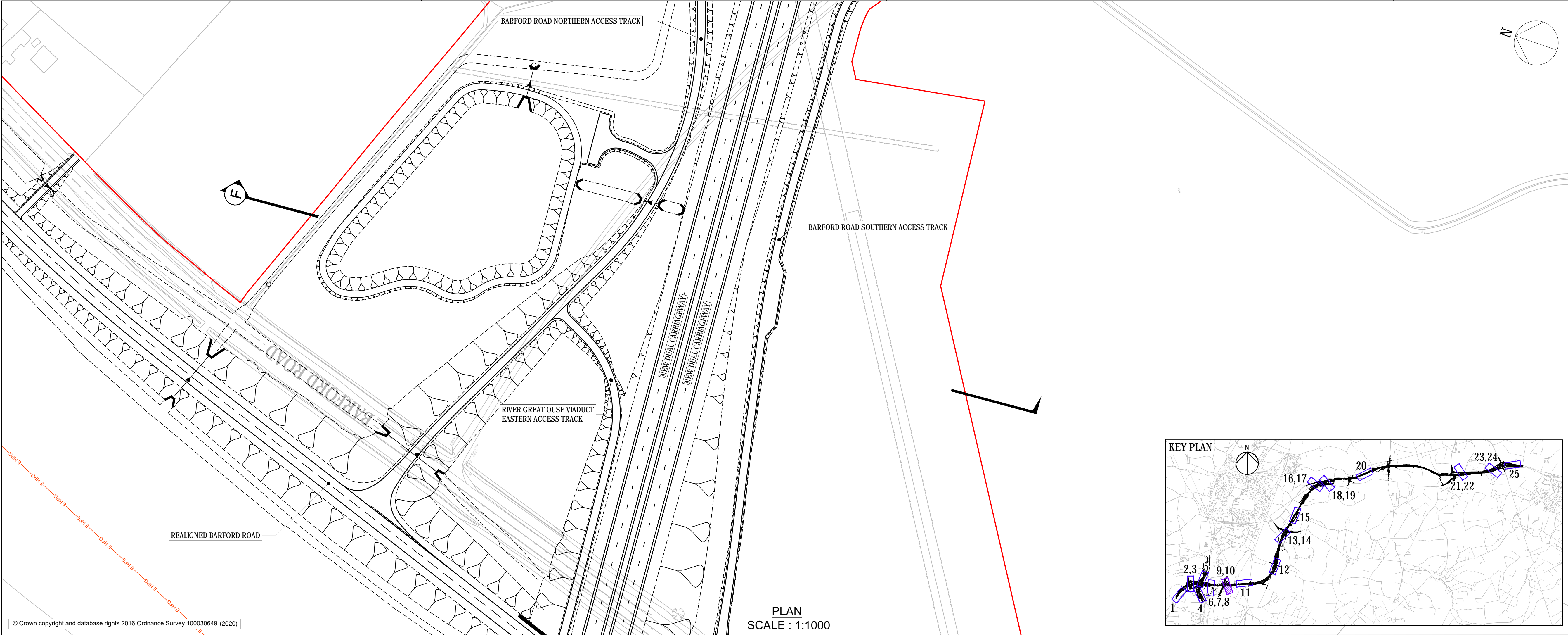


SECTION F-F, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 2841.823m

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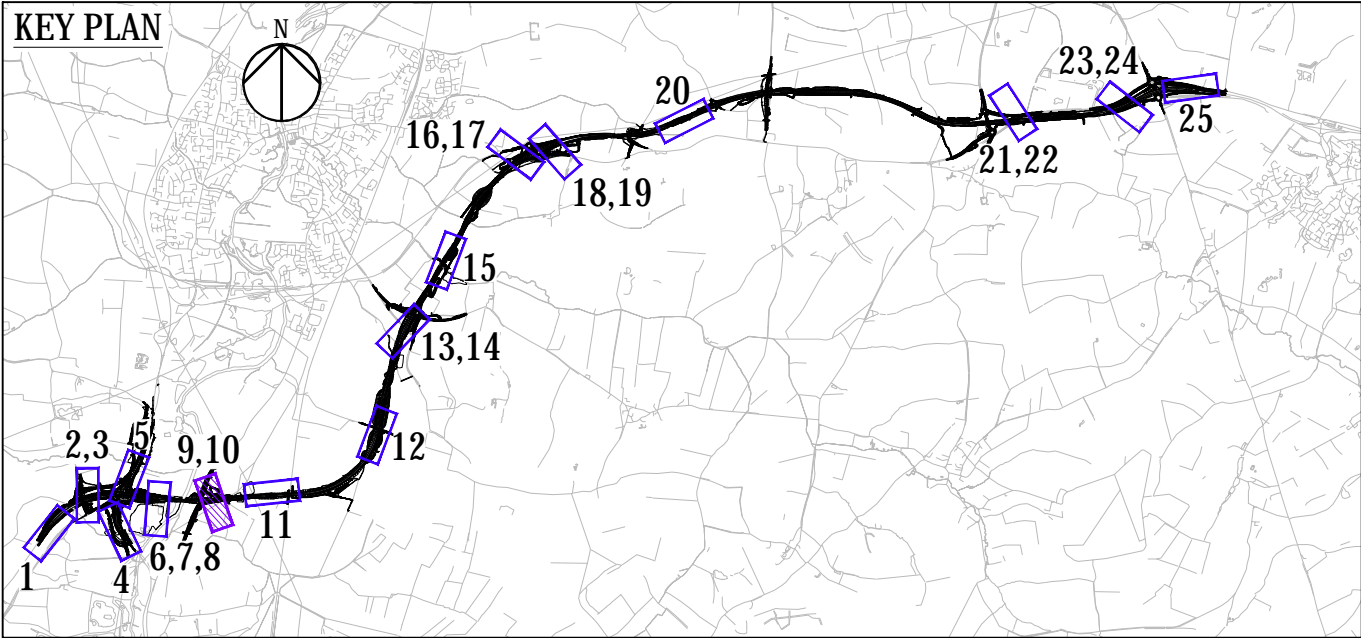
CONTINUATION - REFER TO DWG NO:2470

Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW				
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 9				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN1		
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Location ZN1_SW_Z_ZZ		1 Type -DR		1 Number -DC-2469
				Rev P04

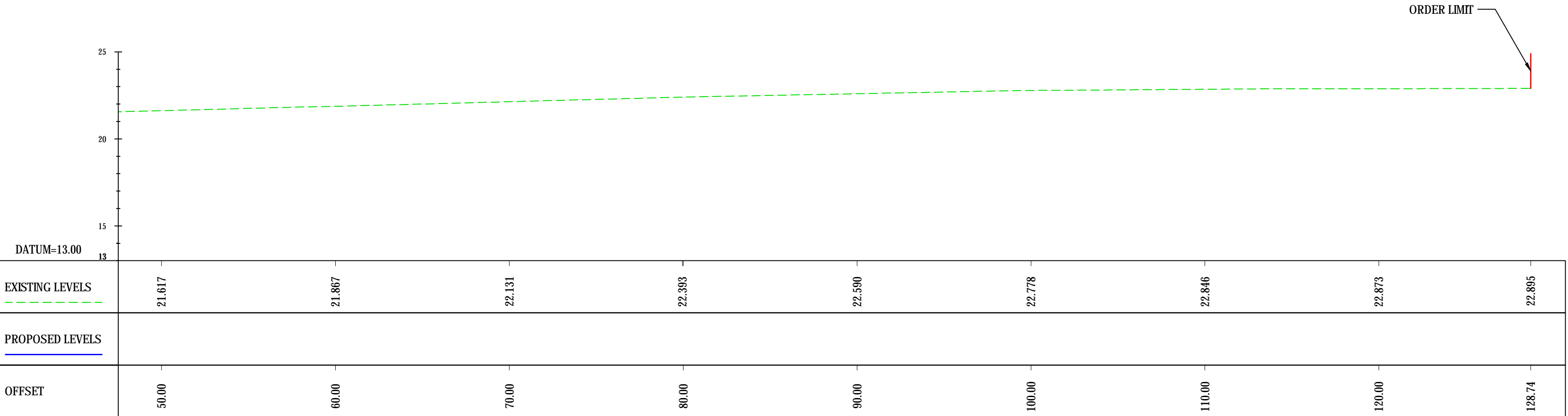


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- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CARRIAGEWAY
 - SLIP ROAD
 - HARD STRIP
 - SIDE ROAD
 - HARD SHOULDER
 - ACCESS TRACK
 - FOOTWAY/CYCLE TRACK
 - MEDIAN
 - DRAINAGE DITCH
 - VERGE
 - SEPARATION



CONTINUATION - REFER TO DWG NO:2469



SECTION F-F, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 2841.823m

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Development Consent Order Number
TR010044

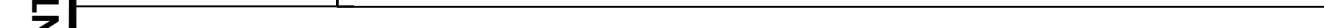
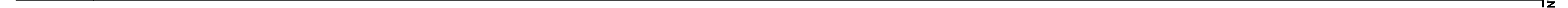
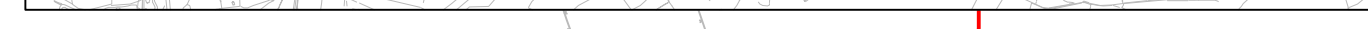
Project Title
A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

Drawing Title
ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 10

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN1		

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Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -	Rev P04
Location ZN1_SW_Z_ZZ -DR-DC-2470			1 Type 1 Role 1 Number



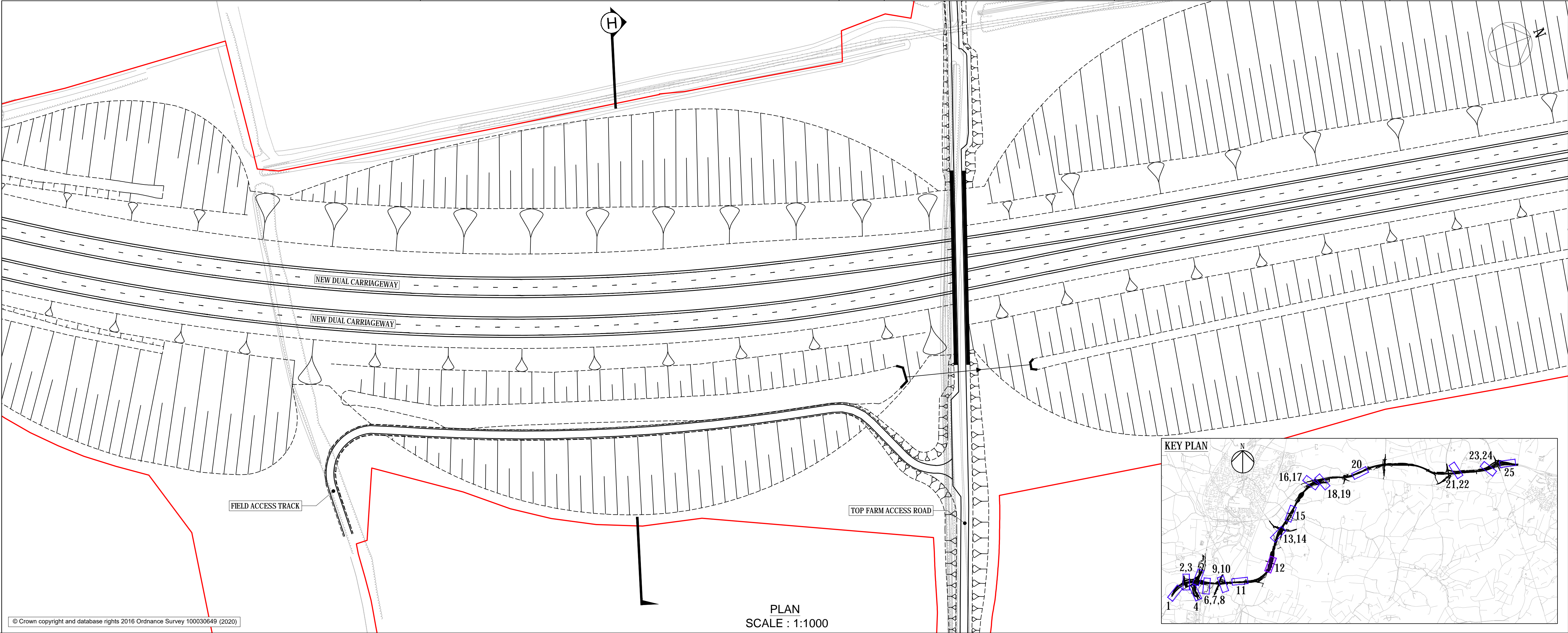
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Development Support Order Number:

