

M5 Junction 10 Improvements Scheme

Engineering Drawings and Sections Part 1 of 3 TR010063 - APP 2.10

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

Planning Act 2008

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

Volume 2

December 2023

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**Infrastructure Planning
Planning Act 2008**

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

**M5 Junction 10 Improvements Scheme
Development Consent Order 202[x]**

**Engineering Drawings and Sections
Part 1 of 3**

Regulation Number:	Regulation 5(2)o, 5(2)(p) and 6(2)
Planning Inspectorate Scheme Reference	TR010063
Application Document Reference	TR010063 – APP 2.10
Author:	M5 Junction 10 Improvements Scheme Project Team

Version	Date	Status of Version
Rev 0	December 2023	DCO Application

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1. Schedule of Plans included in this application document

1.1. List of Drawings Part 1

Document title	Document number	Version
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 01 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 02 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation (2)(o) and 6(2) Sheet 03 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 04 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 05 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 06 and 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Plan and Profiles) Regulation 5(2)(o) and 6(2) Sheet 07 of 07	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 01 of 08	TR010063 – APP 2.10	C01

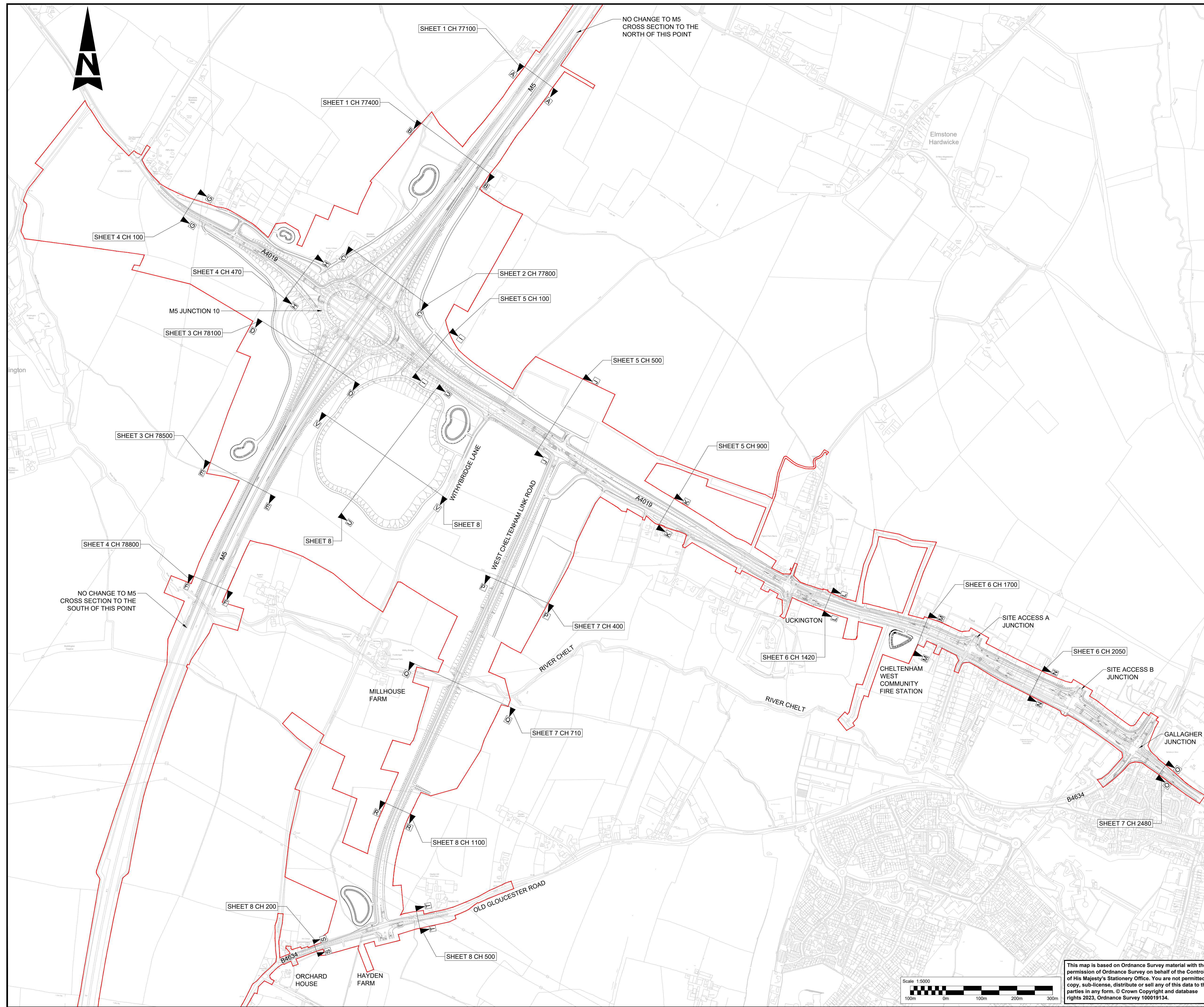
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Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 02 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 03 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 04 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 05 of 08	TR010063 – APP 2.10	C01
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Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 07 of 08	TR010063 – APP 2.10	C01
Engineering Drawings and Sections (Cross Sections) Regulation 5(2)(o) and 6(2) Sheet 08 of 08	TR010063 – APP 2.10	C01

1.2. List of Drawings Part 2

Document title	Document number	Version
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 1 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 2 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 3 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 4 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 5 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 6 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 7 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 8 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 9 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 10 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 11 of 12	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Structural Details Sheet 12 of 12	TR010063 – APP 2.10	C01

1.3. List of Drawings Part 3

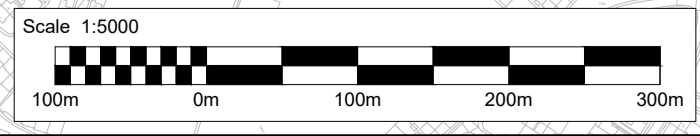
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Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings - Key Plan	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings – Sheet 1 of 2	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Landscape Section Drawings – Sheet 2 of 2	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Environmental Barrier Sheet 1 of 1	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Road Restraint System Sheet 1 of 1	TR010063 – APP 2.10	C01
Engineering Drawings and Sections Regulation 5(2)(o) and 6(2) Typical Detail Lighting Column and Foundation Sheet 1 of 1	TR010063 – APP 2.10	C01



- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (CROSS SECTIONS) SHEET 01 TO 08.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
- KEY:**
- EXISTING ORDNANCE SURVEY DATA
 - DEVELOPMENT CONSENT ORDER (DCO) LIMITS
 - SECTION MARKER

NO CHANGE TO M5 CROSS SECTION TO THE SOUTH OF THIS POINT

NO CHANGE TO M5 CROSS SECTION TO THE NORTH OF THIS POINT



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A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
ENGINEERING SECTION DRAWINGS (CROSS SECTIONS) REGULATION 5(2)(o) & 6(2) KEY PLAN

Drawing Number
TR010063/APP/2.10

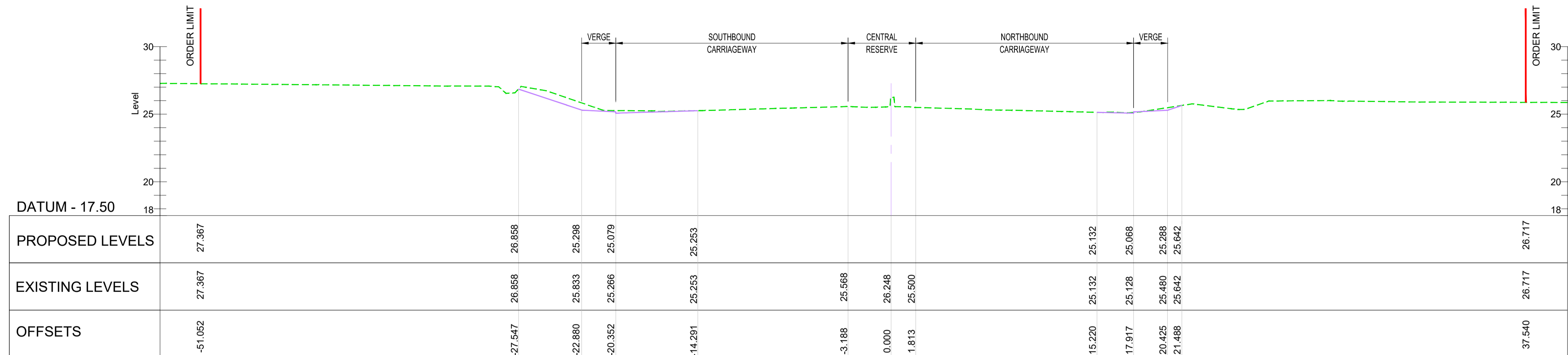
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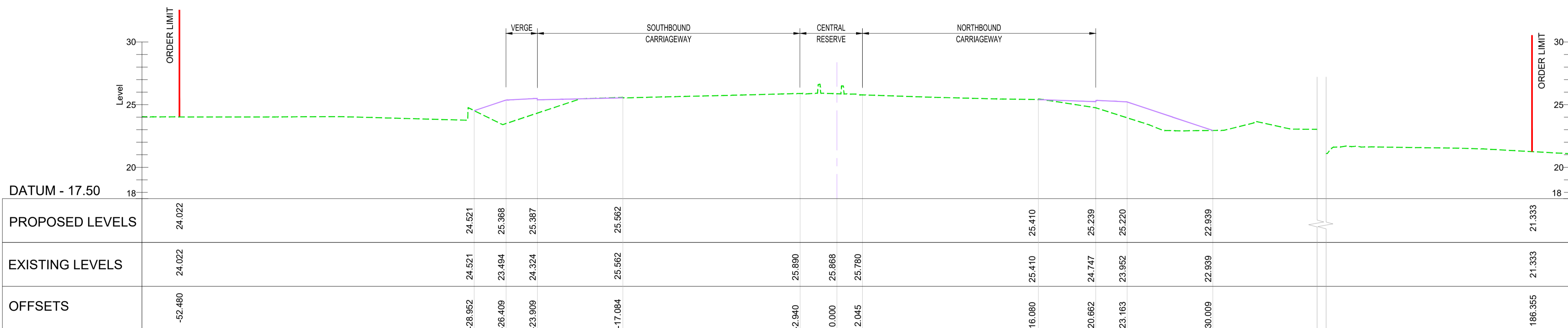
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2. THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
3. FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

KEY

- PROPOSED VERTICAL DESIGN LEVEL
- - - EXISTING GROUND LEVEL



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SCALE - 1:200



TYPICAL SECTION B-B - M5 MAINLINE - CH 77400
SCALE - 1:200

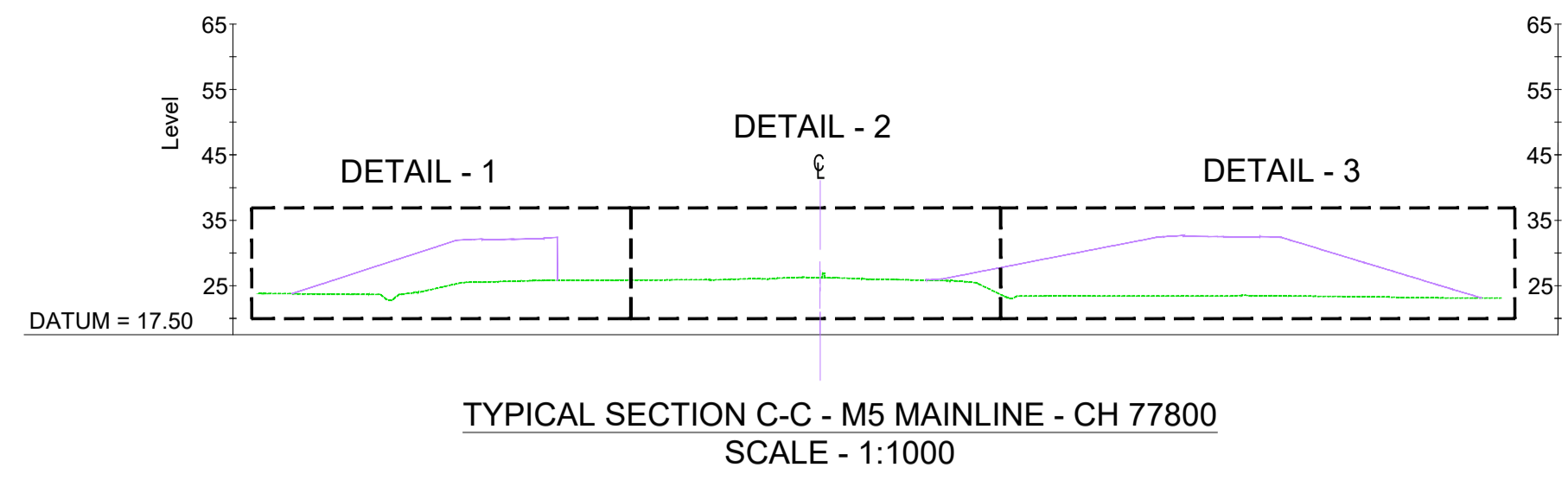
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A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
**ENGINEERING SECTION DRAWINGS
(CROSS SECTIONS)
REGULATION 5(2)(o) & 6(2)
SHEET 01 OF 08**

Drawing Number
TR010063/APP/2.10

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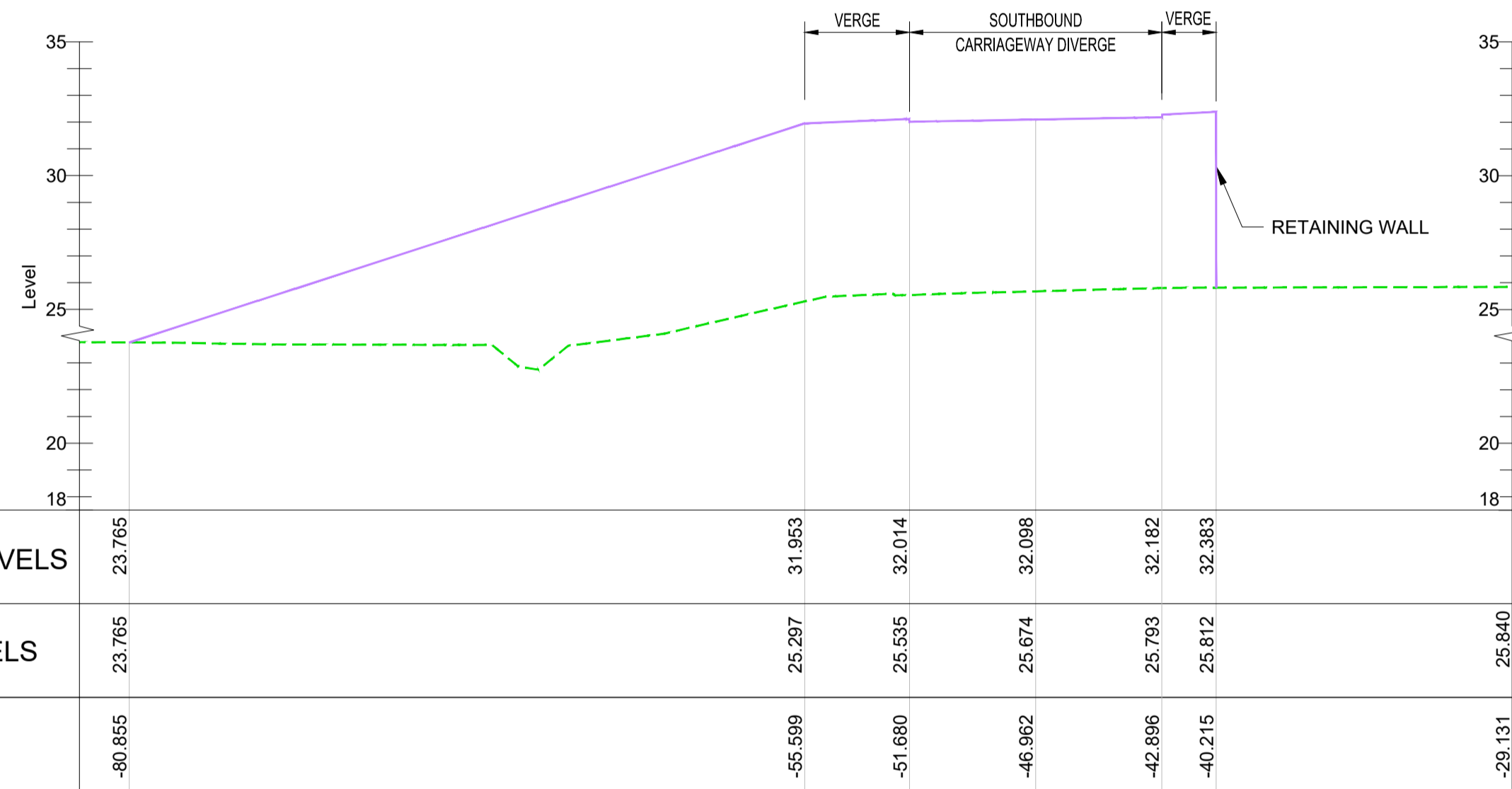


