

NOTES :

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LEGEND AND ABBREVIATIONS

- PROP. CENTER LINE
- EXISTING ROAD SHOULDER
- EXISTING PAVEMENT
- ROW
- EXISTING GUARD RAIL
- EXISTING STONE WALL
- EXISTING CONCRETE WALL
- EXISTING HOUSE
- EXISTING BARAKS
- EXISTING ELECTRICAL POLE
- EXISTING TELEPHONE POLE
- EXISTING HIGH TENSION POLE
- EXISTING FENCE
- DIRT ROAD

PROFILE LEGEND

- NATURAL GROUND LEVEL
- PROPOSED GROUND LEVEL

Supervisor :
Eng. Faydi Shabaneh

Students :
1 Ahmed Shawk Mhameed
2 Mohammed Sabbah

REVISION	DATE	DESCRIPTION
1		FIRST DRAFT
2		FINAL DRAWINGS



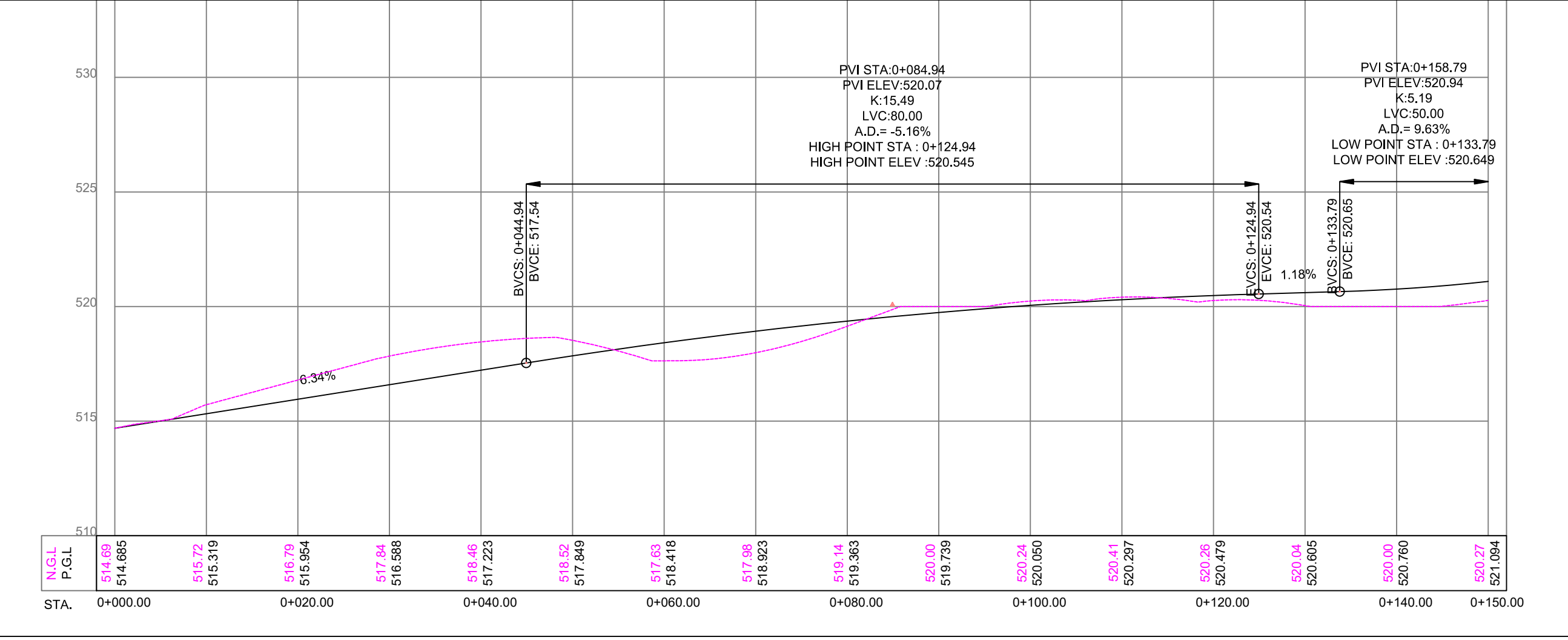
Project Name: **Road Design**

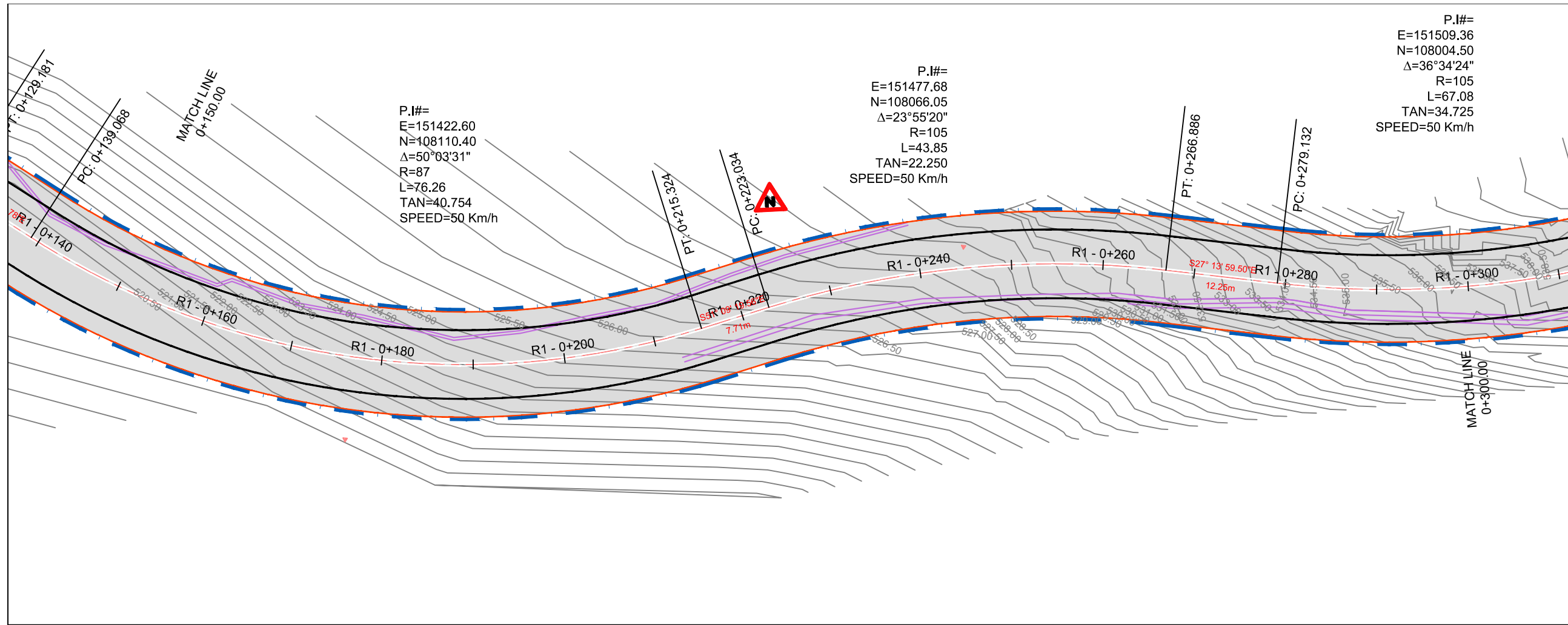
