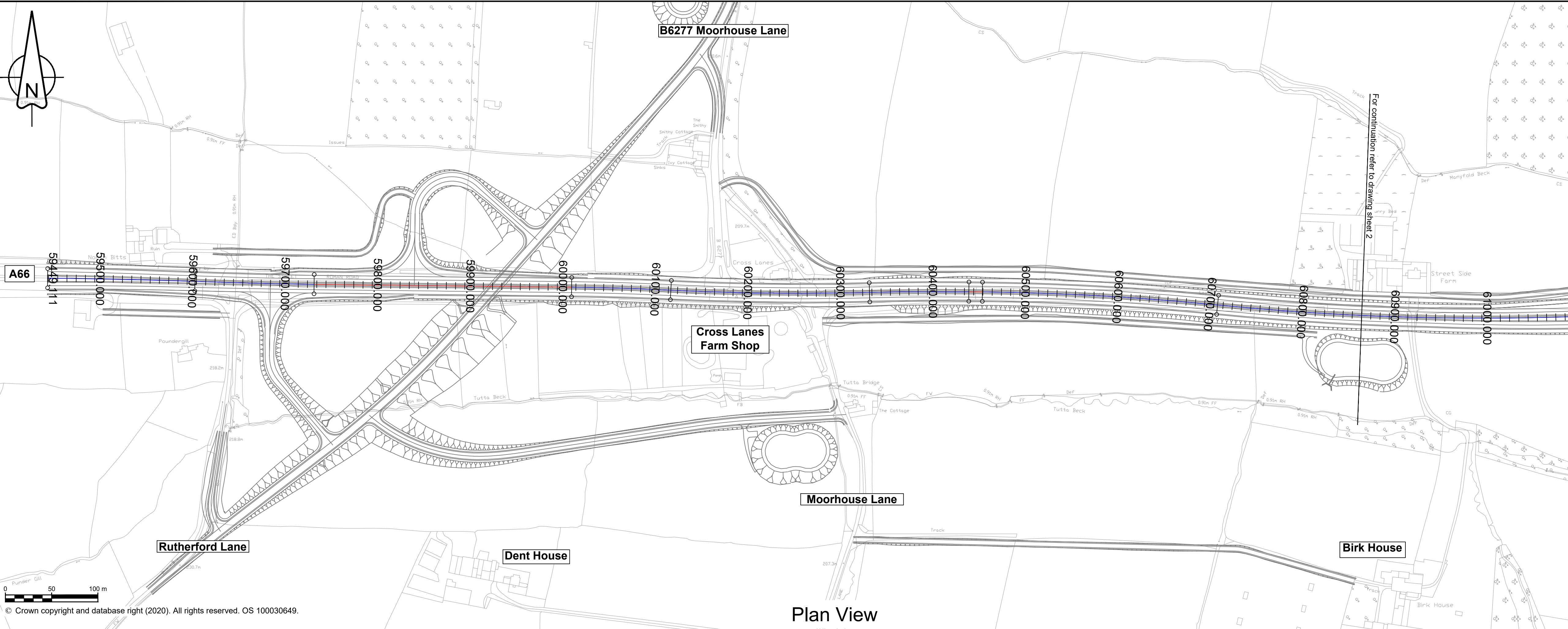




NOTES

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- THE DESIGN SHOWN ON THESE ENGINEERING SECTION DRAWINGS IS ILLUSTRATIVE AND WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.
- THE PROPOSED A66 VERTICAL DESIGN LEVELS ARE IDENTICAL FOR ALL ROUTE OPTIONS (BLACK, BLUE & RED).

KEY

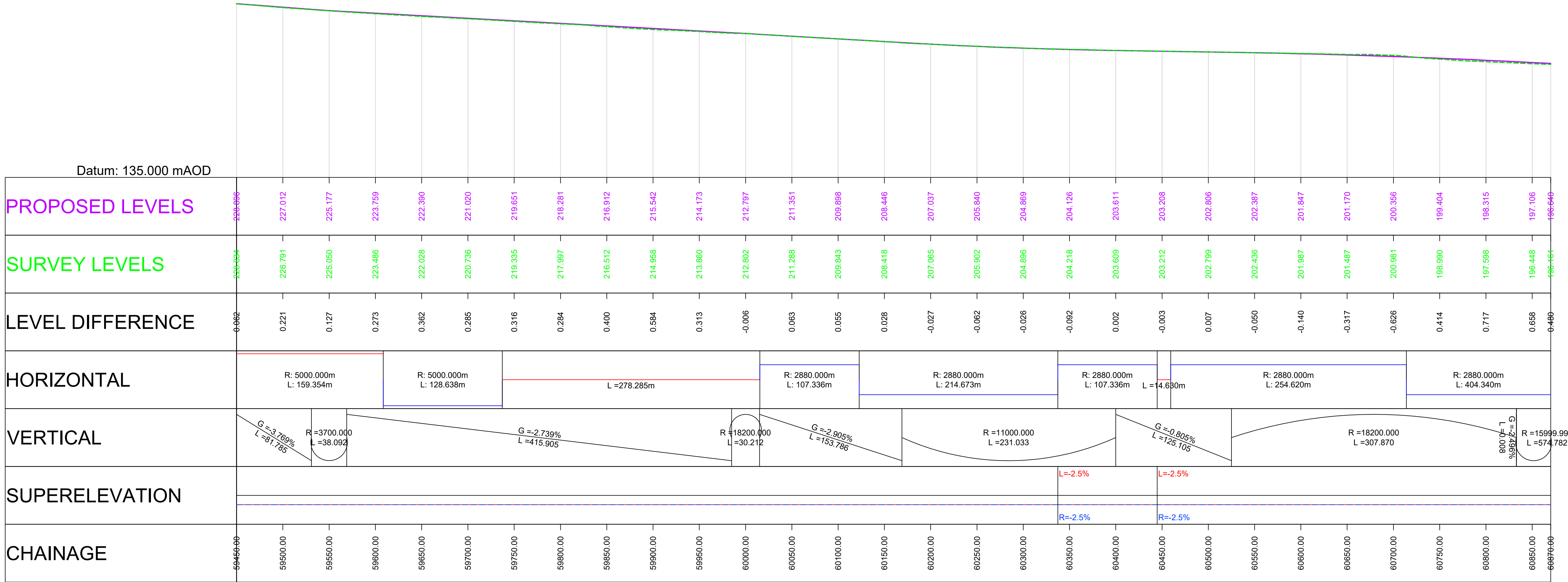
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



Scale H 1:2500; V 1:1250

Profile View

---	---	---	---	---	---	
P01	ISSUED FOR STAT. CON. MAPBOOKS	AREM	AREM	SHOT	THAL	FMOL
		31/08/21	31/08/21	01/09/21	01/09/21	02/09/21
P02	ISSUED FOR STAT. CON. ROUTE DEV. RPT.	AREM	AREM	THAL	FMOL	FMOL
		20/09/21	20/09/21	20/09/21	20/09/21	20/09/21
Revision	Revision details	Created	Checked	Reviewed	Approved	Authorised
		dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client
3 Piccadilly Place
Manchester
M1 3BN