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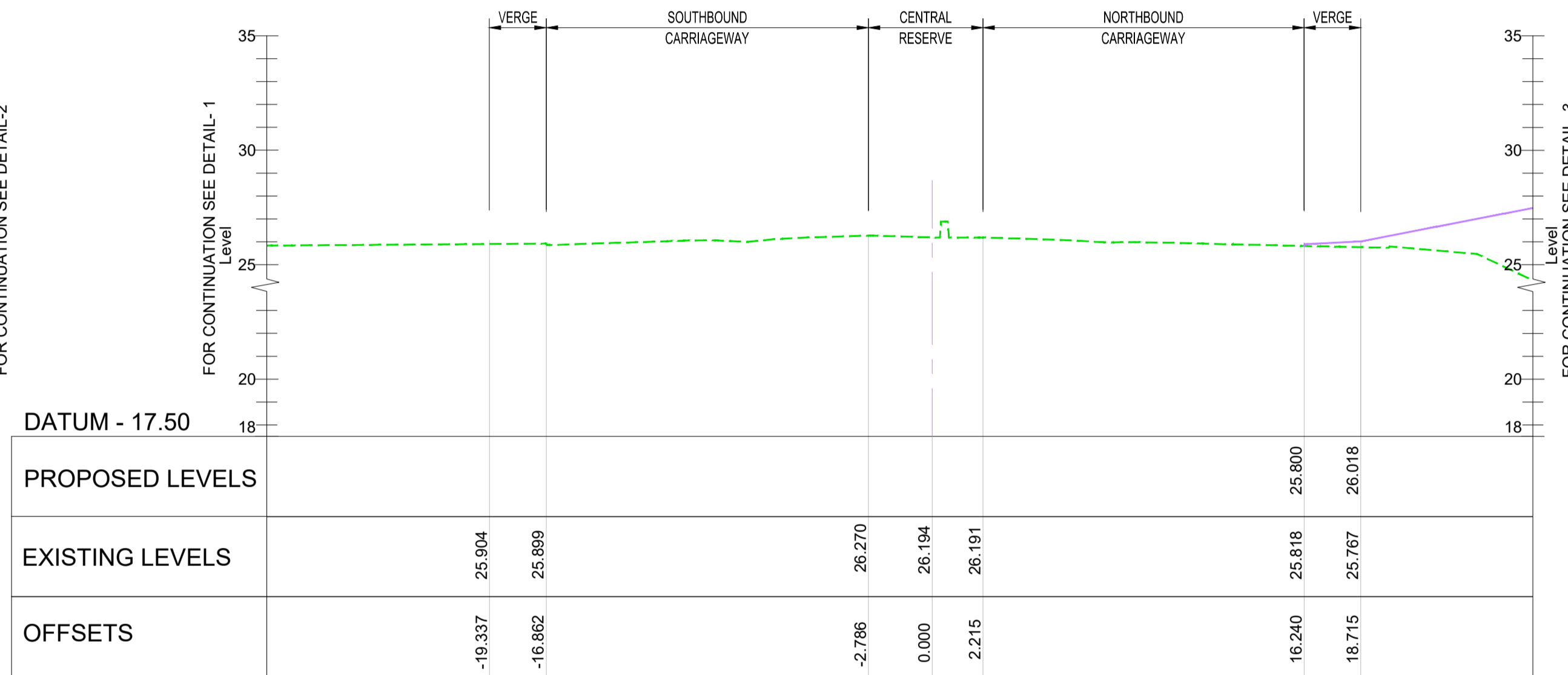
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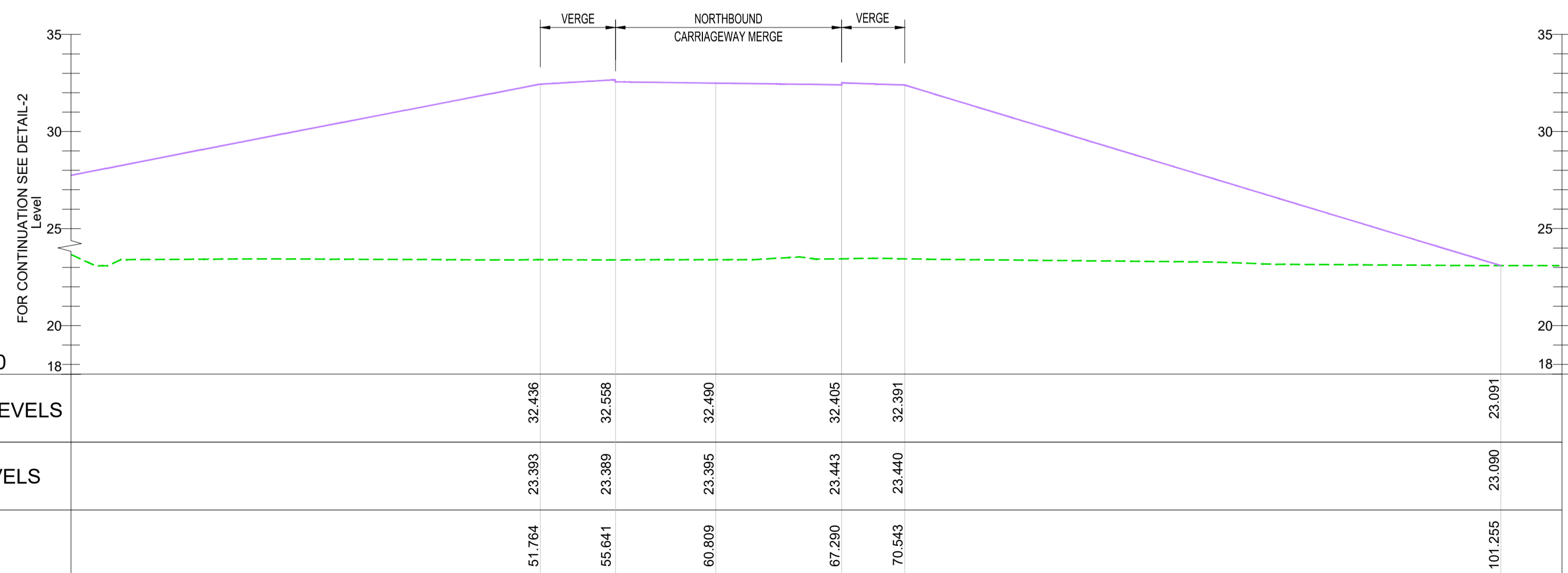
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SCALE - 1:200



TYPICAL SECTION C-C - M5 MAINLINE - CH 77800 (DETAIL-2)
SCALE - 1:200



TYPICAL SECTION C-C - M5 MAINLINE - CH 77800 (DETAIL-3)
SCALE - 1:200

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A1	C01	NKRP	CJ	HC	BM	18/10/23
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M5 Junction 10 Improvements Scheme	
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TR010063/APP/2.10	

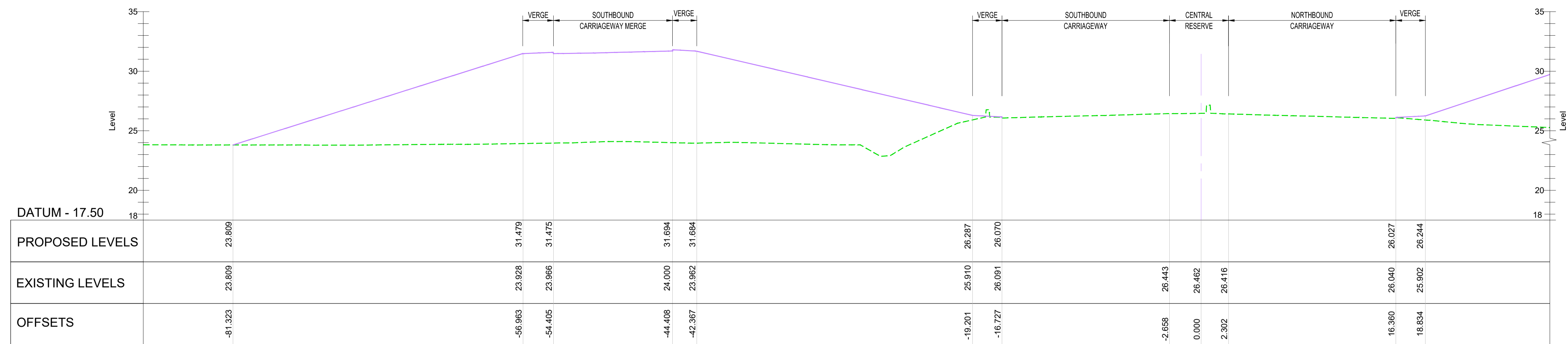
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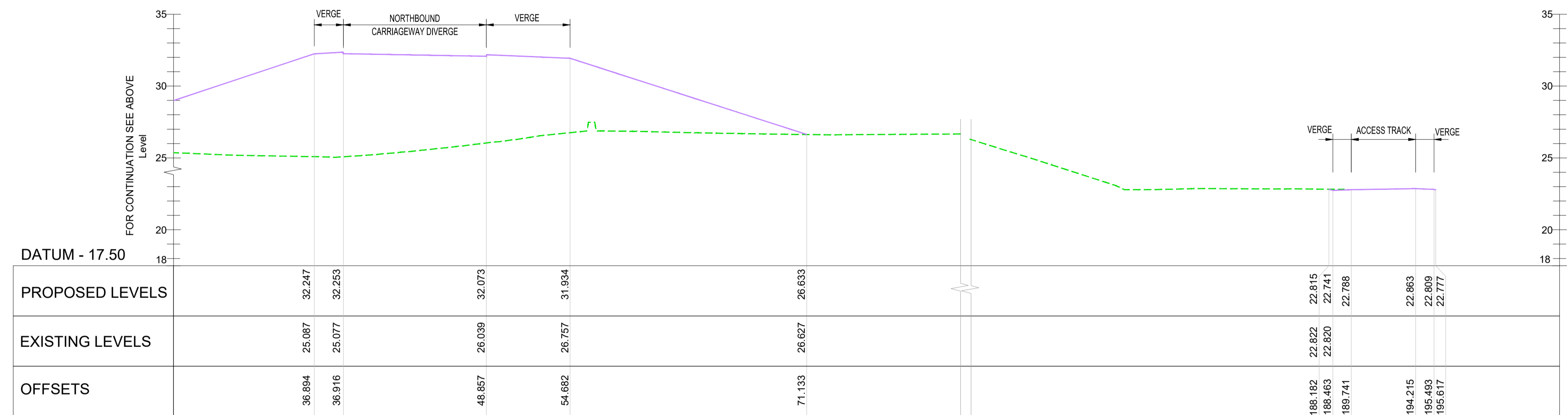
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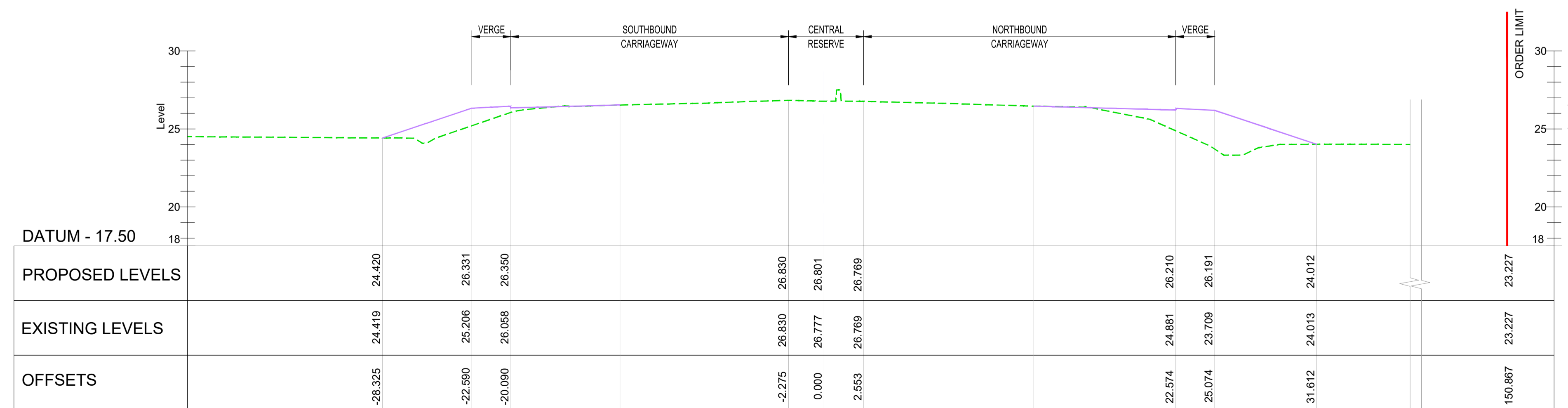
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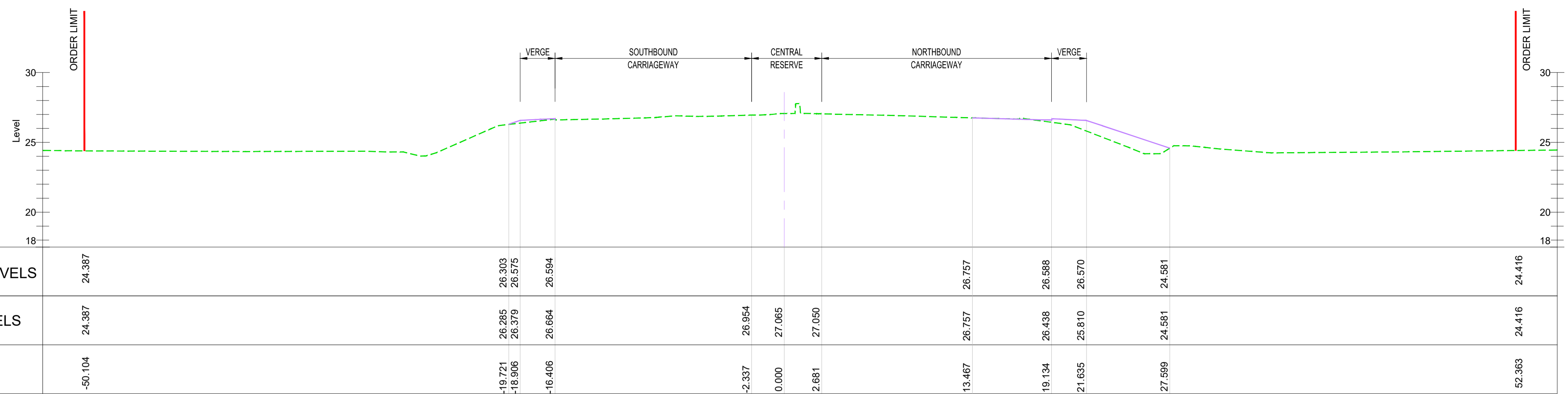


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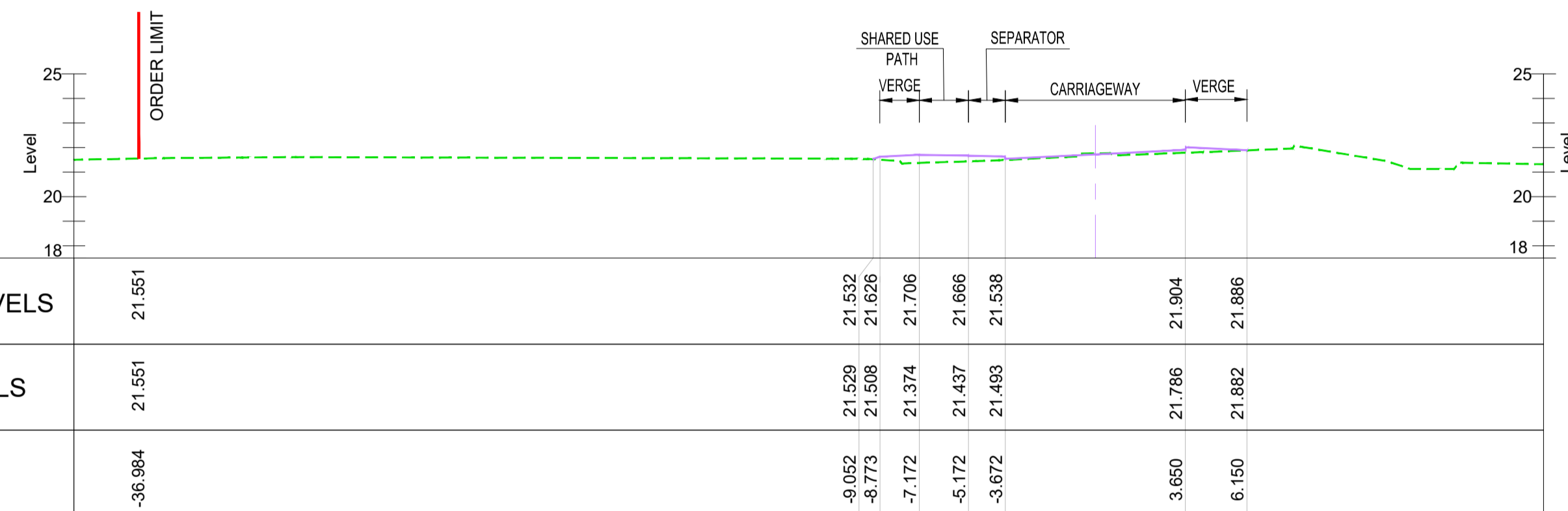


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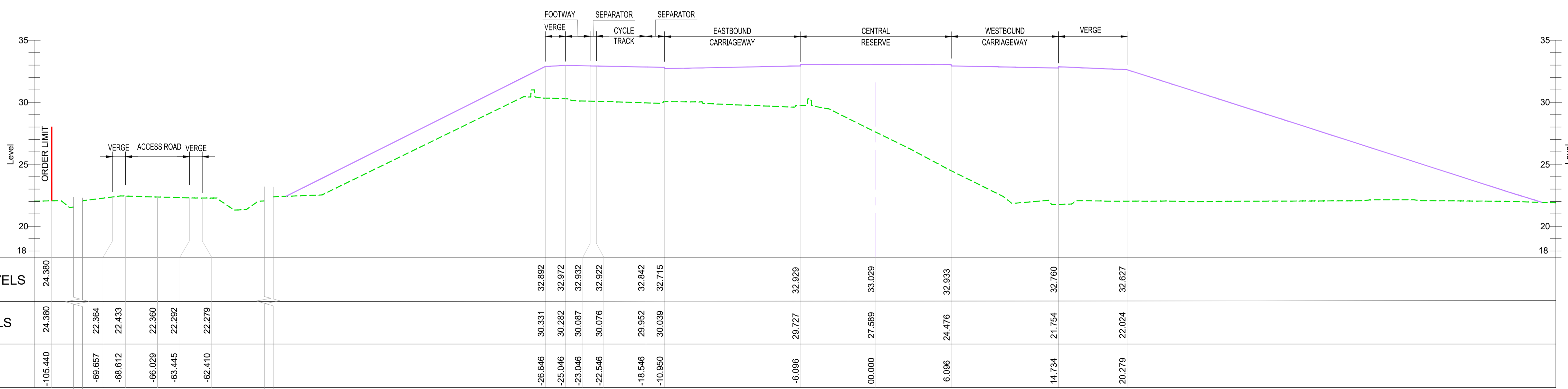
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TYPICAL SECTION F-F - M5 MAINLINE - CH 78800
SCALE - 1:200



TYPICAL SECTION G-G - A4019 WEST APPROACH TO JUNCTION 10 CH 100
SCALE - 1:200



TYPICAL SECTION H-H - A4019 WEST APPROACH TO JUNCTION 10 CH 470
SCALE - 1:200

NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
- FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

KEY

PROPOSED VERTICAL DESIGN LEVEL
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A1	C01	NKRP	CJ	HC	BM	18/10/23

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Project Title: **M5 Junction 10 Improvements Scheme**

