

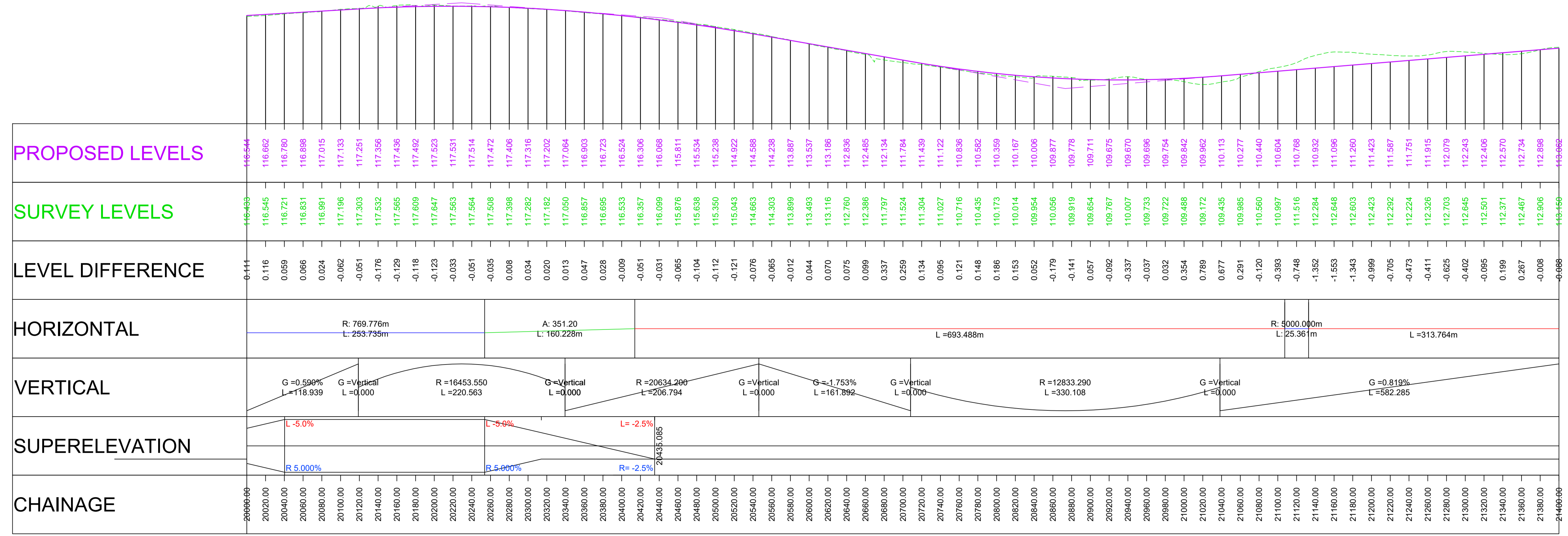


NOTES

- ALL DIMENSIONS ARE IN METRES ABOVE DATUM UNLESS NOTED OTHERWISE.
- THE DESIGN SHOWN ON THESE ENGINEERING SECTION DRAWINGS IS ILLUSTRATIVE AND WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.

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



Revision	Created	Checked	Reviewed	Approved	Authorised
dd/mm/yy	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
**Penrith to Temple Sowerby
 Plan and Profile Mainline
 Sheet 1 of 4**