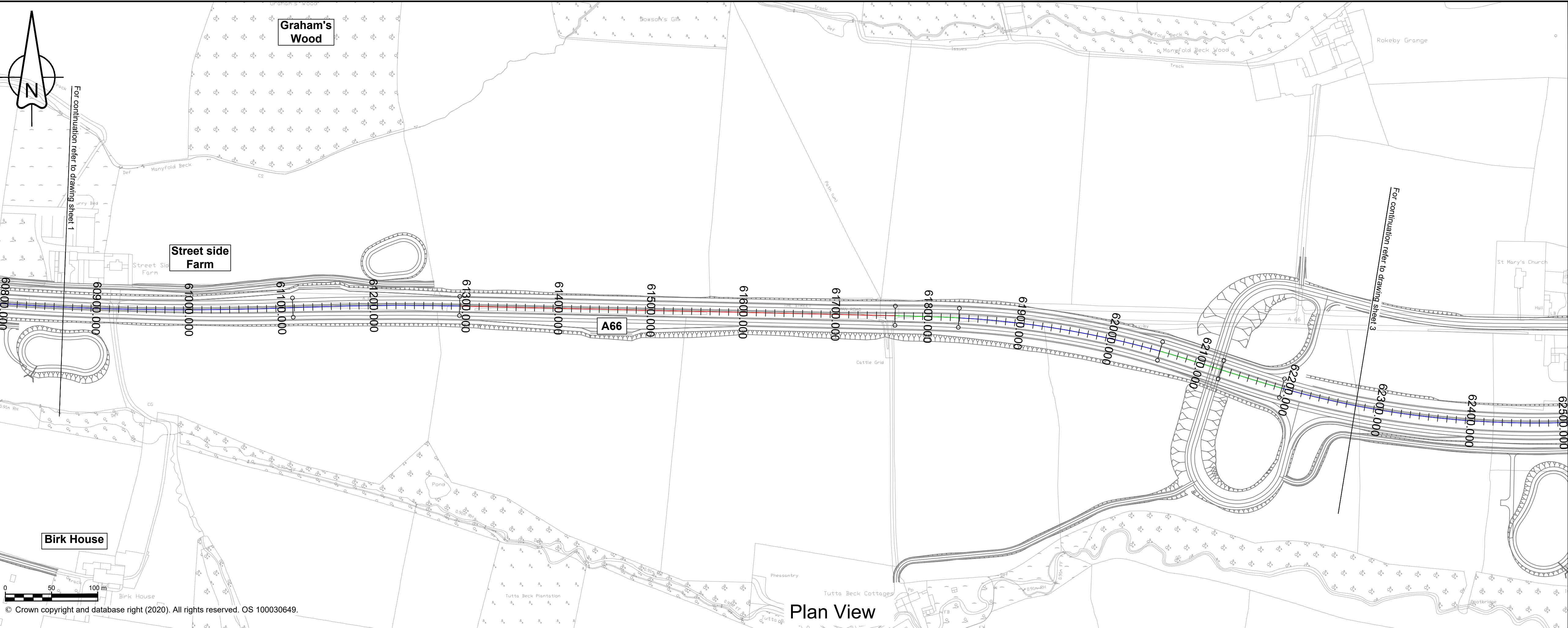
Project Name
A66 Northern Trans-Pennine

Drawing Title
Black Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 1 of 3

Project Ref. No.	Stage	Scale	@ A1
---	PCF3	1:2500	
		Dimensions	M

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HML -			
S08	-DR-CH-	600011	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P02



NOTES

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KEY

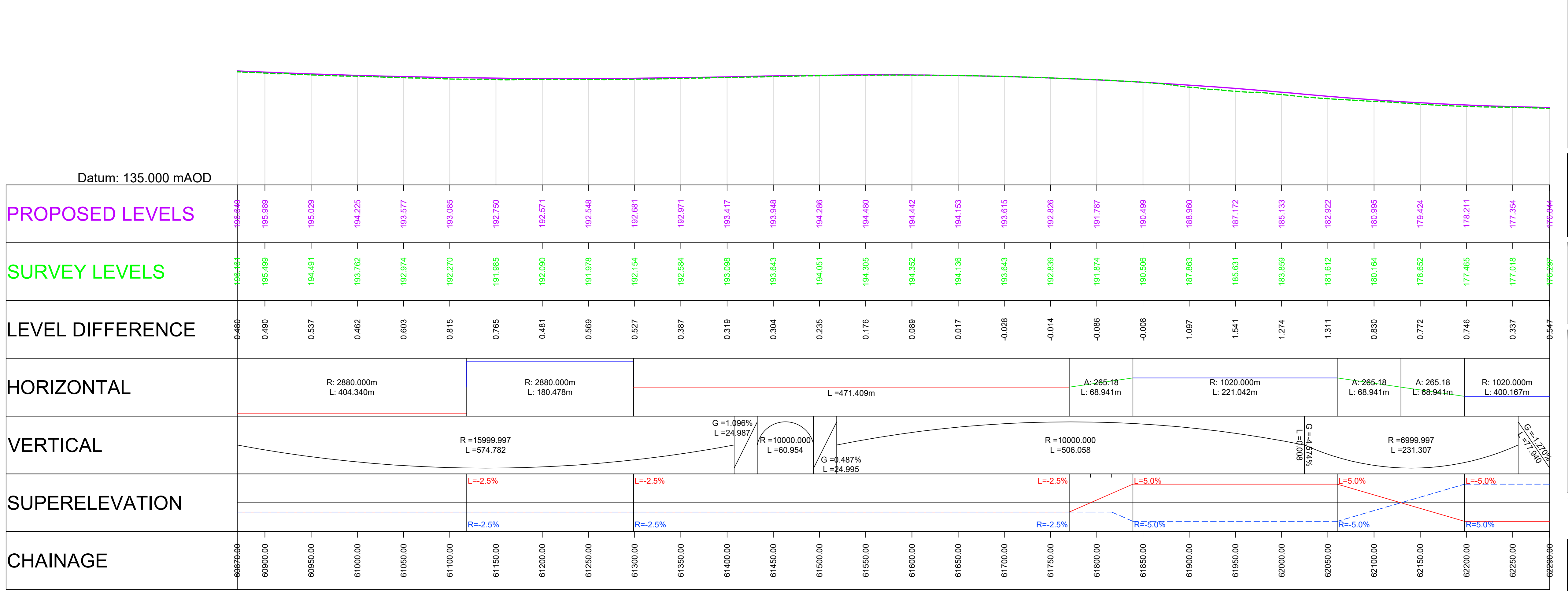
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



ISSUED FOR STAT. CON. MAPBOOKS

	AREM	AREM	SHOT	THAL	FMOL
31/08/21	31/08/21	01/09/21	01/09/21	01/09/21	02/09/21

ISSUED FOR STAT. CON. ROUTE DEV. RPT.

	AREM	AREM	THAL	FMOL	FMOL
20/09/21	20/09/21	20/09/21	20/09/21	20/09/21	20/09/21

Revision details

Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client

3 Piccadilly Place
Manchester
M1 3BN

Project Name

A66 Northern Trans-Pennine

Drawing Title

Black Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 2 of 3

Project Ref. No.