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE

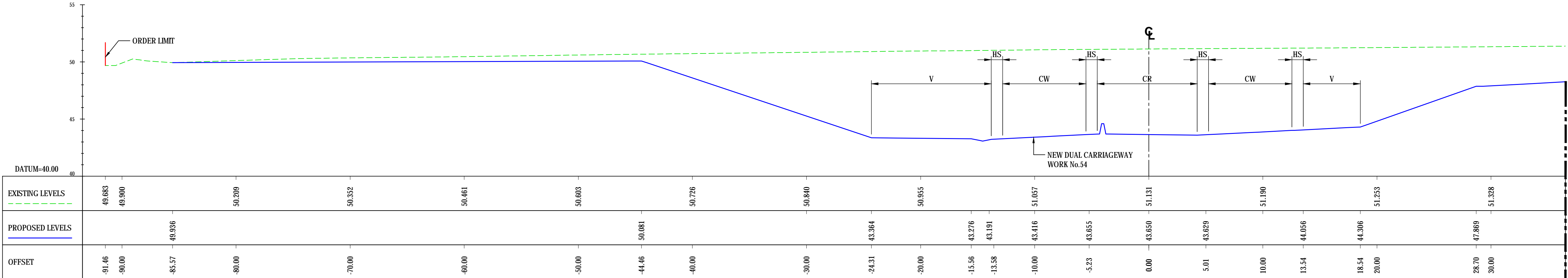
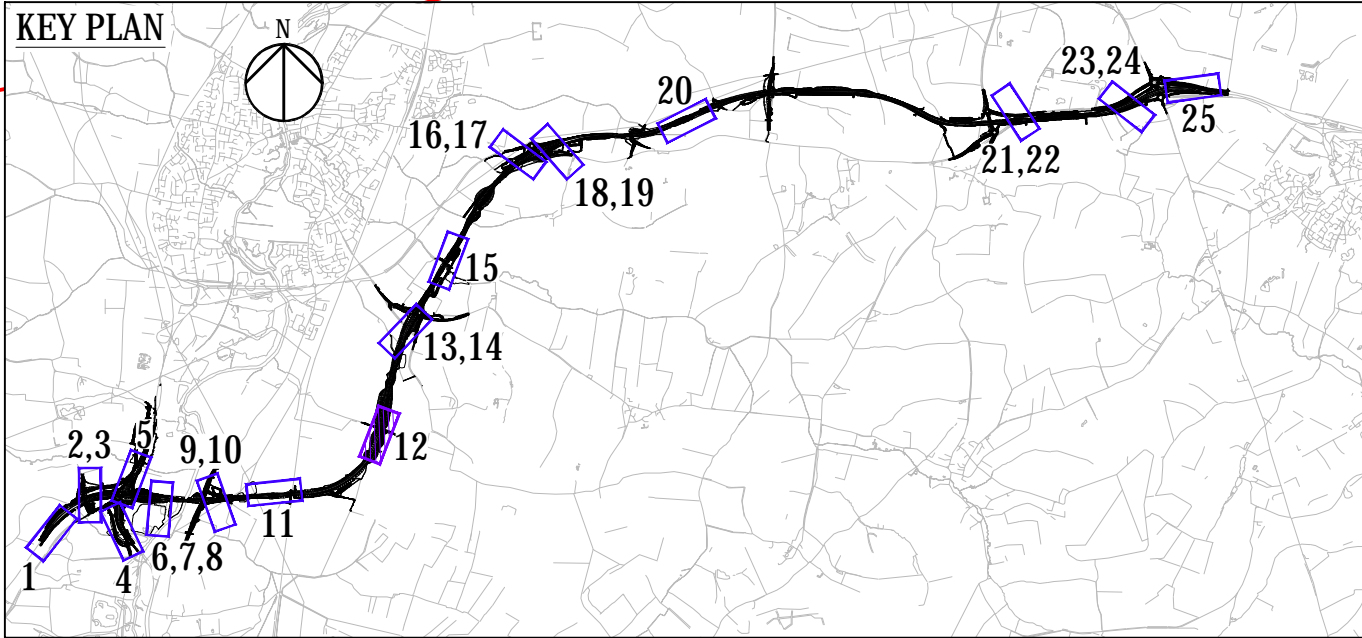
Drawing Number	Rev
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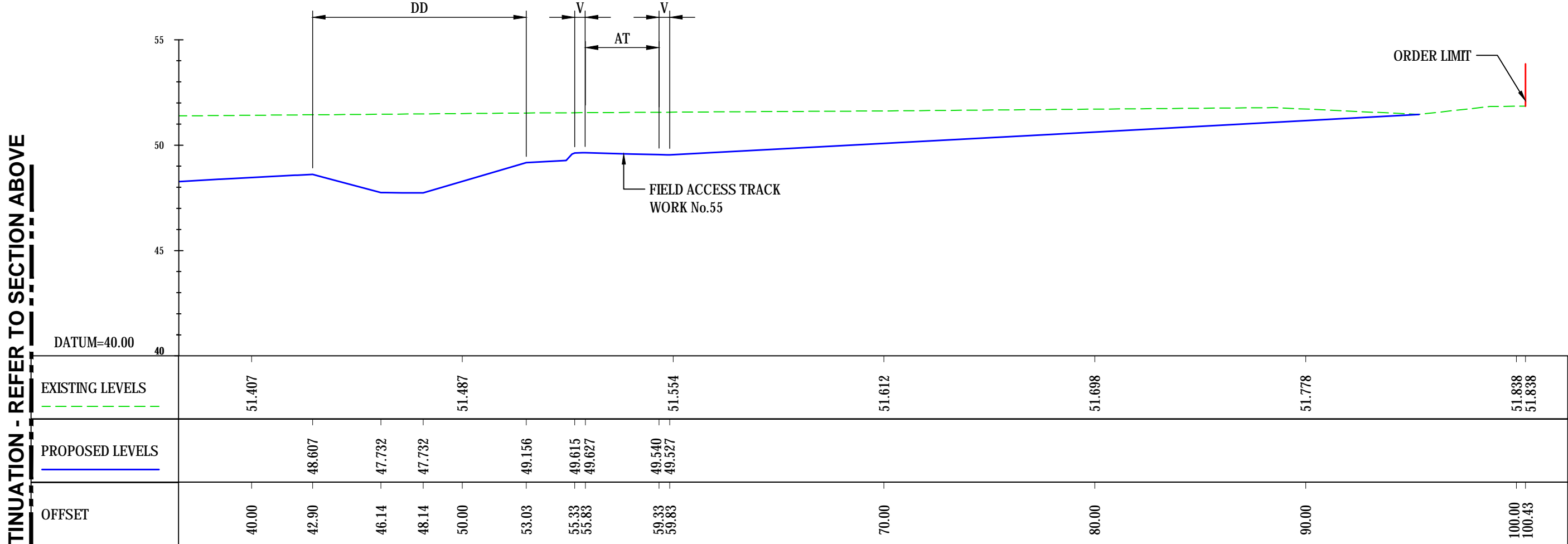


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



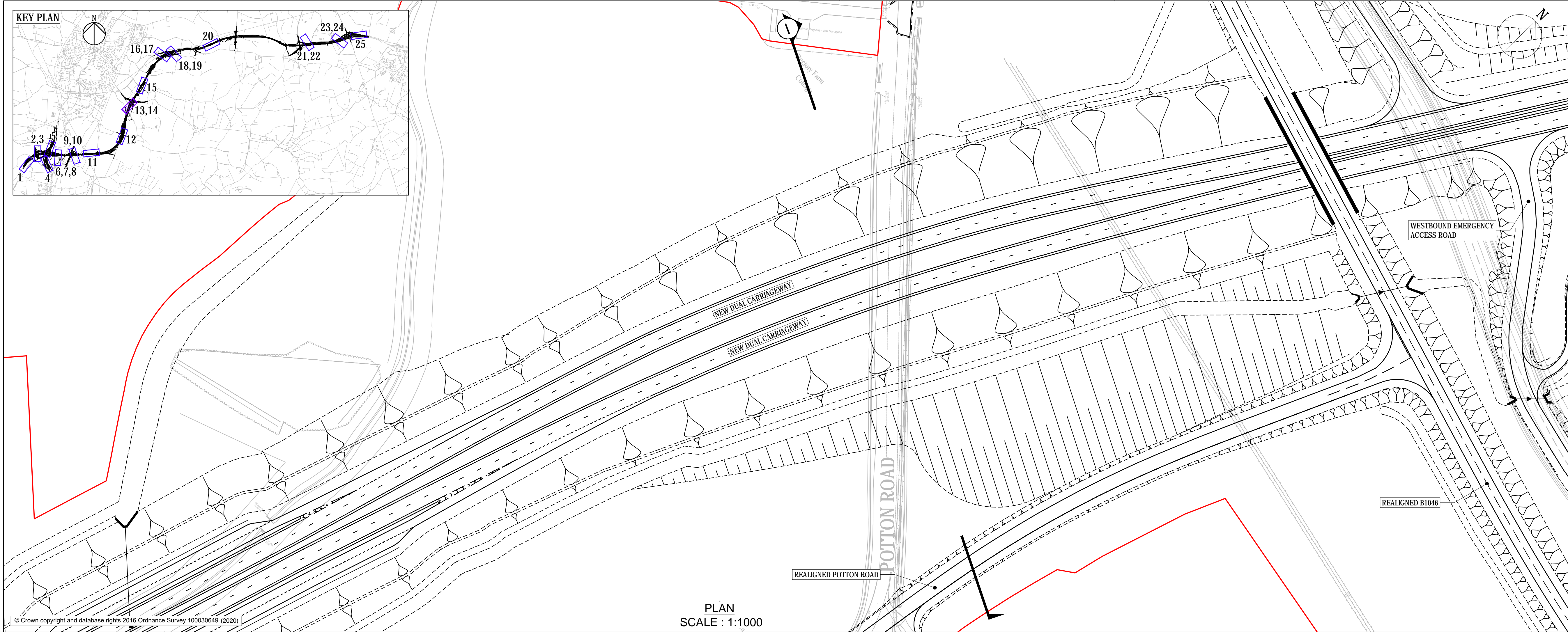
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CONTINUATION - REFER TO SECTION ABOVE

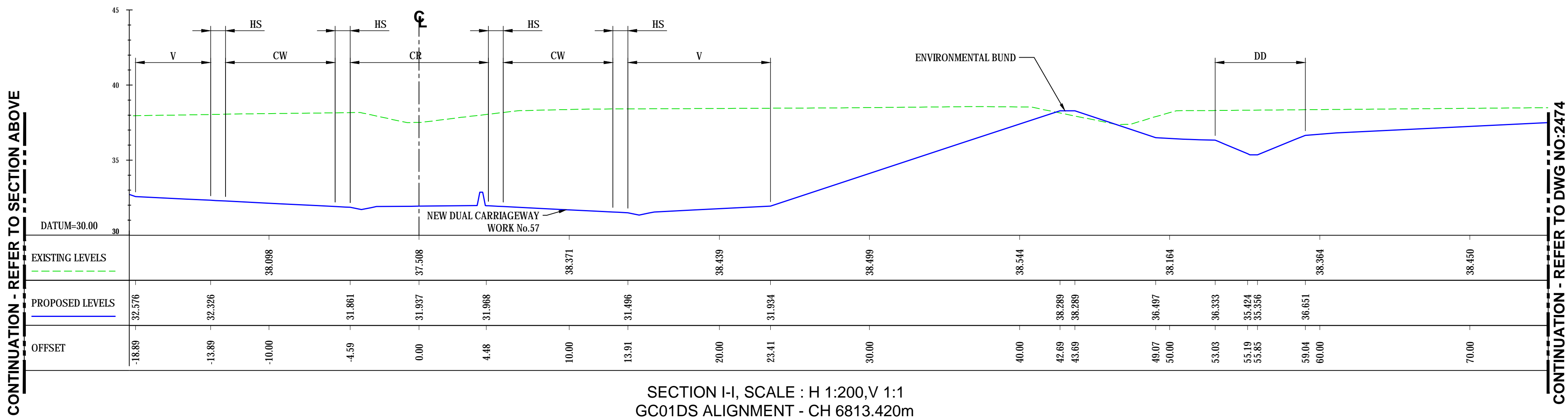
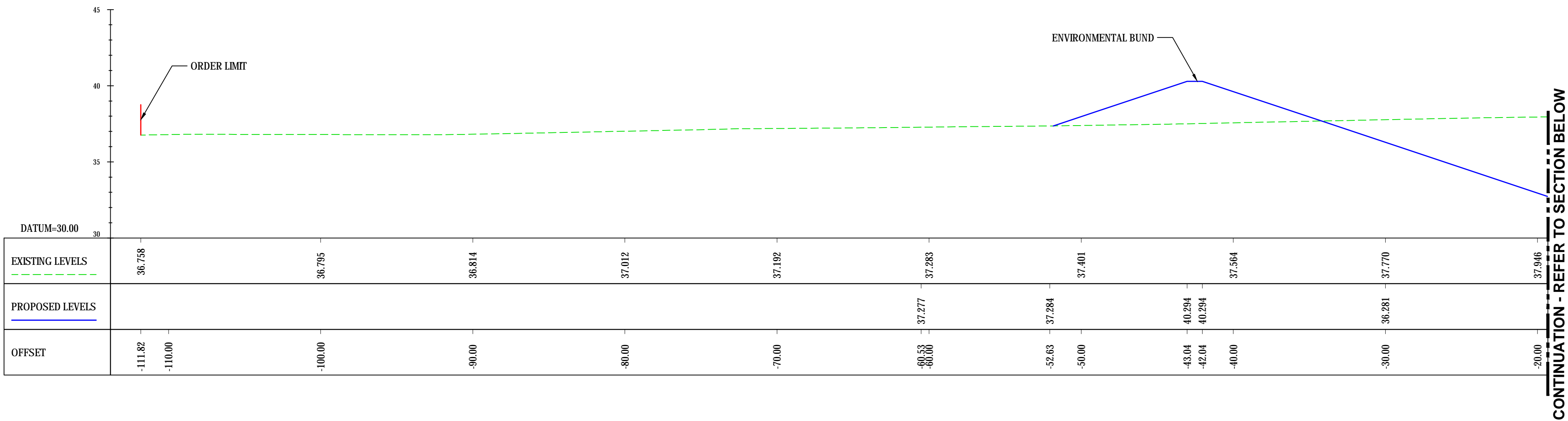
SECTION H-H, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 5287.668m

Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW		Working on behalf of highways england		
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 12				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN2		
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Drawing Number HE551495 -ACM		1 Originator -LSI -		Rev P04
Location ZN2_SW_Z_ZZ		1 Type -DR -DC-2472		1 Number

