

GENERAL NOTES:

- 1. This drawing shall only be reproduced in full with approval from a Davis Ogilvie
- 2. Contractor to locate all existing services & verify all dimensions before commencing works. Contractor to protect existing services
- 3. Plans are to be read in conjunction with the Specification, Schedule of Prices and the Nelson Tasman Land Development Manual 2020. Any conflicts are to be brought to the attention of the engineer prior to works proceeding. Engineer to advise contractor accordingly.
- 4. Prior to any works commencing, contractor is to engage a registered professional surveyor and/or licensed cadastral surveyor to supervise all set out & provide asbuilt plans for review.
- 5. Set out is not to be scaled off the plans. The engineer will provide electronic data for the contractor. Any variations are to be approved by the engineer.
- 6. All plan dimensions are in m. All detail dimensions are in mm. 7. All plans are in terms of the New Zealand GD 2000 Nelson Circuit, and levels are in
- terms of the Nelson Vertical Datum 1955.

DRAINAGE NOTES:

- 1. All roading works shall be carried out in accordance with Davis Ogilvie Specifications, Nelson Tasman Land Development Manual 2020, and specific requirements stipulated within the resource consents.
- 2. Nuclear Densometer testing is to be carried out on M4/AP40 under kerb prior to pouring. Base course metal reaching density of 2200kg/m results to be passed onto engineer for approval.
- 3. All roads to have a minimum of 35 mm DG10 asphalt.
- 4. All ROW entrances to be 30 mm DG7 asphalt on 350 mm metal course made up of 150 mm TNZ M4:AP40 on 200 mm TNZ CAP65.
- 5. All landscaping works are to be carried out in accordance with landscape architects plans and Christchurch City Council's CSS.
- 6. All ROW kerb & channel to be standard kerb & channel. 7. All kerb & channel concrete strength shall be at least 20 MPa at 28 days. Core testing
- shall be taken at positions determined by engineer in accordance with NZS 3109.
- 8. ROW kerb levels given at sump positions. At street end, kerb is to terminate 50 mm higher than sump invert with bull nose.