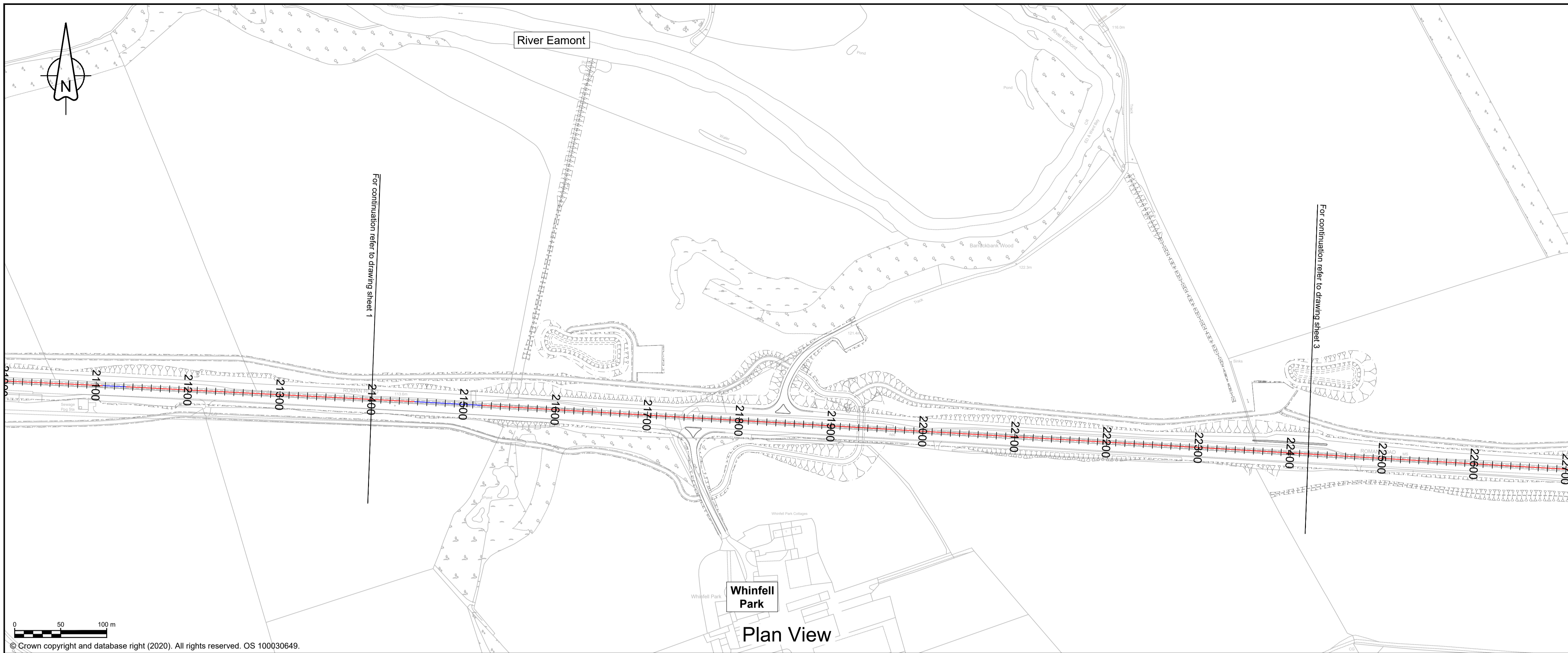
Project Ref. No.	Stage	Scale : 1:2500	@ A1
---	---	Dimensions : M	

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HML -	S03	-DR-CH-	100001
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P02