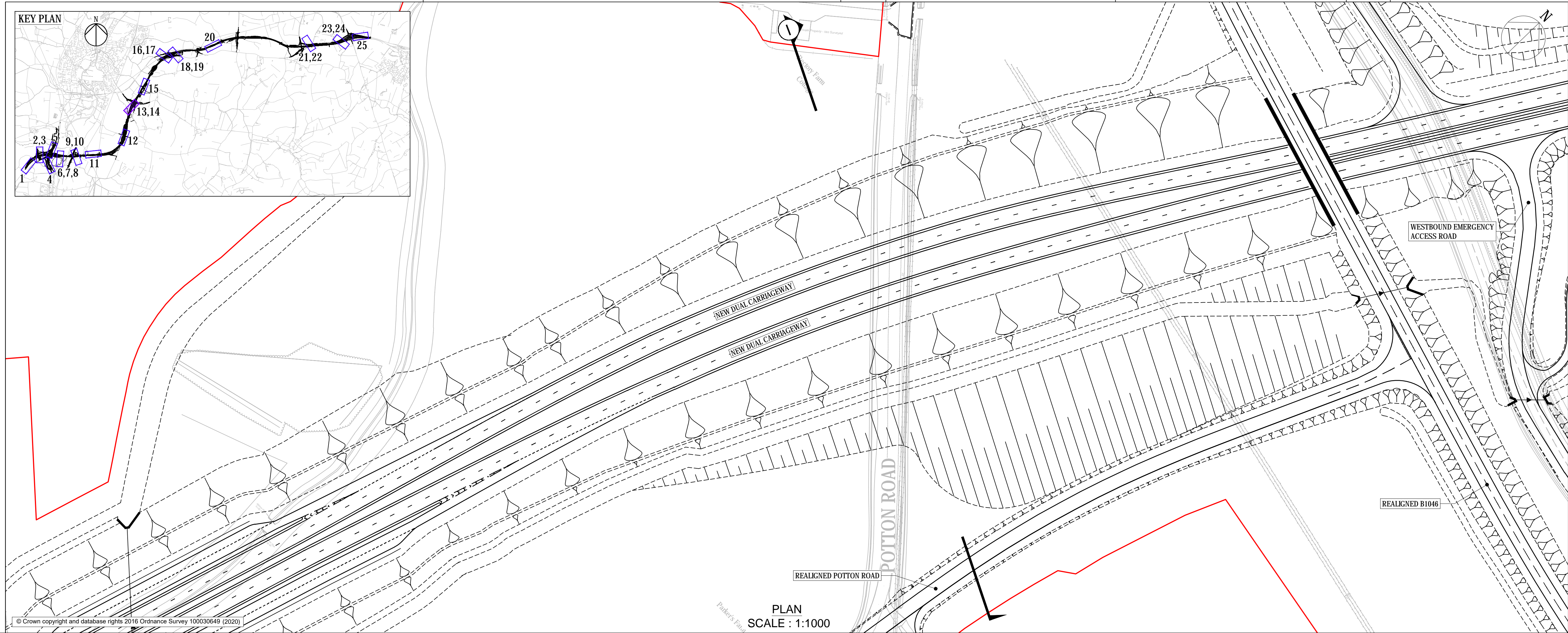
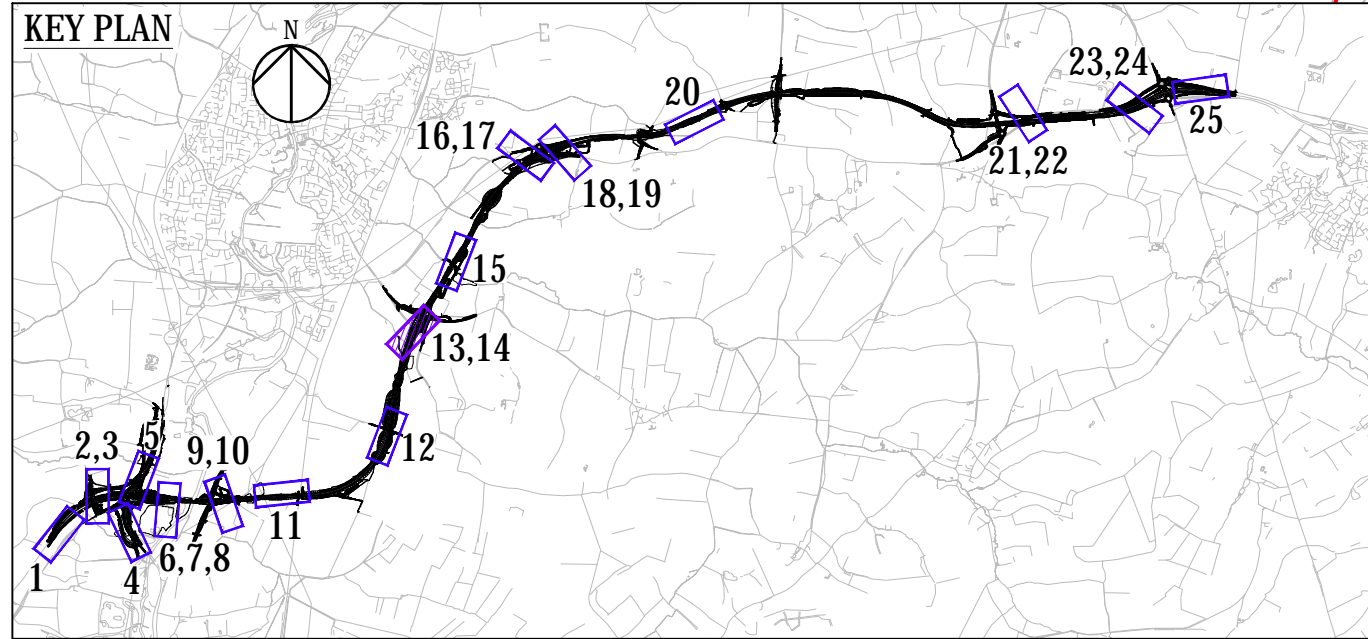


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW				
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 13				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN2		
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Drawing Number HE551495 -ACM		1 Originator -LSI -		Rev P04
Location ZN2_SW_Z_ZZ		1 Type -DR-DC-2473		1 Role 1 Number

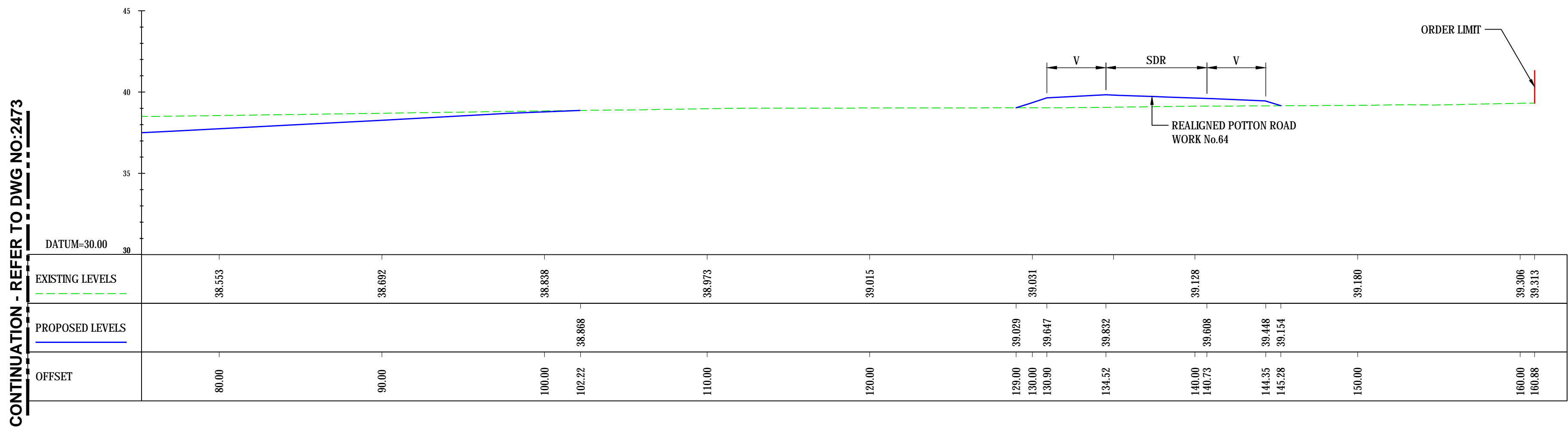


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION

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PLAN
SCALE : 1:1000



SECTION I-I, SCALE : H 1:200, V 1:1
GC01DS ALIGNMENT - CH 6813.420m

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Check	Date
Purpose of issue			Suffix

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

Drawing Title
ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 14

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
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Internal Project No.
60541541