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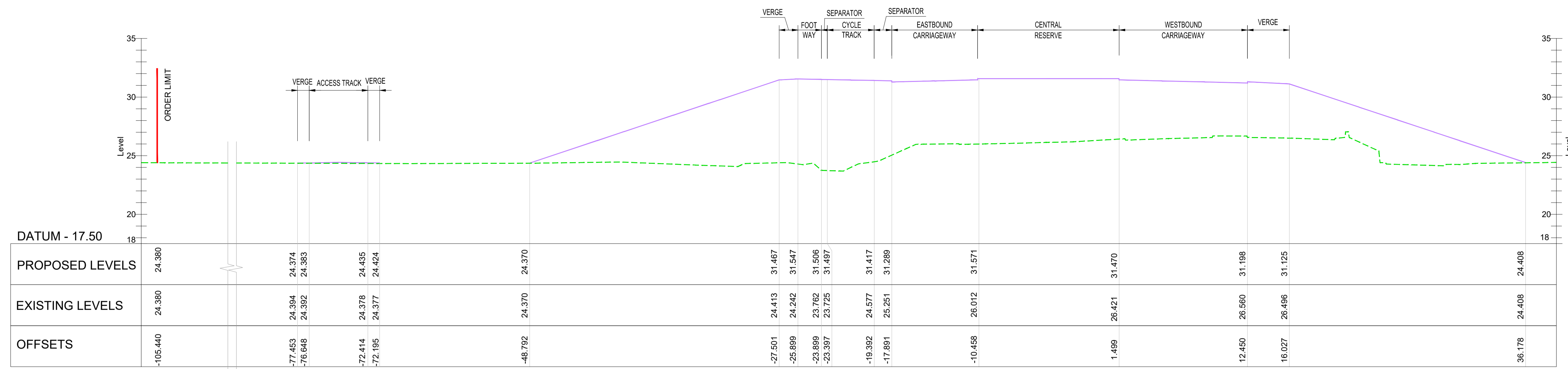
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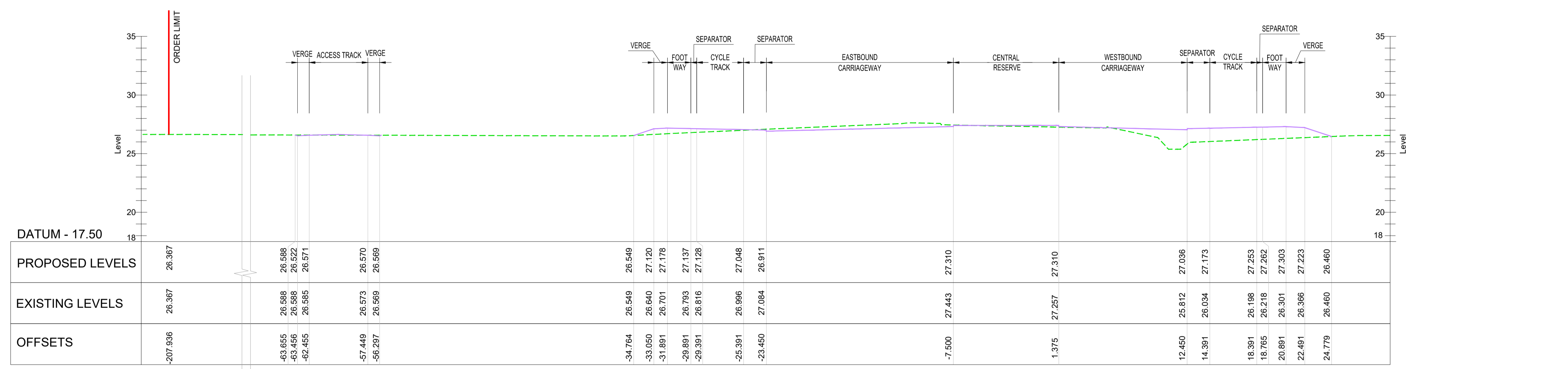
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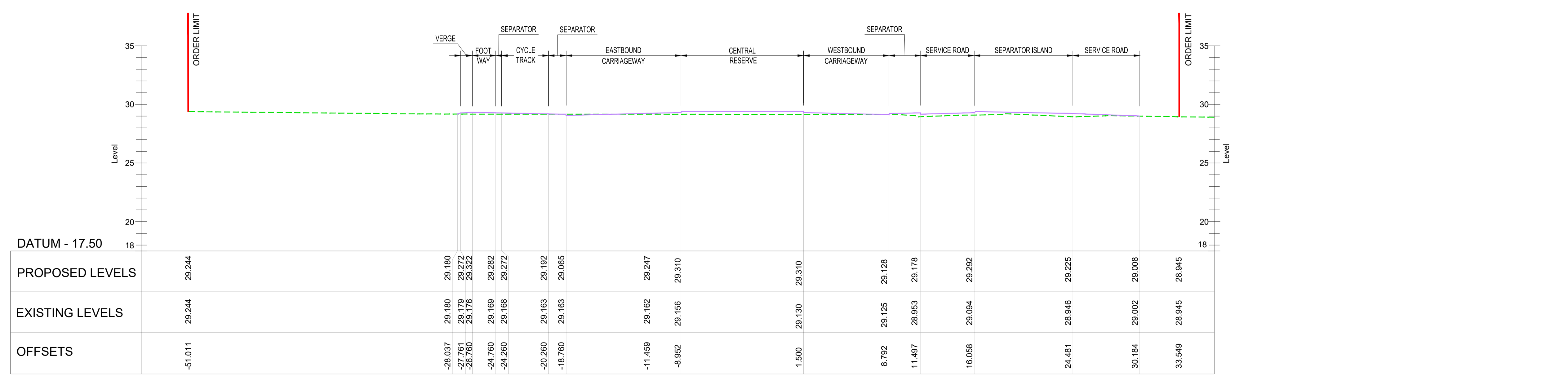
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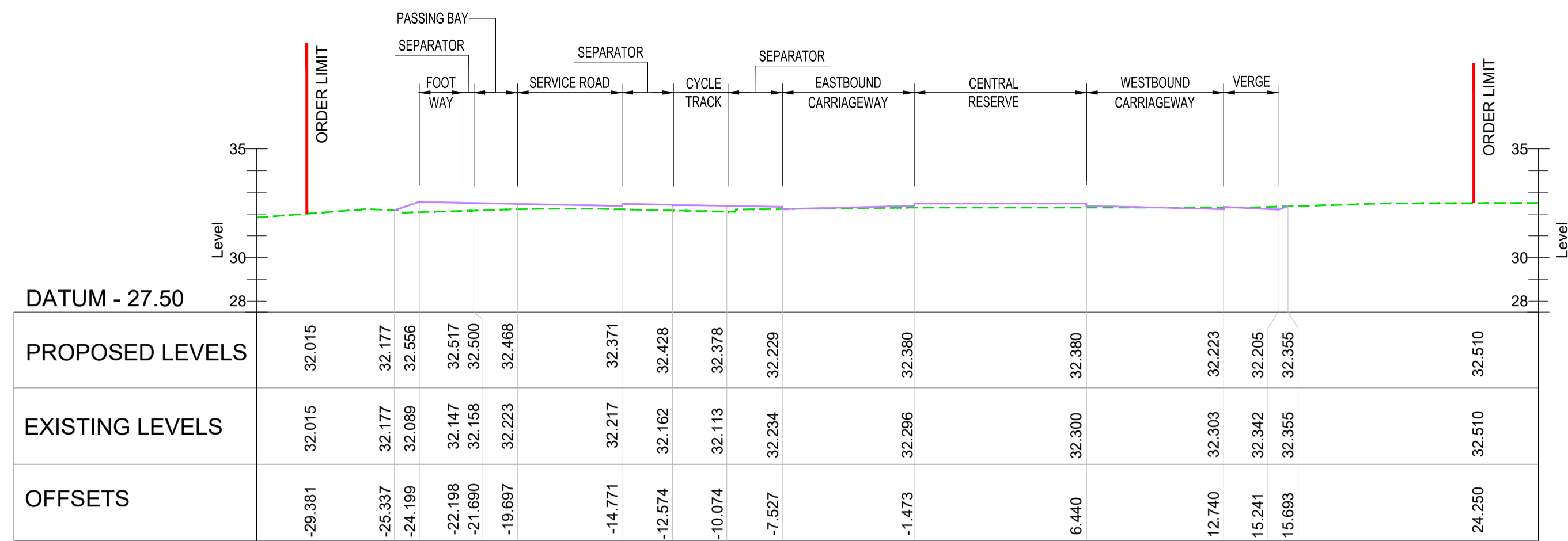


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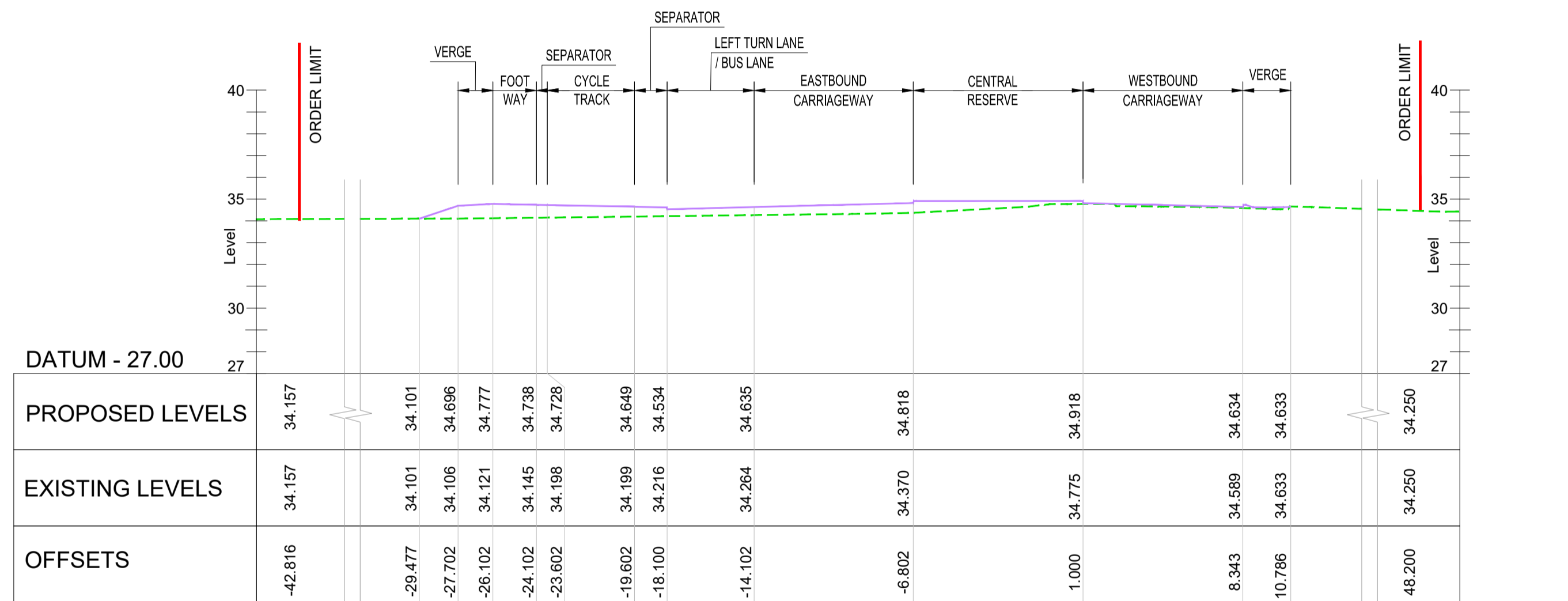


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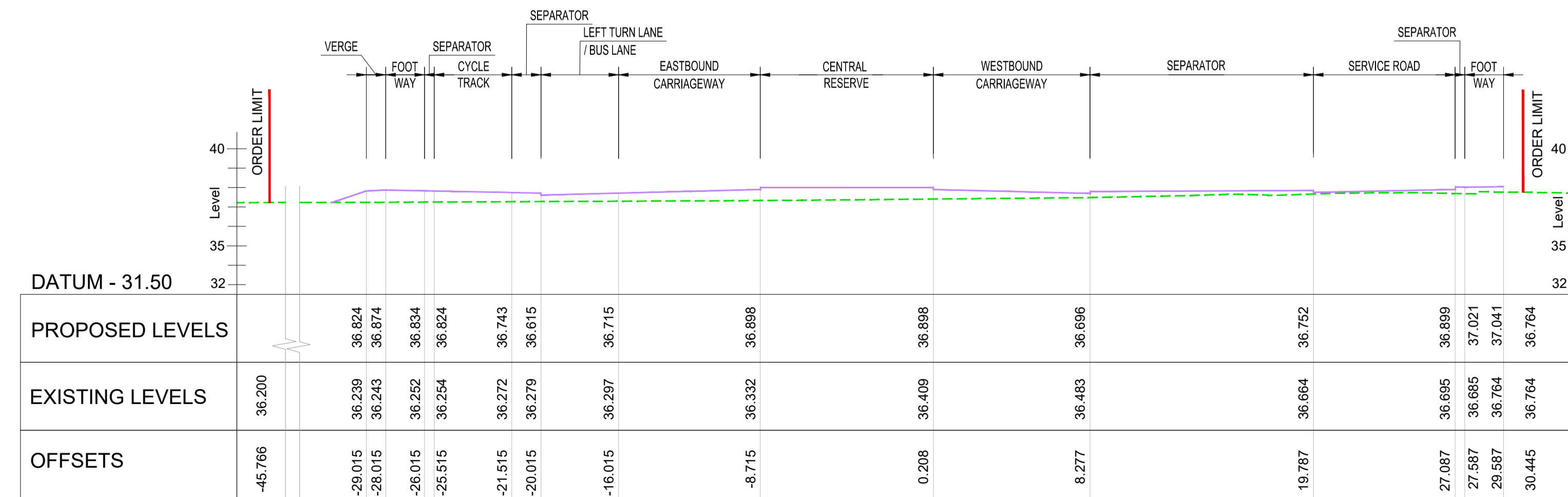
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Drawing Title									
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Drawing Number									
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Original Size	A1	Scale	1:200	Project Ref. No.	5197035	Sheet	5 of 8	Rev.	C01



TYPICAL SECTION L-L - A4019 MAINLINE CH 1420
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TYPICAL SECTION M-M - A4019 MAINLINE CH 1700
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TYPICAL SECTION N-N - A4019 MAINLINE CH 2050
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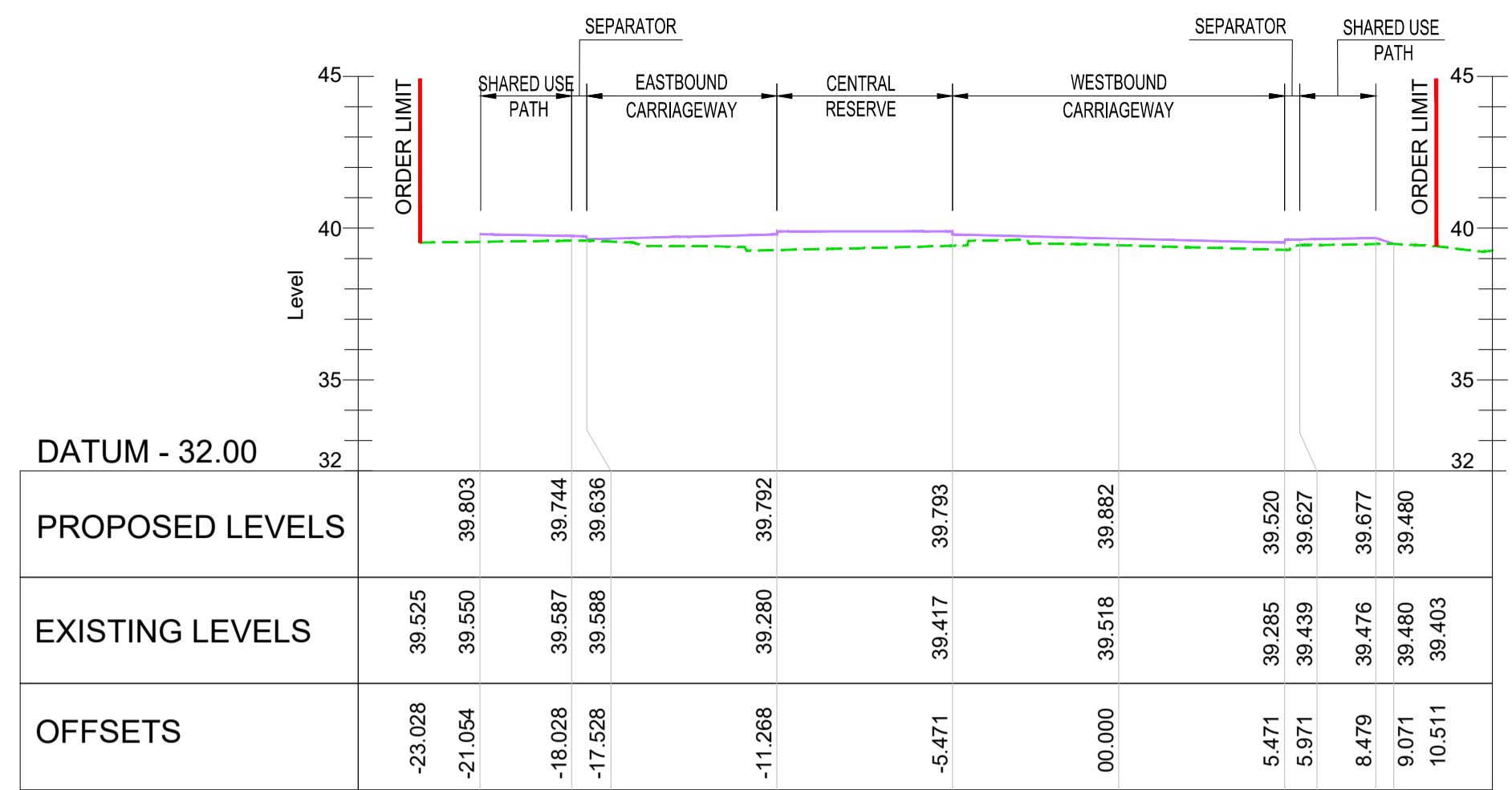
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1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
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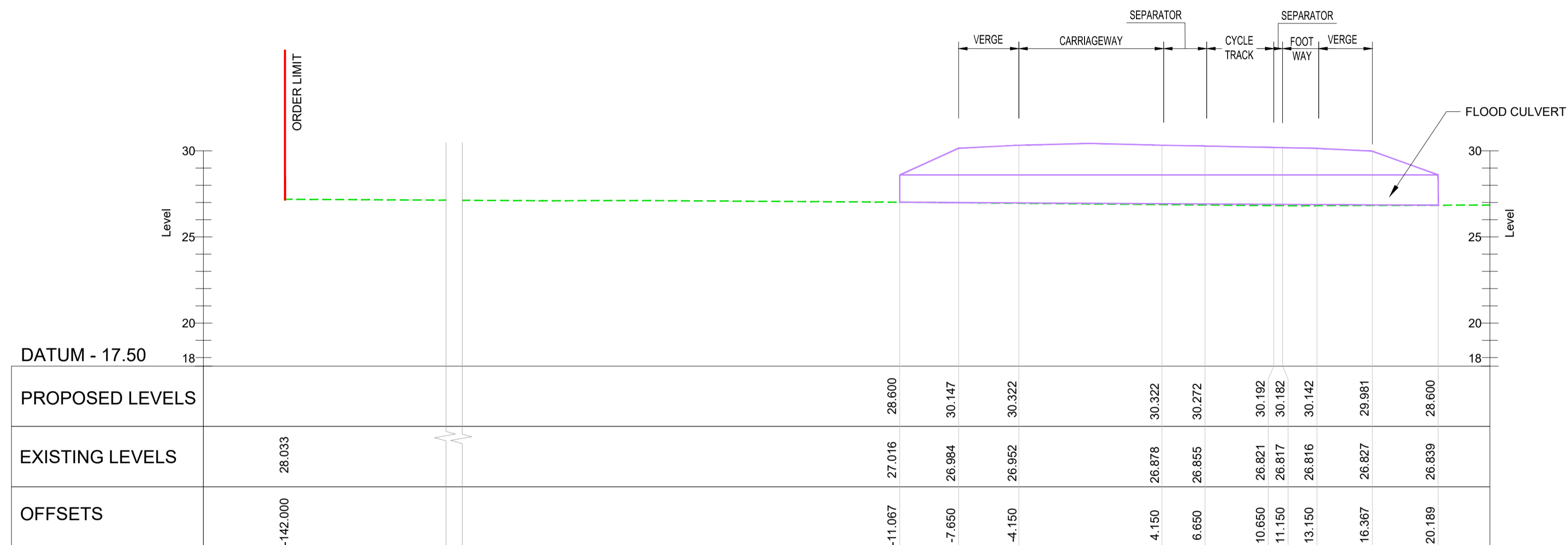
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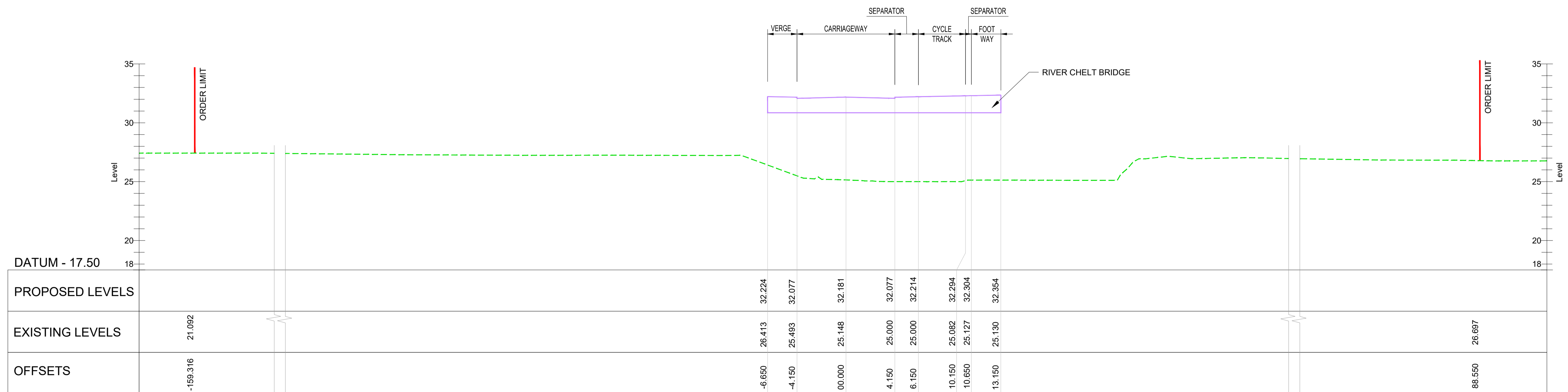
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Original Size:	A1	Scale:	1:200	Project Ref. No.:	5197035	Sheet:	6 of 8	Rev:	C01