Scale H 1:2500; V 1:250

Profile View

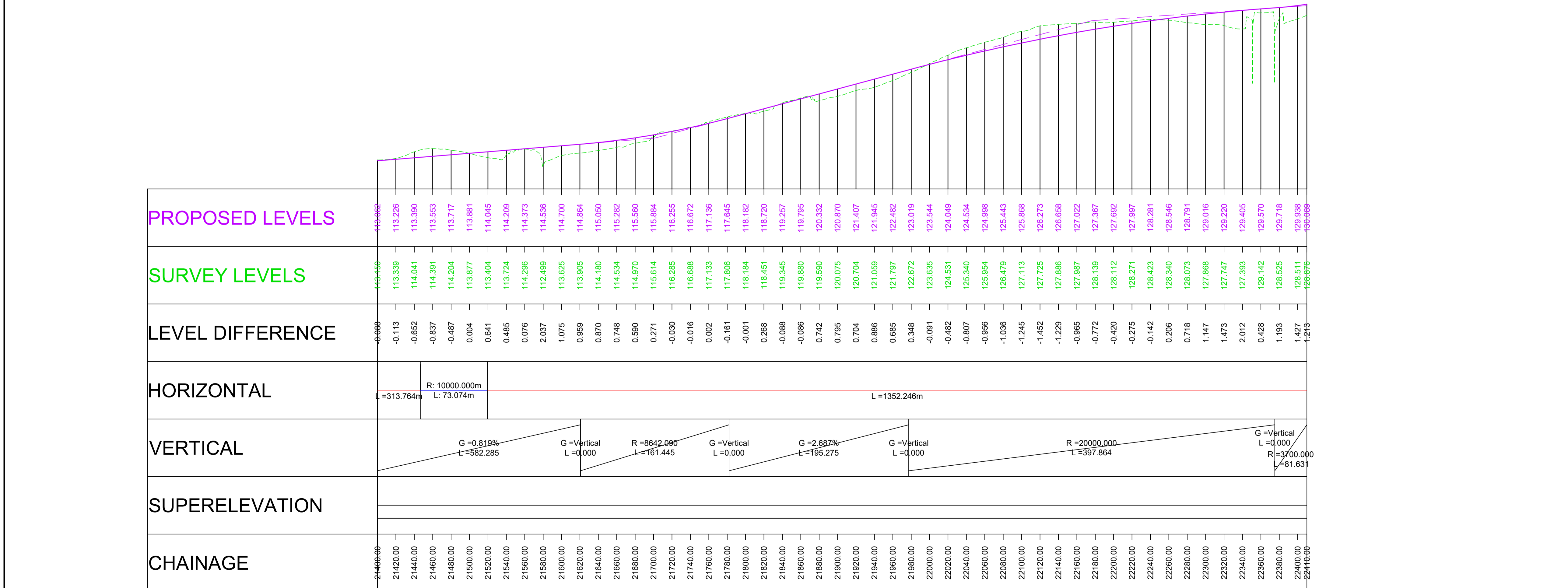
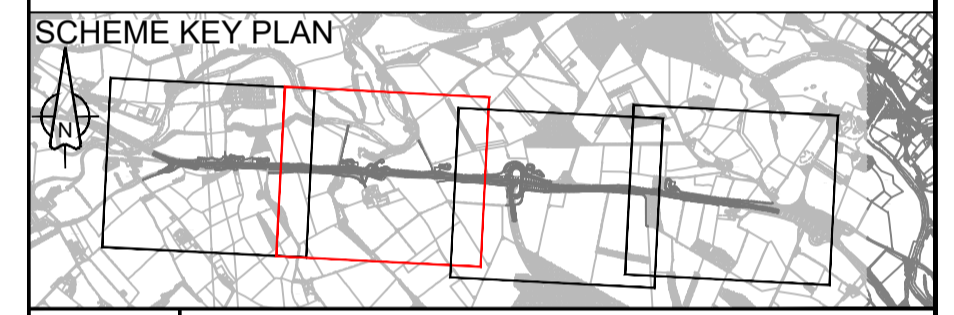


NOTES

- ALL DIMENSIONS ARE IN METRES ABOVE DATUM UNLESS NOTED OTHERWISE.
- THE DESIGN SHOWN ON THESE ENGINEERING SECTION DRAWINGS IS ILLUSTRATIVE AND WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.

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



Revision	Created	Checked	Reviewed	Approved	Authorised
dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy
P01	24/08/21	SCHO	24/08/21	ASCR	25/08/21
P02	10/09/21	SCHO	10/09/21	ASCR	10/09/21
				DKID	25/08/21
				SBAG	10/09/21