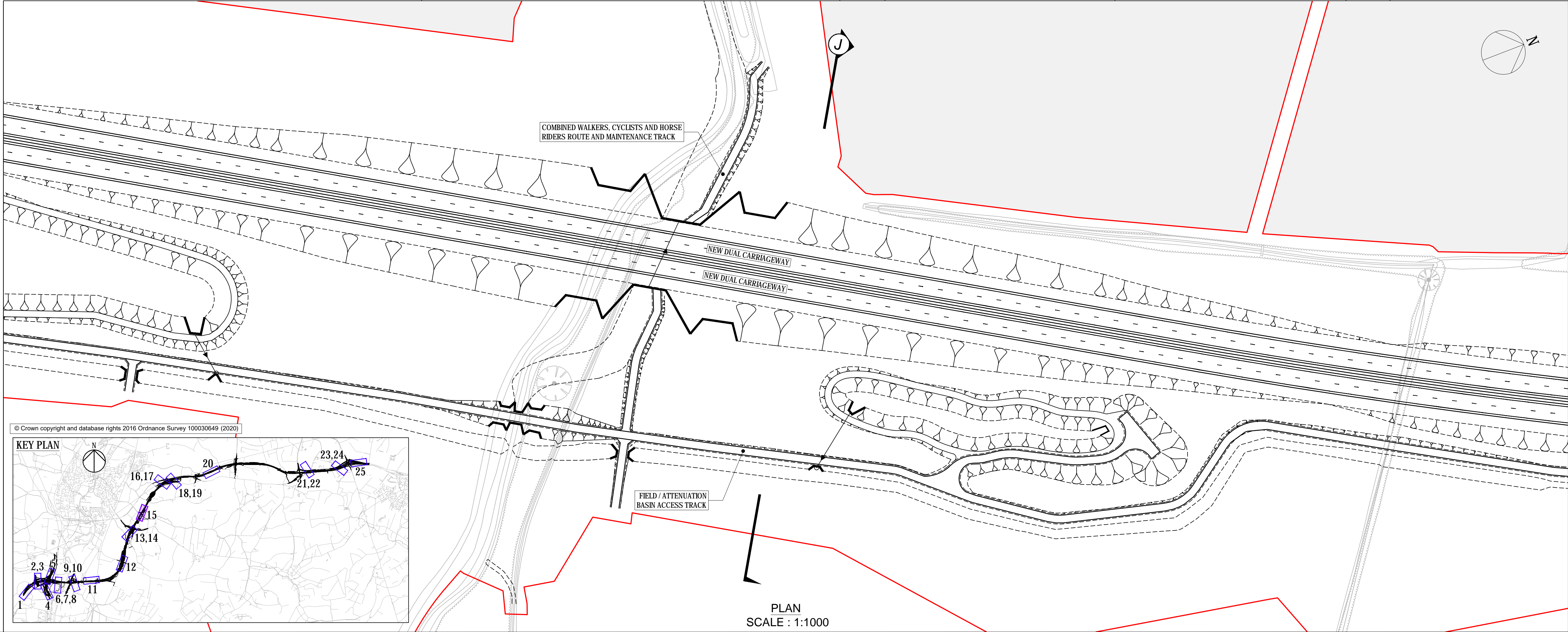
Scale @ A1
AS SHOWN

Suitability
D7

Zone
ZN2

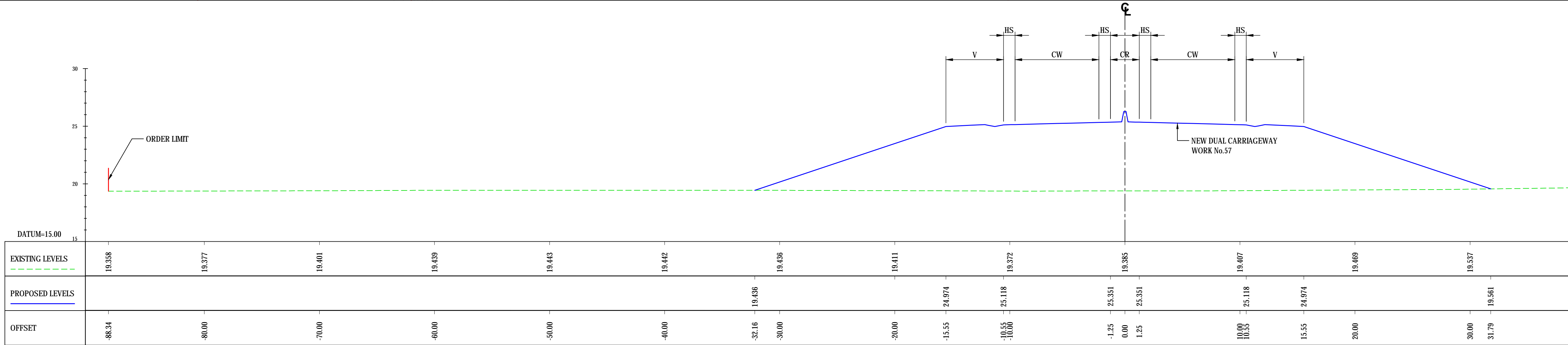
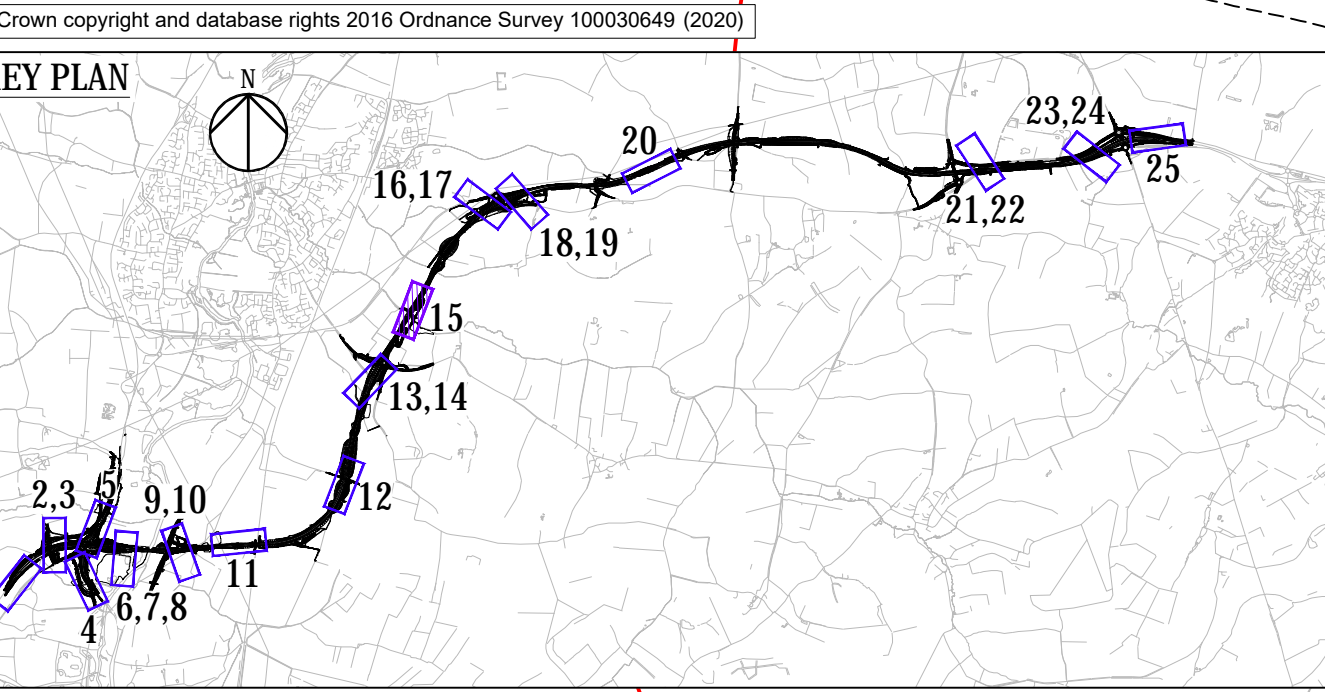
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Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -DR-DC-2474	Rev P04
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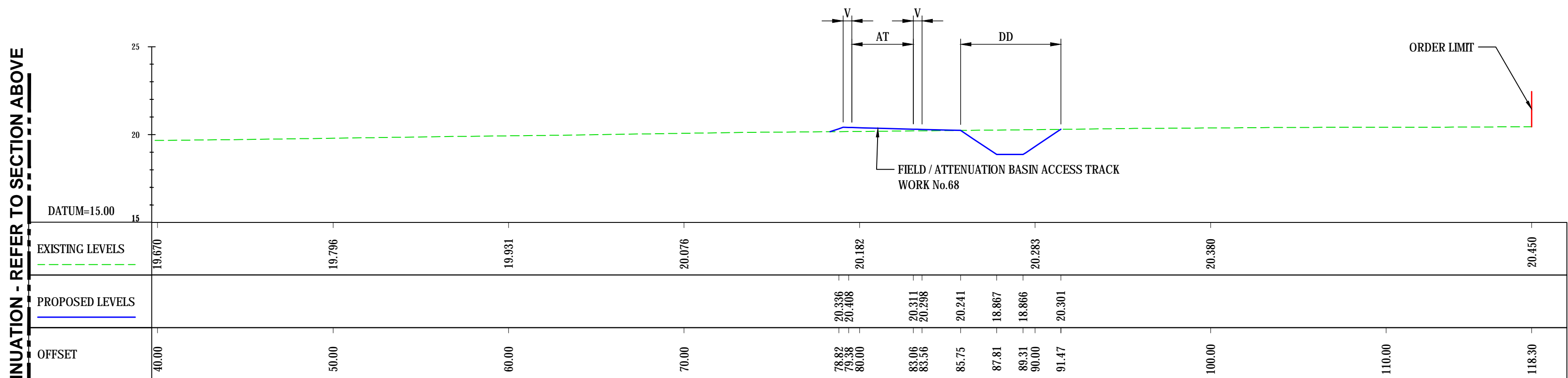


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- KEY
- ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



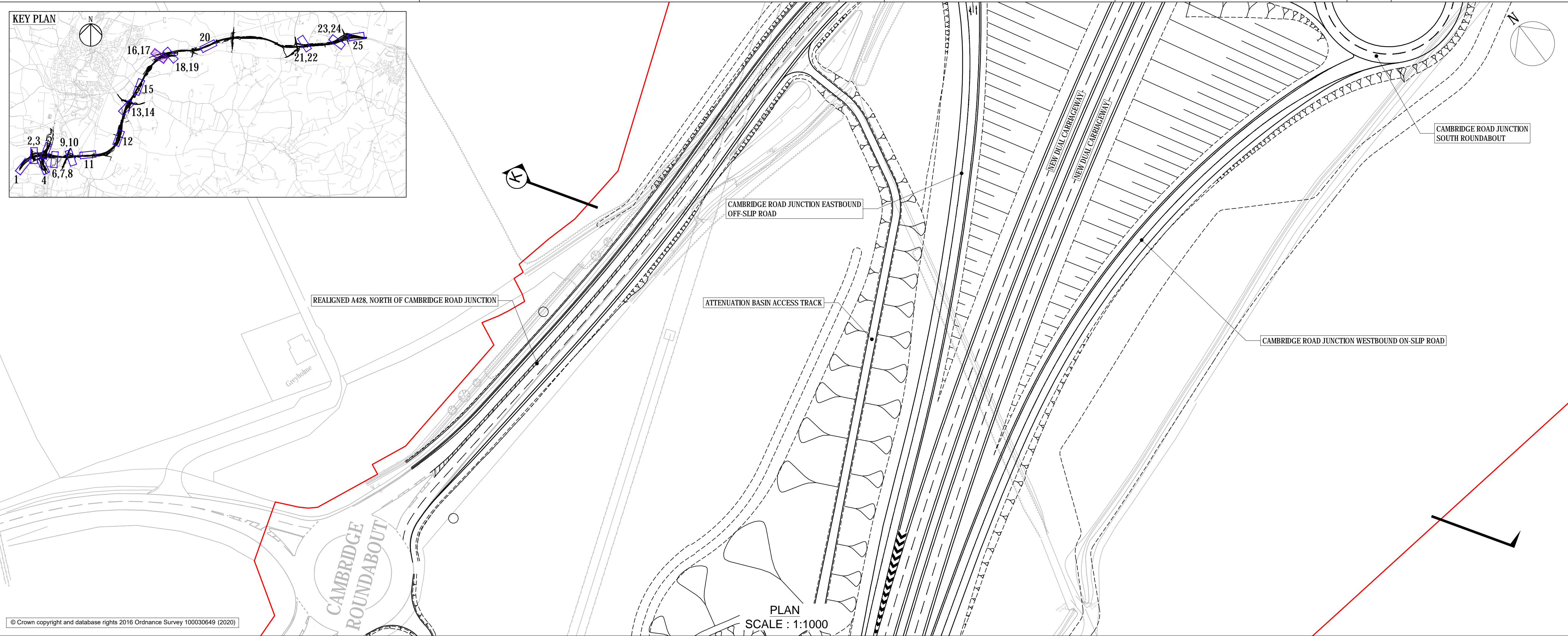
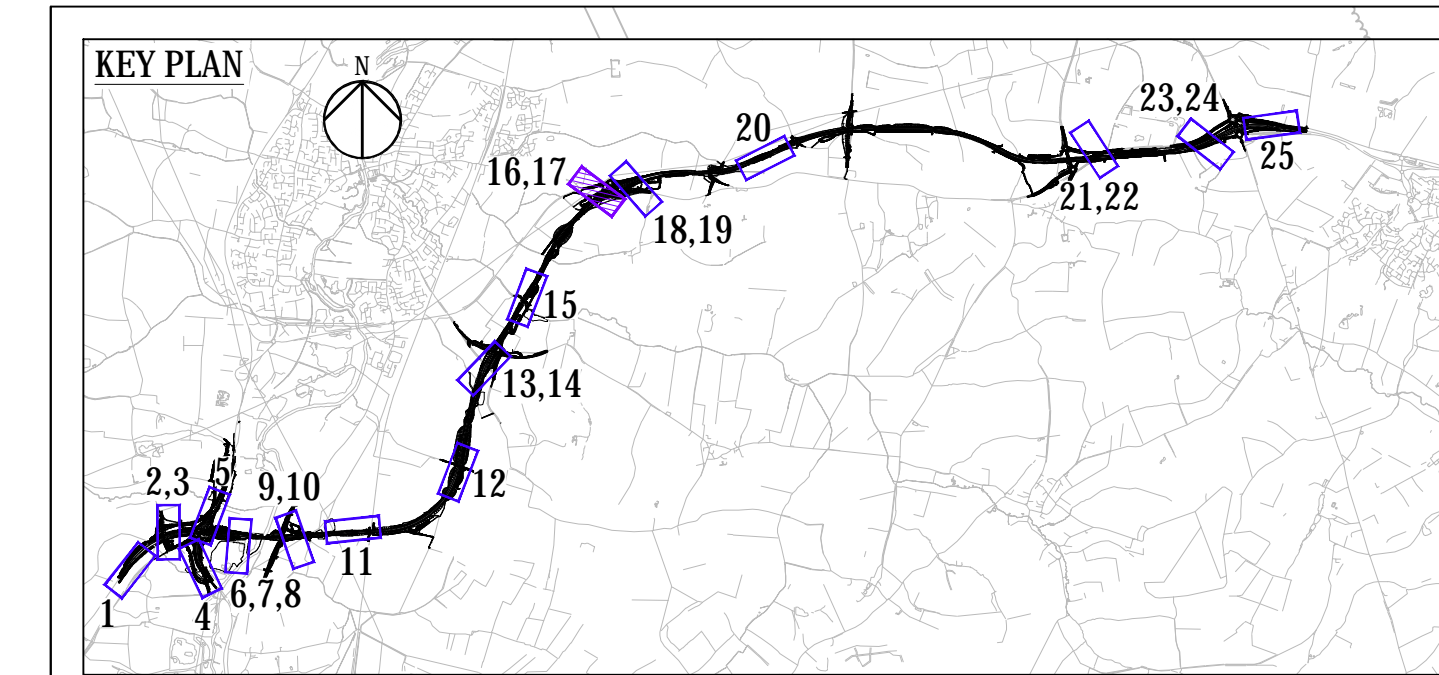
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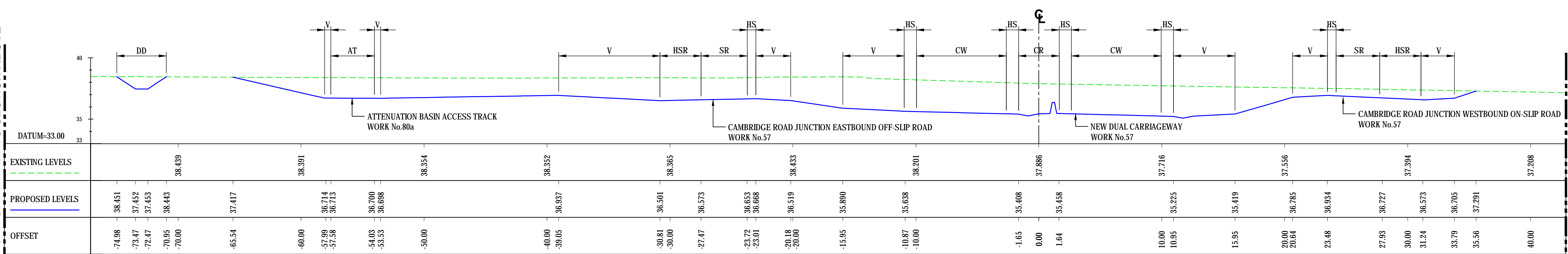
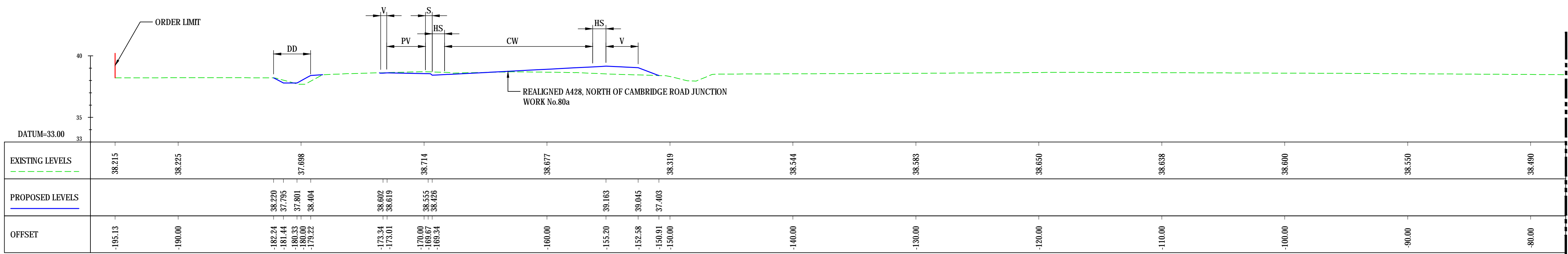
SECTION J-J, SCALE : H 1:200, V 1:1
GC01DS ALIGNMENT - CH 7863.520m

Final for DCO Application		JB	TD	03/02/21	P04
Revision Details		By	Check	Date	Suffix
Purpose of issue					
DCO APPLICATION					
Client		Working on behalf of			
Highways England		highways england			
Woodlands					
Manton Lane					
Manton Industrial Estate					
Bedford					
MK41 7LW					
Development Consent Order Number		TR010044			
Project Title		A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS			
Drawing Title		ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 15			
Designed	Drawn	Checked	Approved	Date	
GH	JB	JMW	TD	03/02/21	
Internal Project No.		Suitability			
60541541		D7			
Scale @ A1		Zone			
AS SHOWN		ZN2			
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Drawing Number		1 Originator		1 Volume	
HE551495 -ACM		-LSI		P04	
ZN2_SW_Z_ZZ		-DR-DC-2475			
Location		1 Type		1 Role	



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- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