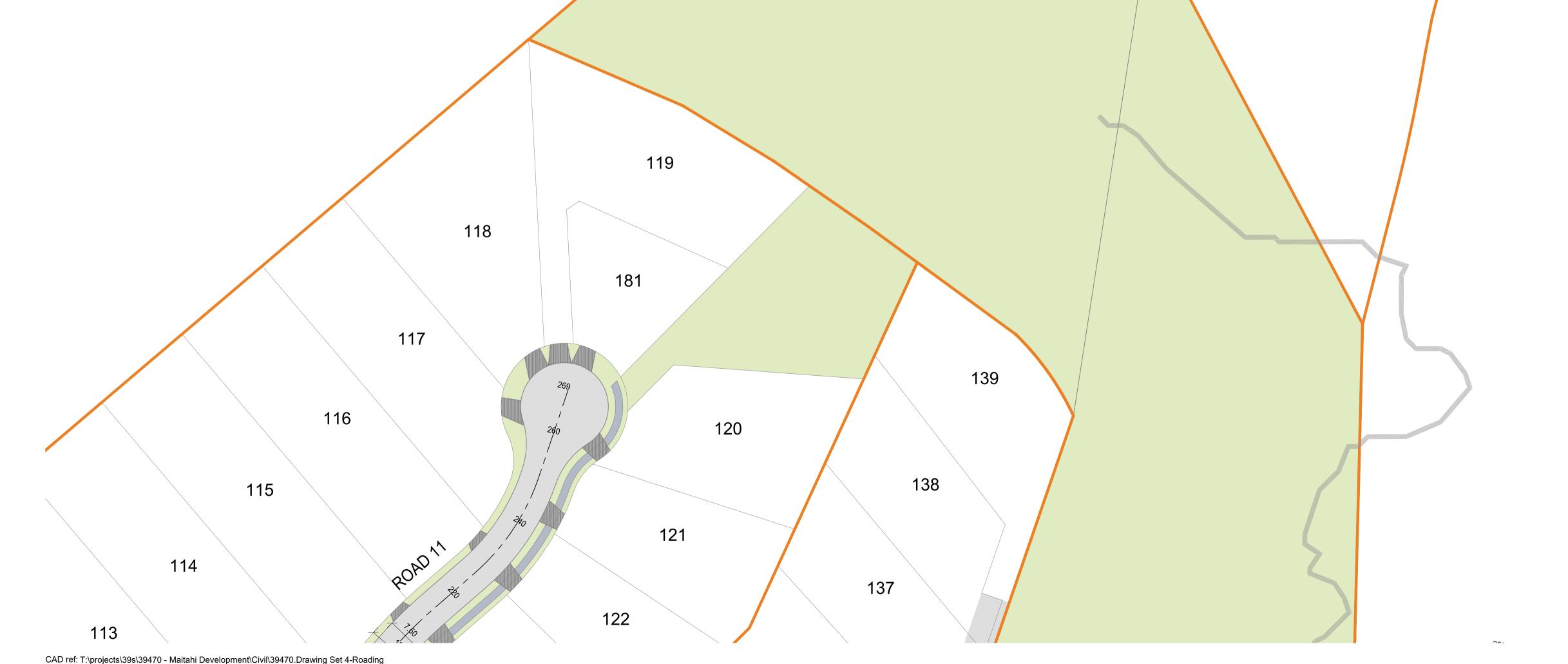
Lot boundary Proposed Vehicle crossing

Proposed Pavement Proposed Berm

Stage boundary

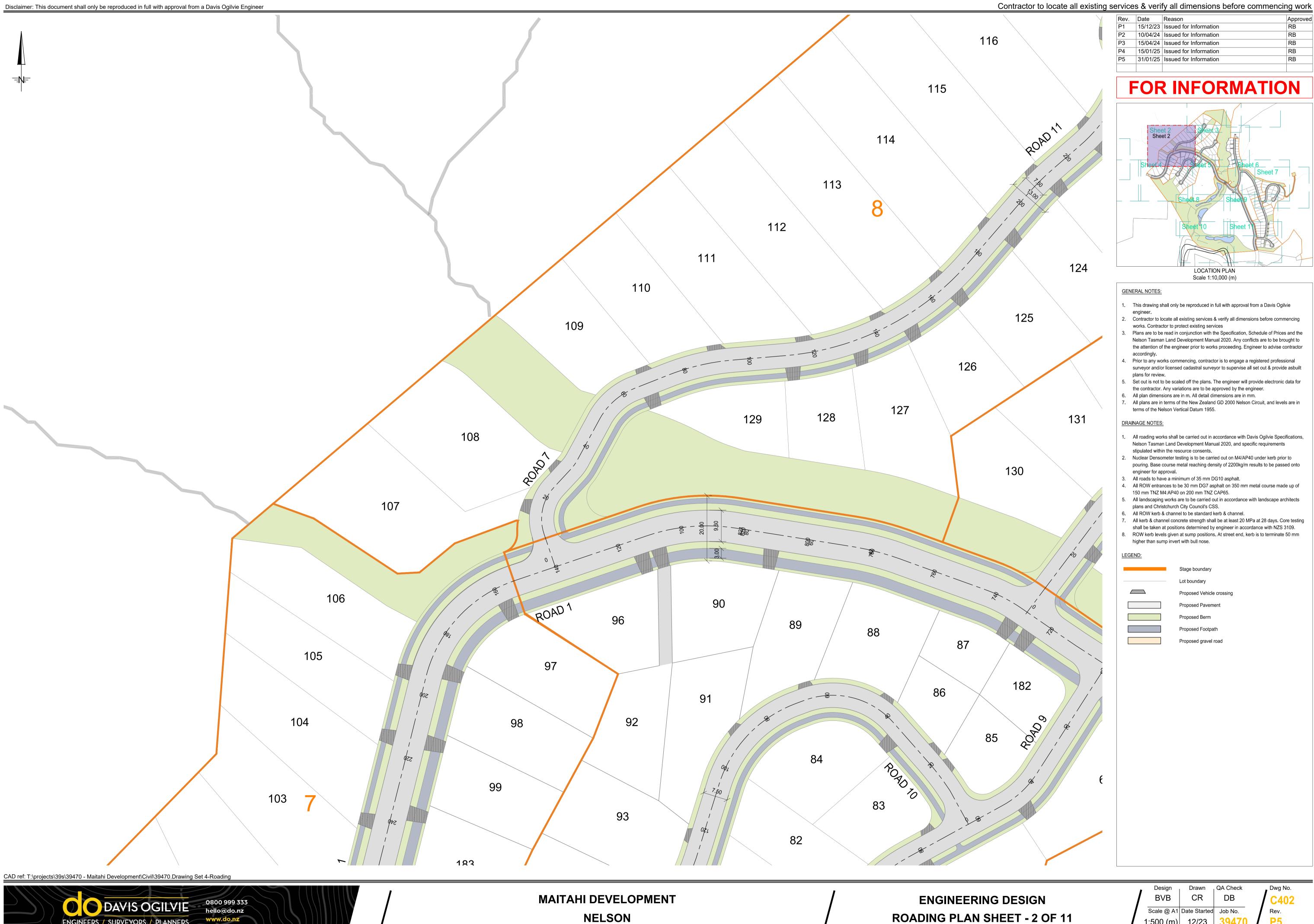
Proposed Footpath

Proposed gravel road

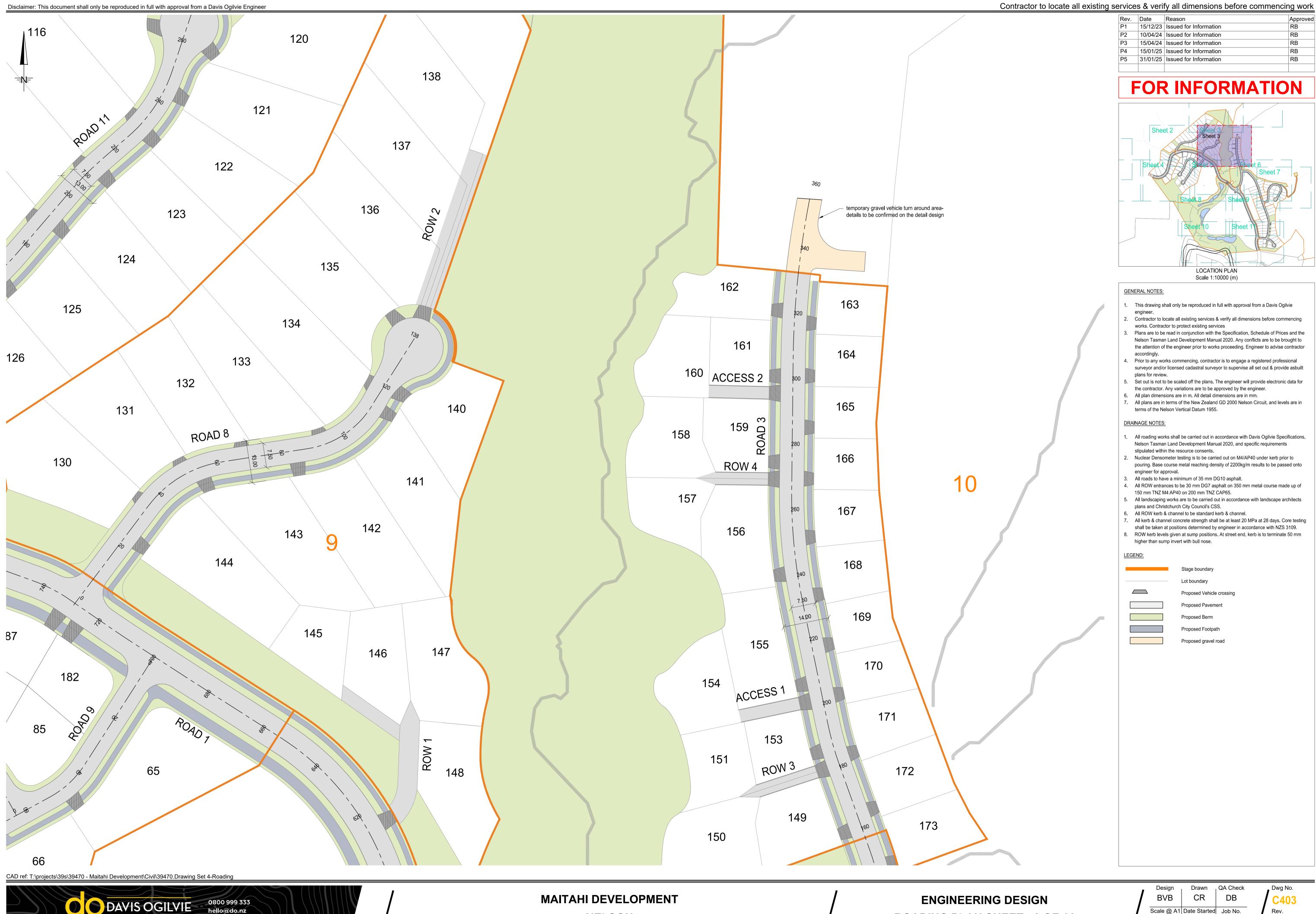


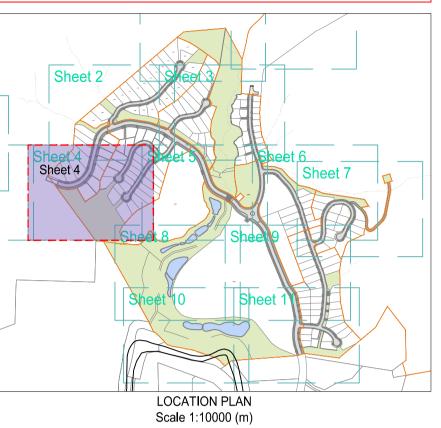
DAVIS OGILVIE

ENGINEERS / SURVEYORS / PLANNERS



ENGINEERS / SURVEYORS / PLANNERS









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ENGINEERS / SURVEYORS / PLANNERS