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

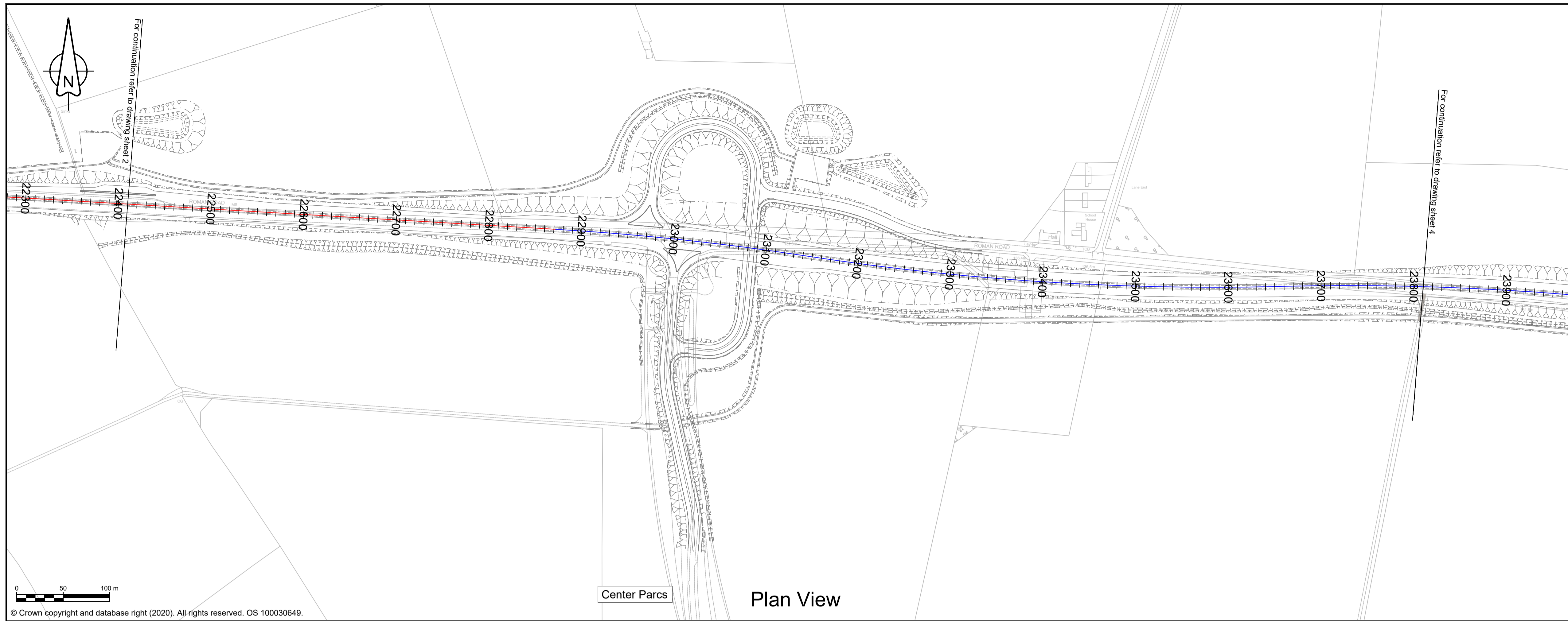
Drawing Title
**Penrith to Temple Sowerby
 Plan and Profile Mainline
 Sheet 2 of 4**

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

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HML -			
S03	-DR-CH-	100002	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P02