Stage

Scale : 1:2500 @ A1

Dimensions : M

Drawing Number

Project

Originator

Volume

HE565627 - AMY - HML -

S08 -DR-CH- 600012

Location

Type

Role

Number

Suitability

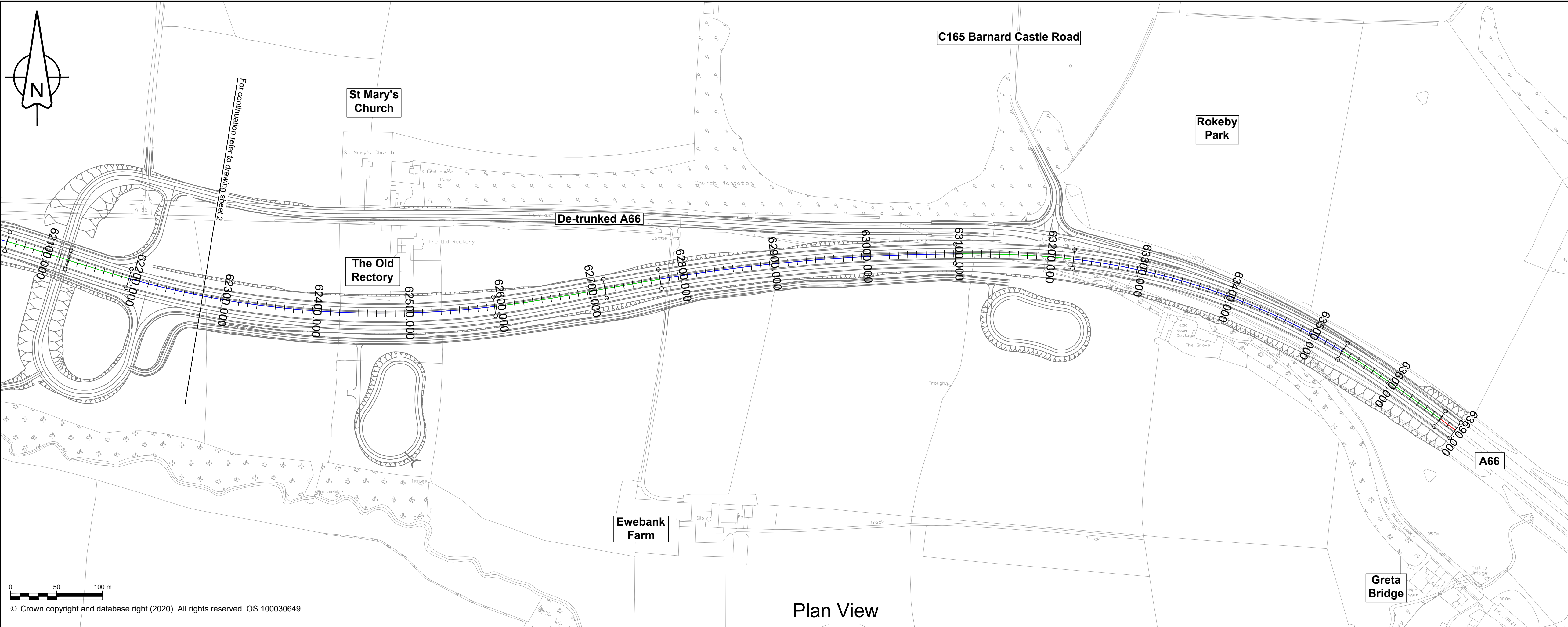
S1

Suitability Description

Fit for Co-ordination

Revision

P02



NOTES

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KEY

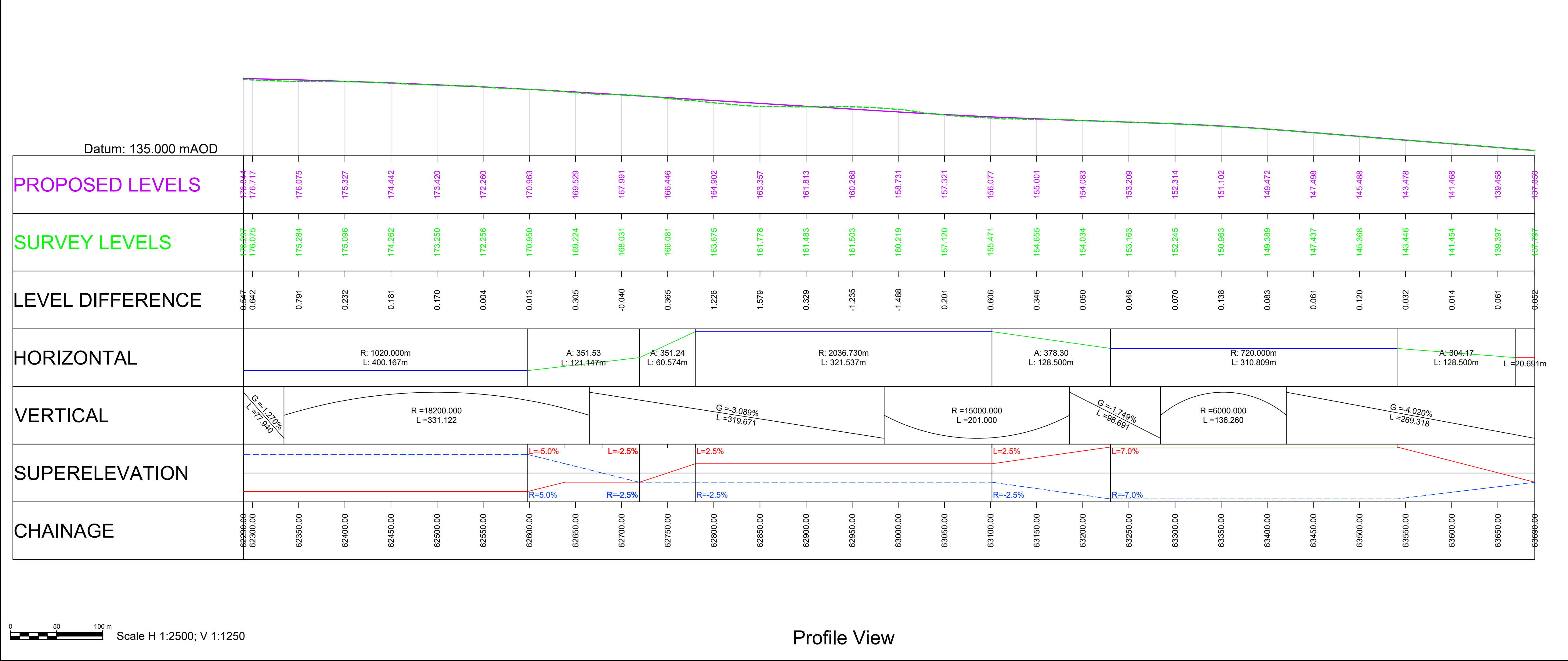
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



Designer
Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client
3 Piccadilly Place
Manchester
M1 3BN

Project Name
A66 Northern Trans-Pennine

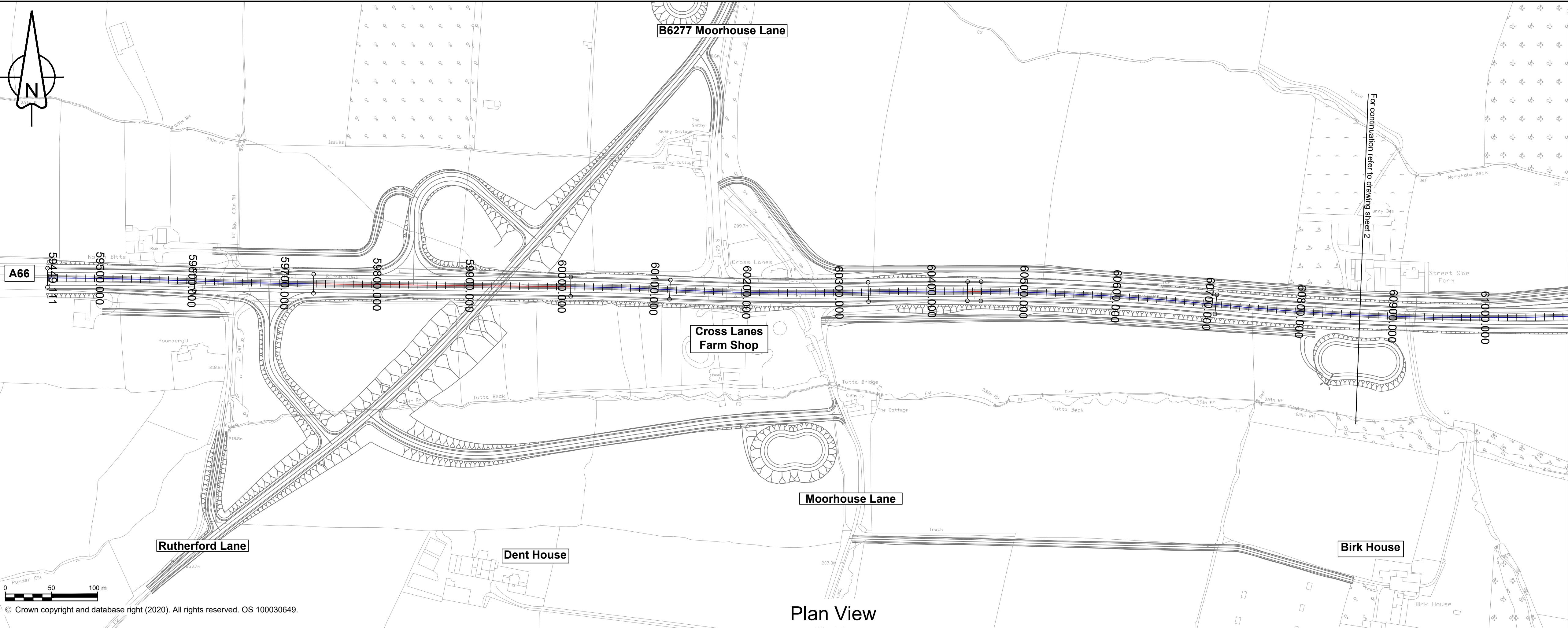
Drawing Title
Black Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 3 of 3