TYPICAL SECTION O-O - A4019 MAINLINE CH 2480
SCALE - 1:200



TYPICAL SECTION P-P - WEST CHELTENHAM LINK ROAD CH 400
SCALE - 1:200



TYPICAL SECTION Q-Q - WEST CHELTENHAM LINK ROAD CH 710
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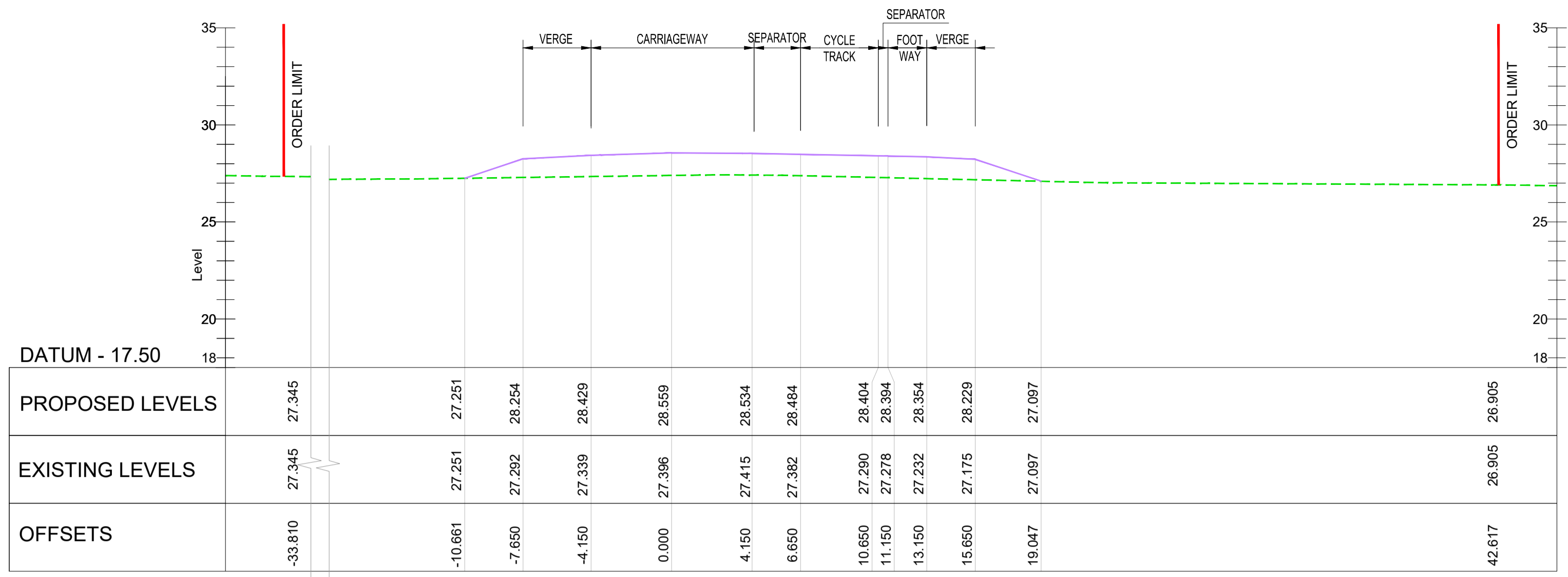
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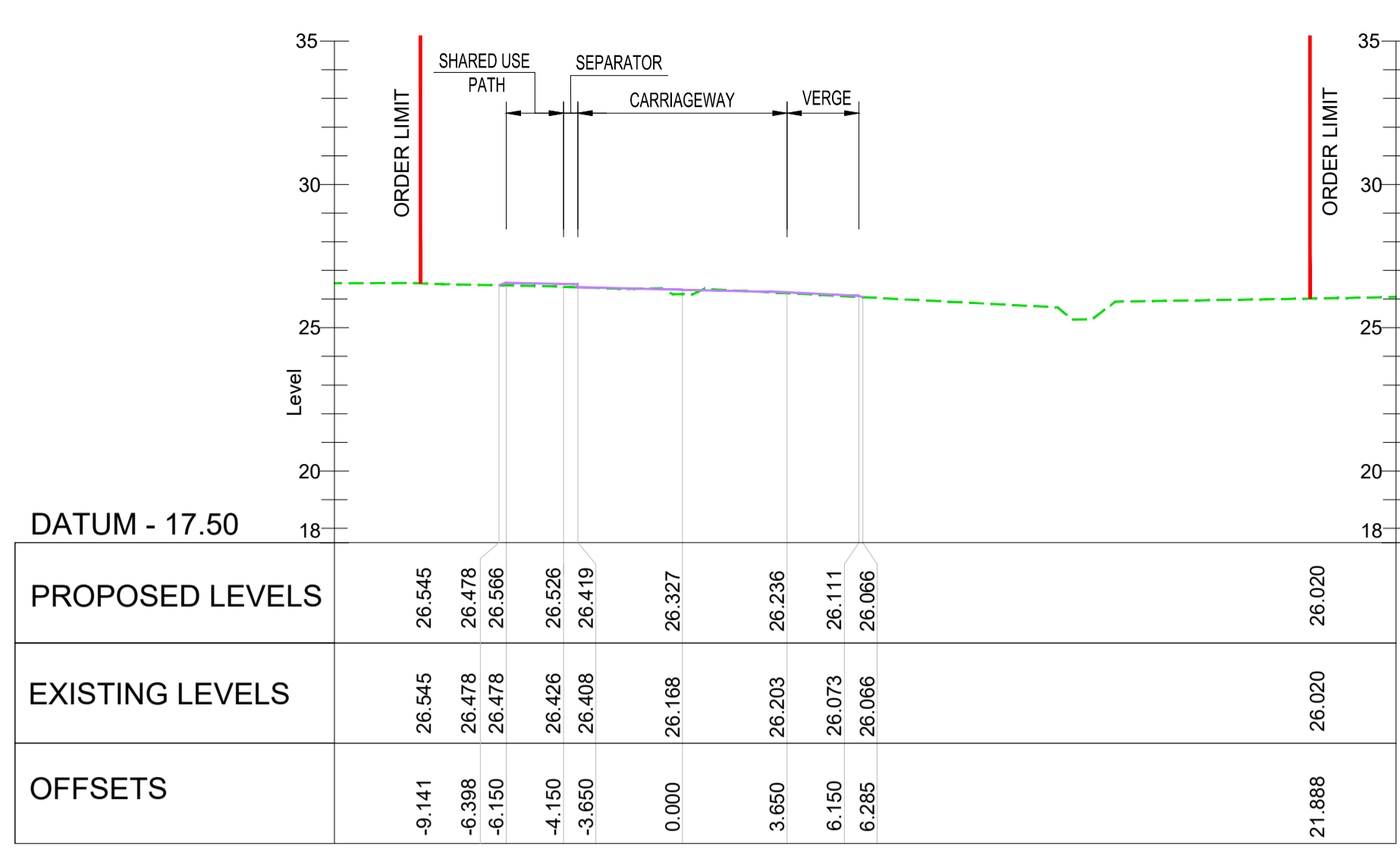
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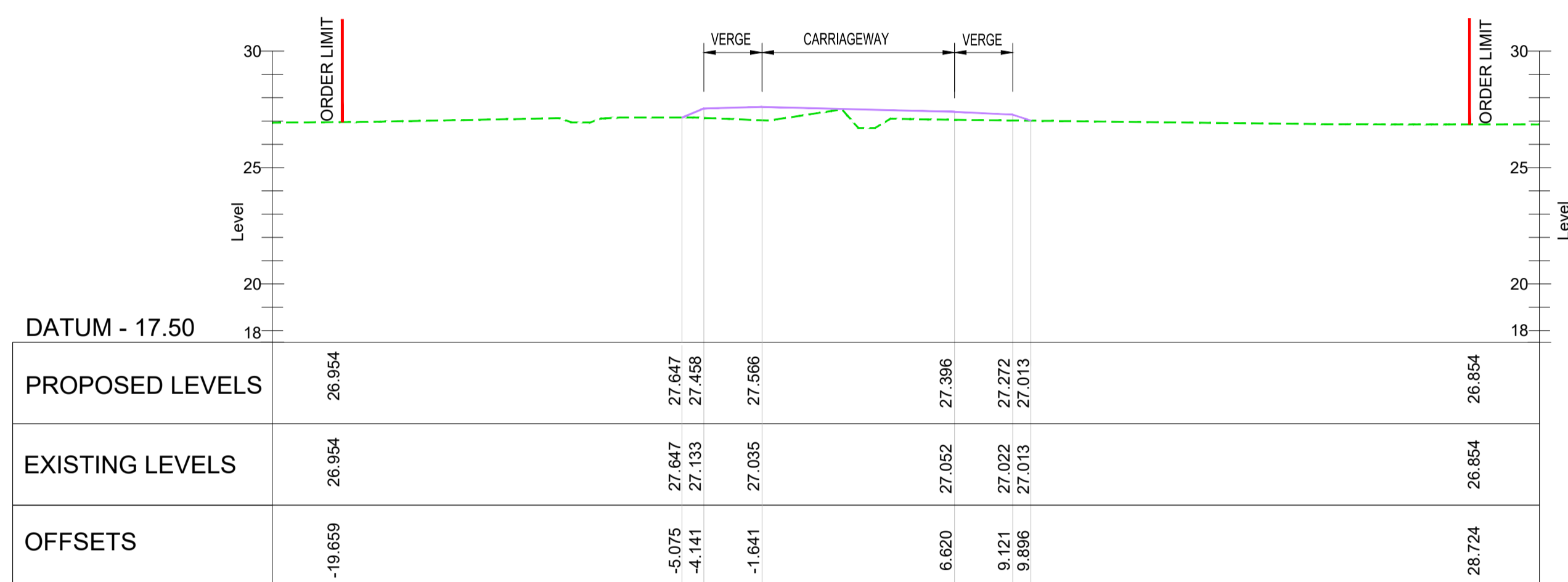
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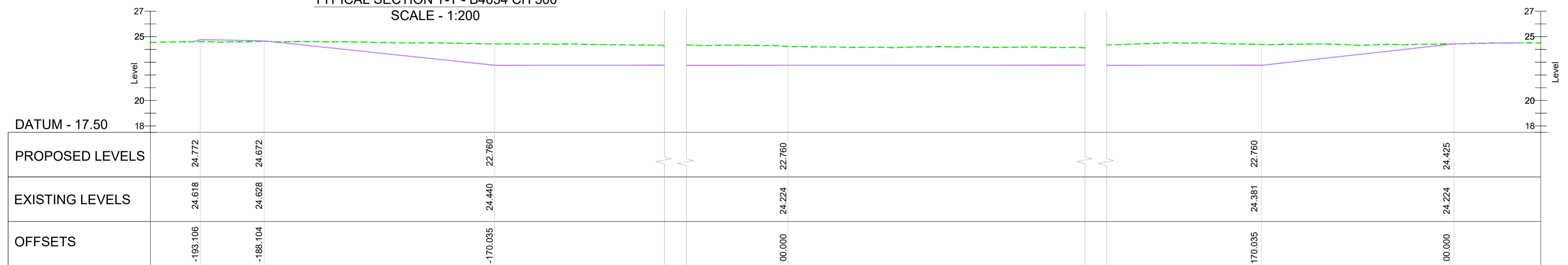
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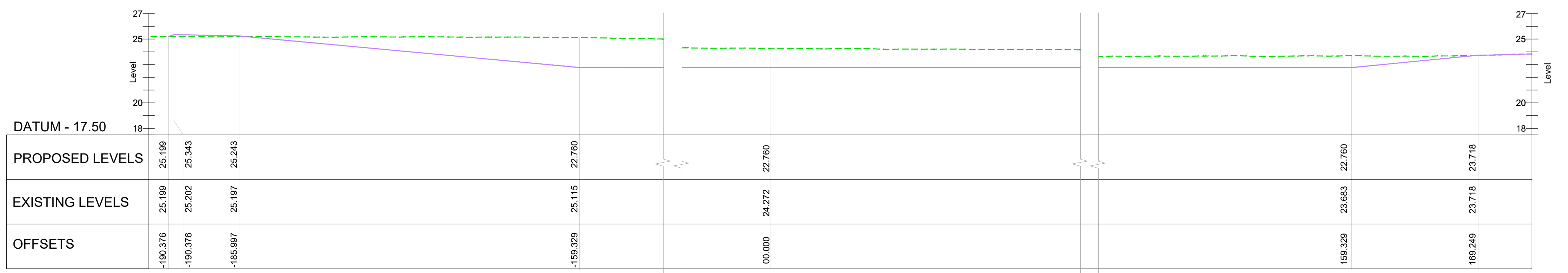
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TYPICAL SECTION T-T - B4634 CH 500
SCALE - 1:200



TYPICAL SECTION U-U - FLOOD MITIGATION AREA
SCALE - 1:200



TYPICAL SECTION V-V - FLOOD MITIGATION AREA
SCALE - 1:200

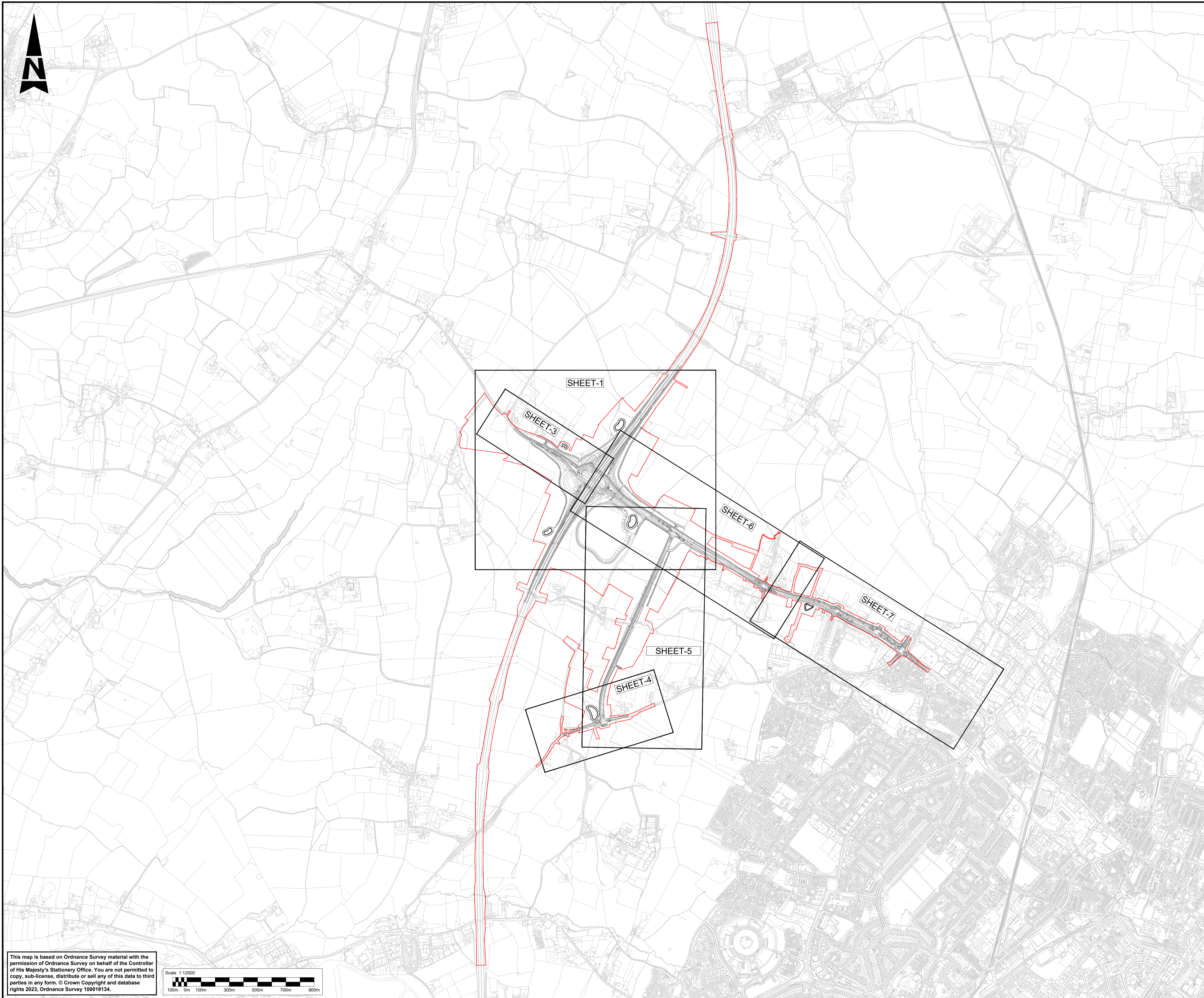
NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALONGSIDE THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
3. FOR CHAINAGE PLEASE REFER TO THE ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).