Scale H 1:2500; V 1:250

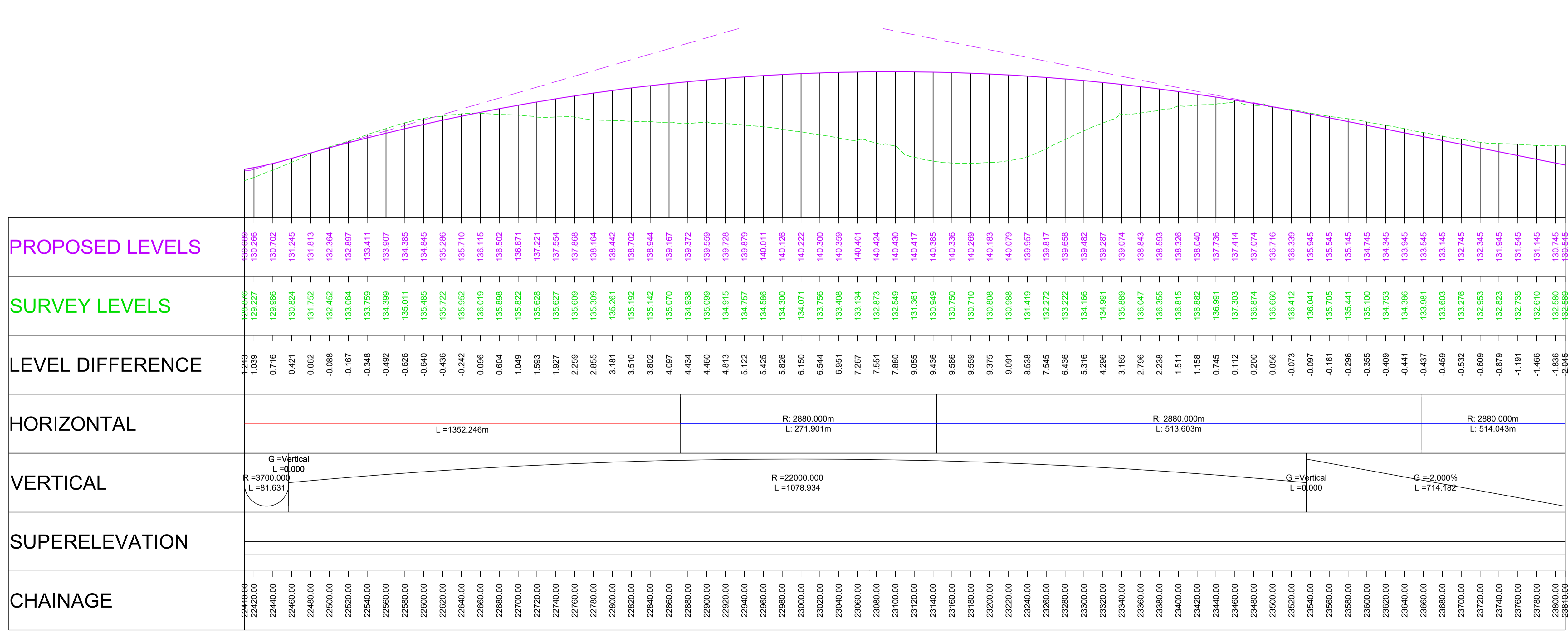
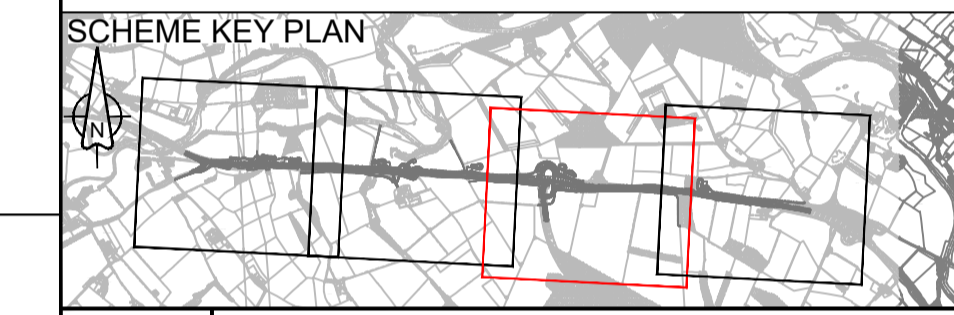


NOTES

1. ALL DIMENSIONS ARE IN METRES ABOVE DATUM UNLESS NOTED OTHERWISE.
2. THE DESIGN SHOWN ON THESE ENGINEERING SECTION DRAWINGS IS ILLUSTRATIVE AND WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.

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



Revision	Created	Checked	Reviewed	Approved	Authorised
dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy
P01	SCHO	SCHO	ASCR	DKID	DKID
	24/08/21	24/08/21	24/08/21	25/08/21	25/08/21
P02	SCHO	SCHO	ASCR	DKID	SBAG
	10/09/21	10/09/21	10/09/21	10/09/21	10/09/21