Project Ref. No. Stage Scale: 1:2500 @ A1
--- PCF3 Dimensions: M

Drawing Number
Project | Originator | Volume |
HE565627 - AMY - HML -
S08 -DR-CH- 600013
Location | Type | Role | Number

Suitability Description
S1 Fit for Co-ordination

Revision
P02



NOTES

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KEY

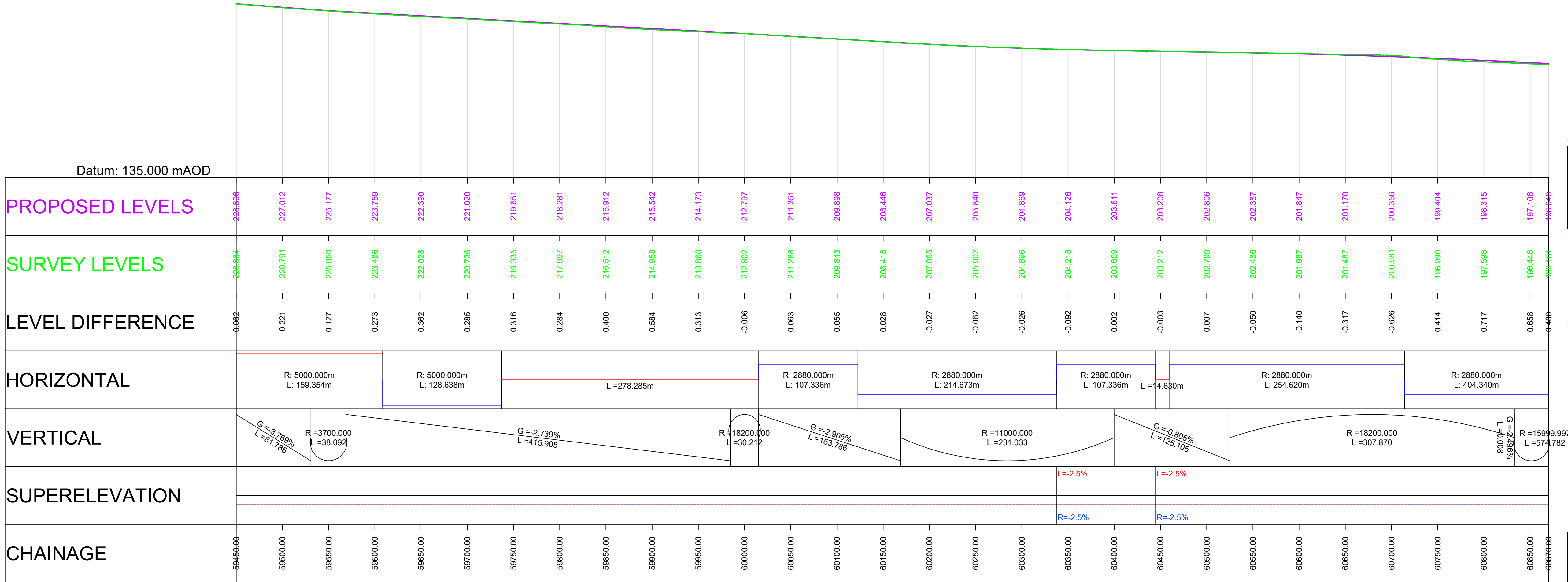
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



Scale H 1:2500; V 1:1250

ISSUED FOR STAT. CON. ROUTE DEV. RPT.					
AREM	AREM	THAL	FMOL	FMOL	
20/09/21	20/09/21	20/09/21	20/09/21	20/09/21	

Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client
3 Piccadilly Place
Manchester
M1 3BN

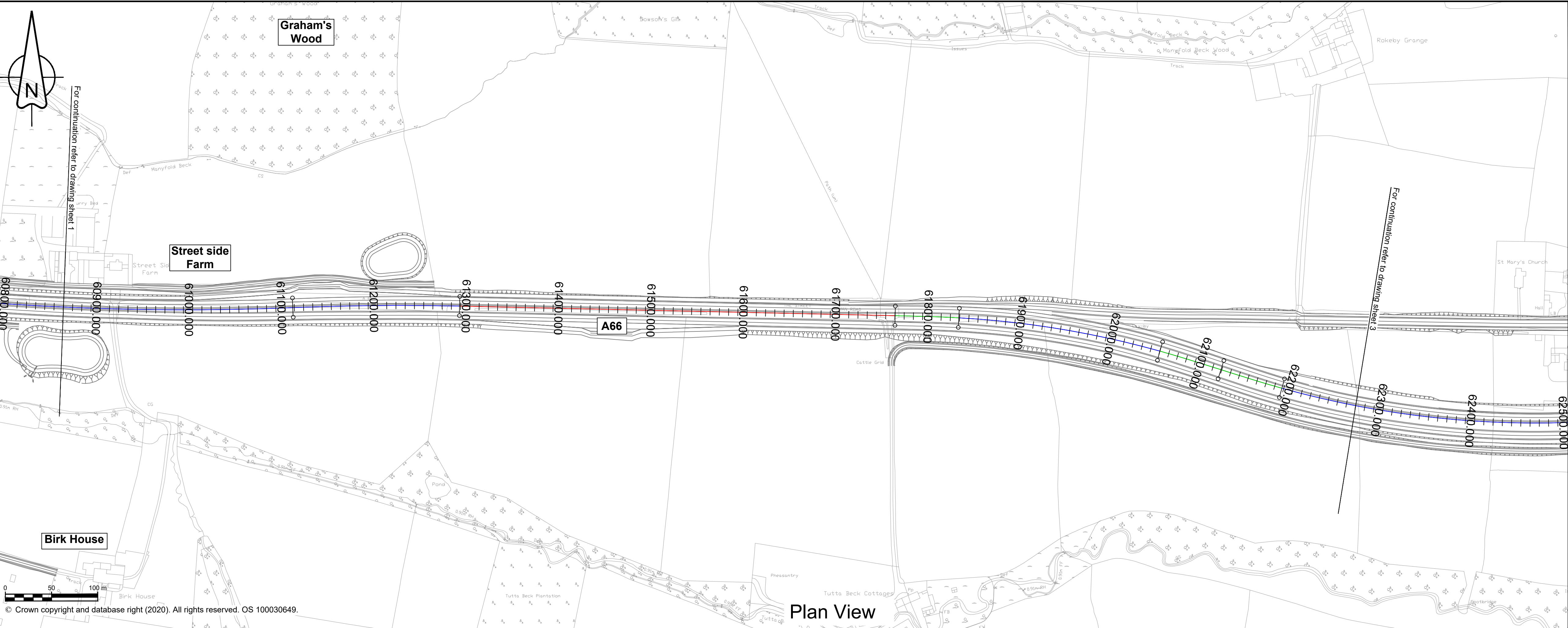
Project Name
A66 Northern Trans-Pennine

Drawing Title
Blue Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 1 of 3

Project Ref. No.	Stage	Scale :	@ A1
---		1:2500	
		Dimensions :	M

Drawing Number	Project	Originator	Volume
HE565627	- AMY	- HML	-
S08	-DR-CH-	600021	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01