DESIGN DRAWING

Drawing Title
Plan & Profile
0+000.00 To 0+150.00

Scale
H = 1:500
V = 1:200

Sheet No.
1





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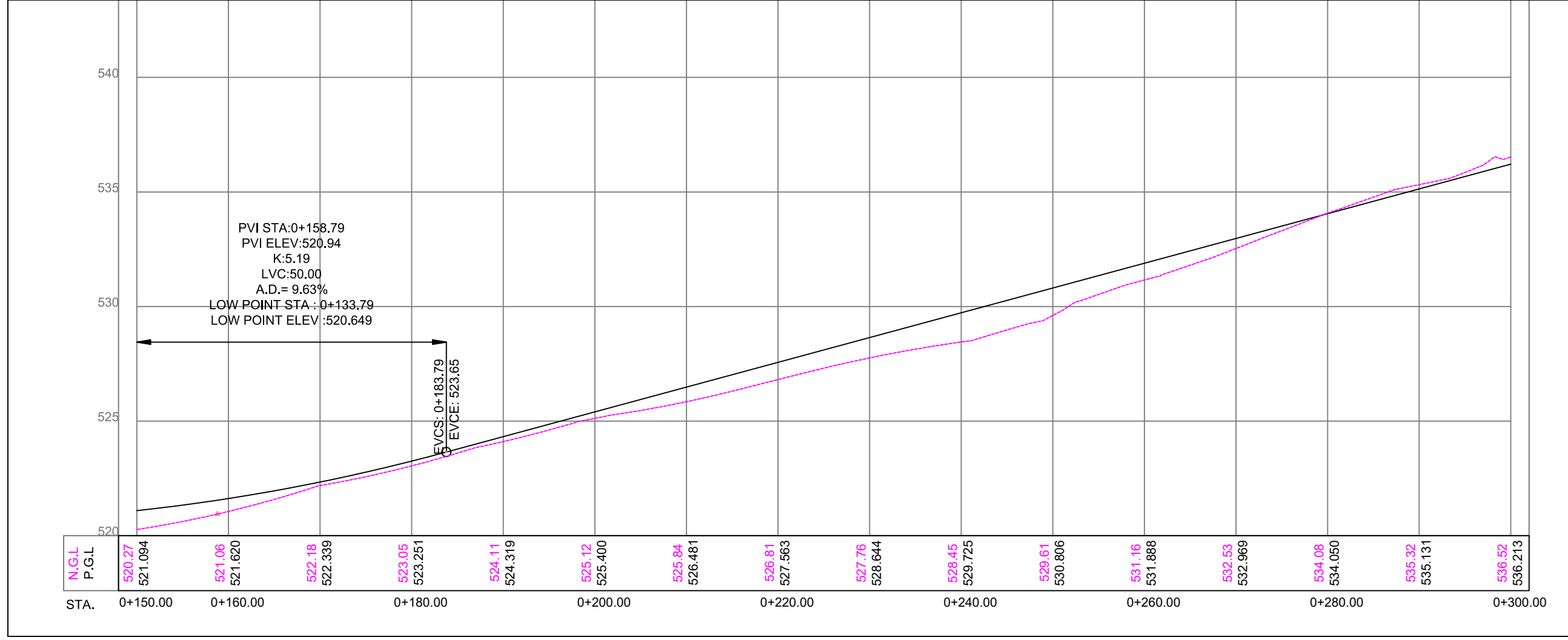
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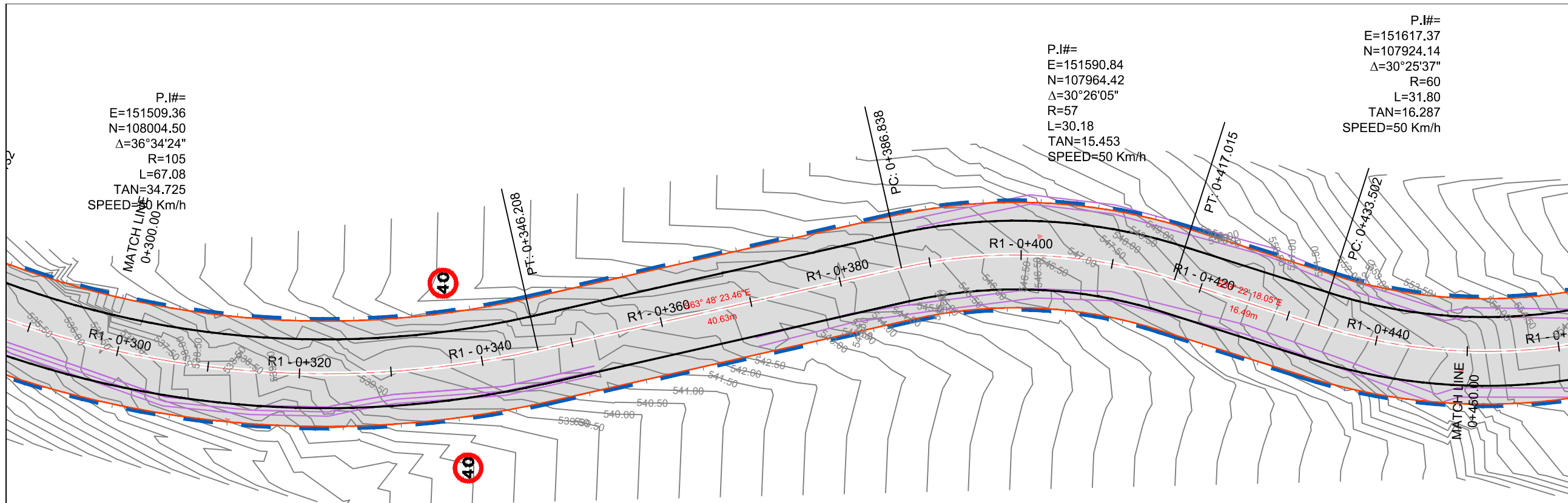
DESIGN DRAWING

Drawing Title
Plan & Profile
0+150.00 To 0+300.00

Scale
H = 1:500
V = 1:200

Sheet No.
2





P.I#=
E=151509.36
N=108004.50
 $\Delta=36^{\circ}34'24''$
R=105
L=67.08
TAN=34.725
SPEED=50 Km/h

P.I#=
E=151590.84
N=107964.42
 $\Delta=30^{\circ}26'05''$
R=57
L=30.18
TAN=15.453
SPEED=50 Km/h

P.I#=
E=151617.37
N=107924.14
 $\Delta=30^{\circ}25'37''$
R=60
L=31.80
TAN=16.287
SPEED=50 Km/h