KEY

- PROPOSED VERTICAL DESIGN LEVEL
- - - EXISTING GROUND LEVEL

Description									
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date			
Description									
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date			
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FIRST SUBMISSION									
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A1	C01	NKRP	CJ	HC	BM	18/10/23			
Drawing Suitability						Status			
APPROVED - PUBLISHED						A1			
Project Title									
M5 Junction 10 Improvements Scheme									
Drawing Title									
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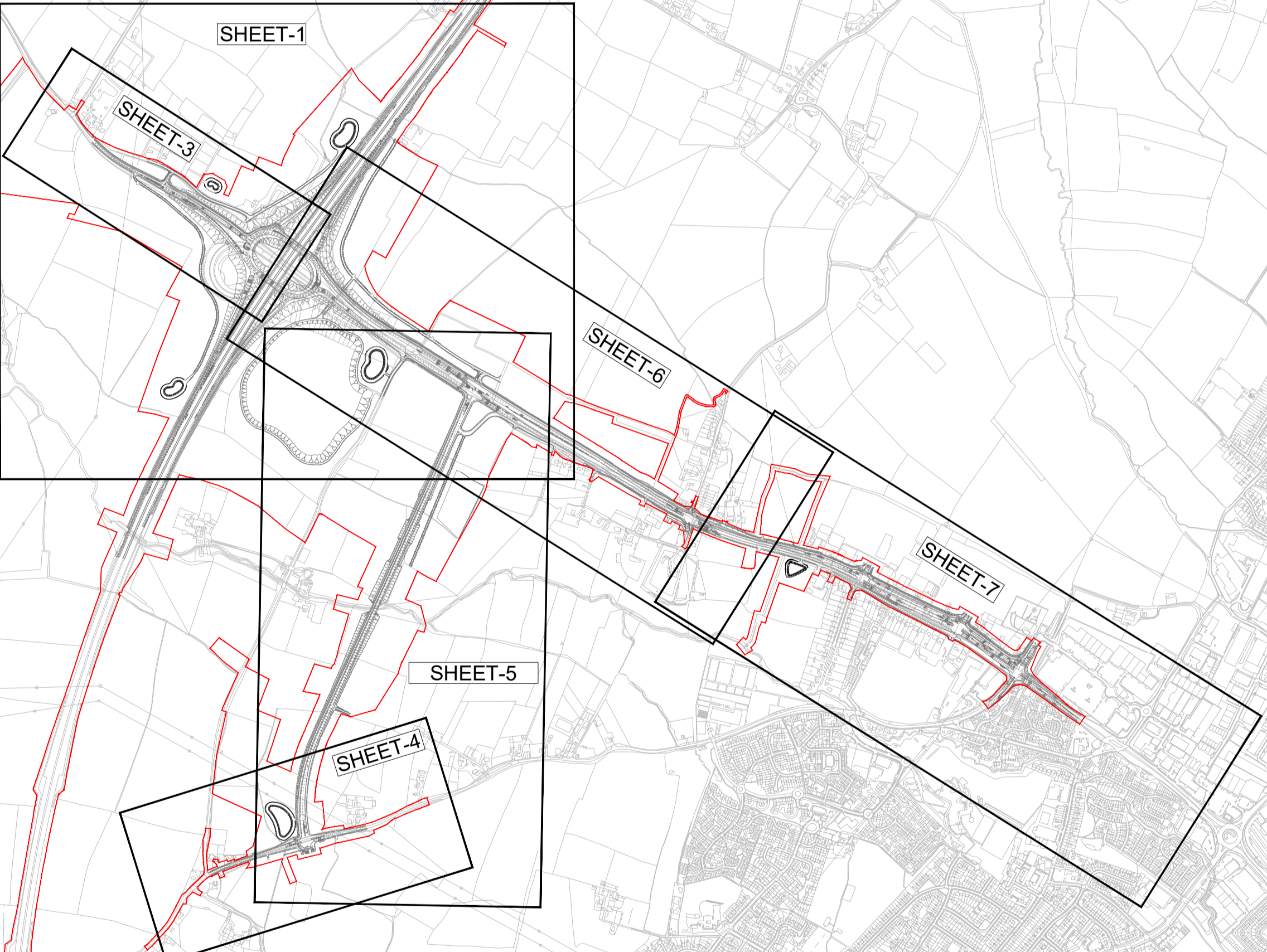


NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES).
2. THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
3. SHEET 2 IS A PROFILE ONLY SHEET AND SHOULD BE READ IN CONJUNCTION WITH THE PLAN SHOWN ON SHEET 1. SHEET 2 DOES NOT CONTAIN A PLAN SO IS THEREFORE NOT SHOWN ON THE PLAN LAYOUT HERE.

KEY:

- SHEET XX SHEET USED AS PART OF THIS DRAWING SERIES
- EXISTING ORDNANCE SURVEY DATA
- DEVELOPMENT CONSENT ORDER (DCO) LIMITS



Description

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

Description

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

Description

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

Description

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date

DESCRIPTION

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
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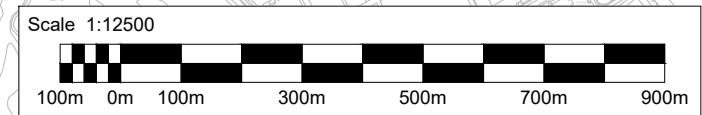
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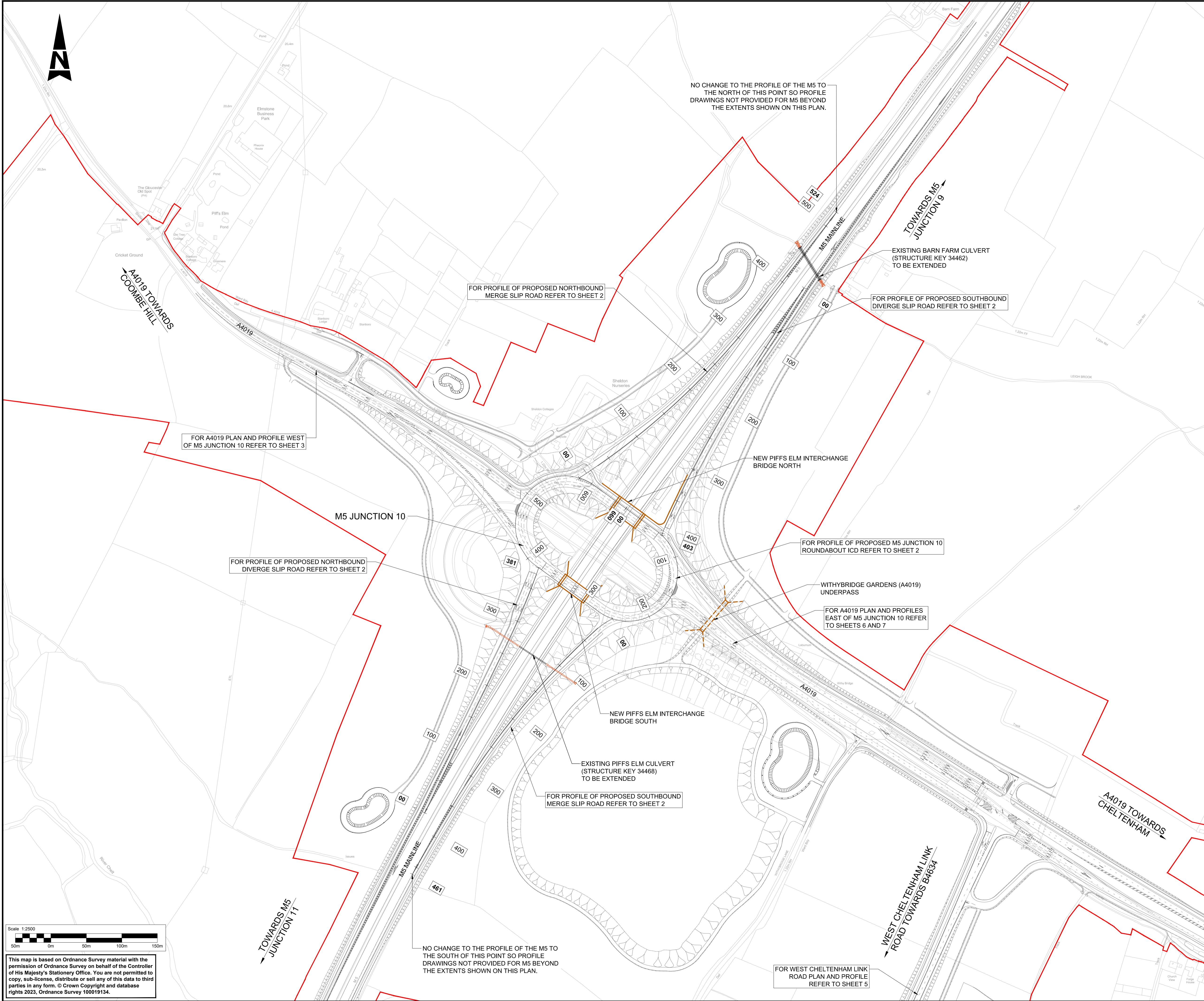
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**ENGINEERING SECTION DRAWINGS
(PLAN AND PROFILES)
REGULATION 5(2)(o) & 6(2)
KEY PLAN**

Drawing Number
TR010063/APP/2.10

Original Size: A1	Scale: 1:12500	Project Ref. No.: 5197035	Sheet: 1 of 1	Rev: C01
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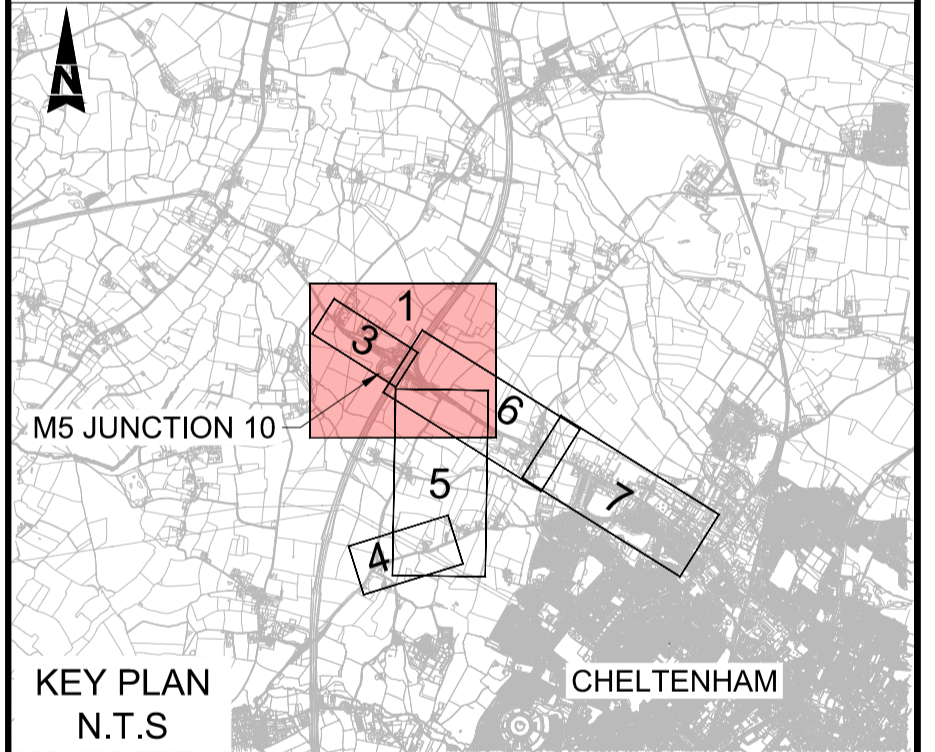


NOTES:

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN AND SHEET 2.
- 2. THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
- 3. RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 4, 5, 6, 11 AND 12

KEY

- DEVELOPMENT CONSENT ORDER (DCO) LIMITS
- CHAINAGE
- PROPOSED BRIDGE STRUCTURE
- - - PROPOSED UNDERPASS
- - - PROPOSED CULVERT STRUCTURE
- EXISTING CULVERT STRUCTURE
- - - EXISTING CULVERT TO BE EXTENDED
- ✠ EXISTING ORDNANCE SURVEY DATA



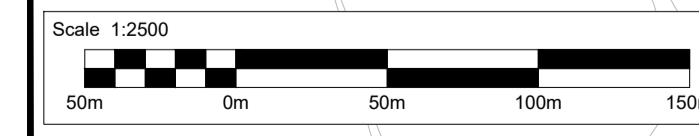
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Drawing Suitability							Status
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Project Title
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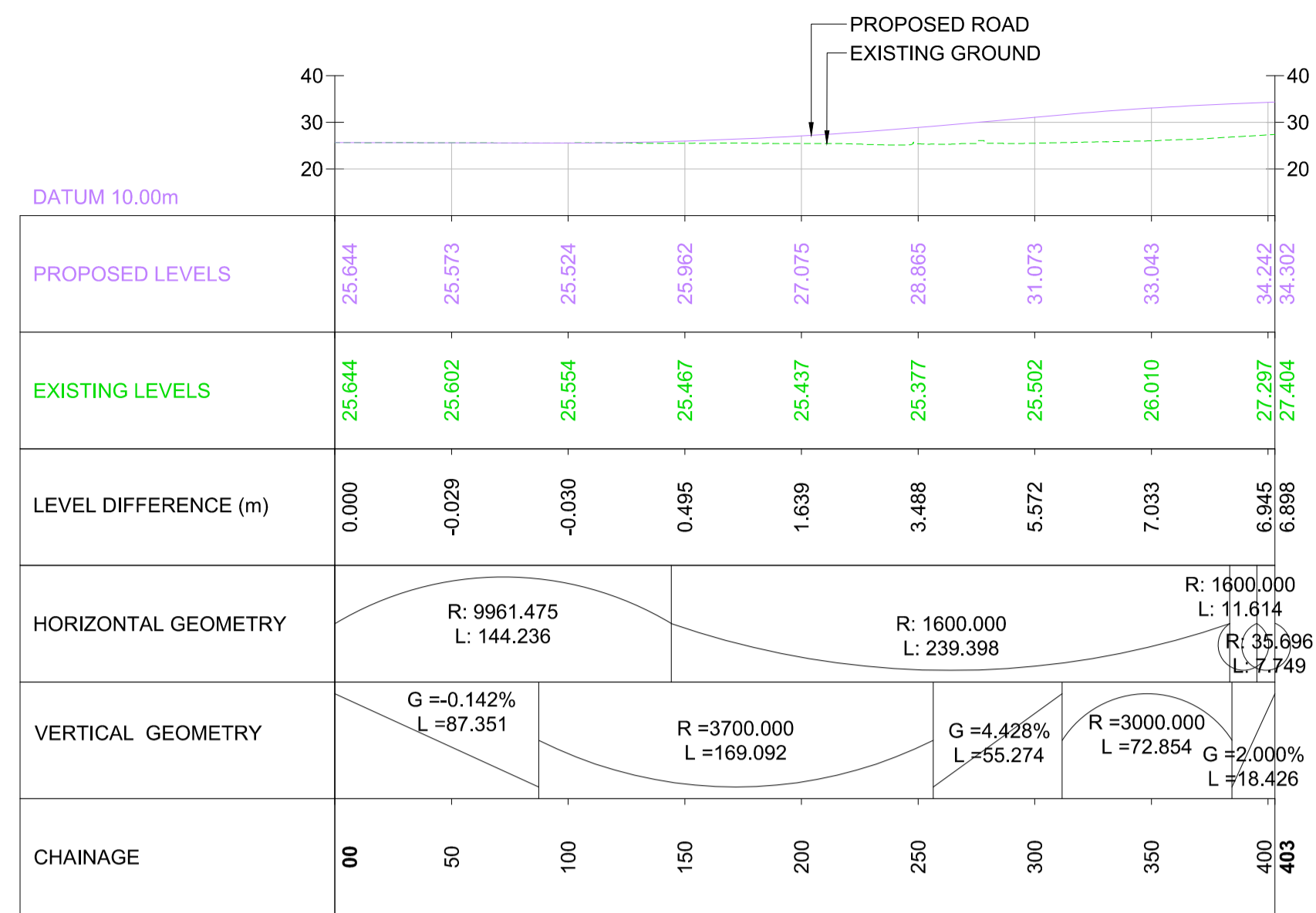
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REGULATION 5(2)(o) & 6(2)
SHEET 01 OF 07**