Contractor to locate all existing services & verify all dimensions before commencing work

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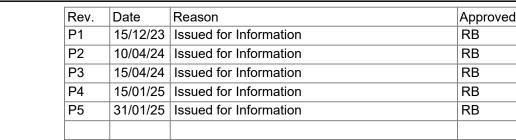
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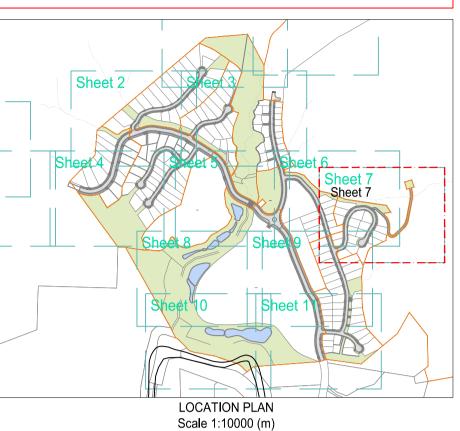
ROAD 2

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FOR INFORMATION



GENERAL NOTES:

accordingly.

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- higher than sump invert with bull nose.



Proposed Footpath

Proposed gravel road



Access track to reservoir

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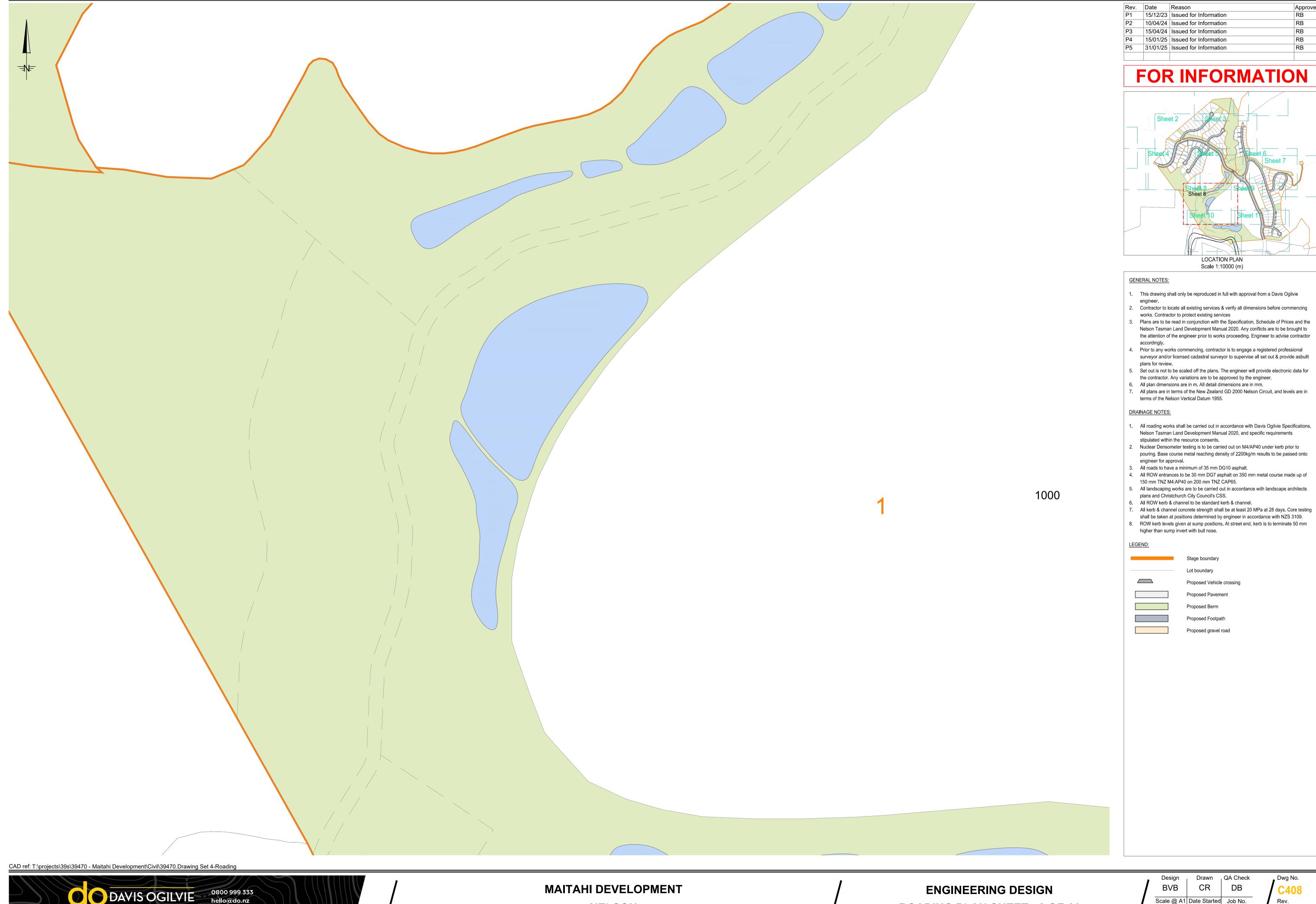
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Contractor to locate all existing services & verify all dimensions before commencing work

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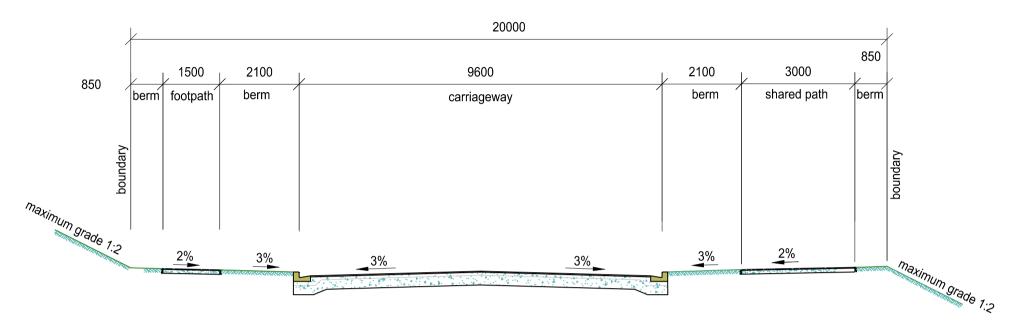
ENGINEERS / SURVEYORS / PLANNERS