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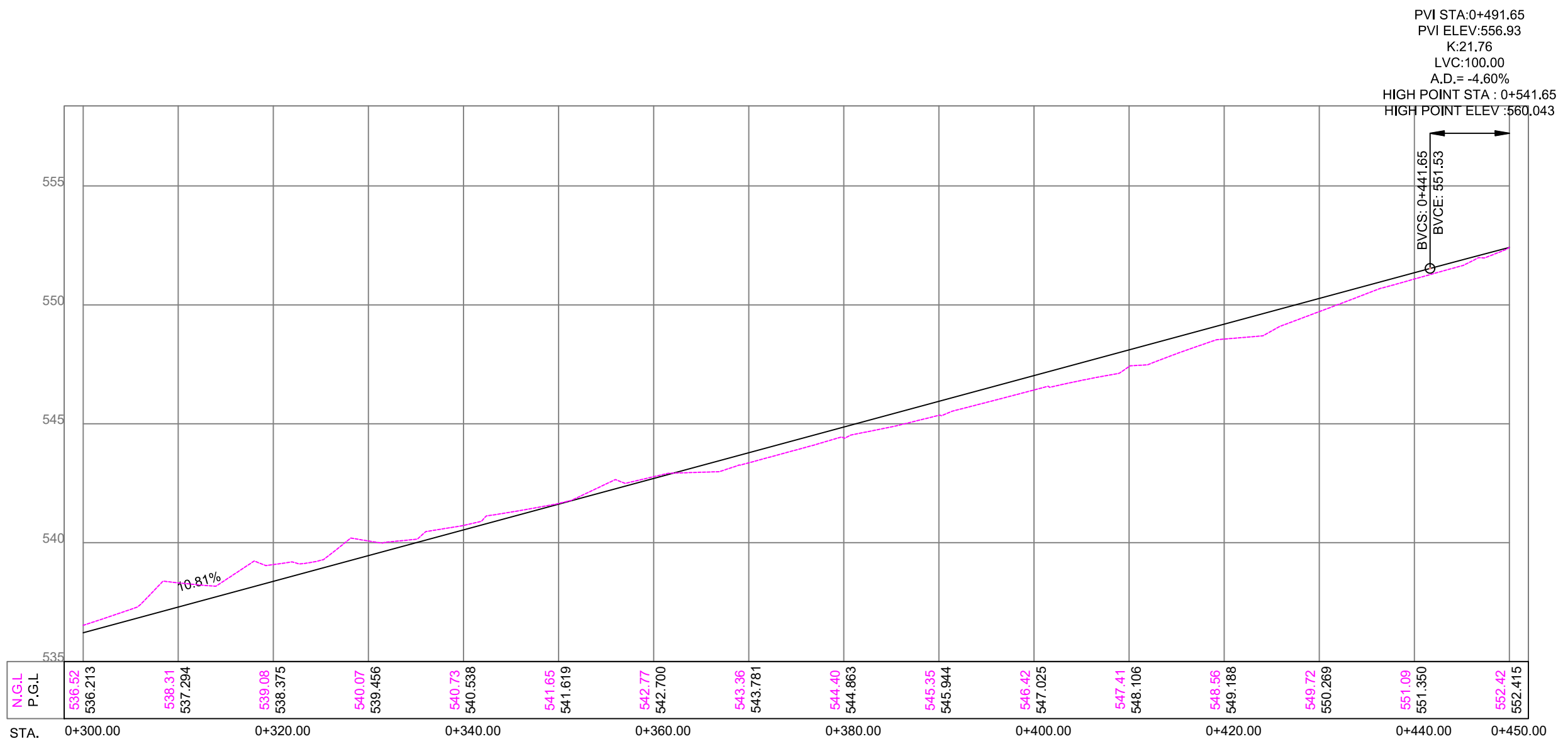
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DESIGN DRAWING

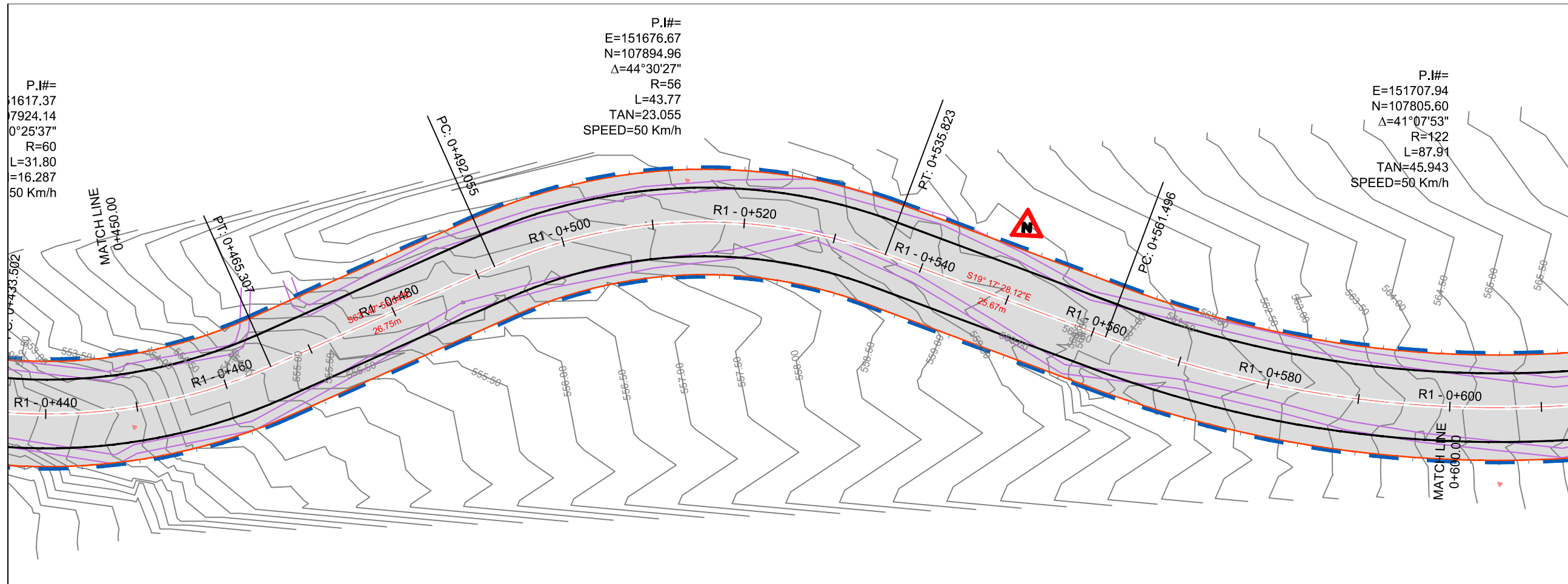
Drawing Title
Plan & Profile
0+300.00 To 0+450.00

Scale
H = 1:500
V = 1:200

Sheet No.
3



STA.	N.G.L.	P.G.L.
0+300.00	536.52	536.213
	538.31	537.294
	539.08	538.375
	540.07	539.456
	540.73	540.538
	541.65	541.619
	542.77	542.700
	543.36	543.781
	544.40	544.863
	545.35	545.944
	546.42	547.025
	547.41	548.106
	548.56	549.188
	549.72	550.269
	551.09	551.350
	552.42	552.415