SECTION K-K, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 9540.769m

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of
highways england

Development Consent Order Number
TR010044

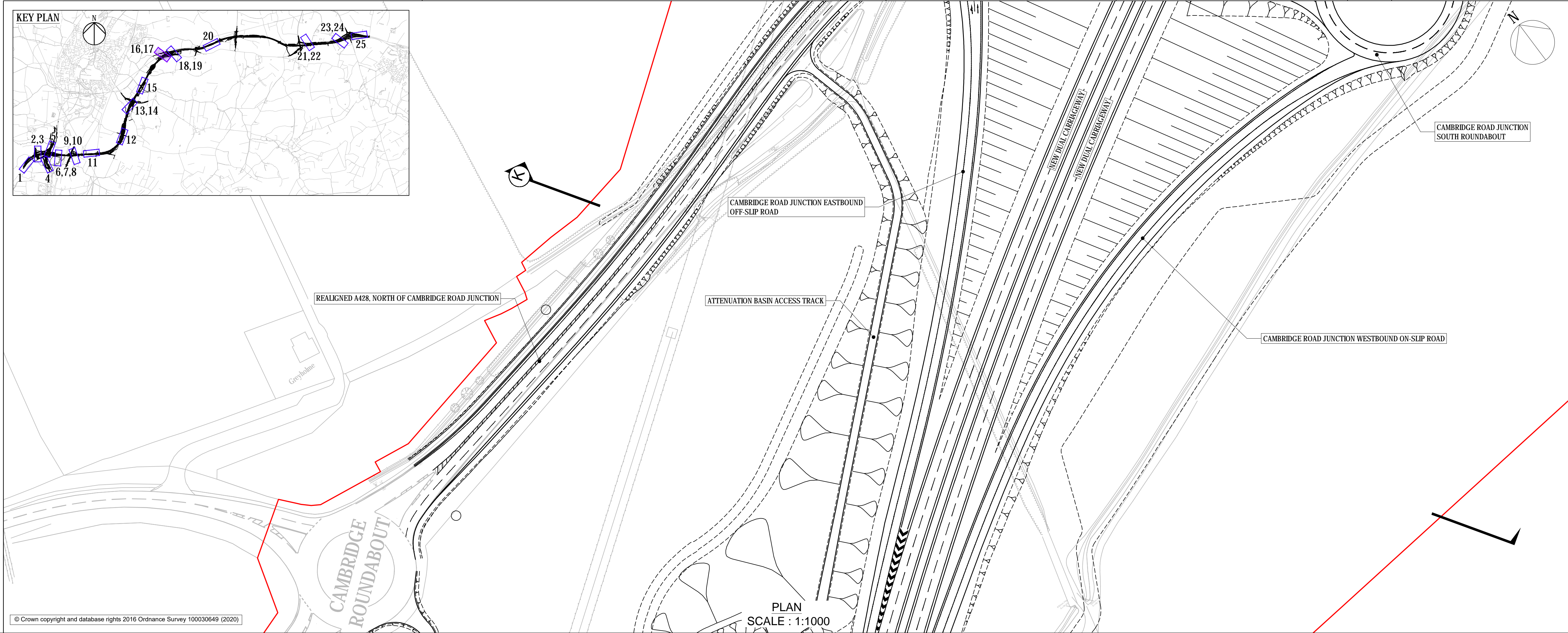
Project Title
A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

Drawing Title
ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 16

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541	Suitability D7			
Scale @ A1 AS SHOWN	Zone ZN3			

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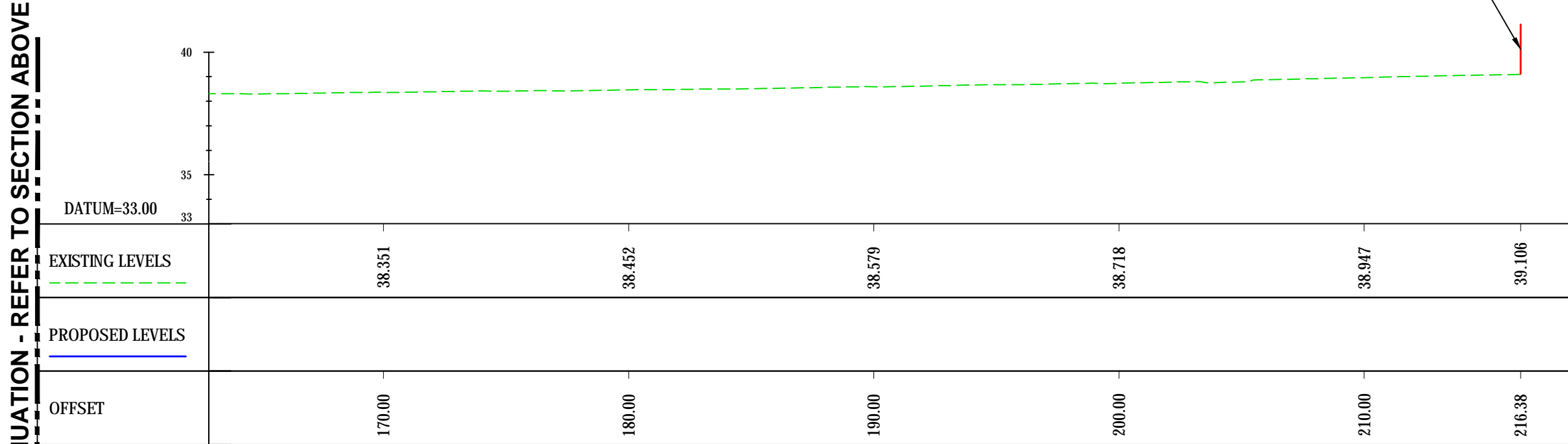
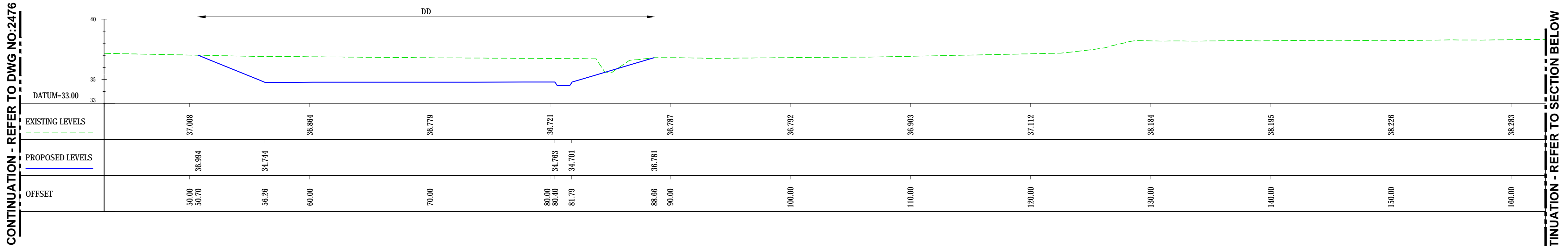
Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -DR-DC-2476	Rev P04
Location ZN3_SW_Z_ZZ	1 Type 1 Role	1 Number	



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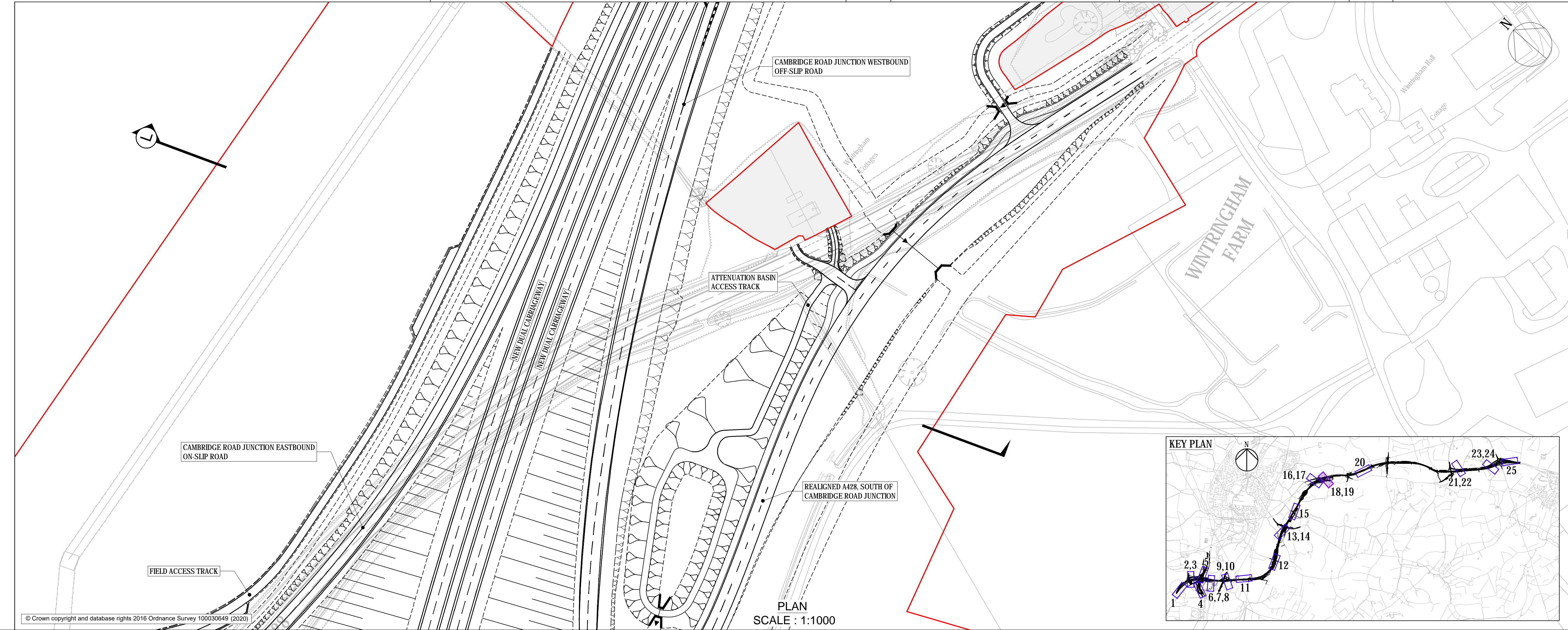
KEY

	ORDER LIMITS
	FINISHED LEVEL
	TOPOGRAPHICAL SURVEY (EXISTING GROUND)
	FEEDER 18 900NB HP PIPELINE - 19.05MM WT
	BRIDGE
	CULVERT
	CARRIAGEWAY
	SLIP ROAD
	HARD STRIP
	SIDE ROAD
	HARD SHOULDER
	ACCESS TRACK
	FOOTWAY/CYCLE TRACK
	MEDIAN
	DRAINAGE DITCH
	VERGE
	SEPARATION



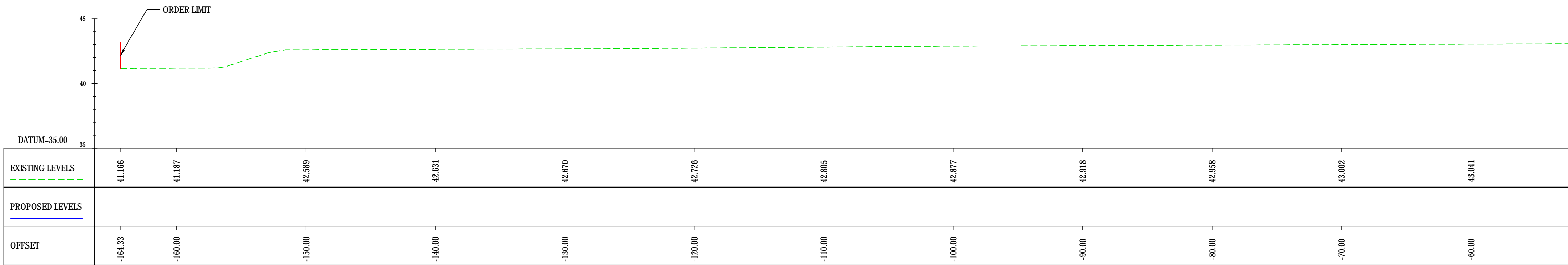
SECTION K-K, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 9540.769m

Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW				
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 17				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN3		
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Drawing Number HE551495 -ACM		1 Originator -LSI -		Rev P04
Location ZN3_SW_Z_ZZ		1 Type -DR -DC-2477		1 Number