NOTES

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KEY

Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN

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---	---	---	---	---	---
P01	ISSUED FOR STAT. CON. ROUTE DEV. RPT.	---	---	---	---
	AREM	AREM	THAL	FMOL	FMOL
	20/09/21	20/09/21	20/09/21	20/09/21	20/09/21
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client

3 Piccadilly Place
Manchester
M1 3BN

Project Name

A66 Northern Trans-Pennine

Drawing Title

Blue Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 2 of 3

Project Ref. No.	Stage	Scale :	@ A1
---	---	1:2500	
		Dimensions :	M

Drawing Number

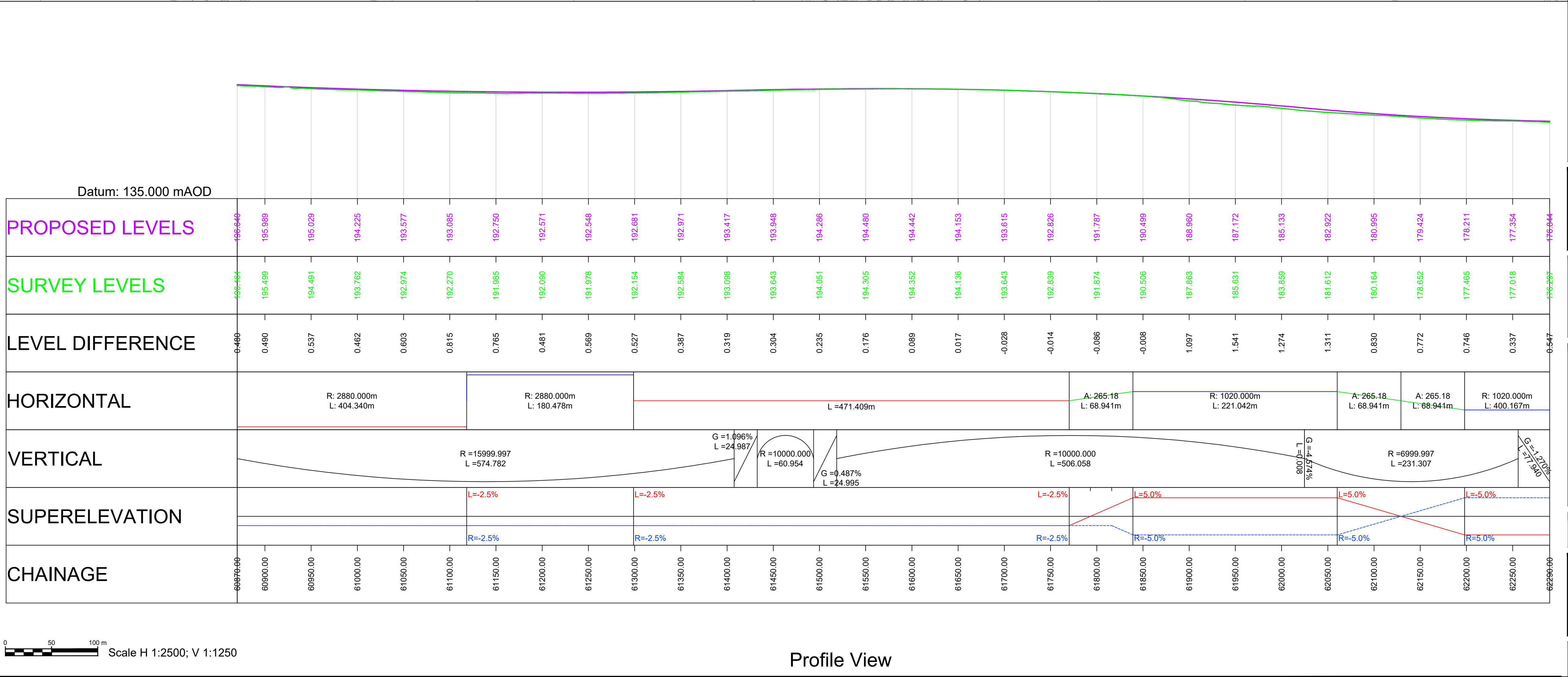
Project | Originator | Volume |

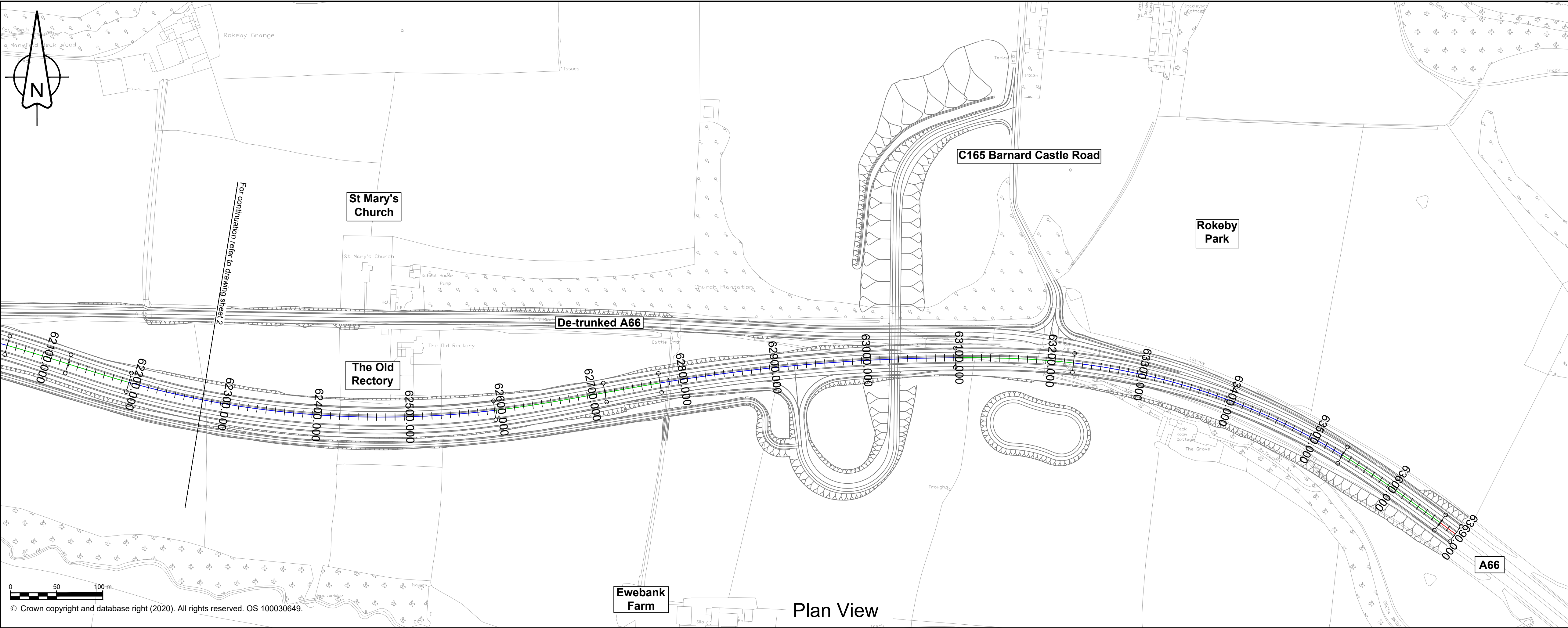
