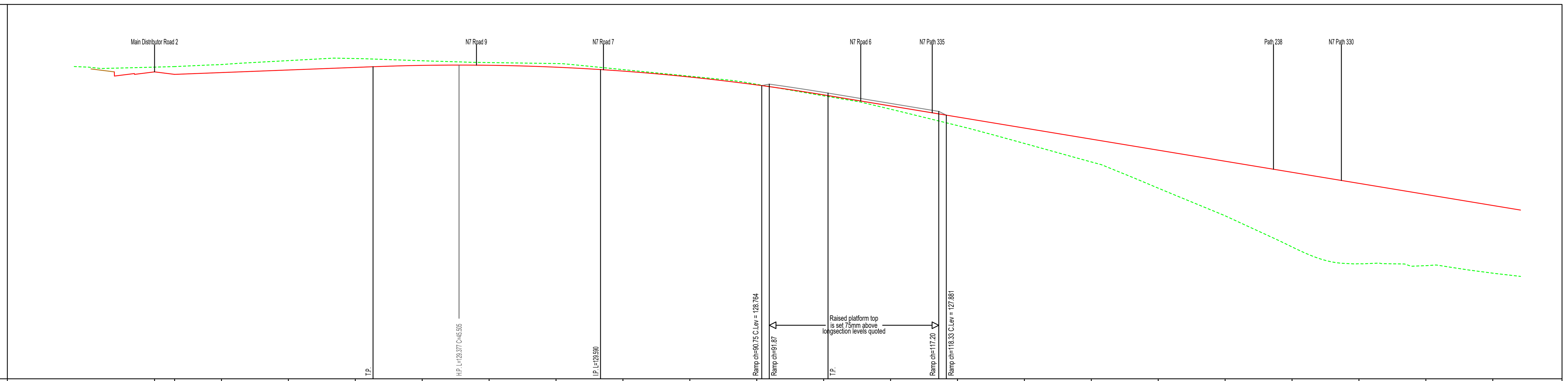
N7 Road 3 1 of 2



Vertical Exaggeration: 5

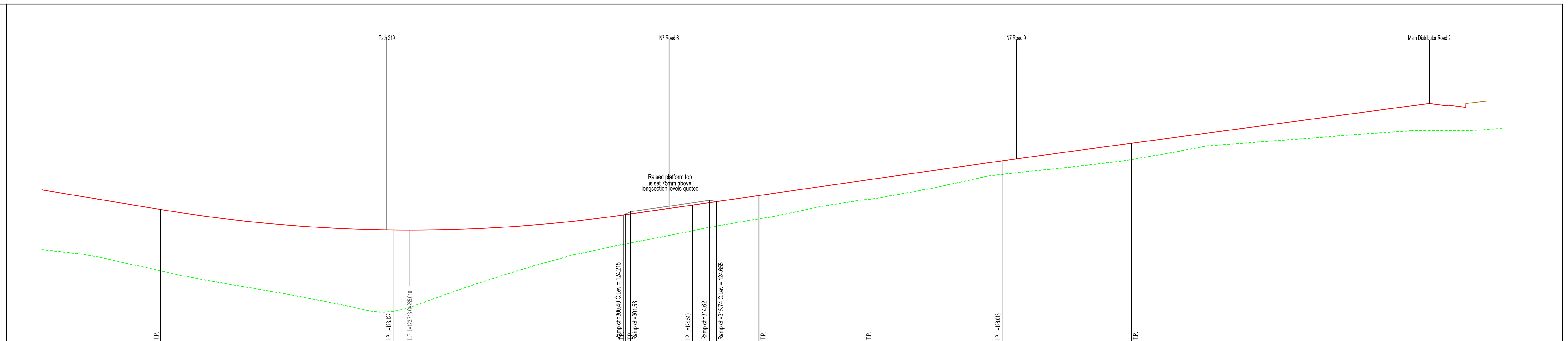
Datum: 120.000M AOD

CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	LEVELS ON LEFT HAND CHANNEL (m)	LEVELS ON RIGHT HAND CHANNEL (m)	EXISTING LEVELS (m)
0.000	129.174			
3.000	129.099			129.332
10.000	129.153	129.084	129.085	129.393
20.000	129.230	129.161	129.162	129.511
30.000	129.307	129.239	129.239	129.573
40.000	129.368	129.299	129.300	129.507
50.000	129.371	129.302	129.303	129.453
60.000	129.314	129.246	129.246	129.423
70.000	129.198	129.129	129.129	129.242
80.000	129.021	128.952	128.952	129.044
90.000	128.784	128.715	128.715	128.803
100.000	128.487	128.418	128.418	128.459
110.000	128.157	128.088	128.088	128.059
120.000	127.826	127.757	127.757	127.570
130.000	127.495	127.426	127.426	127.035
140.000	127.165	127.096	127.096	126.482
150.000	126.834	126.765	126.765	125.699
160.000	126.503	126.434	126.434	124.872
170.000	126.173	126.104	126.104	123.942
180.000	125.842	125.773	125.773	123.439
190.000	125.511	125.442	125.442	123.382
200.000	125.181	125.112	125.112	123.158

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		
GRADIENT 0.8% (1 in 130) LENGTH = 29.651m	HOG CURVE K = 16.677 L = 68.000	GRADIENT -3.3% (-1 in 30) LENGTH = 123.095m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		