Drawing Number
TR010063/APP/2.10

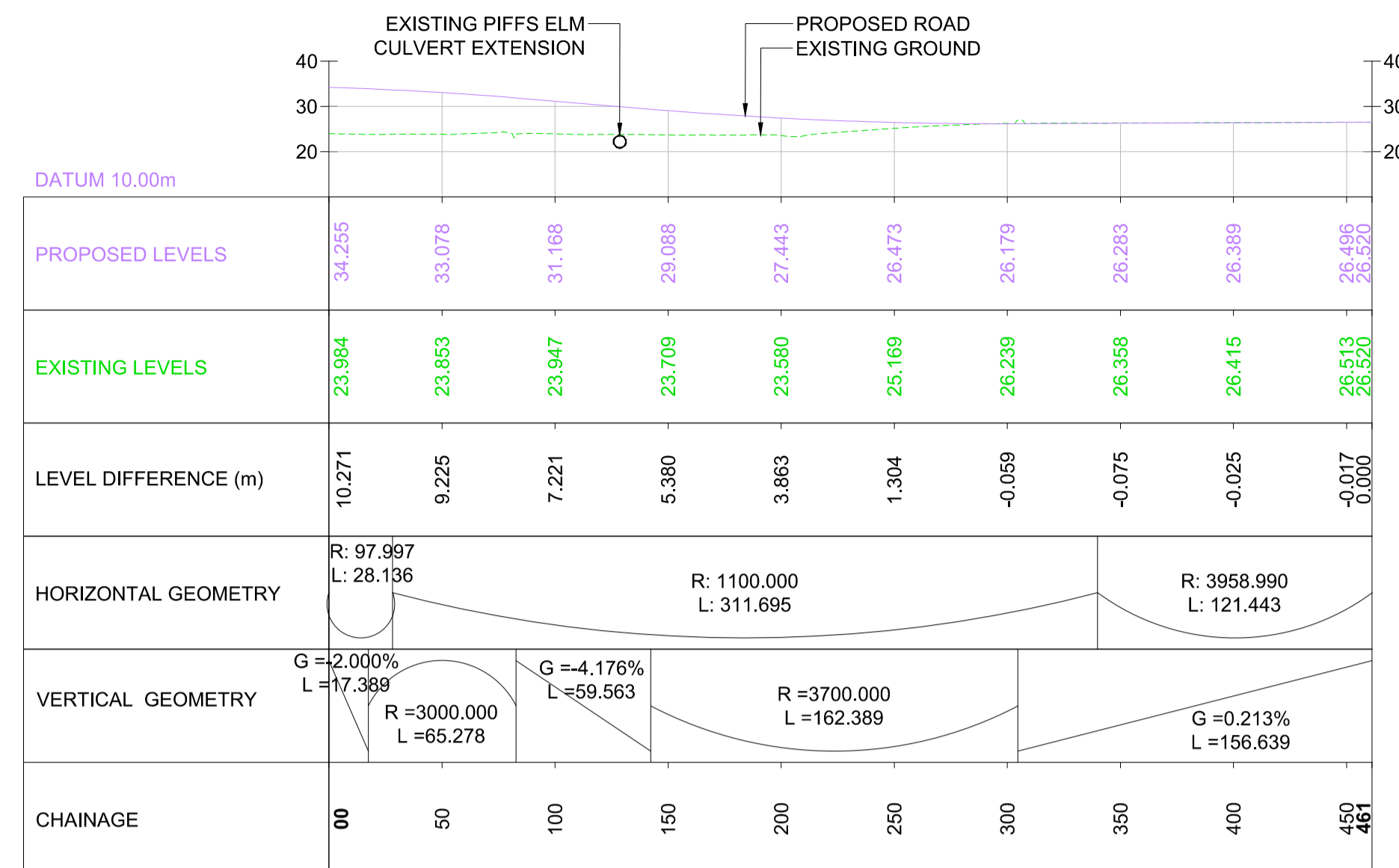
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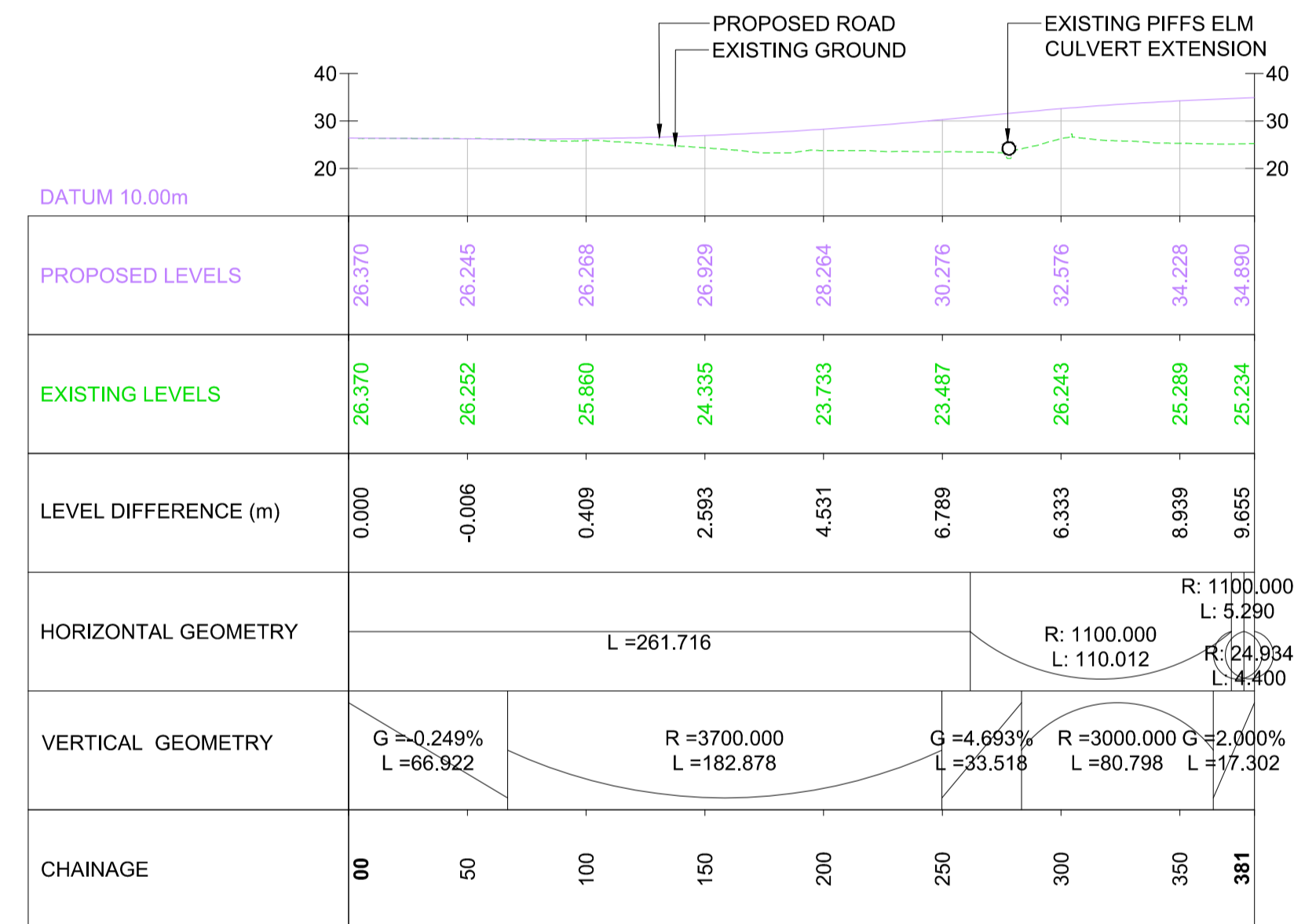
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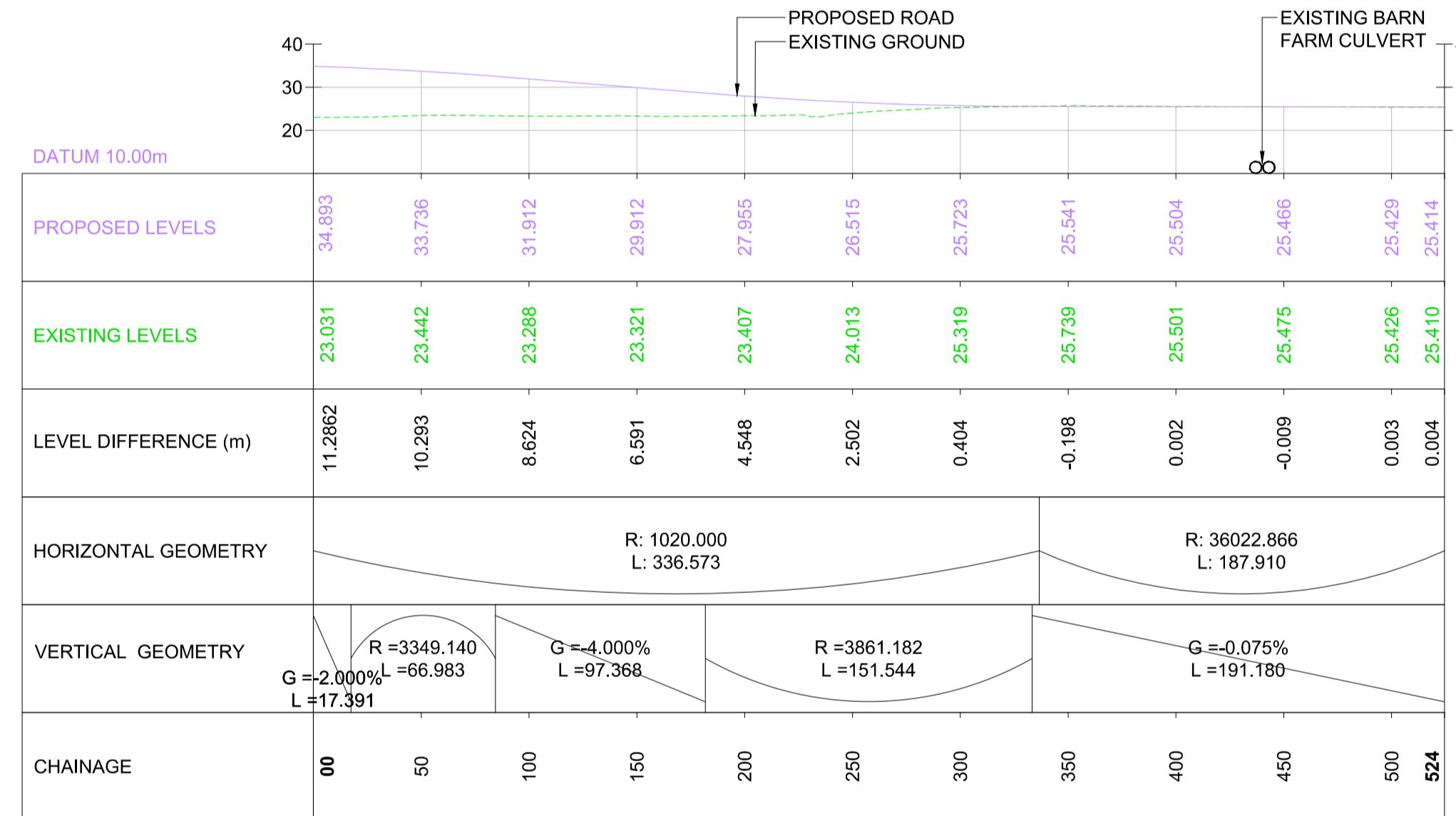
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SCALE = H - 1:2500
V - 1:500



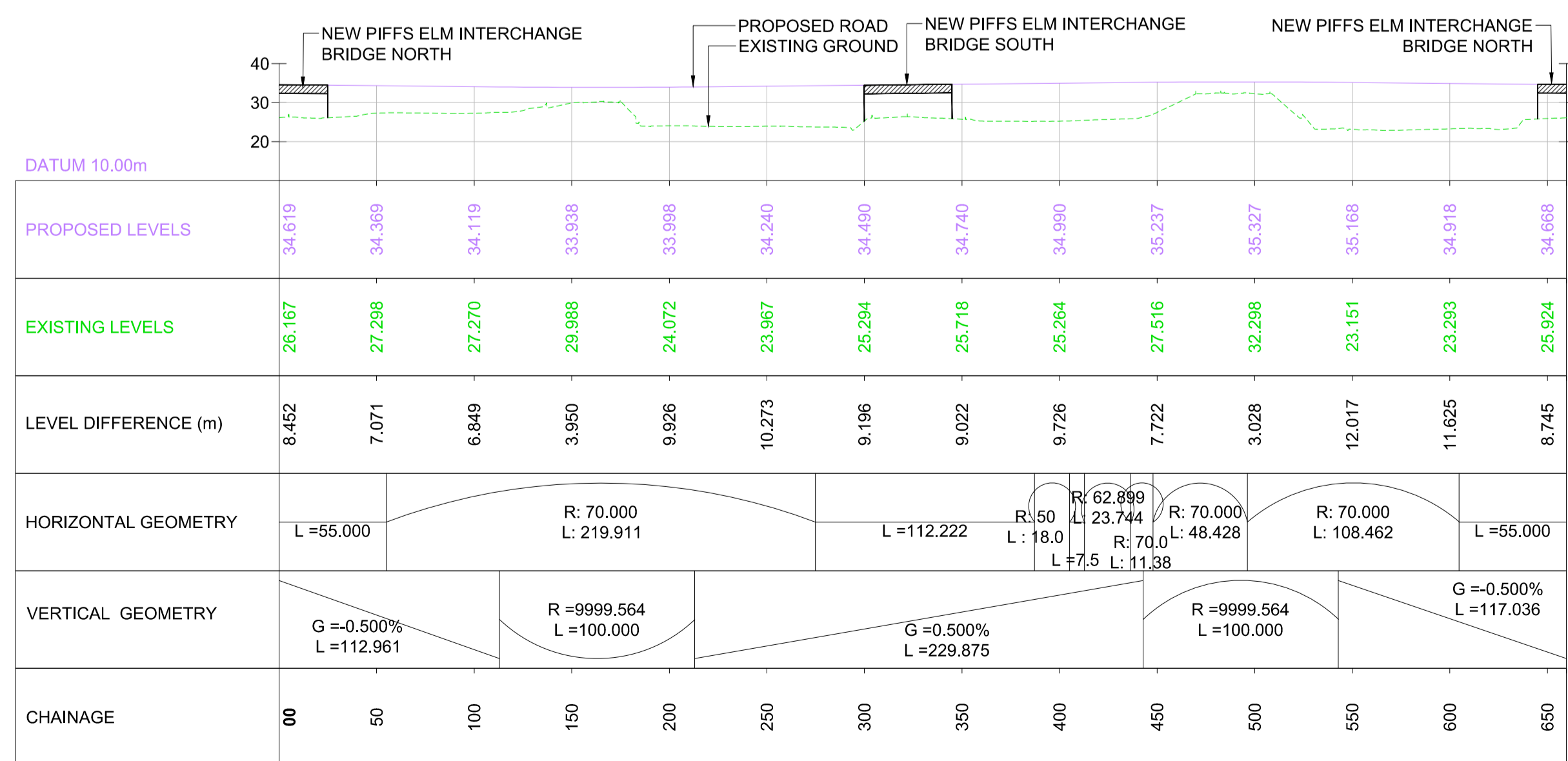
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SCALE = H - 1:2500
V - 1:500



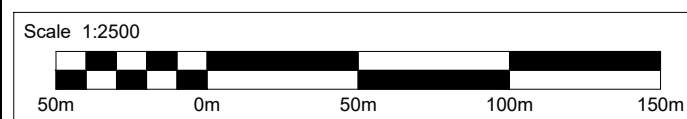
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SCALE = H - 1:2500
V - 1:500



LONGITUDINAL SECTION NORTHBOUND MERGE SLIP ROAD
SCALE = H - 1:2500
V - 1:500



LONGITUDINAL SECTION - M5 JUNCTION 10 ROUNDABOUT ICD
SCALE = H - 1:2500
V - 1:500



NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN AND SHEET 1.
- THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
- RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 4, 5, 6, 11 AND 12

KEY

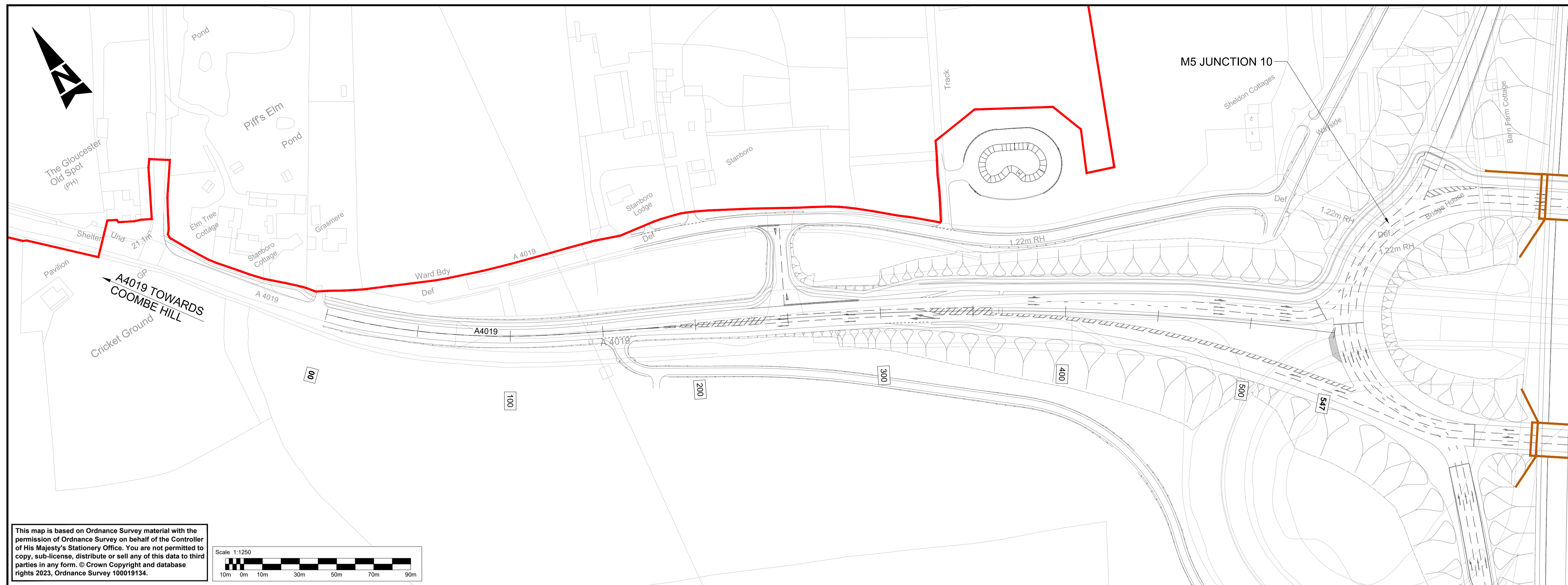
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- EXISTING GROUND LEVEL

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A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1

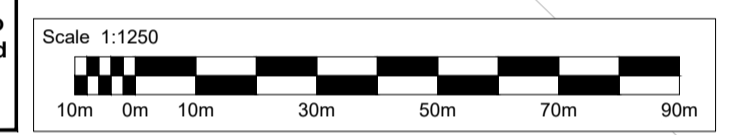
Project Title
M5 Junction 10 Improvements Scheme

Drawing Title
**ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES)
REGULATION 5(2)(o) & 6(2)
SHEET 02 OF 07**

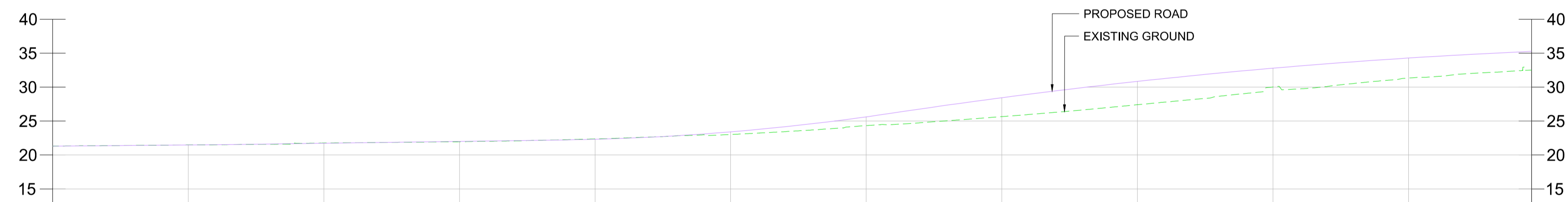
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Sheet:	2 of 7	Rev:	C01	



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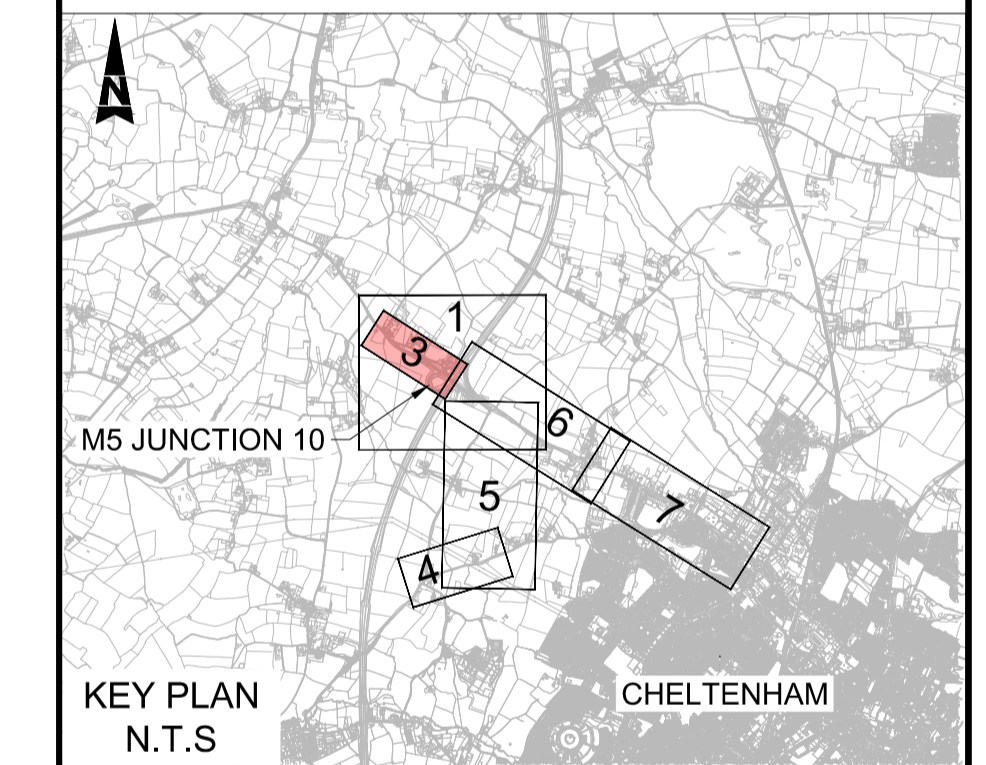


- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
 - RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 5 AND 11.
- KEY**
- DEVELOPMENT CONSENT ORDER (DCO) LIMITS
 - CHAINAGE
 - PROPOSED BRIDGE STRUCTURE
 - PROPOSED UNDERPASS
 - PROPOSED CULVERT STRUCTURE
 - EXISTING CULVERT STRUCTURE
 - EXISTING CULVERT TO BE EXTENDED
 - EXISTING ORDNANCE SURVEY DATA
 - PROPOSED VERTICAL DESIGN LEVEL
 - EXISTING GROUND LEVEL