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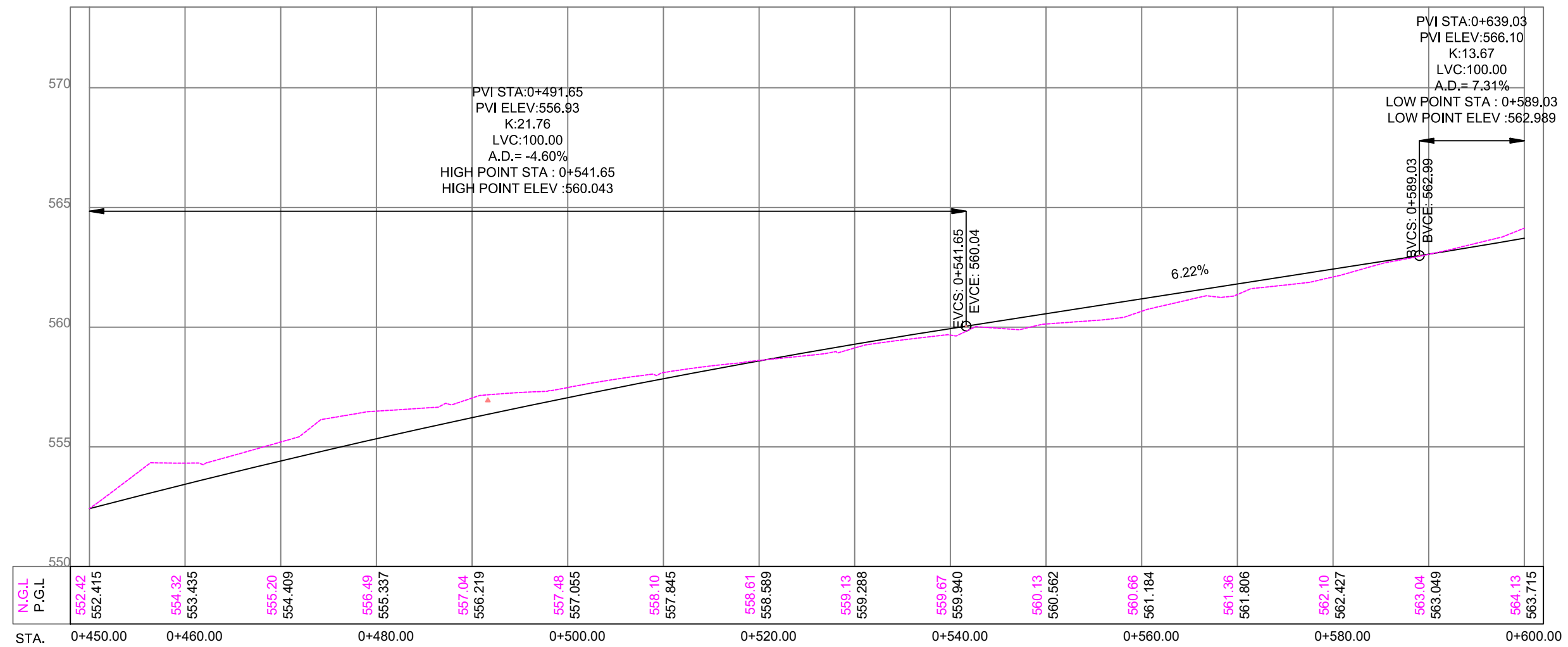
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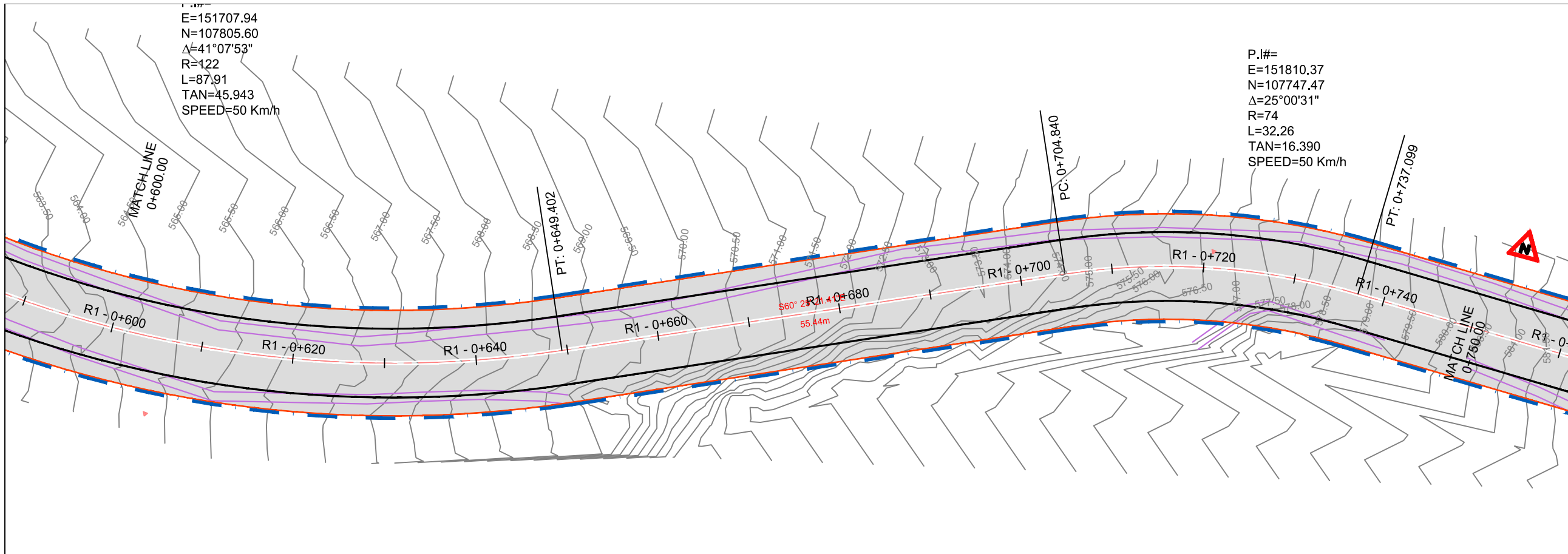
Drawing Title
Plan & Profile
0+450.00 To 0+600.00

Scale
H = 1:500
V = 1:200

Sheet No.
4



STA. 0+450.00 0+460.00 0+480.00 0+500.00 0+520.00 0+540.00 0+560.00 0+580.00 0+600.00



E=151707.94
 N=107805.60
 $\Delta=41^{\circ}07'53''$
 R=122
 L=87.91
 TAN=45.943
 SPEED=50 Km/h

P.I.#=
 E=151810.37
 N=107747.47
 $\Delta=25^{\circ}00'31''$
 R=74
 L=32.26
 TAN=16.390
 SPEED=50 Km/h