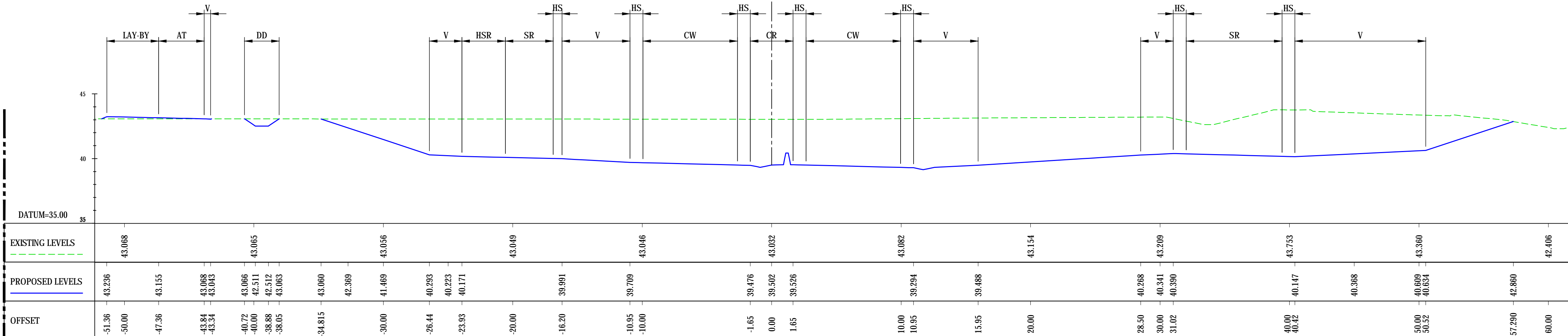


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



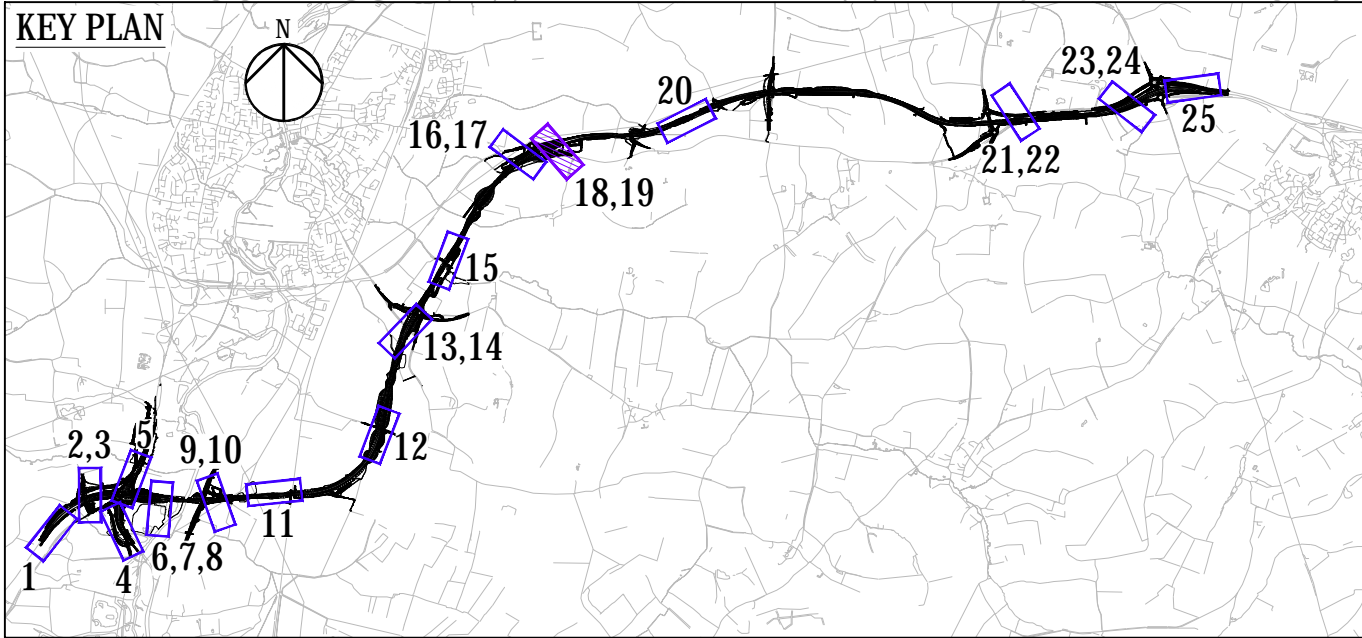
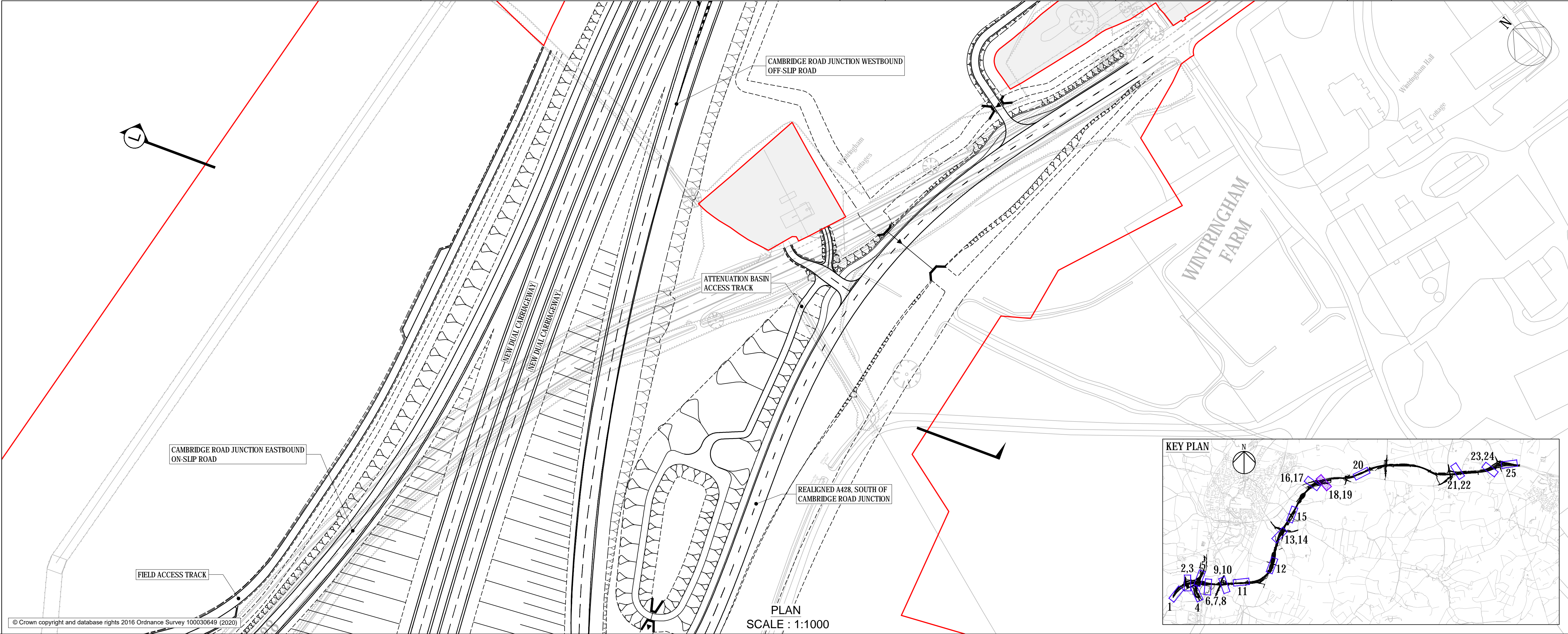
CONTINUATION - REFER TO SECTION BELOW



CONTINUATION - REFER TO DWG NO:2479

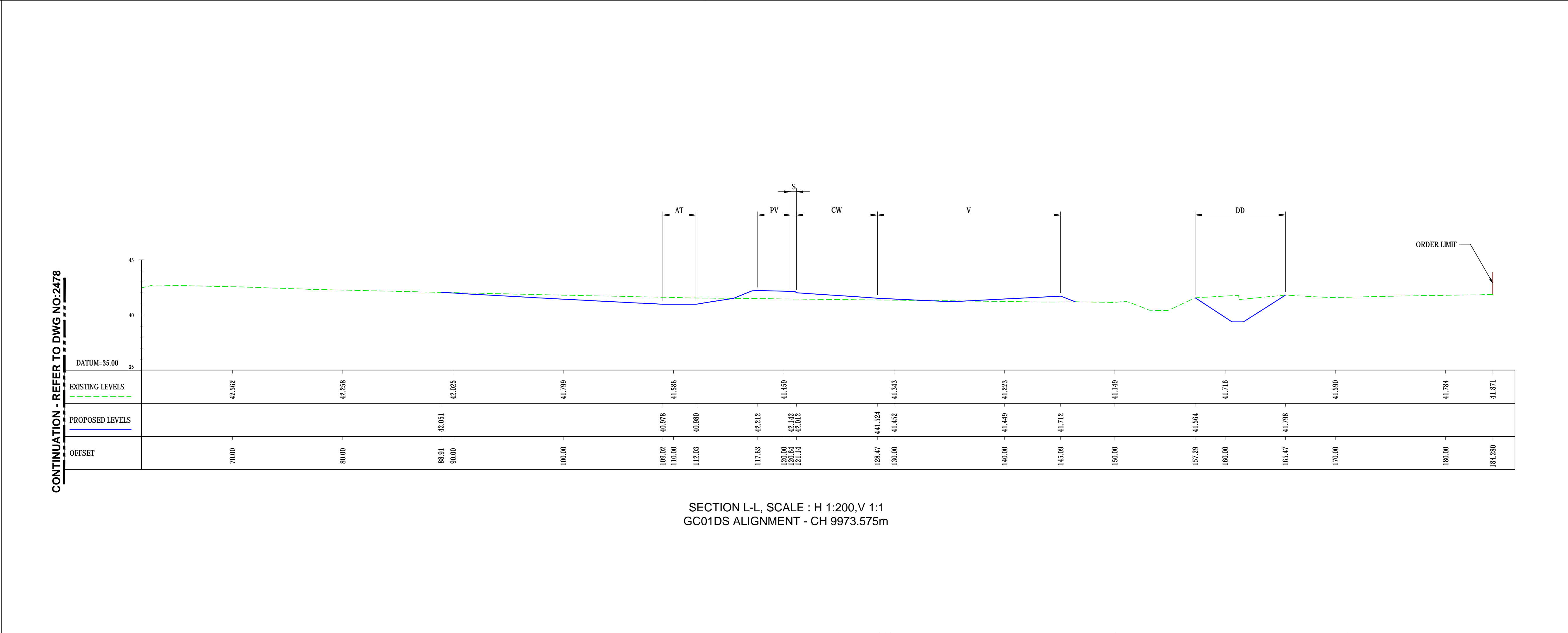
SECTION L-L, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 9973.575m

Final for DCO Application		JB	TD	03/02/21	P04
Revision Details		By	Check	Date	Suffix
Purpose of issue					
DCO APPLICATION					
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW					
Development Consent Order Number TR010044					
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS					
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 18					
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21	
Internal Project No. 60541541		Suitability D7			
Scale @ A1 AS SHOWN		Zone ZN3			
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Drawing Number HE551495 -ACM		Highways England PIN -LSI -		Rev P04	
Location ZN3_SW_Z_ZZ		I Type -DR-DC-2478		I Volume 1	

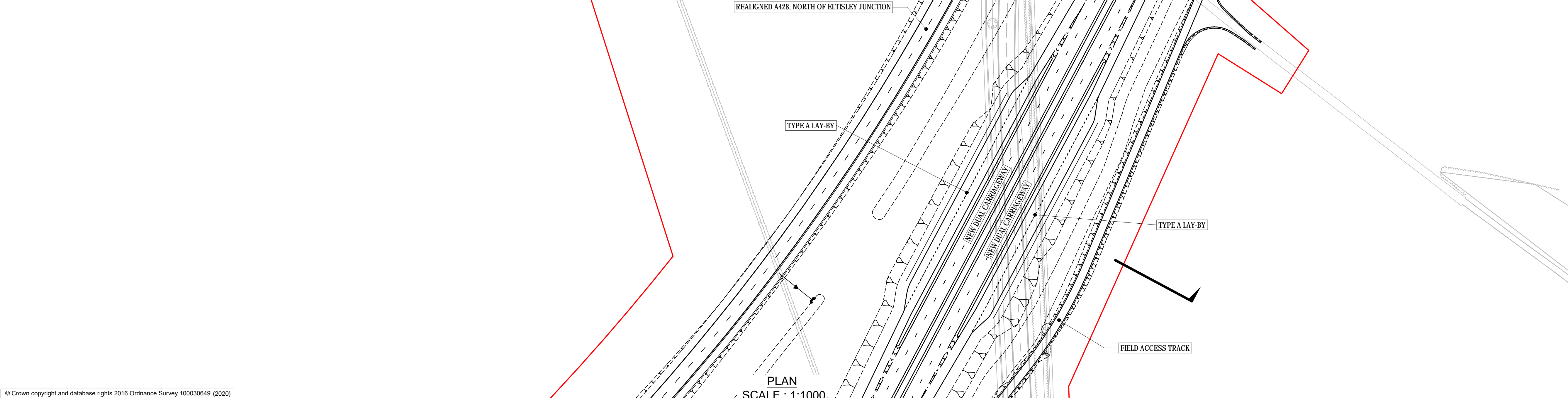
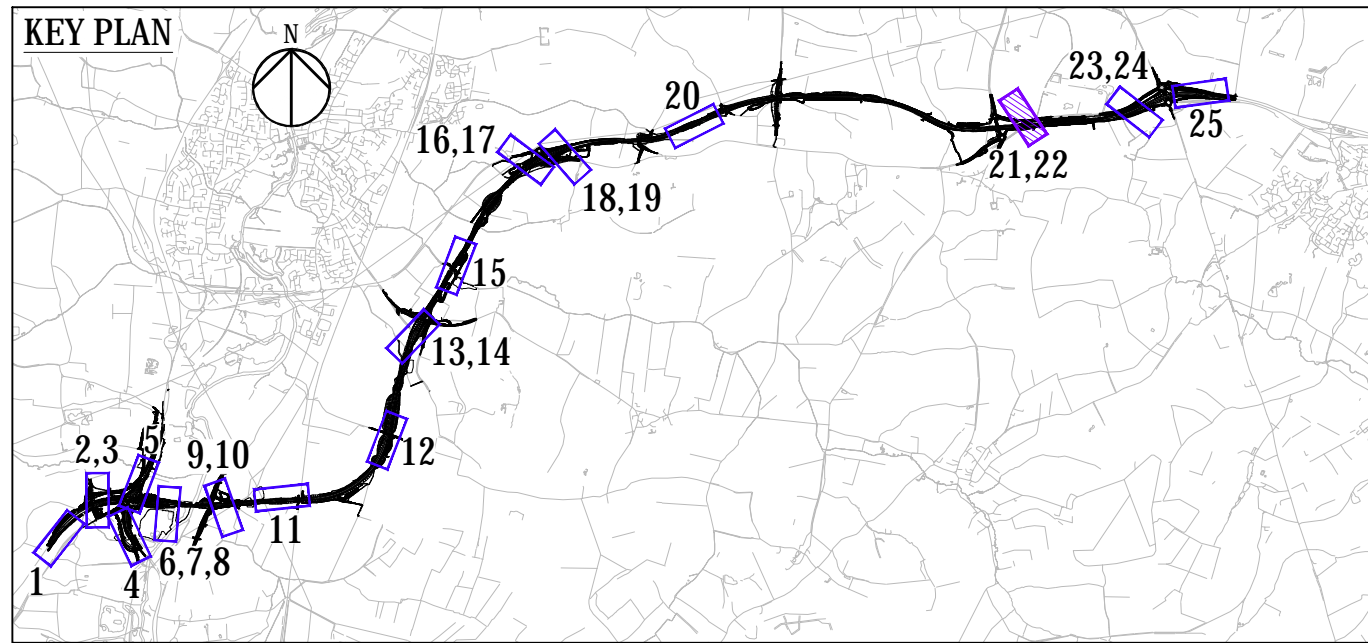