HE565627 - AMY - HML -

S08 -DR-CH- 600022

Location | Type | Role | Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01





NOTES

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KEY

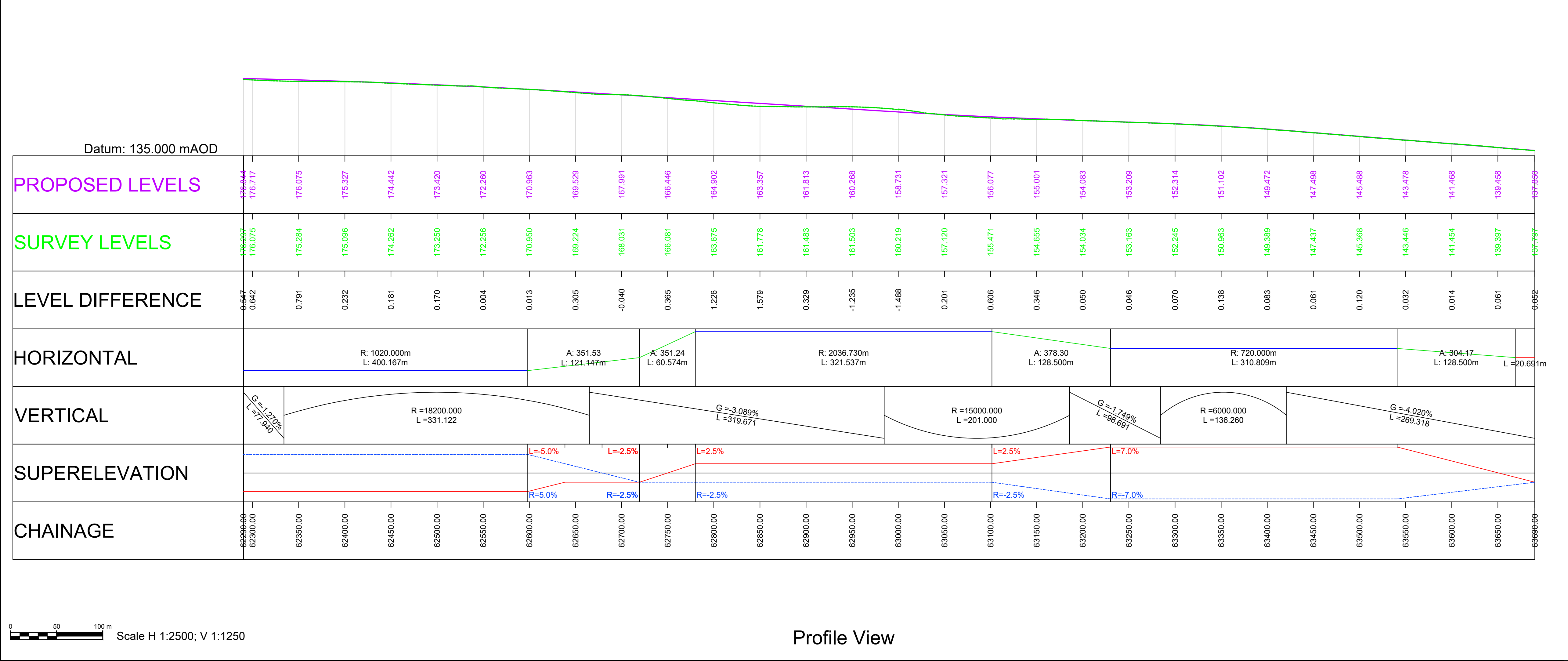
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



Revision	Created	Checked	Reviewed	Approved	Authorised
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P01	20/09/21	20/09/21	20/09/21	20/09/21	20/09/21

Revision details

Created	Checked	Reviewed	Approved	Authorised
dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client

3 Piccadilly Place
Manchester
M1 3BN

Project Name

A66 Northern Trans-Pennine

Drawing Title

Blue Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 3 of 3

Project Ref. No.