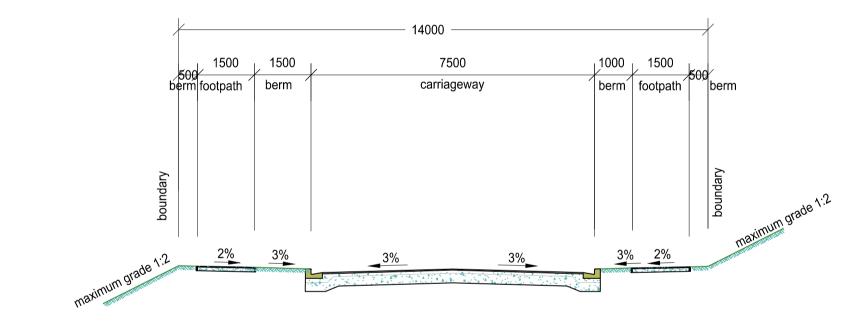
Rev.	Date	Reason	Approved
P1	15/12/23	Issued for Information	RB
P2	10/04/24	Issued for Information	RB
P3	15/04/24	Issued for Information	RB
P4	15/01/25	Issued for Information	RB
P5	31/01/25	Issued for Information	RB



TYPICAL CROSS-SECTION - 20.0m ROAD, 9.6m CARRIAGEWAY

Scale: 1:100

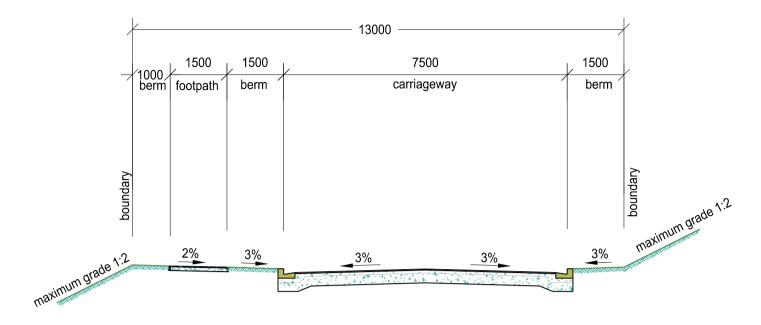
ROAD 1



TYPICAL CROSS-SECTION - 14.0m ROAD, 7.5m CARRIAGEWAY

Scale: 1:100

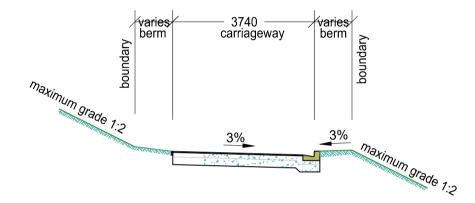
ROAD 3



TYPICAL CROSS-SECTION - 13.0m ROAD, 7.5m CARRIAGEWAY

Scale: 1:100

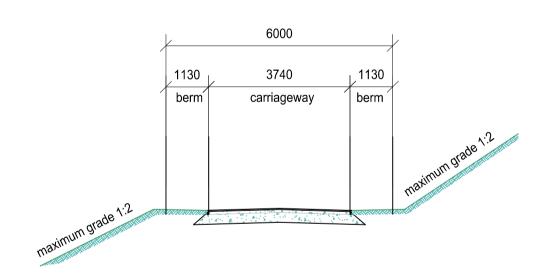
ROAD 2,4-11



TYPICAL CROSS-SECTION - ROW

Scale 1 in 100

ROW 1,2 & ACCESSWAY 1-3

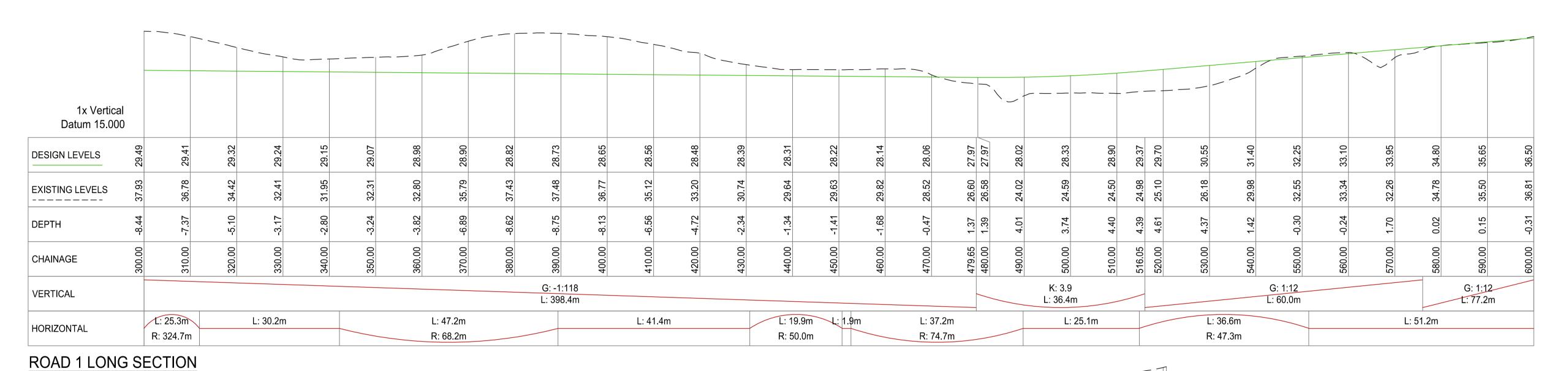


TYPICAL CROSS-SECTION - ROAD TO WATER TANK

P5	31/01/25	Issued for Information	RB
P4	107011-0	Issued for Information	RB
P3	15/04/24	Issued for Information	RB
P2	10/04/24	Issued for Information	RB
P1	15/12/23	Issued for Information	RB
Rev.	Date	Reason	Approved