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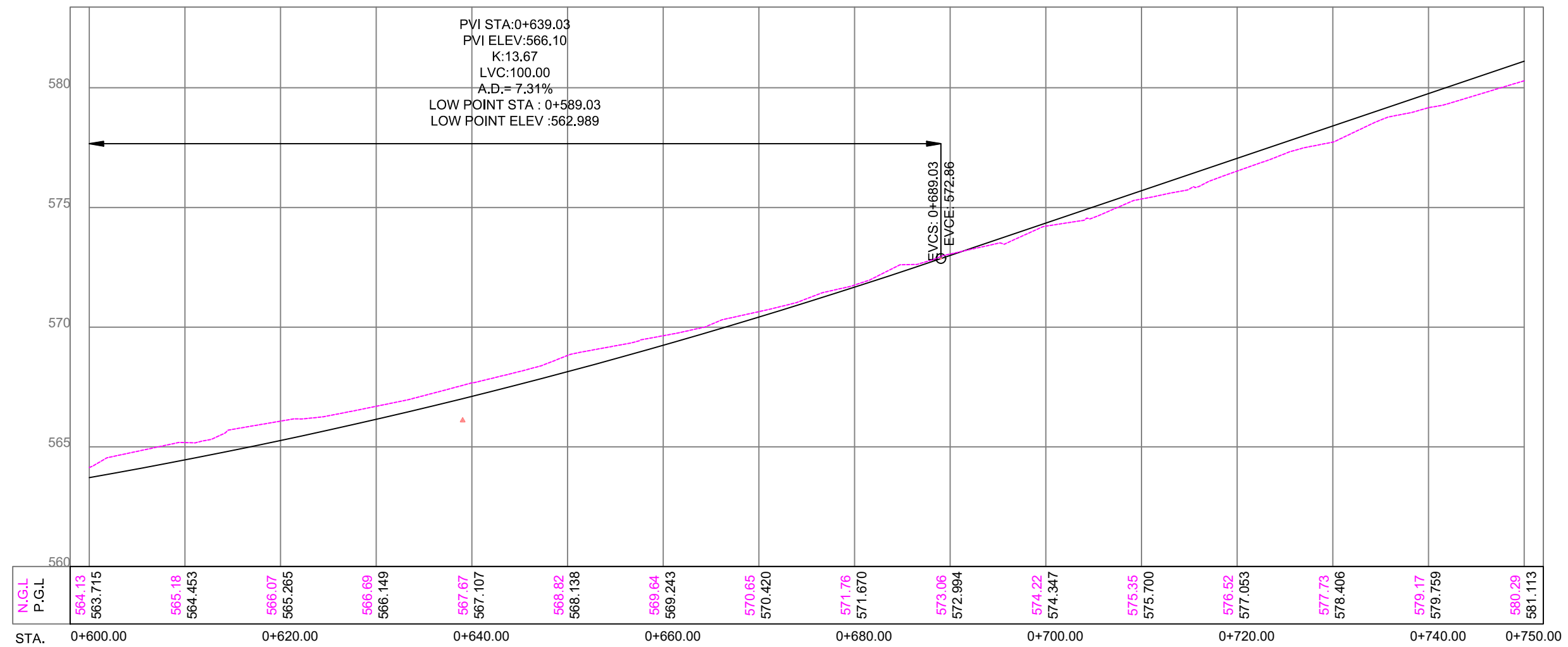
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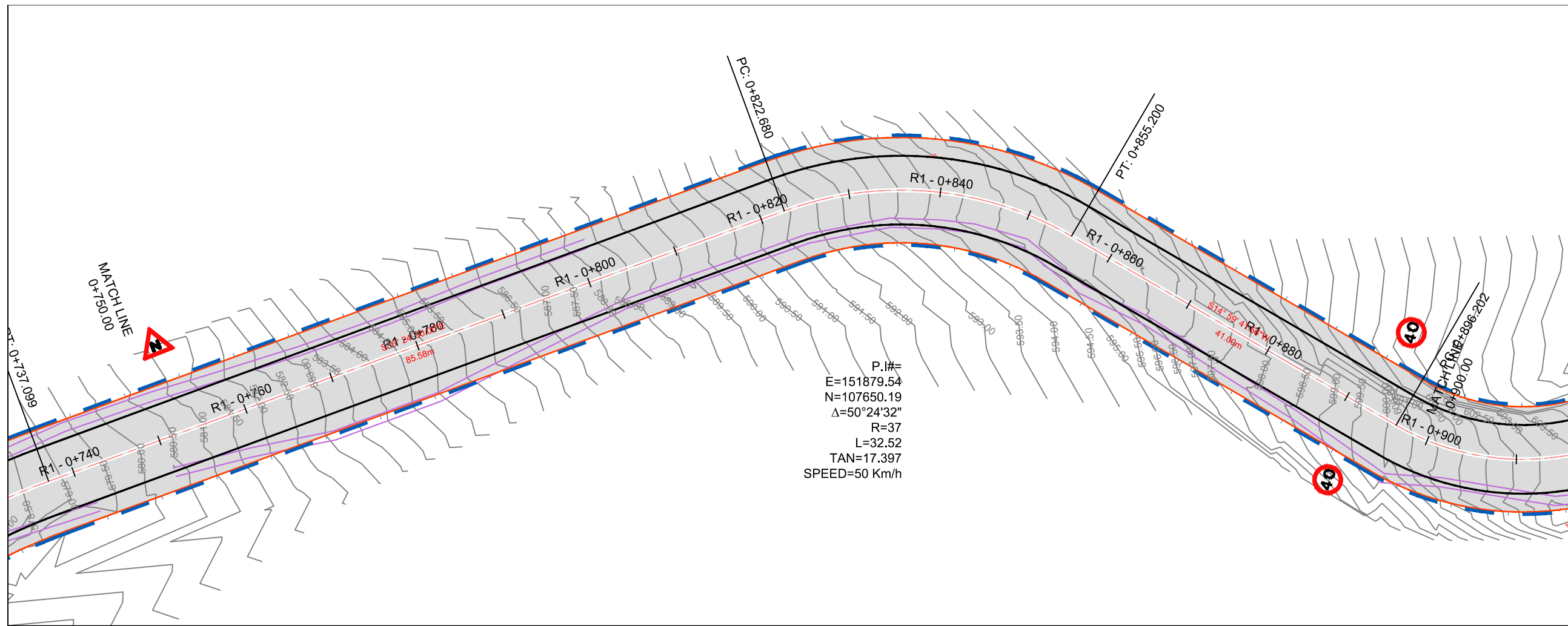
Drawing Title

Plan & Profile
 0+600.00 To 0+750.00

Scale
 H = 1:500
 V = 1:200

Sheet No.
 5





P.I.#=
 E=151879.54
 N=107650.19
 $\Delta=50^{\circ}24'32''$
 R=37
 L=32.52
 TAN=17.397
 SPEED=50 Km/h

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University :



Palestine Polytechnic University

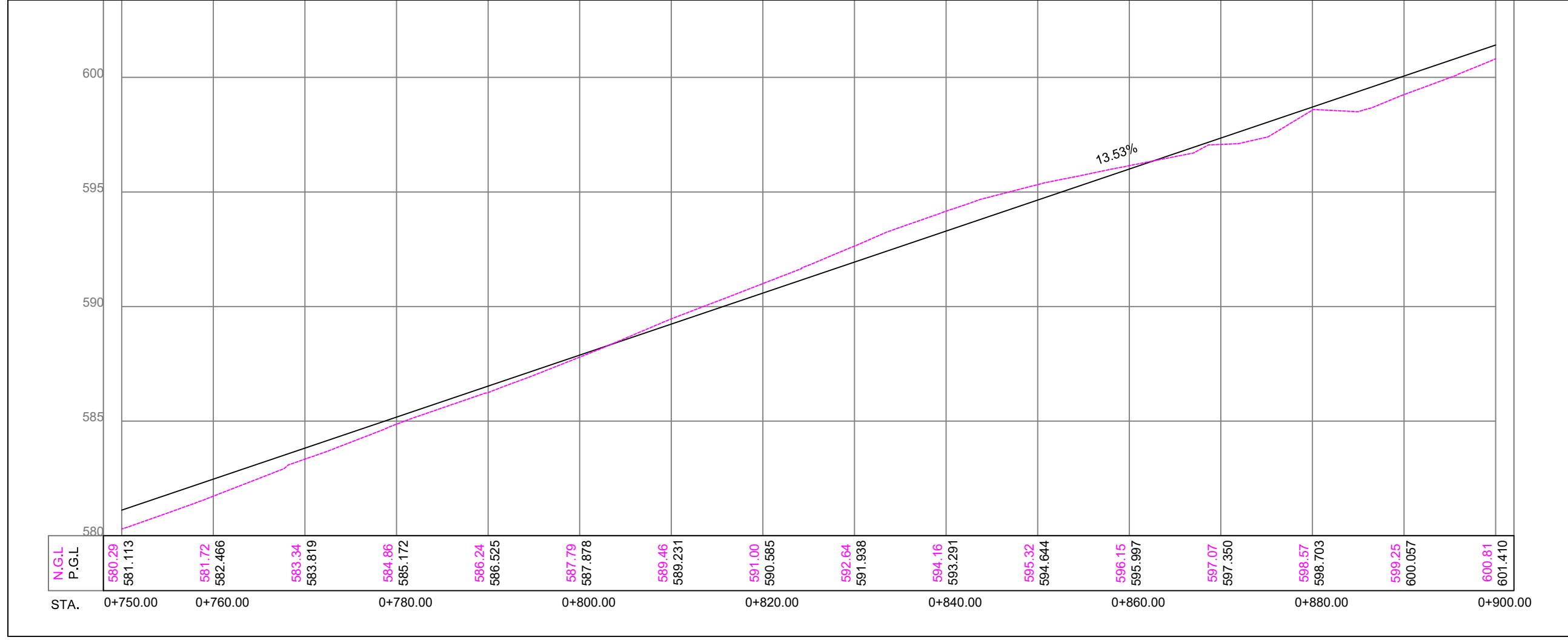
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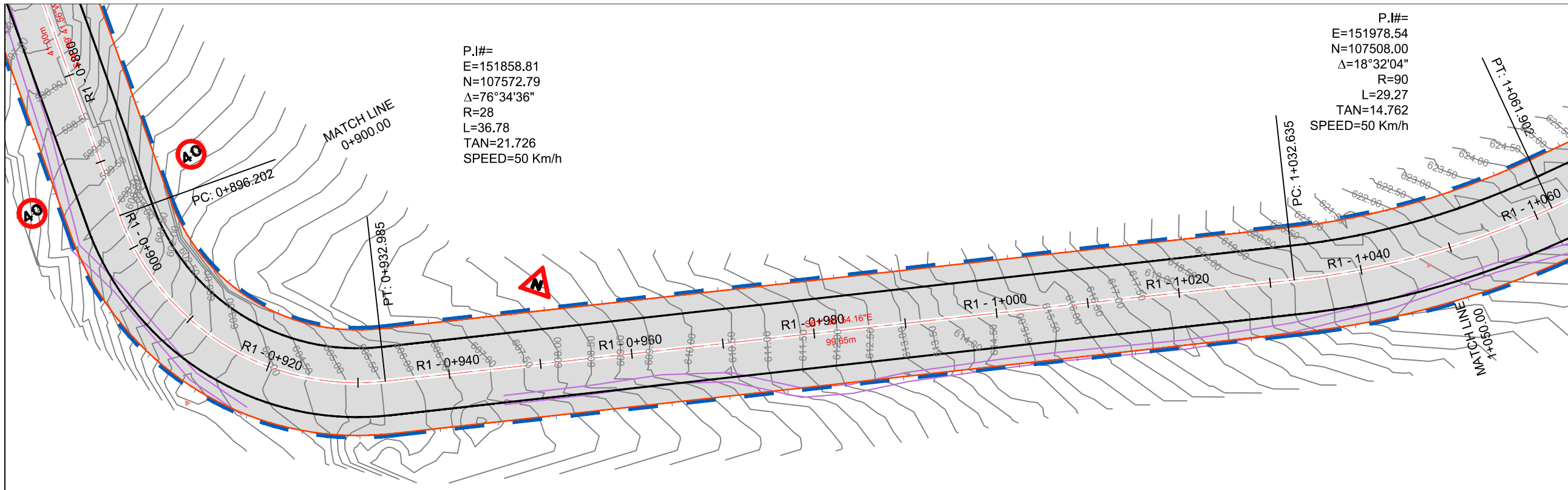
DESIGN DRAWING