Stage

Scale: 1:2500 @ A1

Dimensions: M

Drawing Number

Project | Originator | Volume |

HE565627 - AMY - HML -

S08 -DR-CH- 600023

Location | Type | Role | Number

Suitability

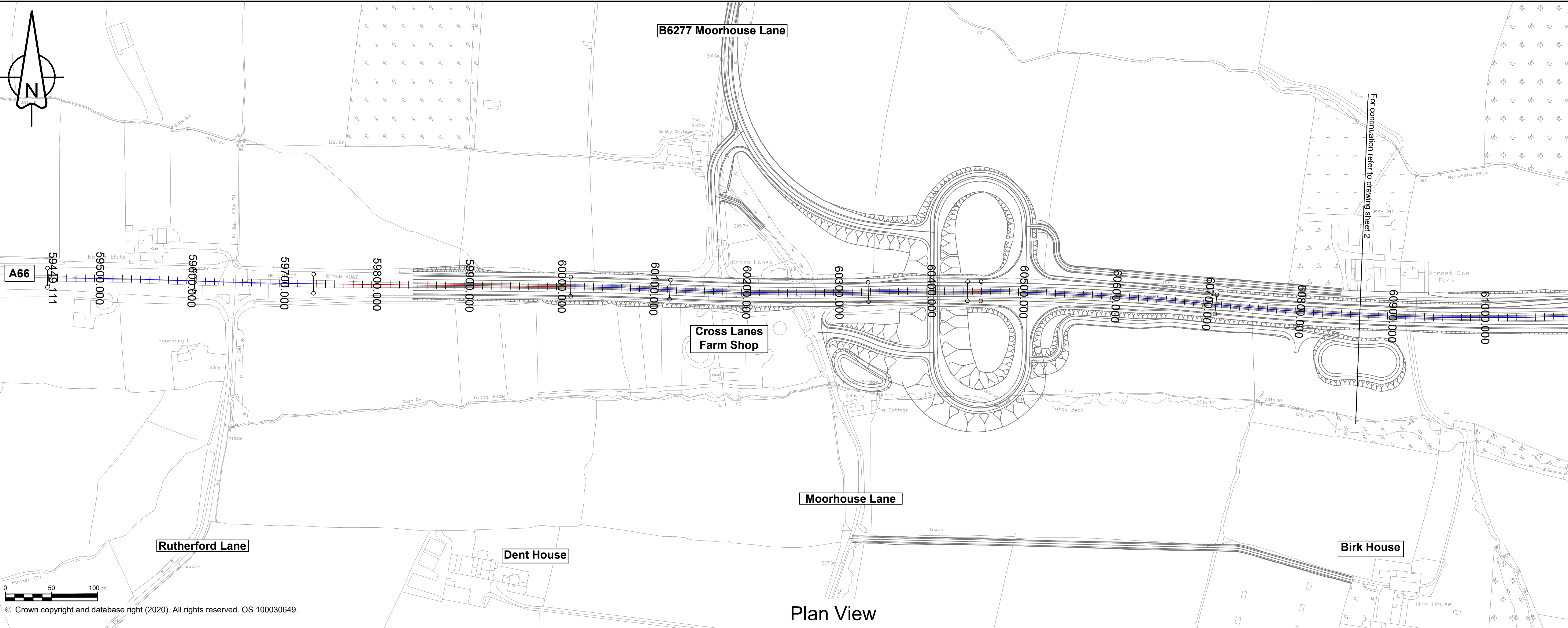
S1

Suitability Description

Fit for Co-ordination

Revision

P01



NOTES

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KEY

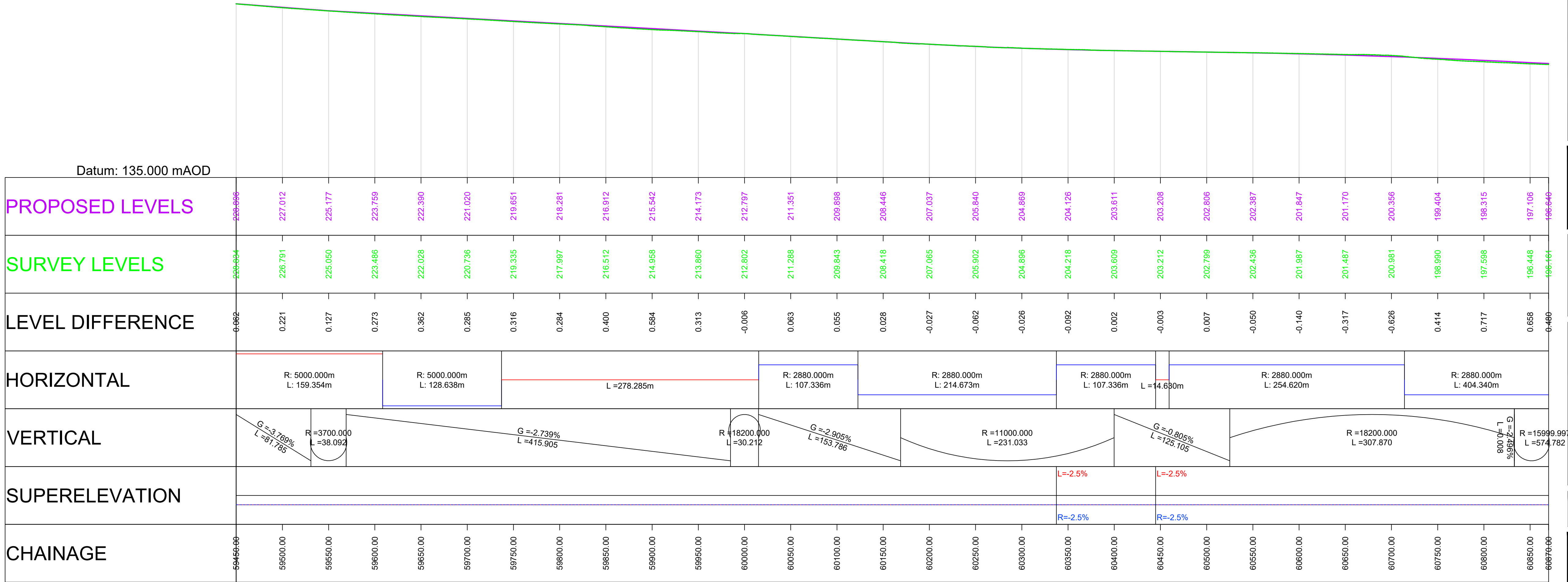
Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN



Scale H 1:2500; V 1:1250

ISSUED FOR STAT. CON. ROUTE DEV. RPT.					
AREM	AREM	THAL	FMOL	FMOL	
20/09/21	20/09/21	20/09/21	20/09/21	20/09/21	

Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client
3 Piccadilly Place
Manchester
M1 3BN

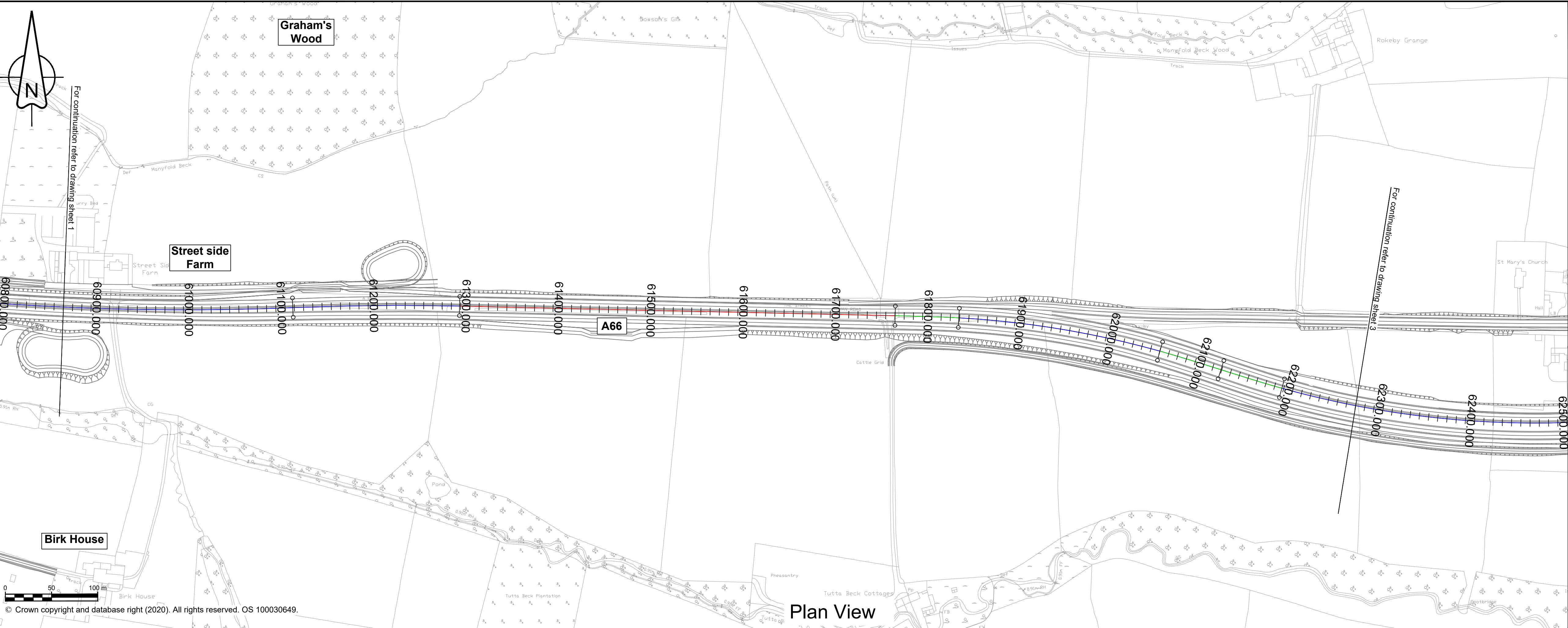
Project Name
A66 Northern Trans-Pennine

Drawing Title
Red Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 1 of 3

Project Ref. No.	Stage	Scale : 1:2500	@ A1
---		Dimensions : M	

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HML -			
S08	-DR-CH-	600031	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01



NOTES

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KEY

Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN

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---	---	---	---	---	---
P01	ISSUED FOR STAT. CON. ROUTE DEV. RPT.	---	---	---	---
	AREM	AREM	THAL	FMOL	FMOL
	20/09/21	20/09/21	20/09/21	20/09/21	20/09/21
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client