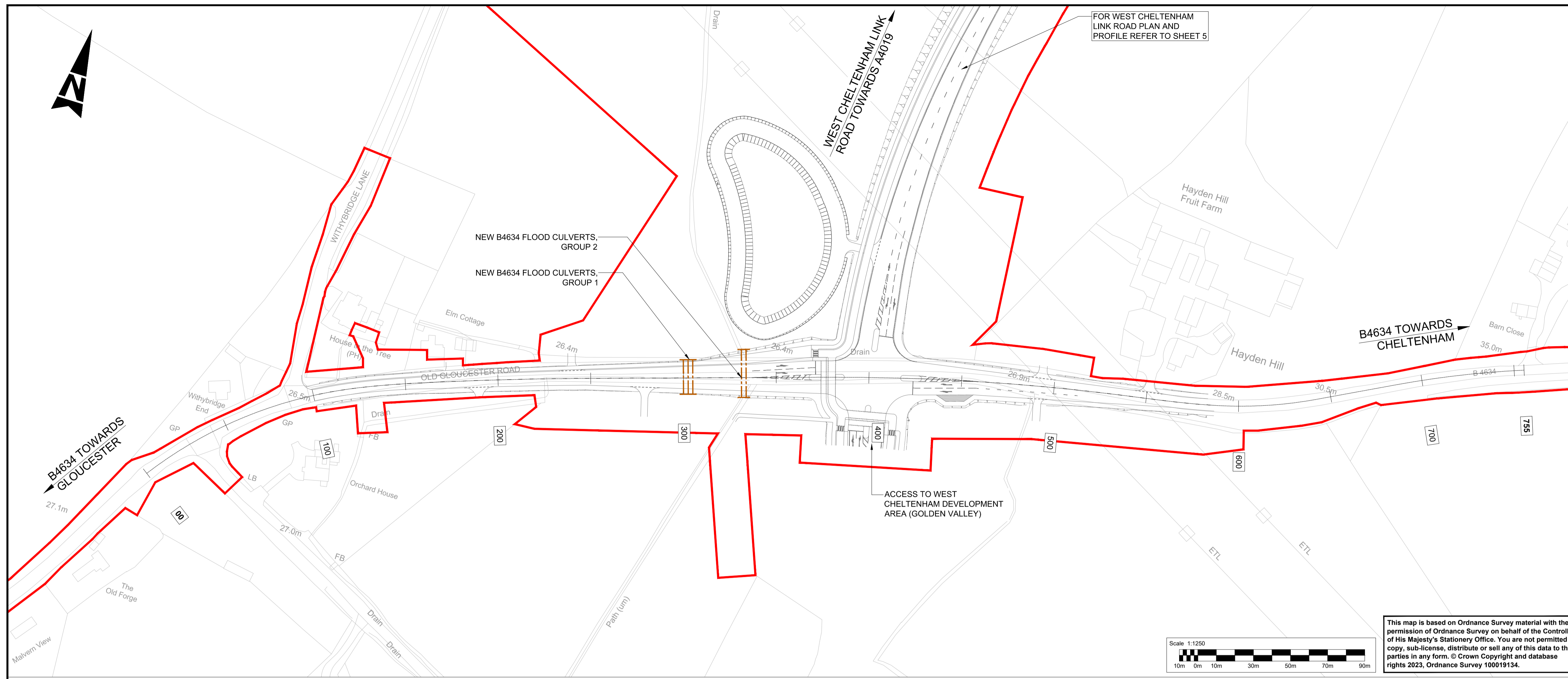


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EXISTING LEVELS	21.310	21.490	21.761	21.950	22.371	23.016	24.331	25.651	27.409	30.013	31.343	32.501	
LEVEL DIFFERENCE (m)	0.000	-0.007	-0.039	0.053	-0.058	0.393	1.287	2.787	3.429	2.774	2.939	2.768	
HORIZONTAL GEOMETRY	R: 319.241 L: 34.471		R: 420.440 L: 93.367		L = 130.937			R: 1440.000 L: 286.557					
VERTICAL GEOMETRY	G = 0.347% L = 48.336		R = 19932.588 L = 42.806		G = 0.562% L = 97.321			R = 2243.868 L = 120.000		G = 5.910% L = 5.299		R = 5524.762 L = 216.000	G = 2.000% L = 15.570
CHAINAGE	00	50	100	150	200	250	300	350	400	450	500	547	

LONGITUDINAL SECTION A4019 - WEST APPROACH TO M5J10
SCALE = H - 1:1250
V - 1:500



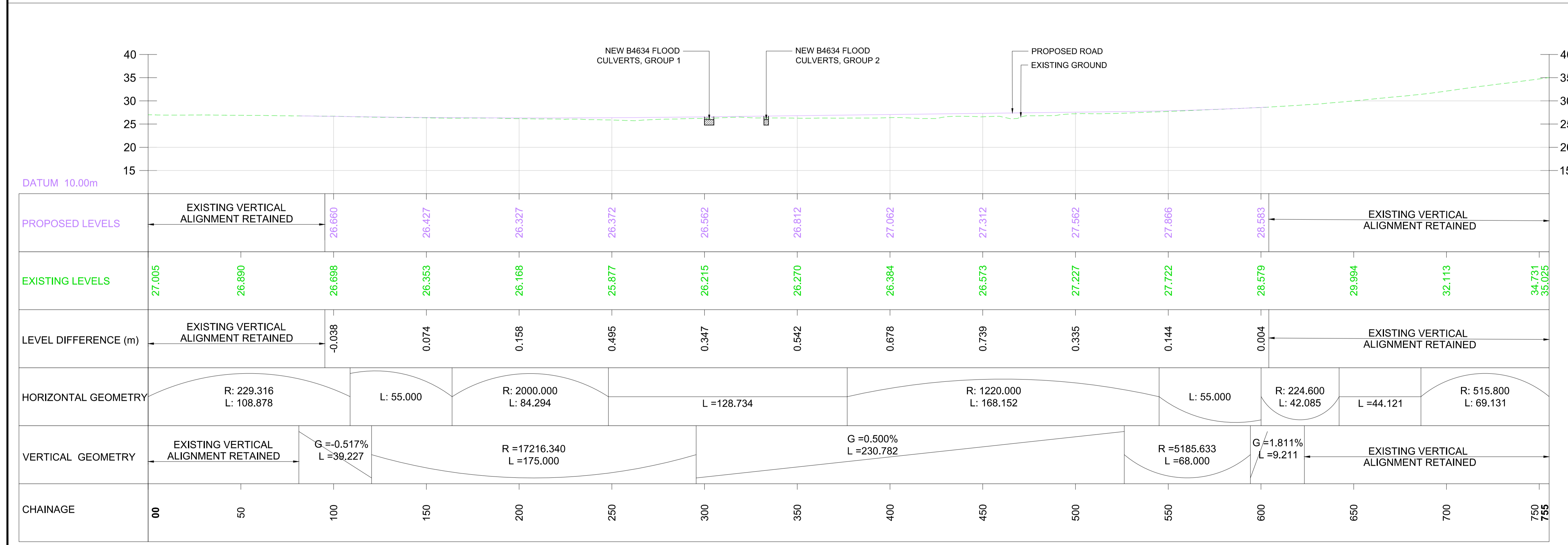
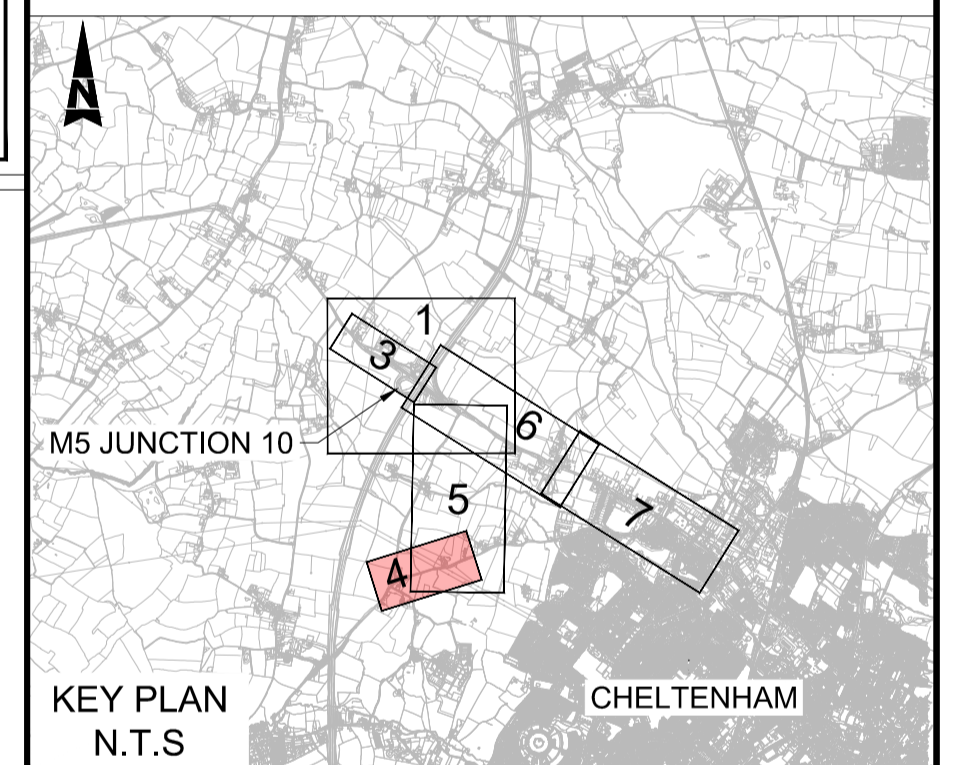
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FIRST SUBMISSION						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability						Status
APPROVED - PUBLISHED						A1
Project Title						
M5 Junction 10 Improvements Scheme						
Drawing Title						
ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) REGULATION 5(2)(o) & 6(2) SHEET 03 OF 07						
Drawing Number						
TR010063/APP/2.10						
Original Size:	A1	Scale:	AS SHOWN	Project Ref. No.:	5197035	Sheet: 3 of 7
						Rev: C01



- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
 - RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEET 16.

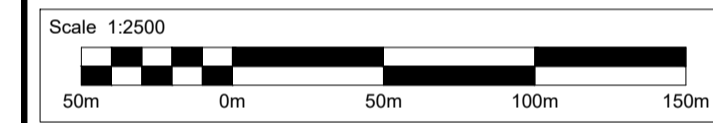
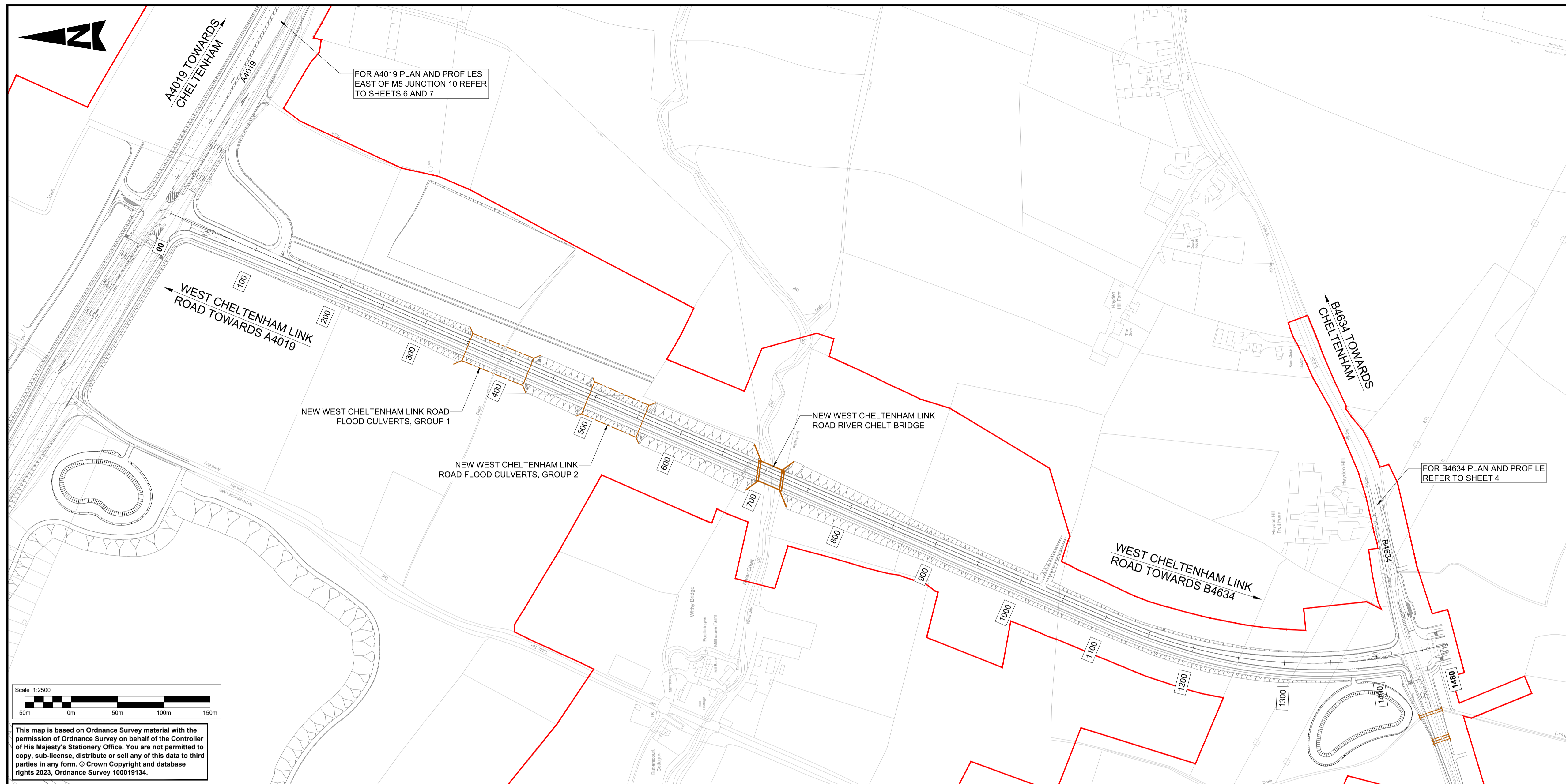
KEY

- DEVELOPMENT CONSENT ORDER (DCO) LIMITS
- CHAINAGE
- PROPOSED BRIDGE STRUCTURE
- PROPOSED UNDERPASS
- PROPOSED CULVERT STRUCTURE
- EXISTING CULVERT STRUCTURE
- EXISTING CULVERT TO BE EXTENDED
- EXISTING ORDNANCE SURVEY DATA
- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL



LONGITUDINAL SECTION B4634 JUNCTION
SCALE = H - 1:1250
V - 1:500

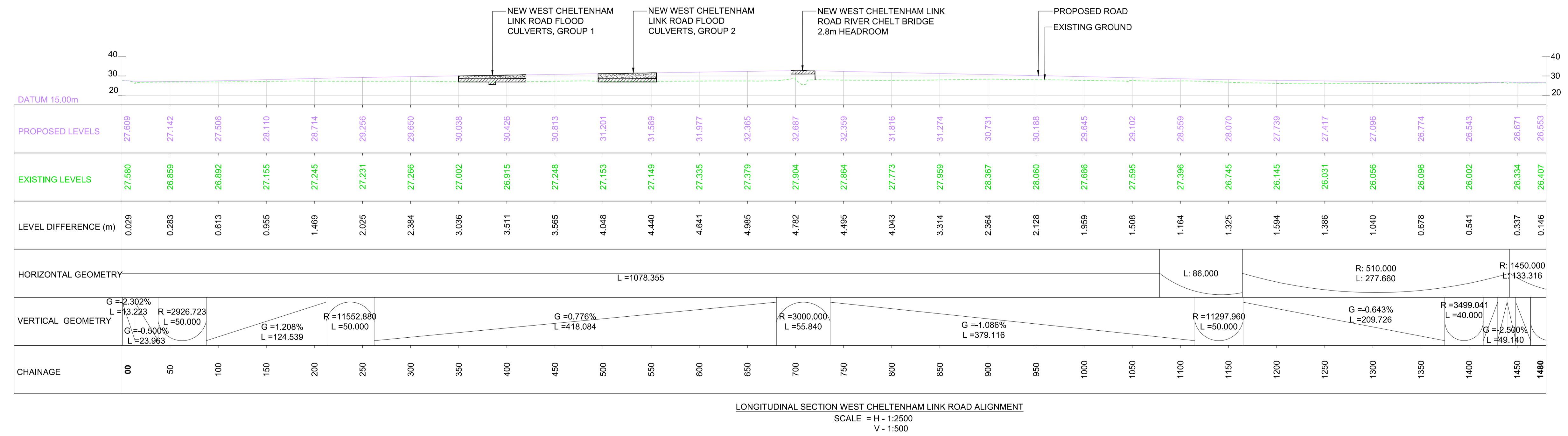
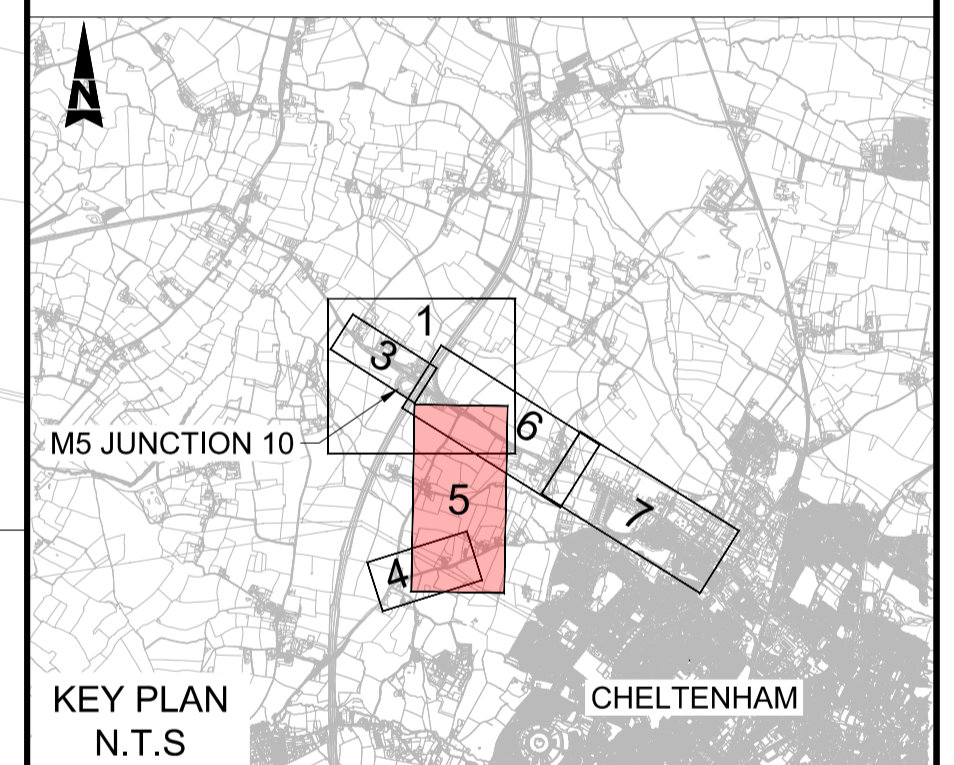
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FIRST SUBMISSION	A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability	APPROVED - PUBLISHED						Status
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Project Title	M5 Junction 10 Improvements Scheme						
Drawing Title	ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) REGULATION 5(2)(a) & 6(2) SHEET 04 OF 07						
Drawing Number	TR010063/APP/2.10						
Original Size	A1	Scale	AS SHOWN	Project Ref. No.	5197035	Sheet	4 of 7
							Rev. C01