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION

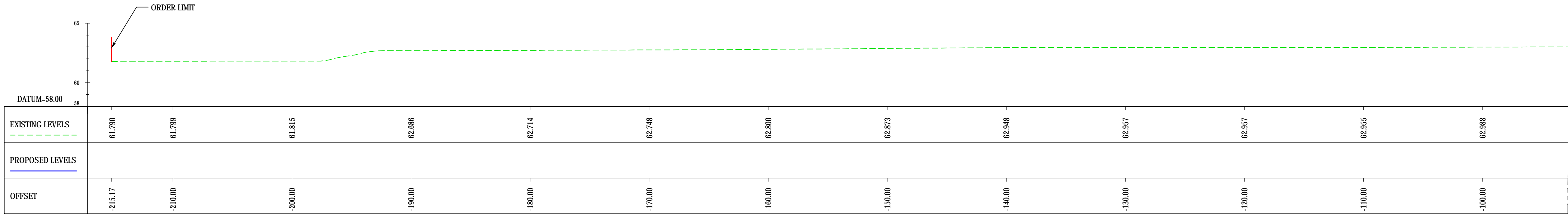


Final for DCO Application	JB	TD	03/02/21	P04
Revision Details	By	Check	Date	Suffix
Purpose of issue				
DCO APPLICATION				
Client Highways England Woodlands Manton Lane Manton Industrial Estate Bedford MK41 7LW				
Development Consent Order Number TR010044				
Project Title A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS				
Drawing Title ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 19				
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN3		
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Drawing Number HE551495 -ACM		1 Originator -LSI -		Rev P04
Location ZN3_SW_Z_ZZ		1 Type -DR -DC-2479		1 Role 1 Number

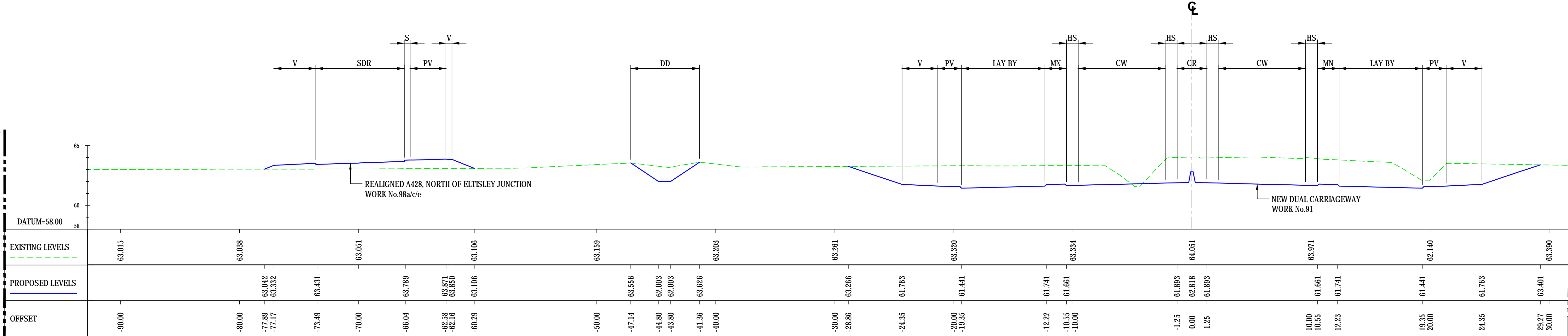


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION



CONTINUATION - REFER TO SECTION BELOW



CONTINUATION - REFER TO DWG NO:2482

CONTINUATION - REFER TO SECTION ABOVE

SECTION N-N, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 16276.22m

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Check	Date

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW



Development Consent Order Number
TR010044

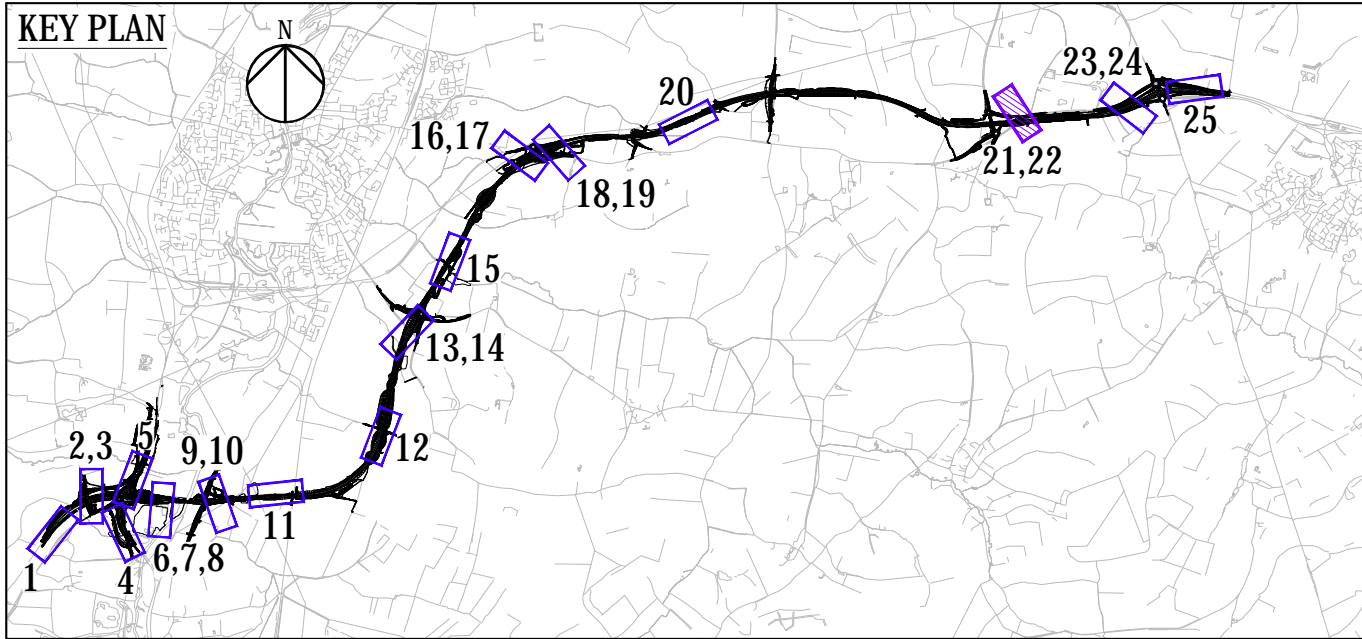
Project Title
A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title
ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 21

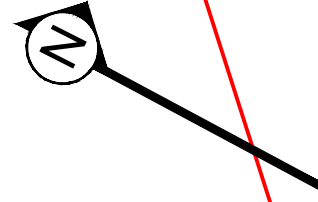
Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
Internal Project No. 60541541		Suitability D7		
Scale @ A1 AS SHOWN		Zone ZN4		

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Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -DR-DC-2481	Rev P04
Location ZN4_SW_Z_ZZ	1 Type 1 Role	1 Number	



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REALIGNED A428, NORTH OF ELTISLEY JUNCTION

TYPE A LAY-BY

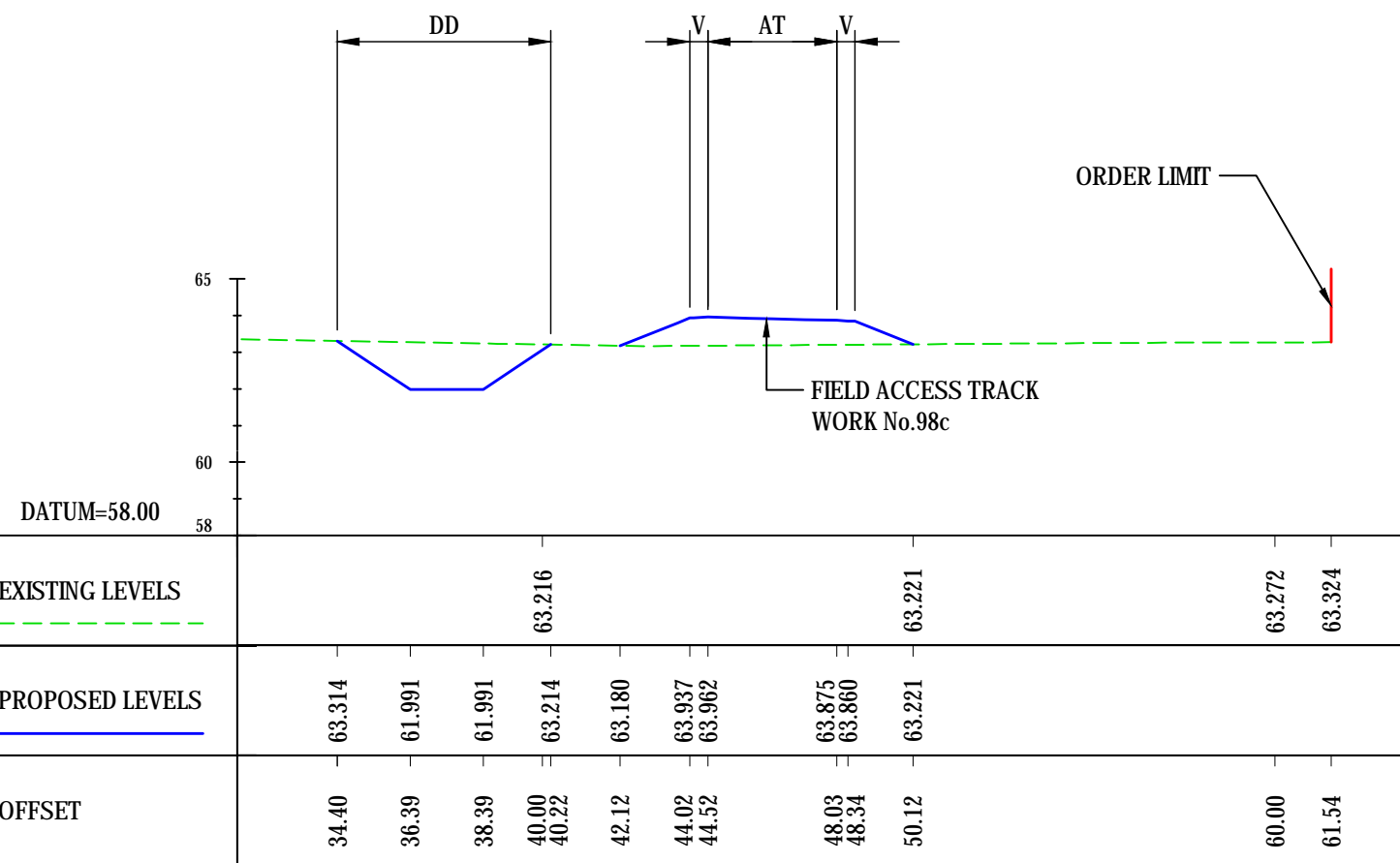
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NEW DUAL CARRIAGEWAY

TYPE A LAY-BY

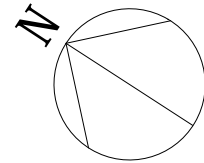
FIELD ACCESS TRACK

PLAN
SCALE : 1:1000

CONTINUATION - REFER TO DWG NO:2481



SECTION N-N, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 16276.22m



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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Check	Date

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Development Consent Order Number
TR010044