3 Piccadilly Place
Manchester
M1 3BN

Project Name

A66 Northern Trans-Pennine

Drawing Title

Red Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 2 of 3

Project Ref. No.	Stage	Scale : 1:2500	@ A1
---	---	Dimensions : M	

Drawing Number

Project | Originator | Volume |

HE565627 - AMY - HML -

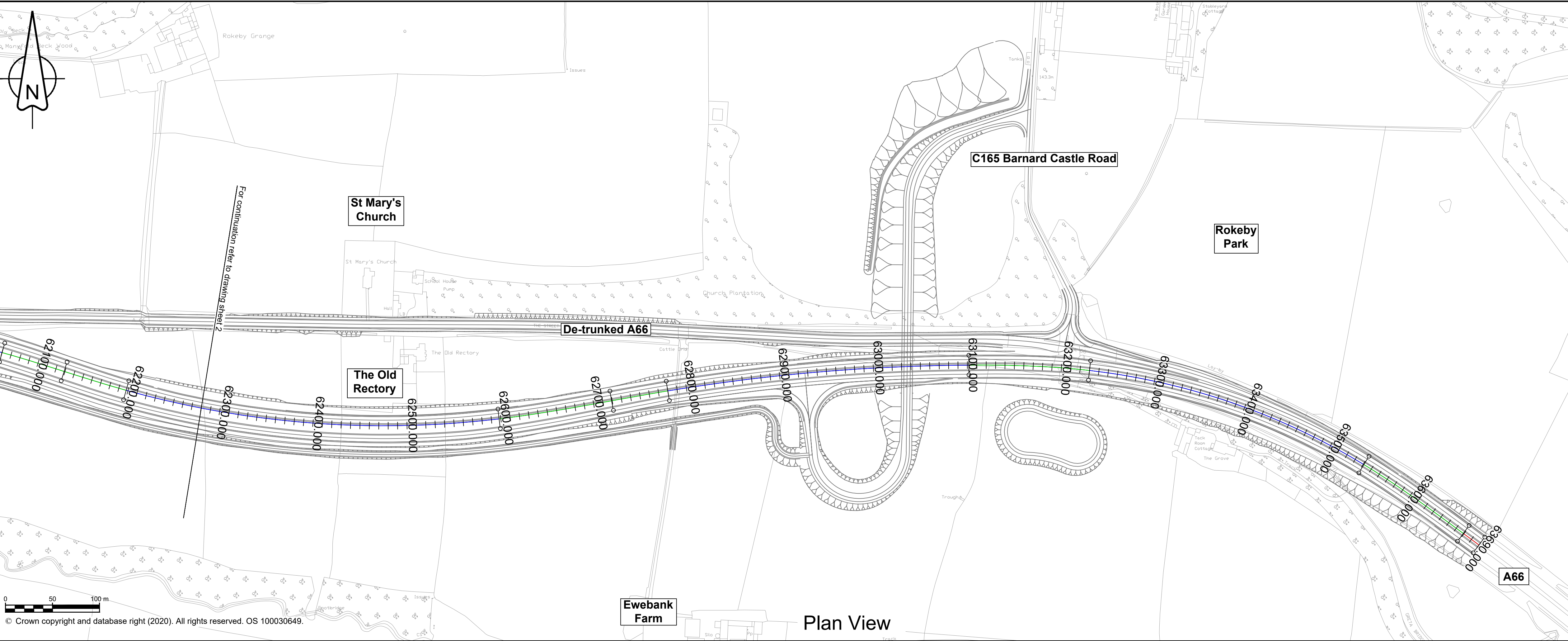
S08 -DR-CH- 600032

Location | Type | Role | Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01

Profile View

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	136.461	135.499	134.491	133.762	132.974	132.270	131.985	132.090	131.978	132.154	132.584	133.098	133.643	134.051	134.305	134.352	134.136	133.643	132.839	131.874	130.506	128.863	126.631	123.859	120.612	116.164	110.652	103.465	94.018	82.597
	0.489	0.490	0.537	0.462	0.603	0.815	0.765	0.481	0.569	0.527	0.387	0.319	0.304	0.235	0.176	0.089	0.017	-0.028	-0.014	-0.086	-0.008	1.097	1.541	1.274	1.311	0.830	0.772	0.746	0.337	0.547
	R: 2880.000m L: 404.340m		R: 2880.000m L: 180.478m		L=471.409m		A: 265.18 L: 68.941m		R: 1020.000m L: 221.042m		A: 265.18 L: 68.941m		A: 265.18 L: 68.941m		R: 1020.000m L: 400.167m															
	R = 15999.997 L = 574.782		R = 10000.000 L = 60.954		G = 1.096% L = 24.987		R = 10000.000 L = 506.058		G = 4.674% L = 77.990		R = 6999.997 L = 231.307		G = -1.208% L = 171.990																	
	L=-2.5%		L=-2.5%		L=-2.5%		L=-2.5%		L=-5.0%		L=-5.0%		L=-5.0%		L=-5.0%															
	R=-2.5%		R=-2.5%		R=-2.5%		R=-2.5%		R=-5.0%		R=-5.0%		R=-5.0%		R=-5.0%															
	60800.000	60900.000	60950.000	61000.000	61050.000	61100.000	61150.000	61200.000	61250.000	61300.000	61350.000	61400.000	61450.000	61500.000	61550.000	61600.000	61650.000	61700.000	61750.000	61800.000	61850.000	61900.000	61950.000	62000.000	62050.000	62100.000	62150.000	62200.000	62250.000	62300.000



NOTES

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KEY

Plan

- THE SCHEME (SHOWN FOR ILLUSTRATIVE PURPOSES ONLY)
- CURVE ALIGNMENT
- STRAIGHT ALIGNMENT
- TRANSITION ALIGNMENT
- ROAD NAMES
- CHAINAGE (MEASURED DISTANCE ALONG THE SCHEME LENGTH)

Profile

- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL

SCHEME KEY PLAN

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---	---	---	---	---	---
---	---	---	---	---	---
P01	AREM	AREM	THAL	FMOL	FMOL
	20/09/21	20/09/21	20/09/21	20/09/21	20/09/21
Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

Client

3 Piccadilly Place
Manchester
M1 3BN

Project Name

A66 Northern Trans-Pennine

Drawing Title

Red Option
Cross Lanes to Rokeby
Plan and Profile Mainline
Sheet 3 of 3

Project Ref. No.	Stage	Scale : 1:2500	@ A1
---		Dimensions : M	

Drawing Number

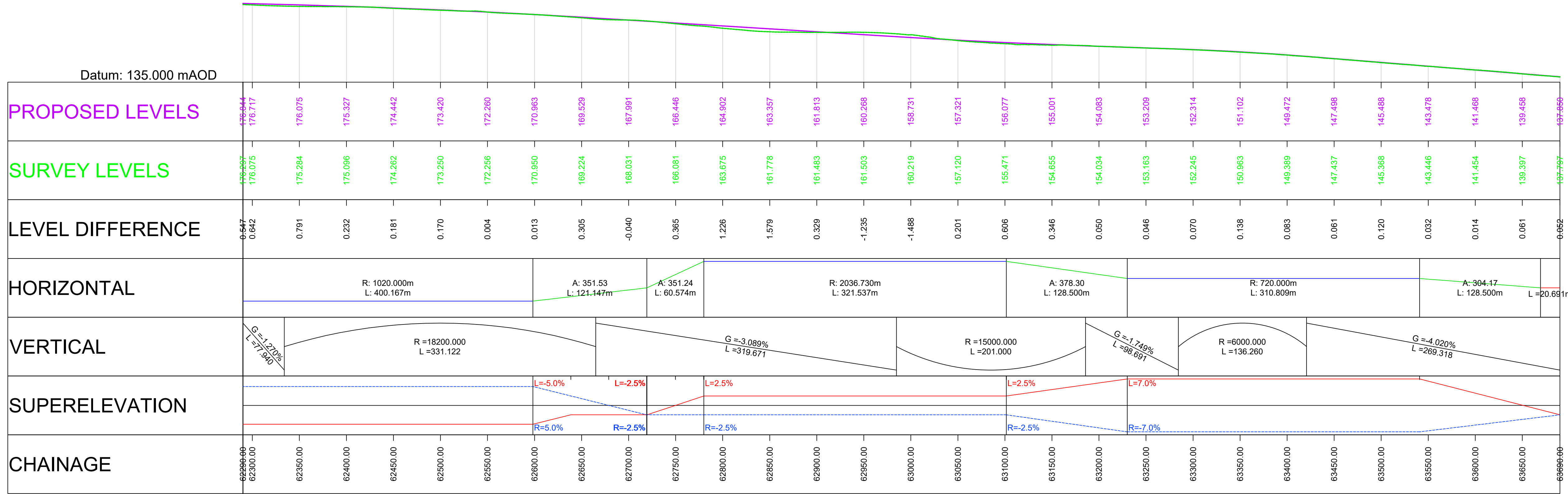
Project | Originator | Volume |

HE565627 - AMY - HML -

S08 -DR-CH- 600033

Location | Type | Role | Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01



Scale H 1:2500; V 1:1250