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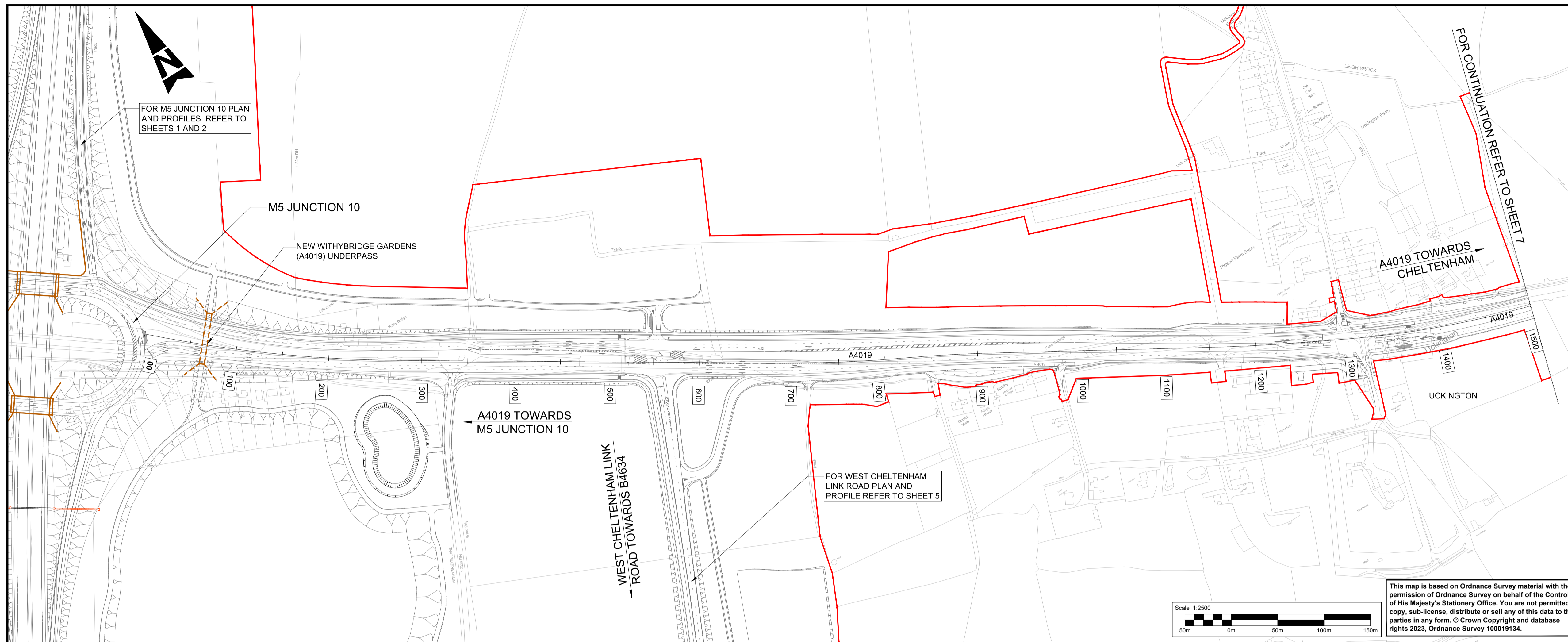
- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
 - RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 12,15 AND 16.

- KEY**
- DEVELOPMENT CONSENT ORDER (DCO) LIMITS
 - CHAINAGE
 - PROPOSED BRIDGE STRUCTURE
 - PROPOSED UNDERPASS
 - PROPOSED CULVERT STRUCTURE
 - EXISTING CULVERT STRUCTURE
 - EXISTING CULVERT TO BE EXTENDED
 - EXISTING ORDNANCE SURVEY DATA
 - PROPOSED VERTICAL DESIGN LEVEL
 - EXISTING GROUND LEVEL



KEY PLAN N.T.S.

Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
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APPROVED - PUBLISHED						A1
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M5 Junction 10 Improvements Scheme						
Drawing Title						
ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) REGULATION 5(2)(a) & 6(2) SHEET 05 OF 07						
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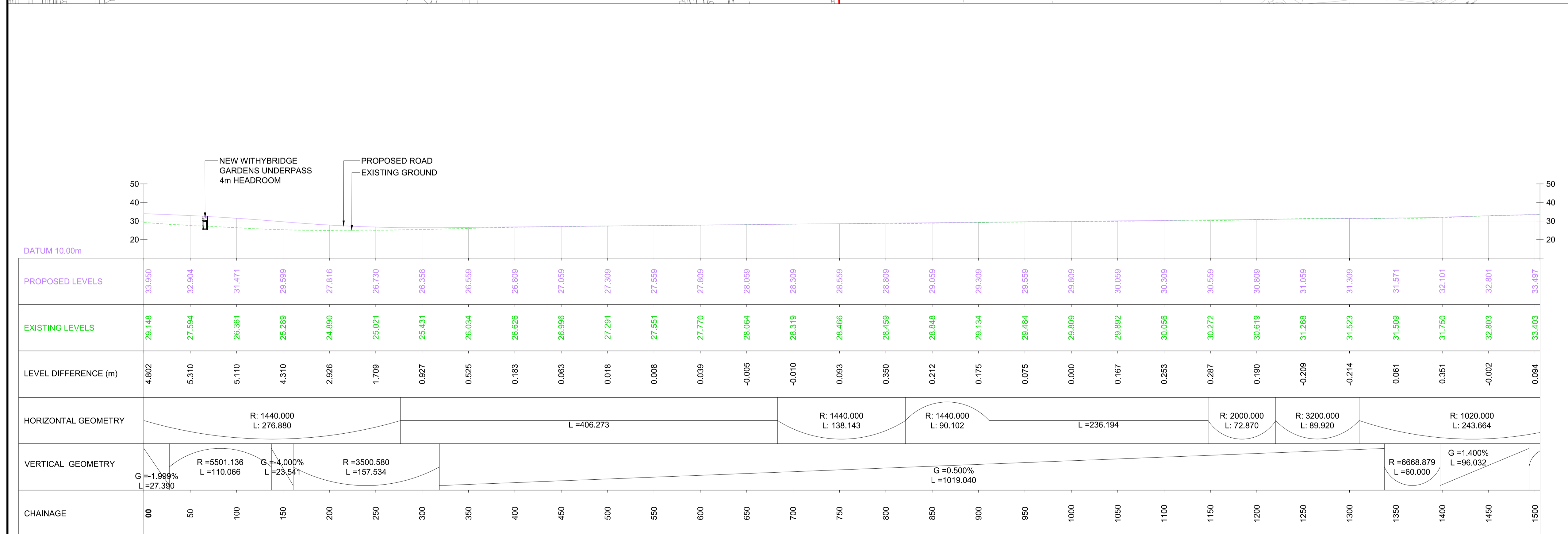


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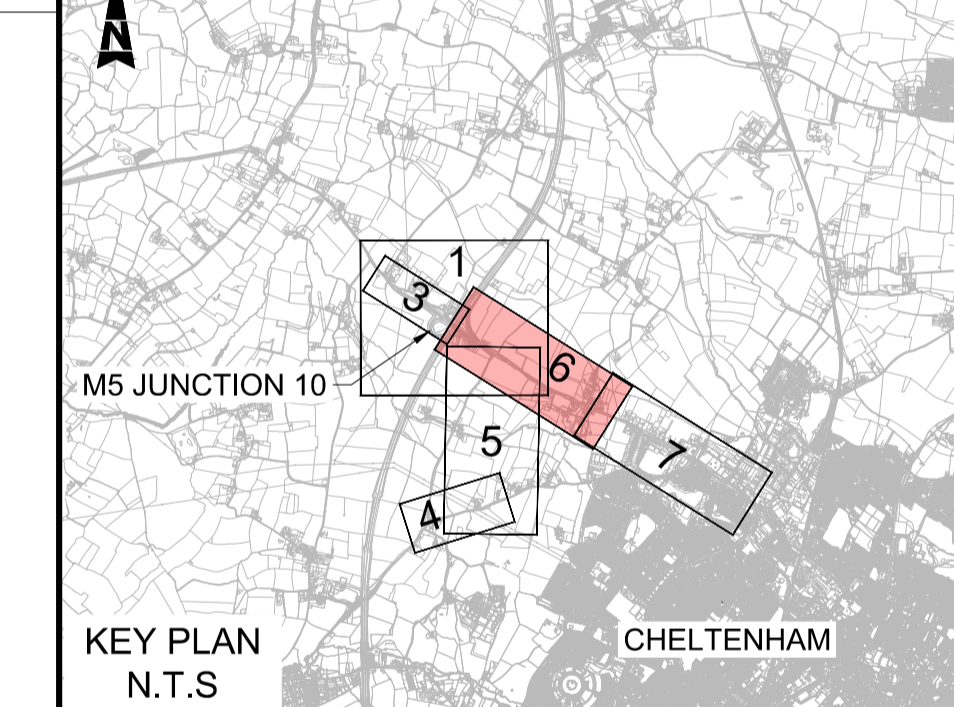
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- THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
- RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 5, 12 AND 13.

KEY

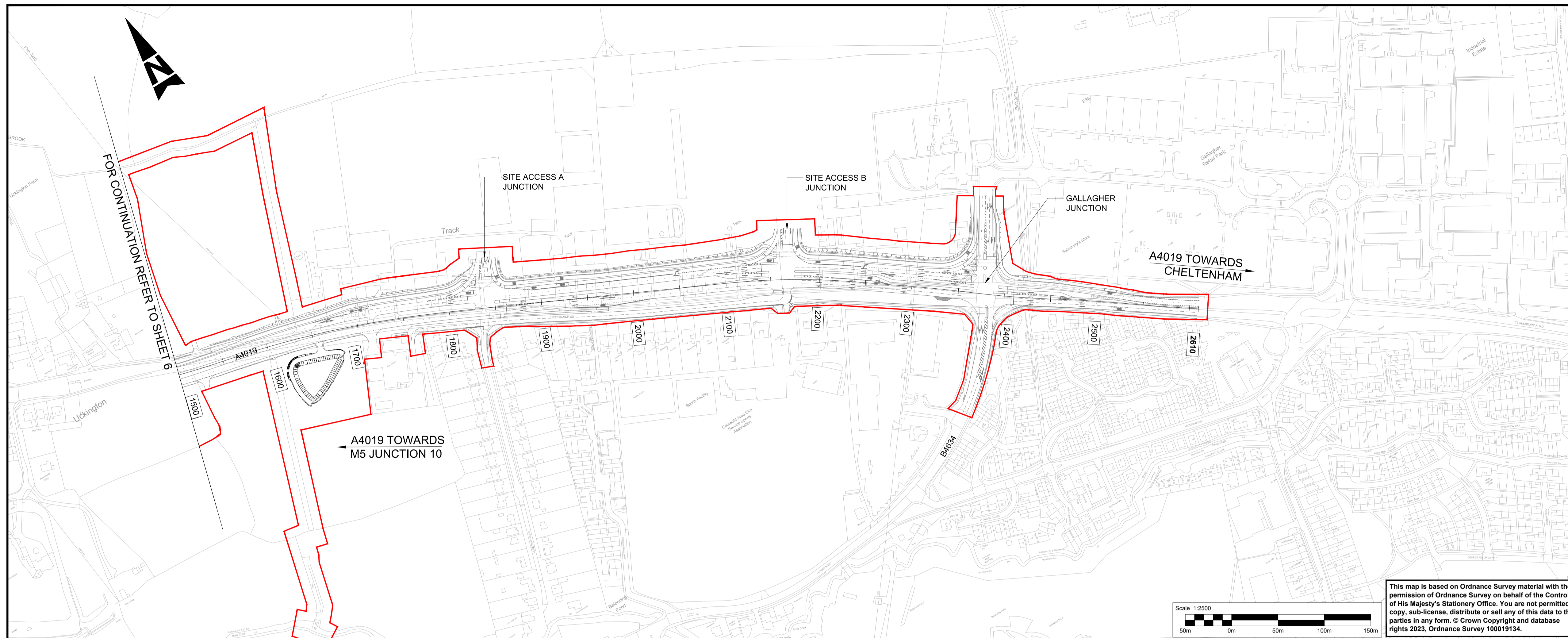
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- CHAINAGE
- PROPOSED BRIDGE STRUCTURE
- PROPOSED UNDERPASS
- PROPOSED CULVERT STRUCTURE
- EXISTING CULVERT STRUCTURE
- EXISTING CULVERT TO BE EXTENDED
- EXISTING ORDNANCE SURVEY DATA
- PROPOSED VERTICAL DESIGN LEVEL
- EXISTING GROUND LEVEL



LONGITUDINAL SECTION - A4019 MAINLINE CHAINAGE 0 TO 1500
SCALE = H - 1:2500
V - 1:500

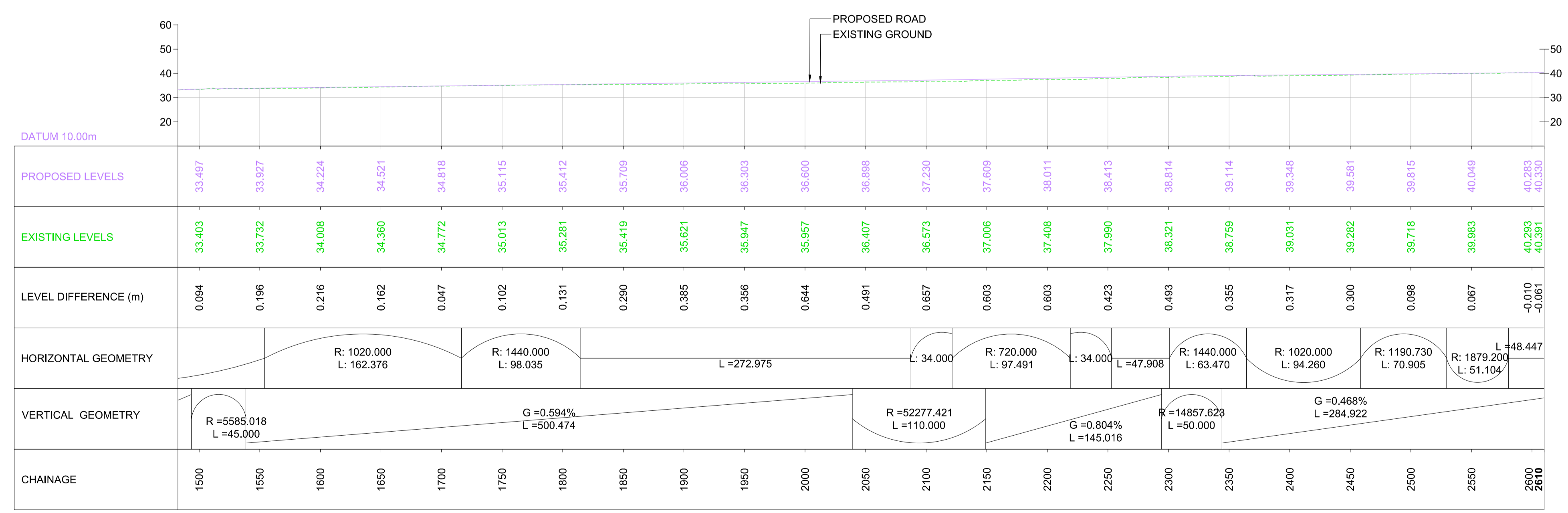
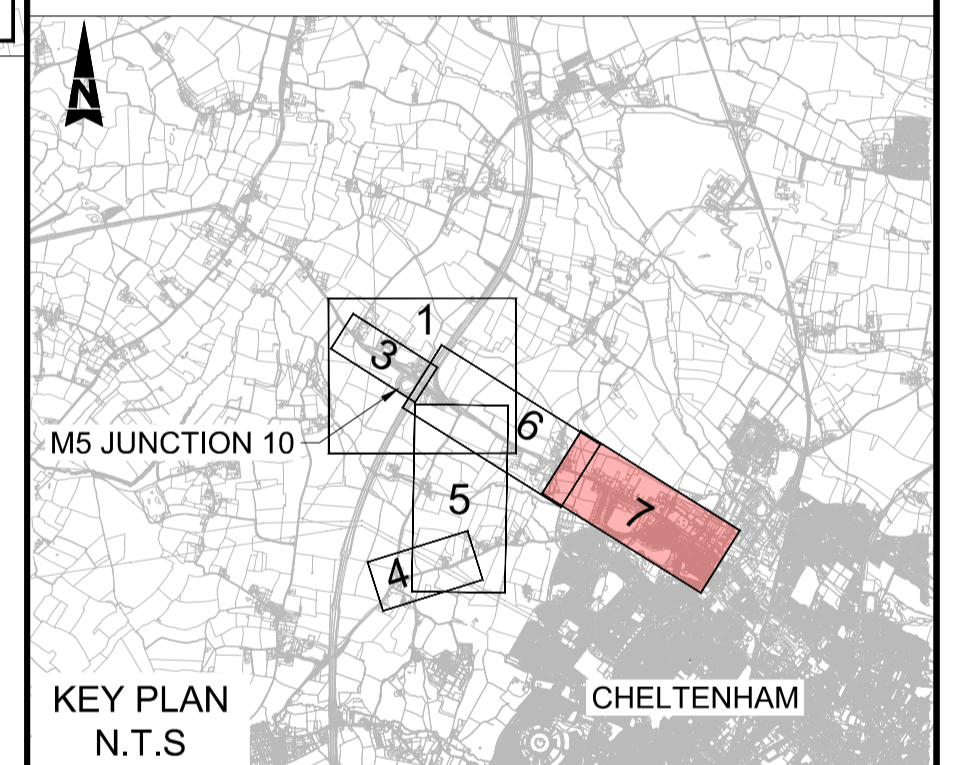


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FIRST SUBMISSION	A1	C01	NKRP	CJ	HC	BM	18/10/23
Drawing Suitability	APPROVED - PUBLISHED						Status
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Drawing Title	ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) REGULATION 5(2)(o) & 6(2) SHEET 06 OF 07						
Drawing Number	TR010063/APP/2.10						
Original Size	A1	Scale: AS SHOWN	Project Ref. No.: 5197035	Sheet: 6 of 7	Rev: C01		



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- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH TR010063/APP/2.10 ENGINEERING SECTION DRAWINGS (PLAN AND PROFILES) KEY PLAN.
 - THESE PLANS SHOULD BE READ IN CONJUNCTION WITH THE DEVELOPMENT CONSENT ORDER AND OTHER APPLICATION PLANS.
 - RELEVANT SHEETS ON THE WORKS PLANS AND GENERAL ARRANGEMENT PLANS ARE SHEETS 13 AND 14.
- KEY**
- DEVELOPMENT CONSENT ORDER (DCO) LIMITS
 - CHAINAGE
 - PROPOSED BRIDGE STRUCTURE
 - PROPOSED UNDERPASS
 - PROPOSED CULVERT STRUCTURE
 - EXISTING CULVERT STRUCTURE
 - EXISTING CULVERT TO BE EXTENDED
 - EXISTING ORDNANCE SURVEY DATA
 - PROPOSED VERTICAL DESIGN LEVEL
 - EXISTING GROUND LEVEL



LONGITUDINAL SECTION - A4019 MAINLINE CHAINAGE 1500 TO 2610
SCALE = H - 1:2500
V - 1:500

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M5 Junction 10 Improvements Scheme									
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Drawing Number									
TR010063/APP/2.10									
Original Size:	A1	Scale:	AS SHOWN	Project Ref. No.:	5197035	Sheet:	7 of 7	Rev:	C01

ATKINS

Member of the SNC-Lavalin Group

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