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1x Vertica Datum 15.00																																	
DESIGN LEVELS	33.32	33.20	33.08	33.07	32.86	12	32.17	31.82	31.52	31.35	31.27	31.18	31.10	31.01	:	30.84	30.76	30.68	30.59	30.51	30.42	30.34	30.25	30.17	30.08	30.00		29.91	29.83	29.75	29.66	29.58	29.49
EXISTING LEVELS	33.32	33.37	33.28	33.26	32.90	(0)	31.15	30.81	31.25	32.77	32.77	31.03	30.07	29.66	29.94	30.10	30.56	30.77	30.65	32.03	32.58	32.09	32.24	33.18	34.29	34.82		34.83	35.56	35.20	35.38	37.11	37.93
DEPTH	0.00	-0.17	000	-0.19	-0.04		1.02	1.01	0.27	-1.42	-1.50	0.15	1.03	1.35	66		0.20	-0.10	90'0-	-1.53	-2.16	-1.75	-1.99	-3.01	-4.21	-4.82		-4.92	-5.73	-5.46	-5.72	-7.54	-8,44
CHAINAGE	0.00	10.00		20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00		0.0	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00		250.00	260.00	270.00	280.00	290.00	300.00
VERTICAL		G: -1:			6.6 5.0m		G: -1:29 L: 27.6m		K: 7.3 L: 19.5m		<u> </u>	-				1			'		G: -1:118 L: 398.4m		'	1			1	-	'				
HORIZONTAL		L	: 27.2m				L: 49.0n R: 100.0			L: 9.9m	1	L: 24.5m R: 66.3m			L	.: 43.5m			L: 19.1m R: 46.3m	L: 17.9m		11.5m : 54.7m					L: 84.2m	1				L: 25 R: 32	5.3m 24.7m

ROAD 1 LONG SECTION



1x Vertical Datum 15.000 61.87 DESIGN LEVELS EXISTING LEVELS -1.89 DEPTH 820.00 CHAINAGE

L: 29.0m

G: 1:8

L: 26.7m

L: 24.5m

ROAD 1 LONG SECTION

L: 51.2m

VERTICAL

HORIZONTAL

CAD ref: T:\projects\39s\39470 - Maitahi Development\Civil\39470.Drawing Set 4-Roading