STRAIGHT LENGTH = 164.381m	CURVE R = 5.700 L = 10.352	STRAIGHT LENGTH = 80.074m

N7 Road 3 2 of 2



Vertical Exaggeration: 5

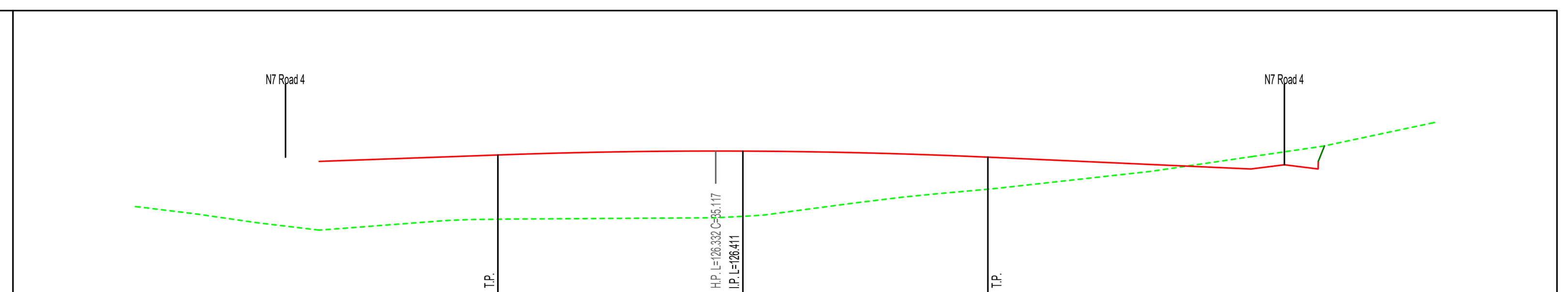
Datum: 120.000M AOD

CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	LEVELS ON LEFT HAND CHANNEL (m)	LEVELS ON RIGHT HAND CHANNEL (m)	EXISTING LEVELS (m)
210.000	124.850	124.781	124.781	122.936
220.000	124.519	124.450	124.450	122.534
230.000	124.204	124.136	124.136	122.107
240.000	123.964	123.895	123.895	121.756
250.000	123.803	123.735	123.735	121.390
260.000	123.723	123.654	123.654	121.005
270.000	123.723	123.654	123.654	121.518
280.000	123.803	123.734	123.734	122.190
290.000	123.963	123.895	123.895	122.780
300.000	124.204	124.135	124.135	123.229
310.000	124.490	124.421	124.421	123.622
320.000	124.777	124.708	124.708	123.996
330.000	125.065	124.996	124.996	124.365
340.000	125.352	125.284	125.284	124.712
350.000	125.638	125.569	125.569	125.047
360.000	125.919	125.851	125.851	125.473
370.000	126.196	126.127	126.127	125.706
380.000	126.468	126.399	126.399	125.930
390.000	126.735	126.667	126.667	126.238
400.000	127.003	126.934	126.934	126.542
410.000	127.270	127.201	127.201	126.695
420.000	127.537	127.469	127.469	126.850
430.000	127.805	127.856	127.747	
430.650	127.822			126.996
433.660	127.897			