Drawing Title
Plan & Profile
0+750.00 To 0+900.00

Scale
H = 1:500
V = 1:200

Sheet No.
6





P.I.#=
E=151858.81
N=107572.79
 $\Delta=76^{\circ}34'36''$
R=28
L=36.78
TAN=21.726
SPEED=50 Km/h

P.I.#=
E=151978.54
N=107508.00
 $\Delta=18^{\circ}32'04''$
R=90
L=29.27
TAN=14.762
SPEED=50 Km/h

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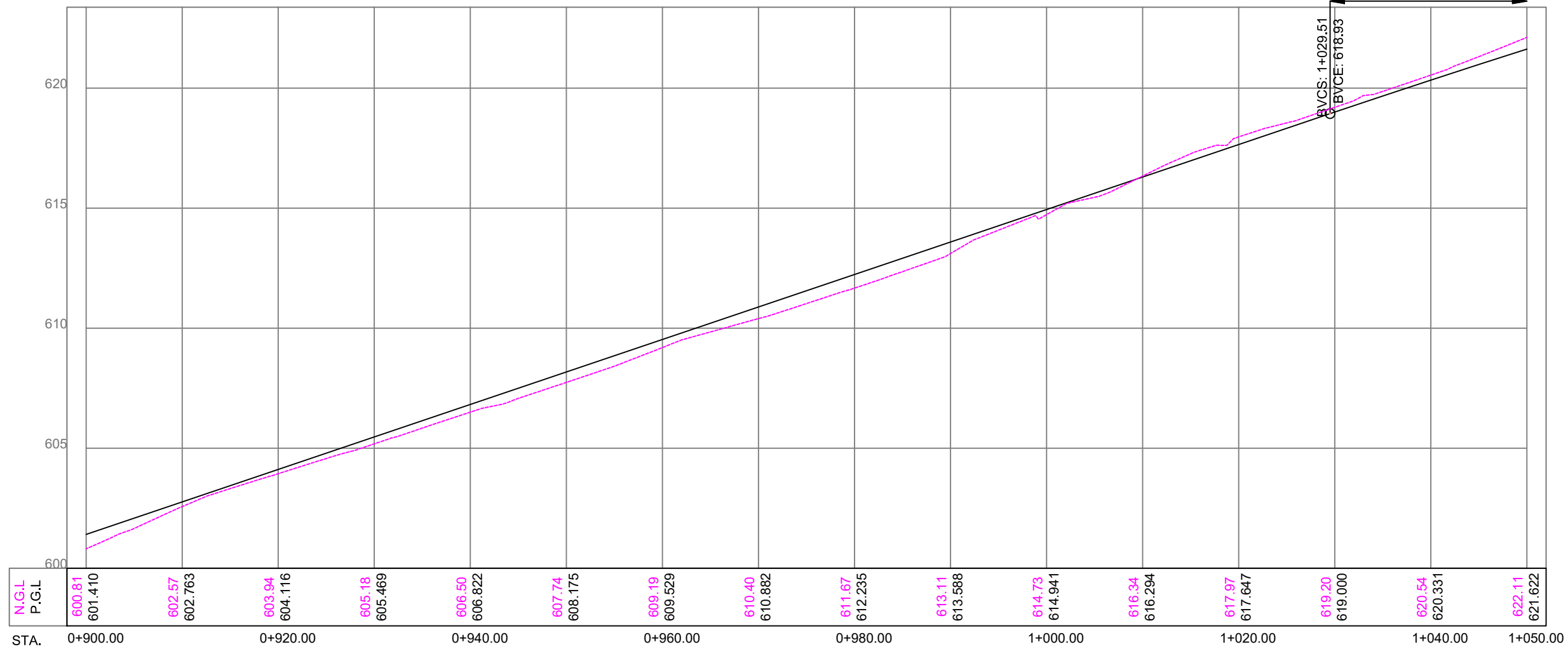
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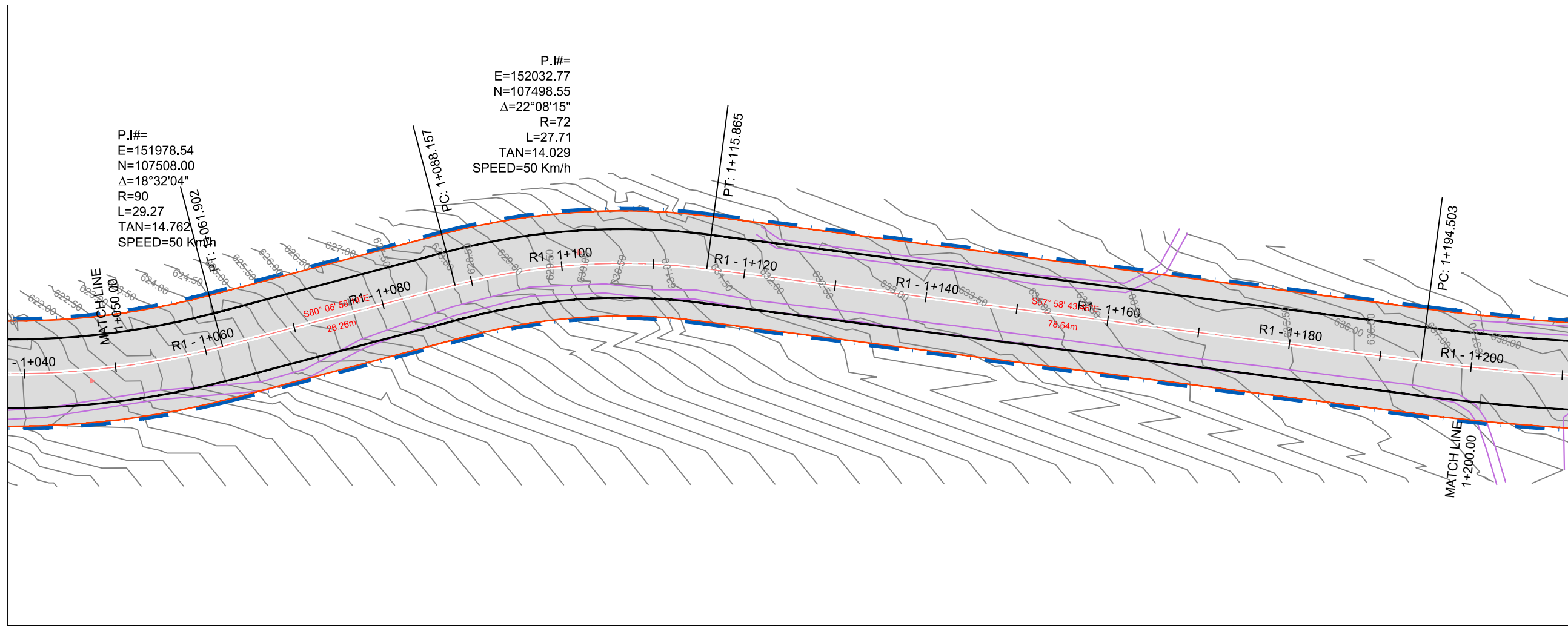
Plan & Profile
0+900.00 To 1+050.00