G: 1:12

L: 77.2m

L: 52.8m

R: 78.8m

G: 1:8

L: 187.0m

L: 27.9m

L: 15.2m

R: 80.6m

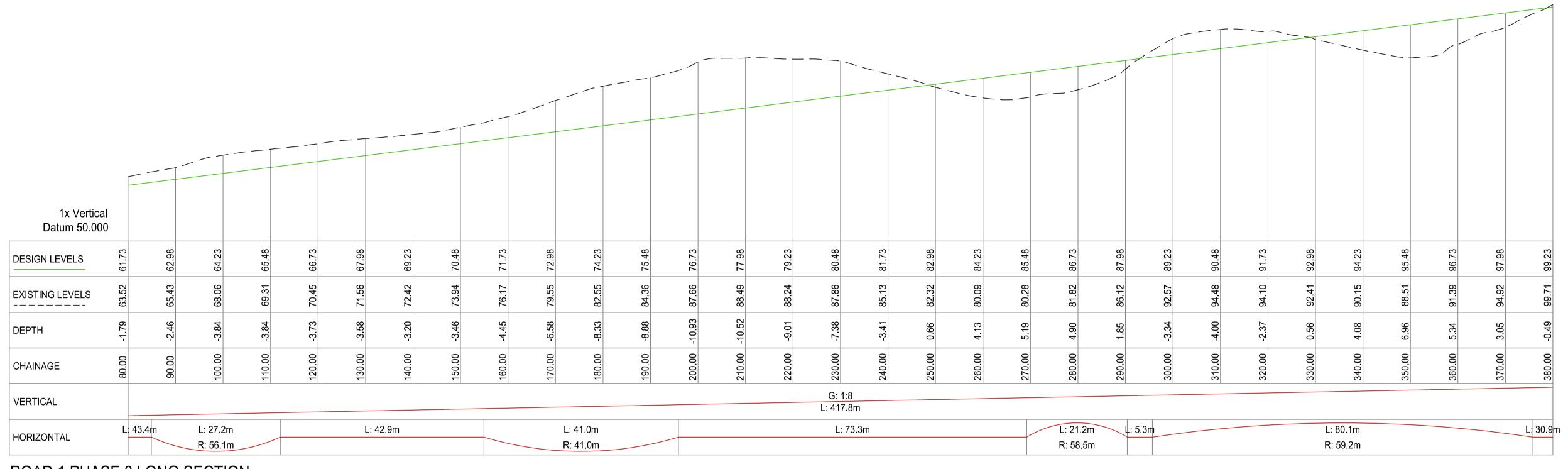
L: 12.1m

R: 46.9m

L: 23.9m

L: 32.7m

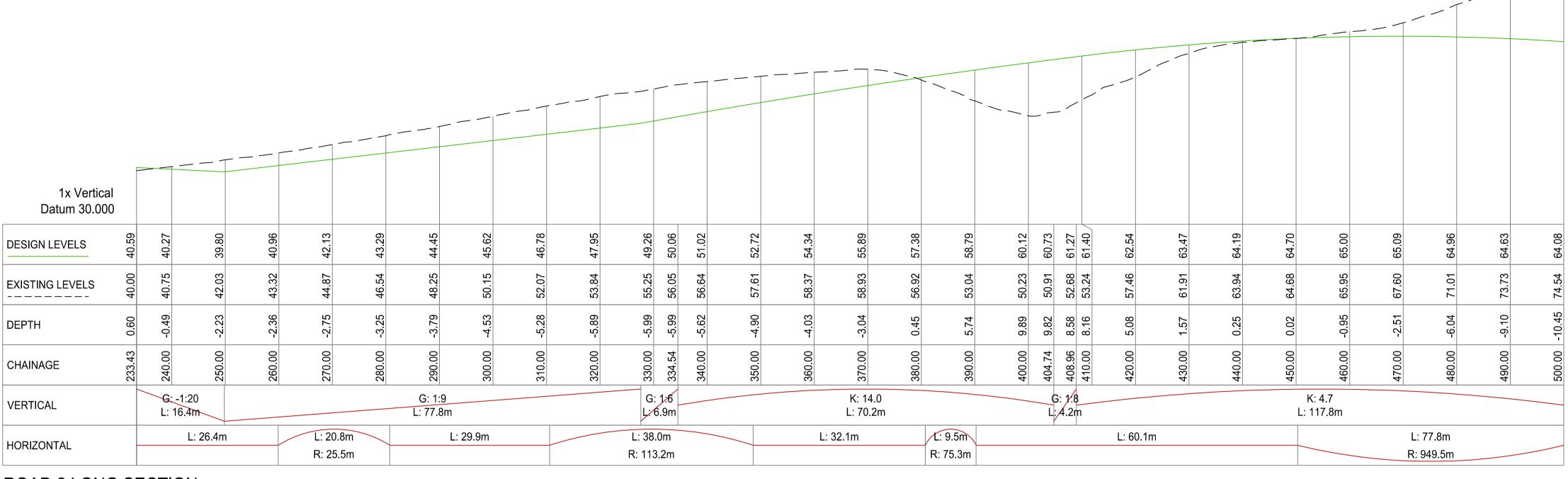
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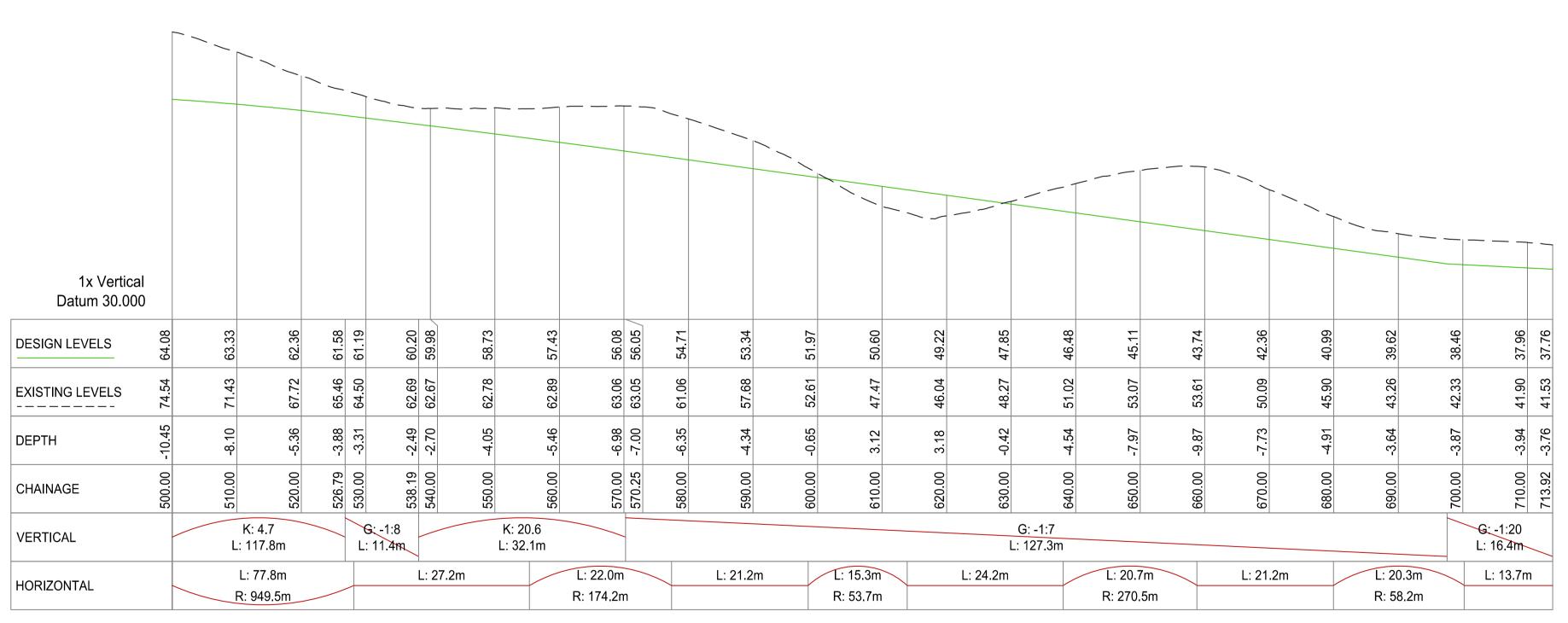
ROAD 1 PHASE 3 LONG SECTION

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P1	15/12/23	Issued for Information	RB
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P3	15/04/24	Issued for Information	RB
P4	15/01/25	Issued for Information	RB
P5	31/01/25	Issued for Information	RB