Project Title
A428 BLACK CAT TO
CAXTON GIBBET
IMPROVEMENTS

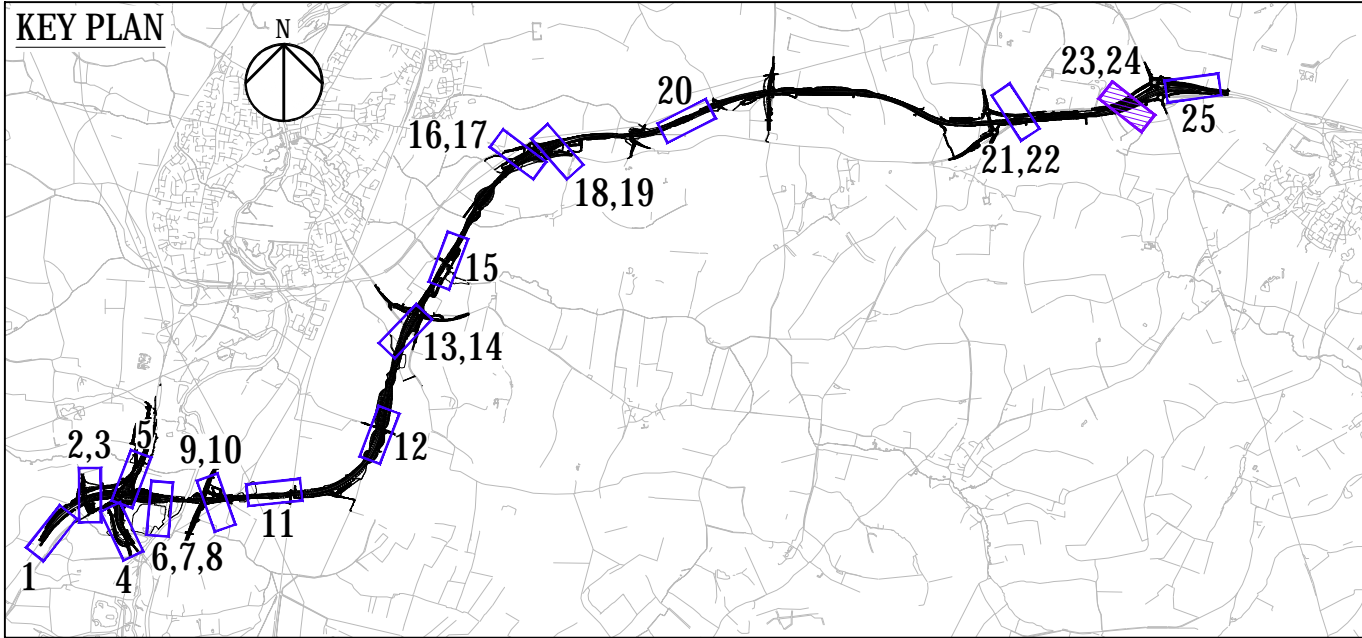
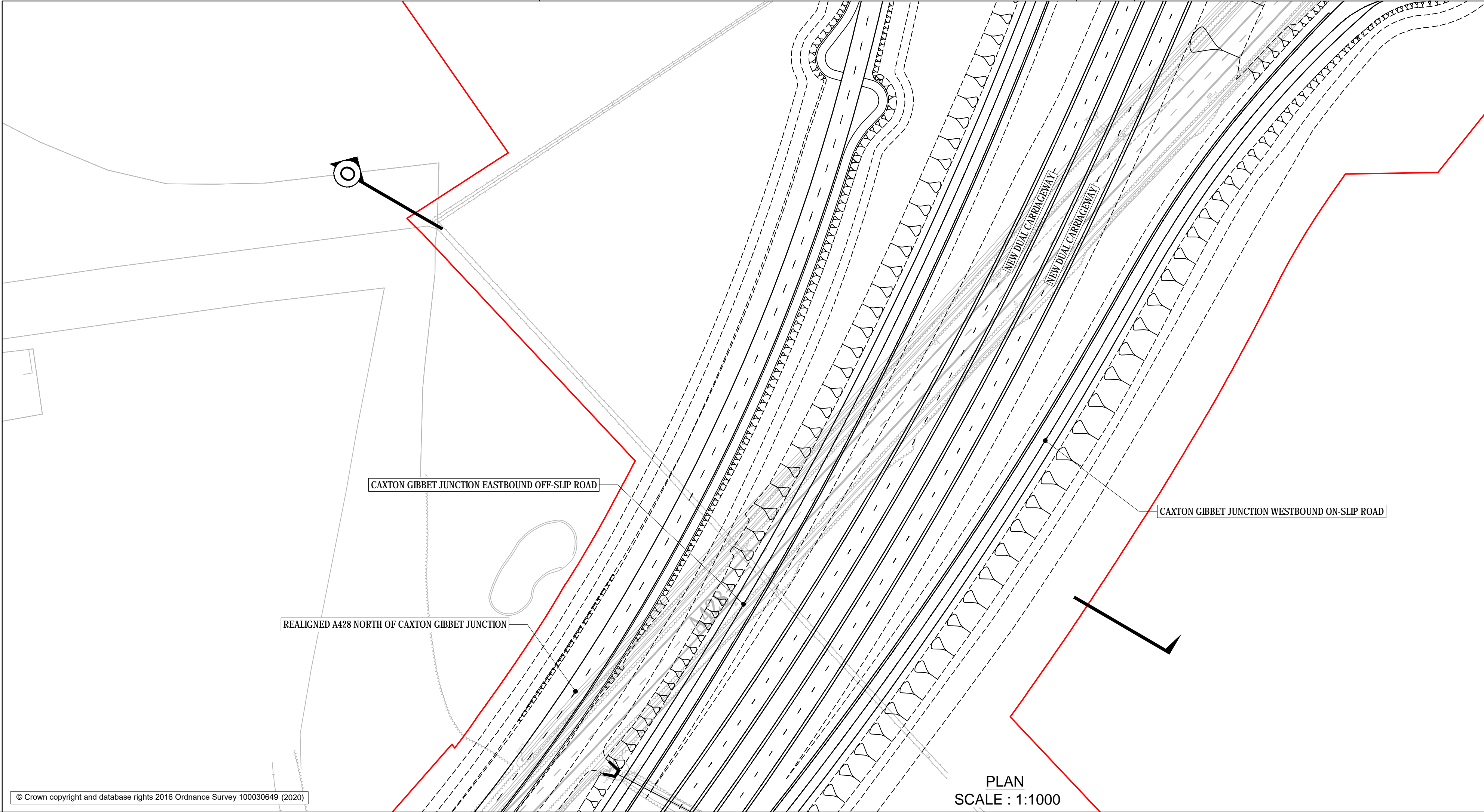
Drawing Title
ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 22

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
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Internal Project No. 60541541	Suitability D7
Scale @ A1 AS SHOWN	Zone ZN4

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Drawing Number HE551495 -ACM	1 Originator -LSI	1 Volume -	Rev P04
Location ZN4_SW_Z_ZZ	1 Type -DR	1 Role -DC	1 Number -2482

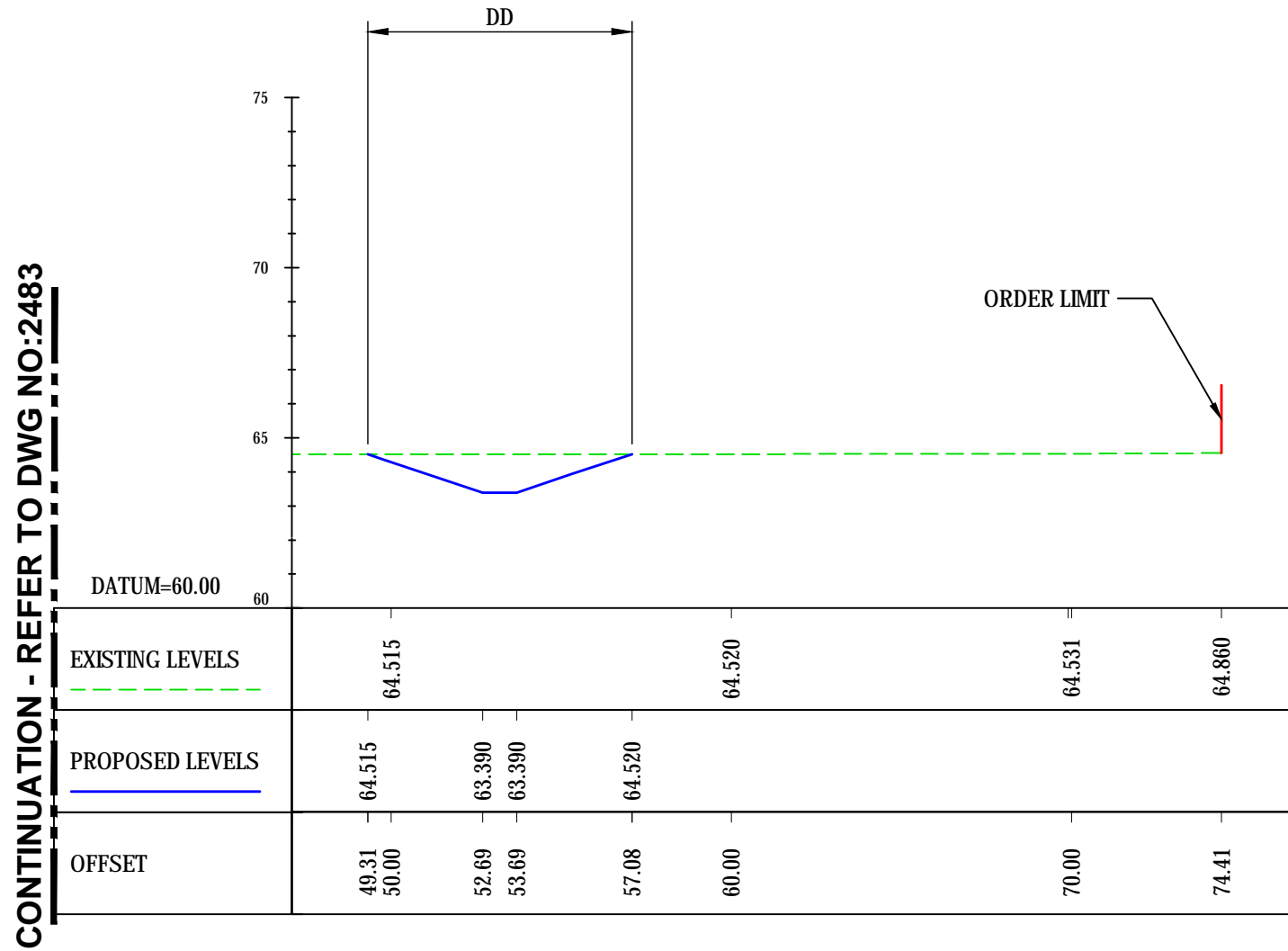


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 - FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

- KEY
- ORDER LIMITS
 - FINISHED LEVEL
 - TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FEEDER 18 900NB HP PIPELINE - 19.05MM WT
 - BRIDGE
 - CULVERT
 - CW CARRIAGEWAY
 - SR SLIP ROAD
 - HS HARD STRIP
 - SDR SIDE ROAD
 - HSR HARD SHOULDER
 - AT ACCESS TRACK
 - PV FOOTWAY/CYCLE TRACK
 - MN MEDIAN
 - DD DRAINAGE DITCH
 - V VERGE
 - S SEPARATION

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PLAN
SCALE : 1:1000



SECTION O-O. SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 17699.484m

Final for DCO Application	JB	TD	03/02/21
Revision Details	By	Check	Date
Purpose of issue			

DCO APPLICATION

Client

Highways England

Woodlands

Manton Lane

Manton Industrial Estate

Bedford

MK41 7LW

Working on behalf of

Development Consent Order Number

TR010044

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

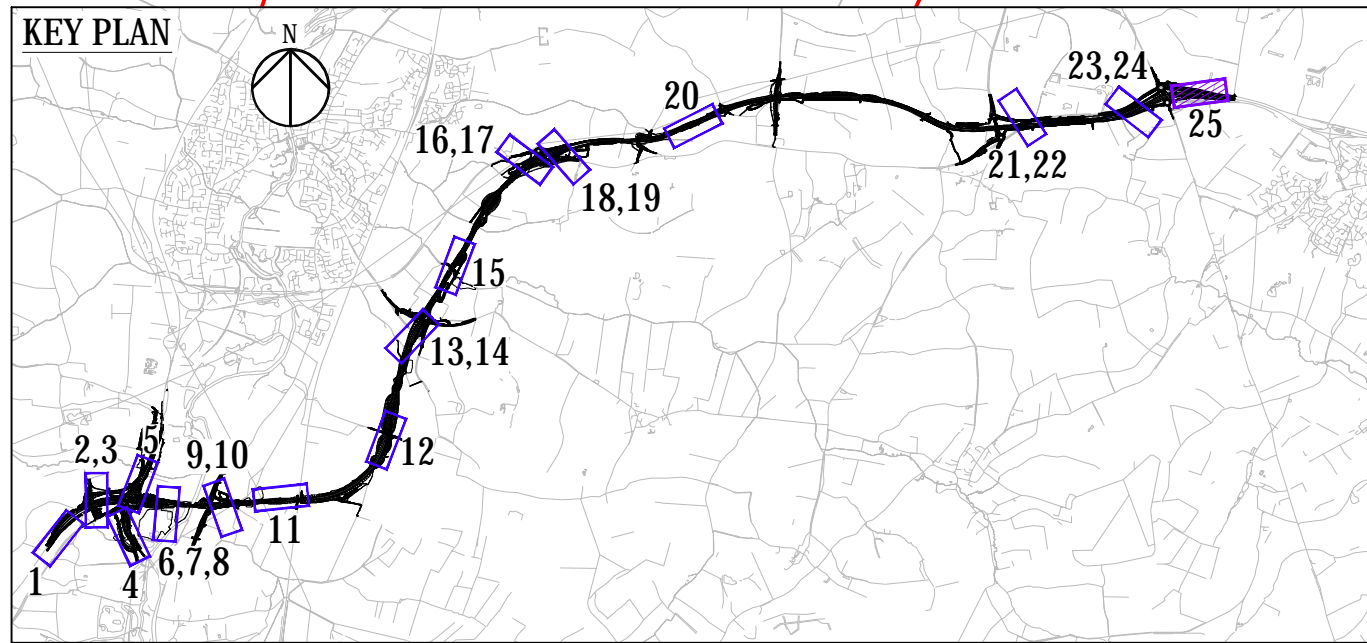
ENGINEERING SECTIONS (CROSS SECTIONS) REGULATION 5(2)(O) & 6(2) SHEET 24

Designed	Drawn	Checked	Approved	Date
GH	JB	JMW	TD	03/02/21

Internal Project No.	Suitability
60541541	D7
Scale @ A1	Zone
AS SHOWN	ZN5








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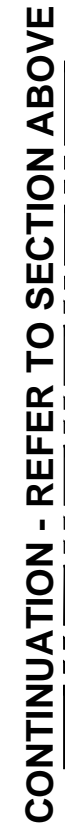
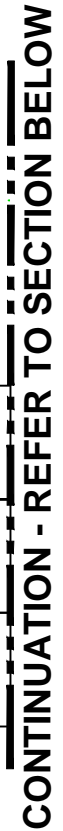
Drawing Number	Highways England PIN	1 Originator	1 Volume	Rev
HE551495 -ACM	-LSI	-	-	P04
ZN5_SW_Z_ZZ	-DR	-DC	-2484	
Location	1 Type	1 Role	1 Number	



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 5. FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

KEY

- | | |
|---|--|
|  | ORDER LIMITS |
|  | LAND NOT INCLUDED WITHIN THE ORDER LIMIT |
|  | FINISHED LEVEL |
|  | TOPOGRAPHICAL SURVEY (EXISTING GROUND) |
|  | FEEDER 18 900NB HP PIPELINE - 19.05MM WT |
|  | BRIDGE |
|  | CULVERT |
| CW | CARRIAGEWAY |
| SR | SLIP ROAD |
| HS | HARD STRIP |
| SDR | SIDE ROAD |
| HSR | HARD SHOULDER |
| AT | ACCESS TRACK |
| PV | FOOTWAY/CYCLE TRACK |
| MN | MEDIAN |
| DD | DRAINAGE DITCH |
| V | VERGE |
| S | SEPARATION |



SECTION P-P, SCALE : H 1:200,V 1:1
GC01DS ALIGNMENT - CH 18521.106m

Final for DCO Application	JB TD	03/02/21	P04
Revision Details	By Check	Date	Suffix

DCO APPLICATION

Client
Highways England
Woodlands
Manton Lane
Manton Industrial Estate
Bedford
MK41 7LW

Working on behalf of



Development Consent Order Number

TR010044

Project Title

A428 BLACK CAT TO CAXTON GIBBET IMPROVEMENTS

Drawing Title

ENGINEERING SECTIONS
(CROSS SECTIONS)
REGULATION 5(2)(O) & 6(2)
SHEET 25

Designed GH	Drawn JB	Checked JMW	Approved TD	Date 03/02/21
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Internal Project No. 0541541	Suitability D7
Scale @ A1 AS SHOWN	Zone ZN5

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Drawing Number			Rev		
Highways England PIN			I Originator		I Volume
HE551495			-ACM		-LSI -
ZN5_SW_Z_ZZ			-DR		-DC-2485
Location			I Type		I Role I Number