Scale
H = 1:500
V = 1:200

Sheet No.
7

PVI STA: 1+079.51
PVI ELEV: 625.70
K: 24.79
LVC: 100.00
A.D. = -4.03%
HIGH POINT STA : 1+129.51
HIGH POINT ELEV : 630.448





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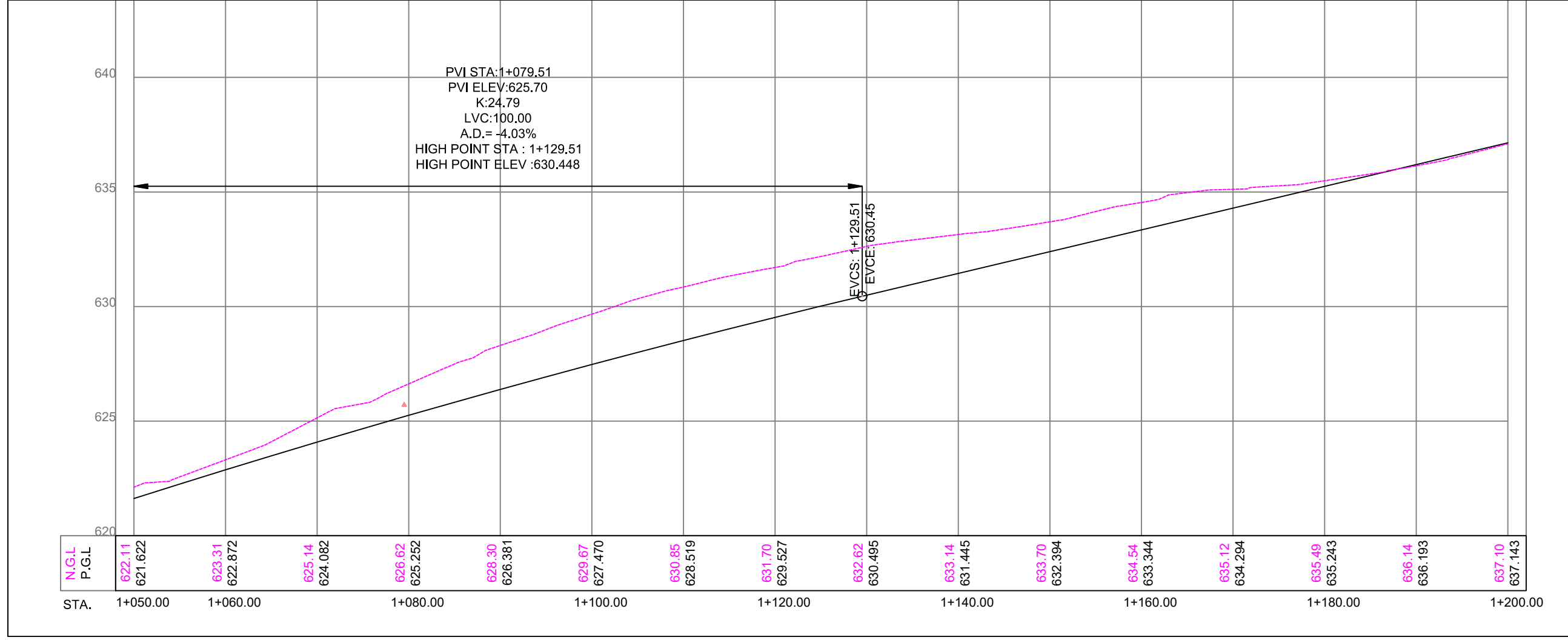
Project Name: **Road Design**

DESIGN DRAWING

Drawing Title
Plan & Profile
1+050.00 To 1+200.00

Scale
H = 1:500
V = 1:200

Sheet No.
8



P.I.#=
 E=152129.77
 N=107437.89
 $\Delta=10^{\circ}23'42''$
 R=239
 L=43.36
 TAN=21.739
 SPEED=50 Km/h

P.I.#=
 E=152229.42
 N=107366.74
 $\Delta=21^{\circ}19'46''$
 R=86
 L=31.95
 TAN=16.164
 SPEED=50 Km/h

P.I.#=
 E=152160.44
 N=107425.73
 $\Delta=18^{\circ}54'27''$
 R=52
 L=17.24
 TAN=8.698
 SPEED=50 Km/h