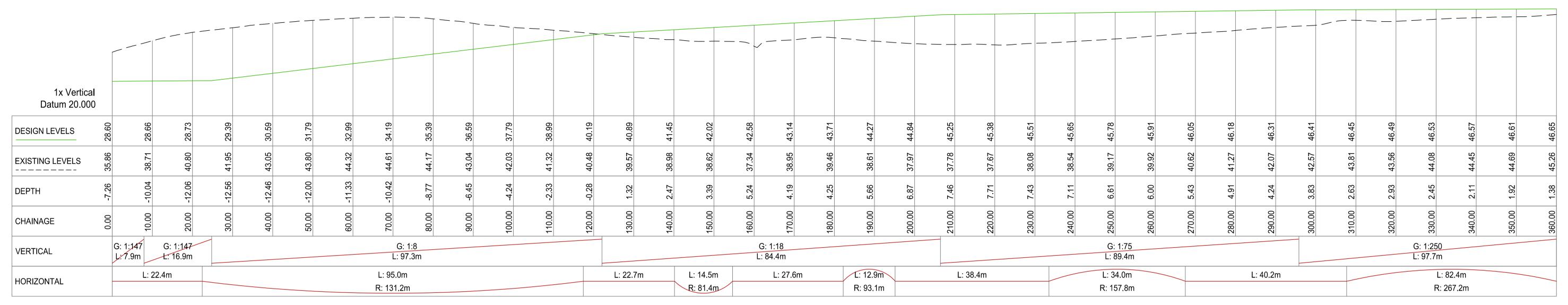


ROAD 2 LONG SECTION

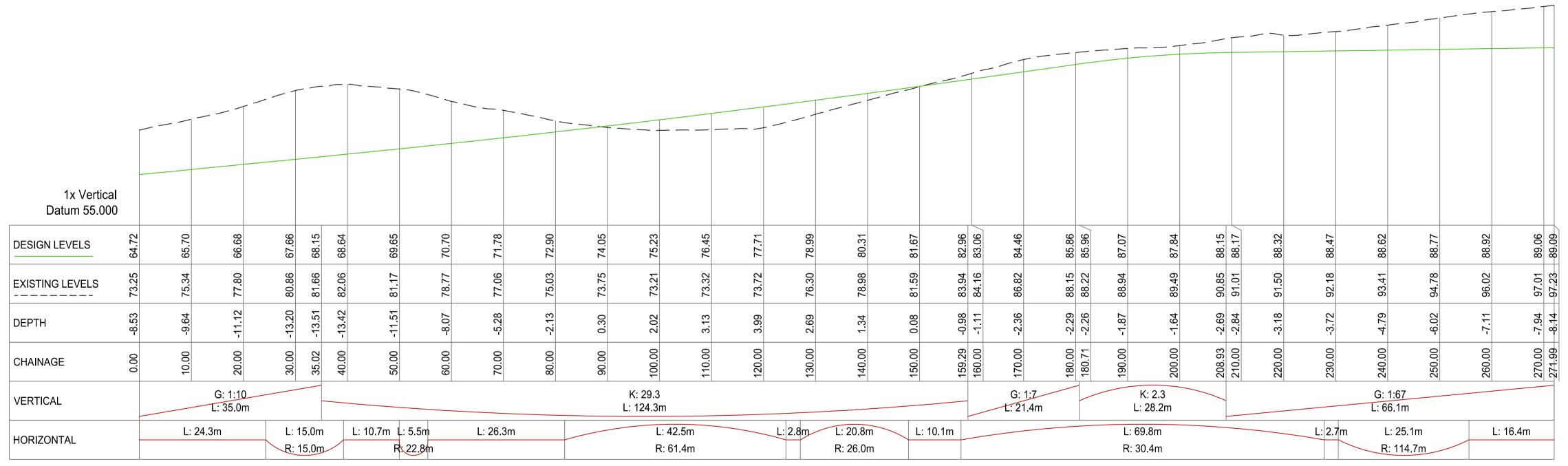


ROAD 2 LONG SECTION

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Rev.	Date	Reason	Approved
P1	15/12/23	Issued for Information	RB
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P4	15/01/25	Issued for Information	RB
P5	31/01/25	Issued for Information	RB



ROAD 3 LONG SECTION



ROAD 4 LONG SECTION

CAD ref: T:\projects\39s\39470 - Maitahi Development\Civil\39470.Drawing Set 4-Roading

OBO0 999 333
hello@do.nz

Www.do.nz

EVELOPMENT ENGINEE
SON ROADIN

 Design
 Drawn
 QA Check

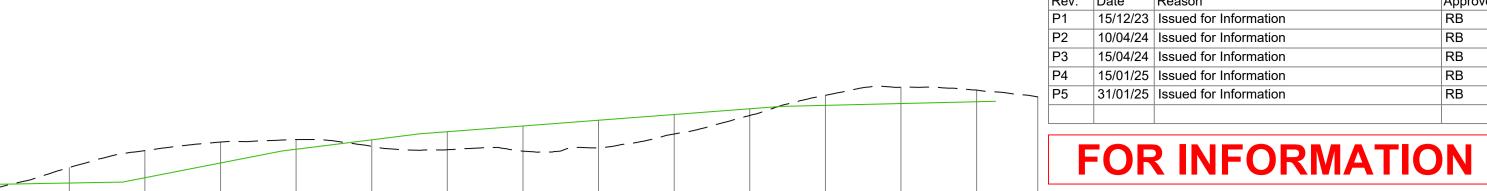
 BVB
 CR
 DB

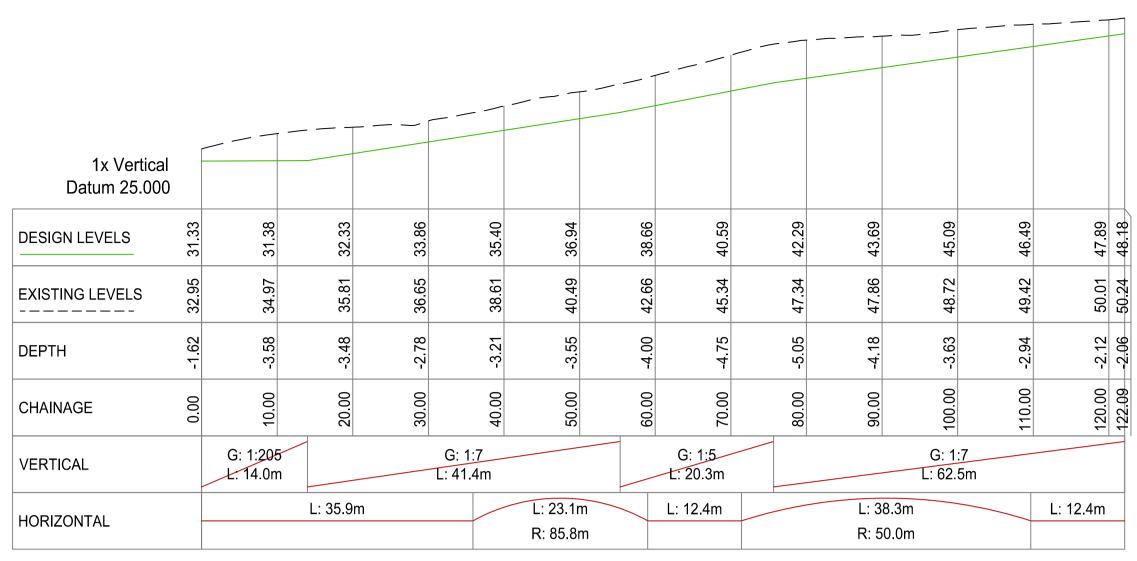
 Scale @ A1
 Date Started
 Job No.