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

A66 NTP Integrated Project Team

Client
 3 Piccadilly Place
 Manchester
 M1 3BN

highways england

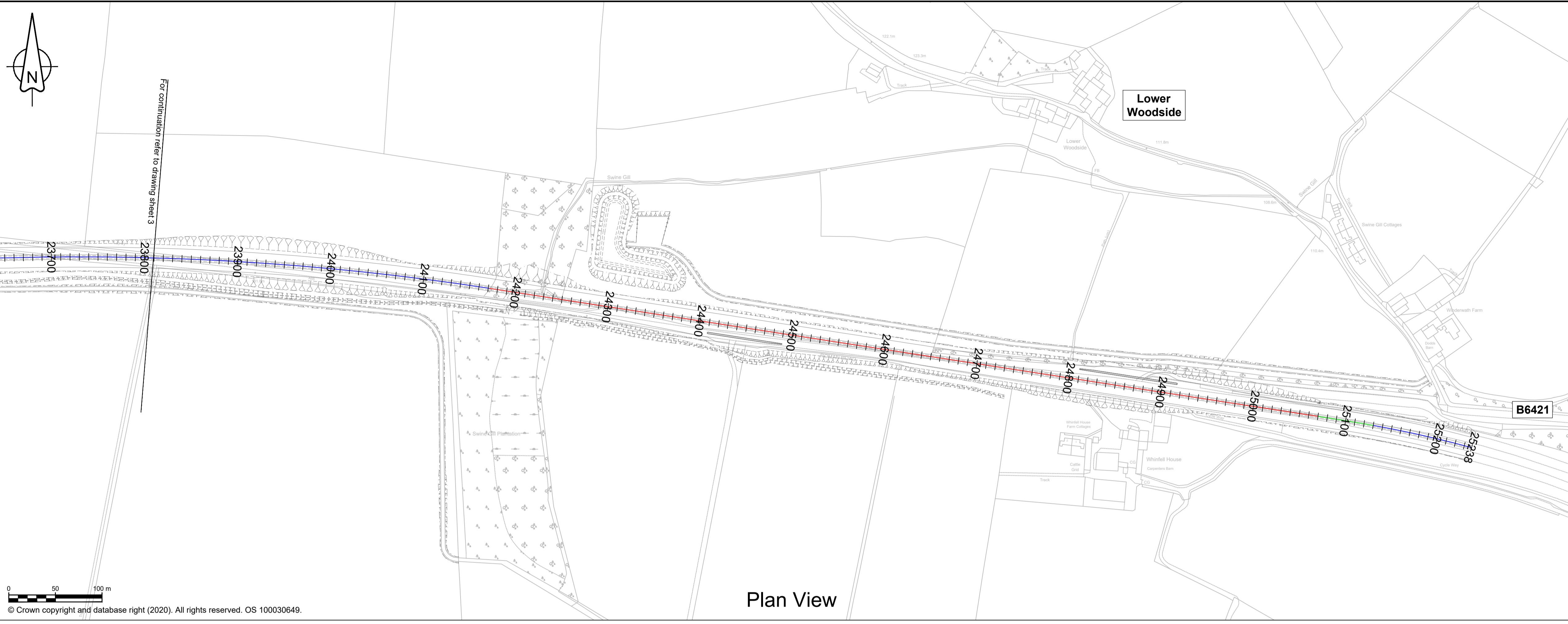
Project Name
A66 Northern Trans-Pennine

Drawing Title
**Penrith to Temple Sowerby
 Plan and Profile Mainline
 Sheet 3 of 4**

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

Drawing Number
 Project | Originator | Volume |
HE565627 - AMY - HML -
 S03 -DR-CH- 100003
 Location | Type | Role | Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P02



NOTES

- ALL DIMENSIONS ARE IN METRES ABOVE DATUM UNLESS NOTED OTHERWISE.
- THE DESIGN SHOWN ON THESE ENGINEERING SECTION DRAWINGS IS ILLUSTRATIVE AND WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT.