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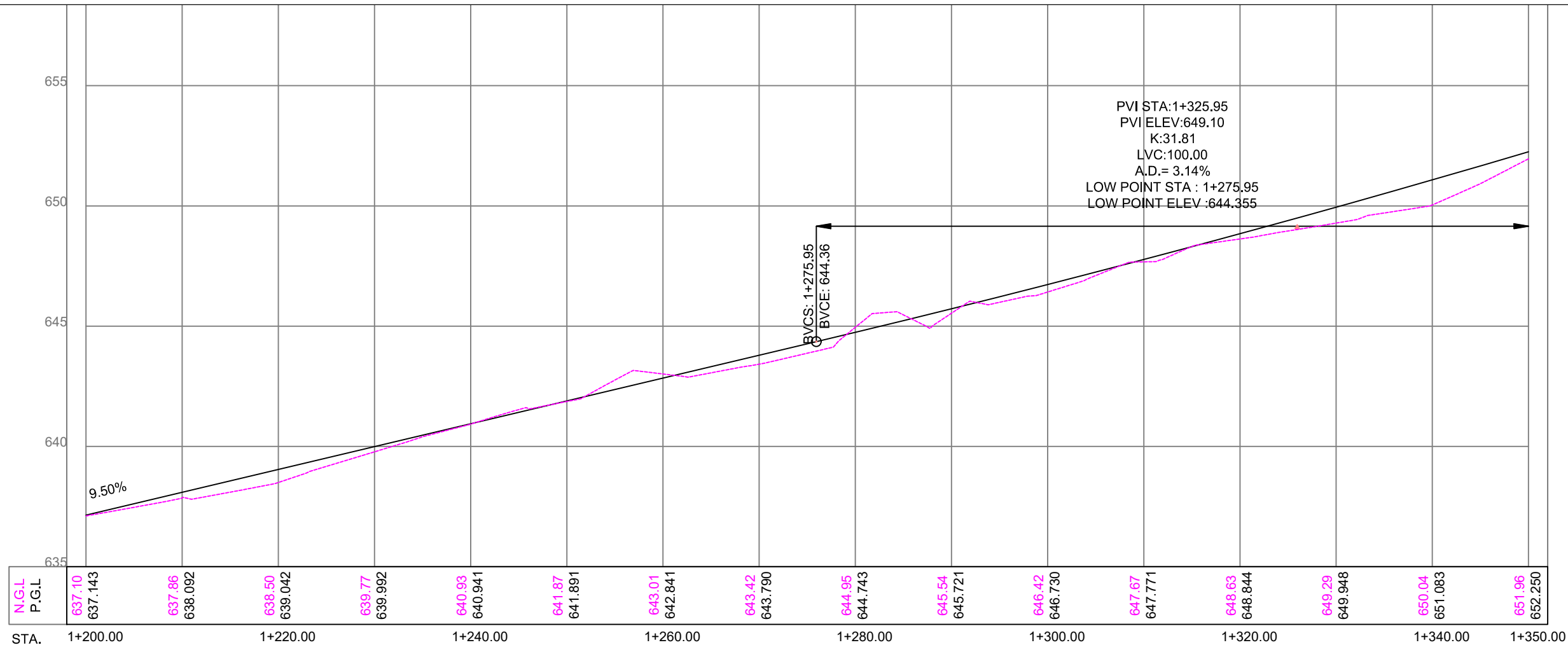
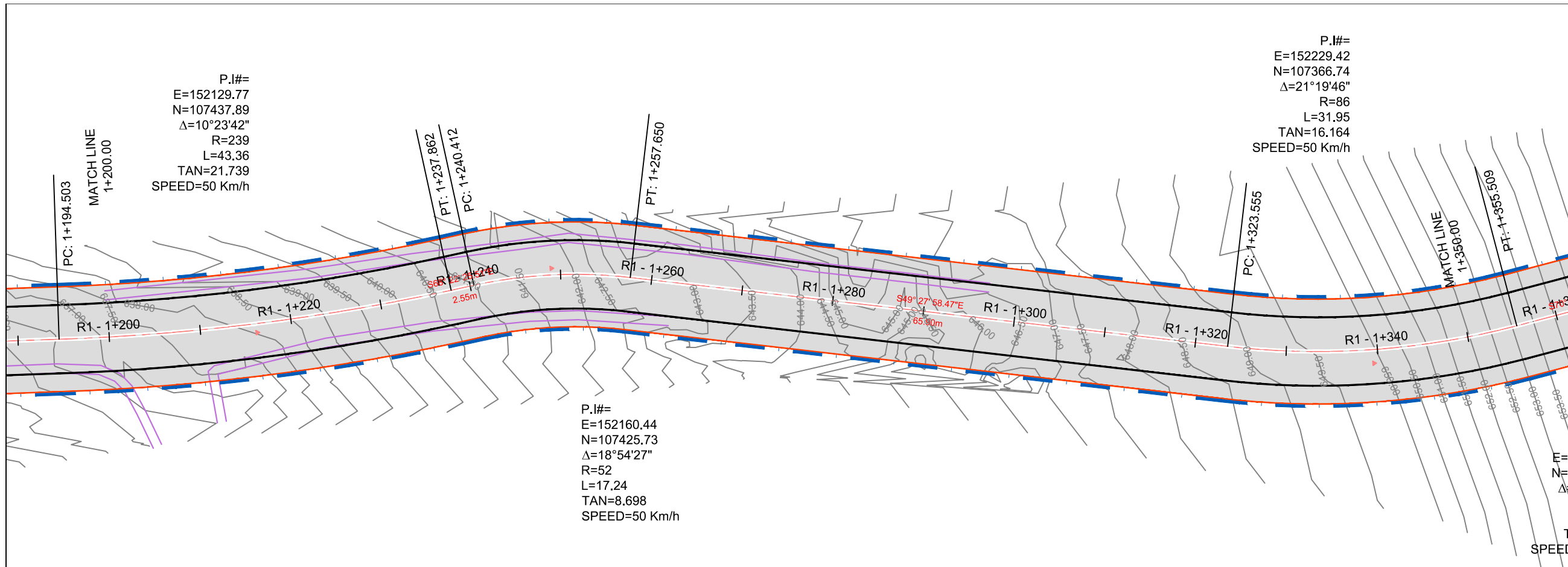
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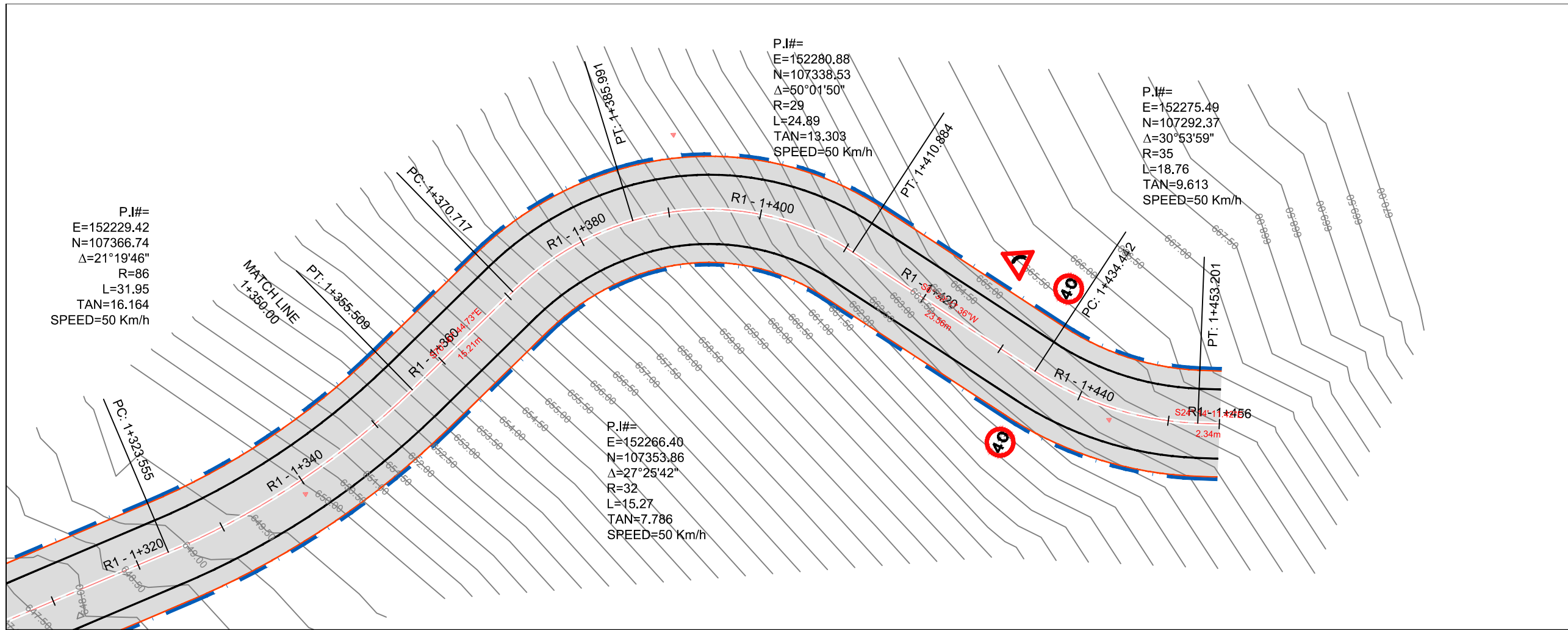
Drawing Title

Plan & Profile
 1+200.00 To 1+350.00

Scale
 H = 1:500
 V = 1:200

Sheet No.
 9





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DESIGN DRAWING

Drawing Title
Plan & Profile
1+350.00 To 1+455.54 (1)

Scale
H = 1:500
V = 1:200

Sheet No.
1