 1:500 (m)
 12/23
 3947

RB

RB

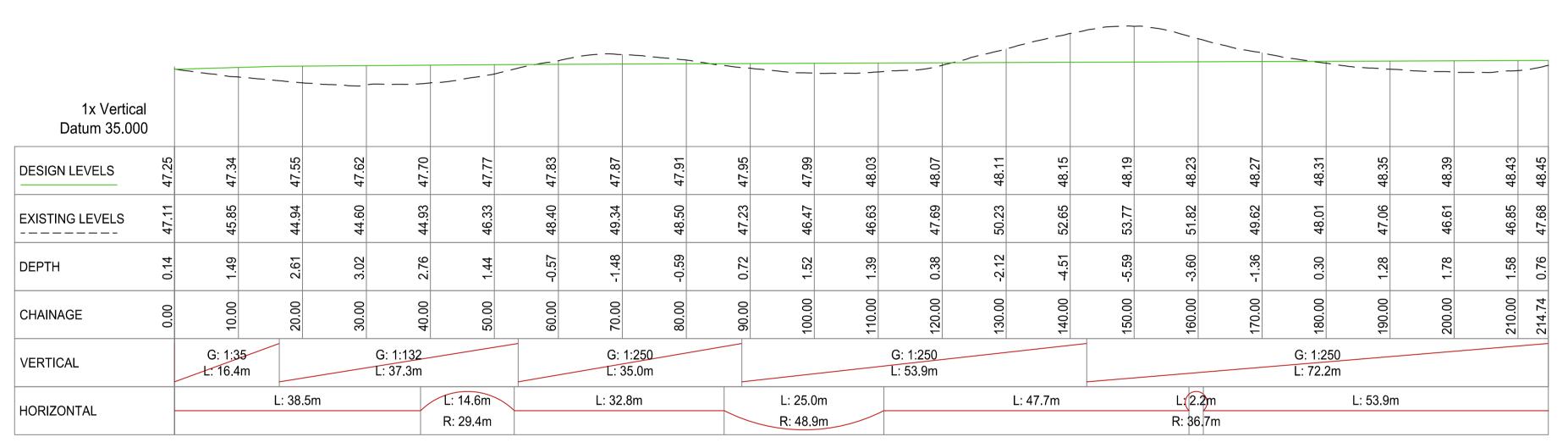




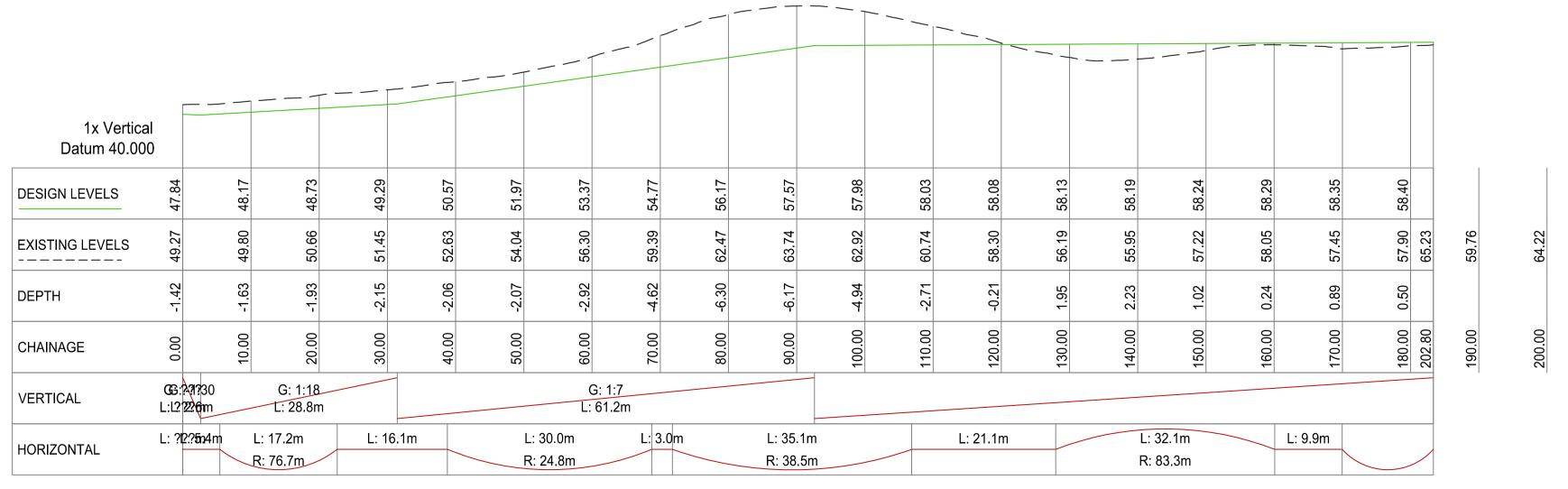
1x Vertical Datum 40.000 DESIGN LEVELS 85 EXISTING LEVELS 62 8 55 DEPTH 130.00 CHAINAGE G: 1:59 G: 1:5 G: 1:8 G: 1:13 G: 1:43 **VERTICAL** L: 16.8m L: 21.0m L: 18.3m L: 47.7m L: 28.4m L: 38.0m L: 25.0m L: 26.4m L: 28.0m L: 20.7m HORIZONTAL R: 32.3m R: 30.7m

ROAD 5 LONG SECTION

ROAD 8 LONG SECTION



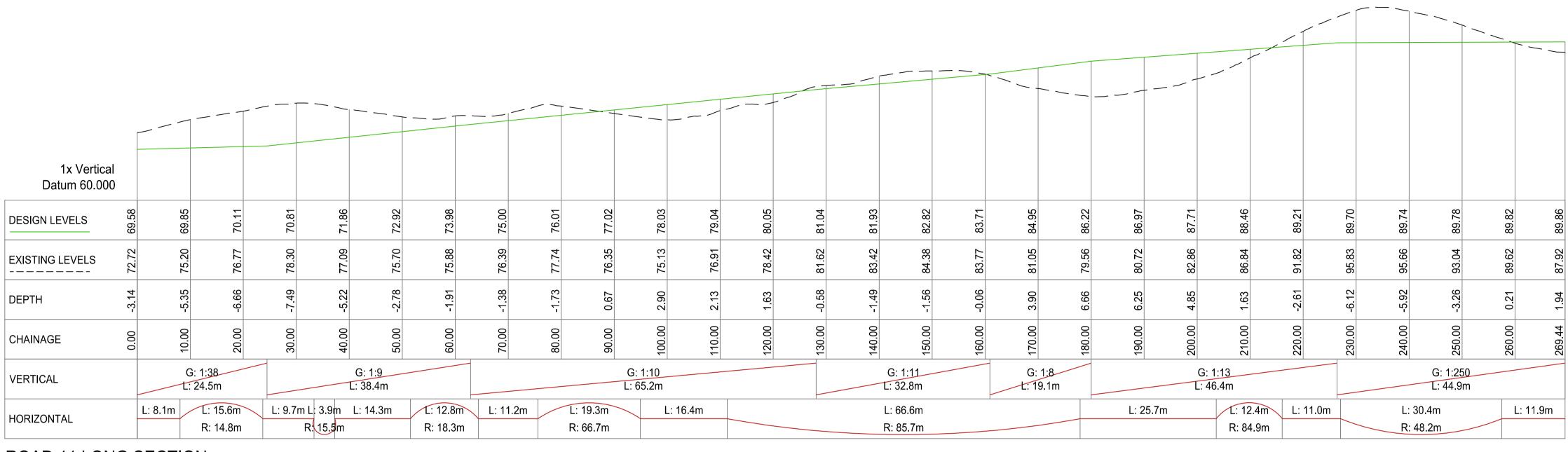
ROAD 9 LONG SECTION



ROAD 10 LONG SECTION

CAD ref: T:\projects\39s\39470 - Maitahi Development\Civil\39470.Drawing Set 4-Roading

P2 10/0	2/23 Issued 4/24 Issued			RB
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P3 15/0	4/24 Issued	for Informat	tion	RB
P4 15/0	1/25 Issued	for Informat	tion	RB



ROAD 11 LONG SECTION