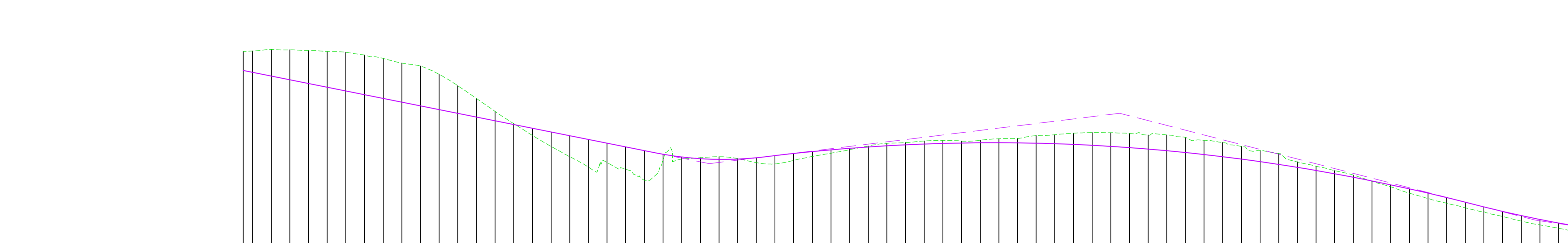
KEY

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



PROPOSED LEVELS	SURVEY LEVELS	LEVEL DIFFERENCE	HORIZONTAL	VERTICAL	SUPERELEVATION	CHAINAGE
133.545	132.566	-0.945	R: 2880.000m L: 514.043m	G = -2.000% L = 714.182		23700.00
130.345	132.631	-2.286				23820.00
129.945	132.798	-2.854	L = 898.687m	G = Vertical L = 0.000 R = 3700.000 L = 119.444 G = Vertical L = 0.000		23960.00
129.545	132.754	-3.209				23980.00
129.145	132.693	-3.548				24000.00
128.745	132.583	-3.839				24020.00
128.345	132.494	-4.149				24040.00
127.945	132.194	-4.250				24060.00
127.545	131.640	-4.296				24080.00
127.145	131.338	-4.194				24100.00
126.745	131.017	-4.272				24120.00
126.345	130.127	-3.783				24140.00
125.945	128.908	-2.963	24160.00			
125.545	127.538	-1.994	24180.00			
125.145	126.151	-1.007	24200.00			
124.745	124.835	-0.091	24220.00			
124.345	123.573	0.771	24240.00			
123.945	122.394	1.550	24260.00			
123.545	121.291	2.254	24280.00			
123.145	120.181	2.963	24300.00			
122.745	120.674	2.071	24320.00			
122.345	119.960	2.365	24340.00			
121.945	118.770	3.174	24360.00			
121.558	120.920	0.638	24380.00			
121.267	121.040	0.227	24400.00			
121.084	121.164	-0.101	24420.00			
121.008	121.290	-0.282	24440.00			
121.041	121.096	-0.055	24460.00			
121.182	120.660	0.522	24480.00			
121.413	120.530	0.883	24500.00			
121.638	120.895	0.743	24520.00			
121.843	121.324	0.519	24540.00			
122.028	121.665	0.364	24560.00			
122.193	122.046	0.147	24580.00			
122.338	122.441	-0.102	24600.00			
122.463	122.734	-0.271	24620.00			
122.568	122.809	-0.241	24640.00			
122.653	122.976	-0.323	24660.00			
122.718	123.032	-0.314	24680.00			
122.763	122.968	-0.206	24700.00			
122.788	123.062	-0.273	24720.00			
122.793	123.222	-0.429	24740.00			
122.778	123.256	-0.478	24760.00			
122.743	123.357	-0.613	24780.00			
122.688	123.658	-0.970	24800.00			
122.613	123.817	-1.204	24820.00			
122.518	123.887	-1.369	24840.00			
122.403	123.870	-1.466	24860.00			
122.268	123.792	-1.523	24880.00			
122.113	123.610	-1.497	24900.00			
121.938	123.635	-1.697	24920.00			
121.743	123.357	-1.614	24940.00			
121.528	123.057	-1.528	24960.00			
121.293	122.817	-1.524	24980.00			
121.038	122.393	-1.355	25000.00			
120.763	121.968	-1.205	25020.00			
120.468	121.633	-1.165	25040.00			
120.153	120.726	-0.573	25060.00			
119.818	120.279	-0.461	25080.00			
119.463	119.793	-0.330	25100.00			
119.088	119.324	-0.236	25120.00			
118.693	118.648	0.045	25140.00			
118.278	118.067	0.211	25160.00			
117.843	117.394	0.459	25180.00			
117.388	116.807	0.581	25200.00			
116.913	116.302	0.611	25220.00			
116.418	115.804	0.614	25240.00			
115.910	115.376	0.535	25260.00			
115.429	114.887	0.542	25280.00			
114.981	114.393	0.588	25300.00			
114.565	113.977	0.588	25320.00			
114.182	113.625	0.557	25340.00			

Revision	Created	Checked	Reviewed	Approved	Authorised
dd/mm/yy	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

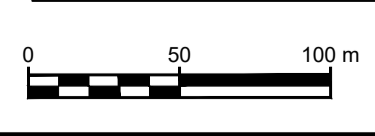
Project Name
A66 Northern Trans-Pennine

Drawing Title
**Penrith to Temple Sowerby
 Plan and Profile Mainline
 Sheet 4 of 4**

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

Drawing Number
HE565627 - AMY - HML -
S03 -DR-CH- 100004

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P02



Scale H 1:2500; V 1:250

Profile View