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE				
SAG CURVE K = 12.479 L = 77.000	SAG CURVE K = 1853.319 L = 22.000	GRADIENT 2.9% (1 in 35) LENGTH = 18.887m	HOG CURVE K = 210.841 L = 42.700	GRADIENT 2.7% (1 in 37) LENGTH = 46.326m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE				
STRAIGHT LENGTH = 80.074m	CURVE R = 6.000 L = 7.953	STRAIGHT LENGTH = 138.444m	CURVE R = 35.538 L = 10.384	STRAIGHT LENGTH = 16.072m

N7 Road 5



Vertical Exaggeration: 5

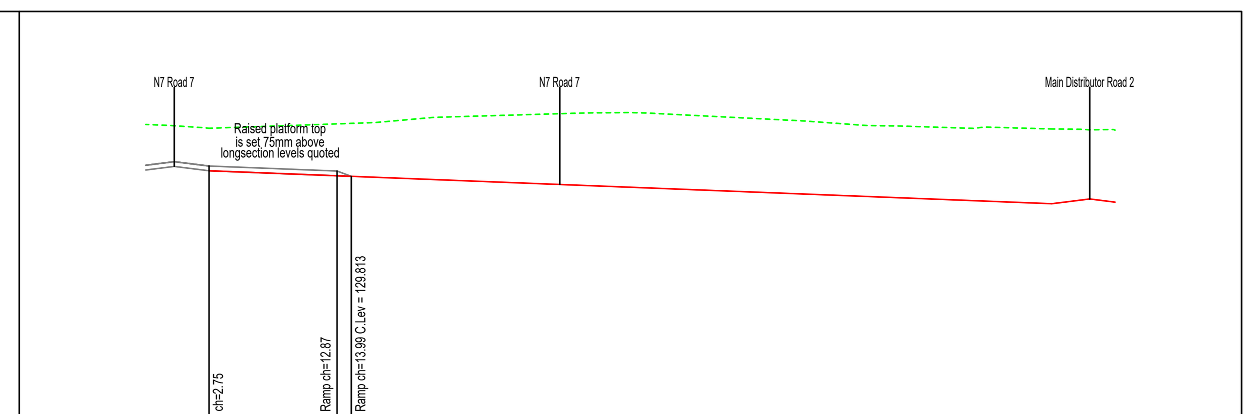
Datum: 124.000M AOD

CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	LEVELS ON LEFT HAND CHANNEL (m)	LEVELS ON RIGHT HAND CHANNEL (m)	EXISTING LEVELS (m)
0.000	126.231			
2.750	126.163			125.041
10.000	126.215	126.155	126.155	125.151
20.000	126.285	126.225	126.225	125.224
30.000	126.326	126.266	126.266	125.236
40.000	126.327	126.267	126.267	125.313
50.000	126.287	126.227	126.227	125.570
60.000	126.208	126.148	126.148	125.766
70.000	126.118	126.058	126.058	125.986
78.792	126.039			126.239
81.542	126.108			

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		
GRADIENT 0.7% (1 in 139) LENGTH = 14.585m	HOG CURVE K = 24.727 L = 40.000	GRADIENT -0.9% (-1 in 111) LENGTH = 21.457m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE
STRAIGHT LENGTH = 76.042m

N7 Road 8



Vertical Exaggeration: 5

Datum: 126.000M AOD

CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	LEVELS ON LEFT HAND CHANNEL (m)	LEVELS ON RIGHT HAND CHANNEL (m)	EXISTING LEVELS (m)
0.000	129.970			
2.750	129.901			130.574
10.000	129.844	129.775	129.784	130.623
20.000	129.766	129.697	129.697	130.737
30.000	129.688	129.619	129.619	130.801
40.000	129.609	129.541	129.541	130.788
50.000	129.531	129.462	129.462	130.686
60.000	129.453	129.384	129.384	130.592
69.356	129.380			130.562
72.356	129.455			

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE
GRADIENT -0.8% (-1 in 128) LENGTH = 66.606m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	
STRAIGHT L = 7.294m	STRAIGHT LENGTH = 59.254m

NOTES:

All dimensions in metres.
Do not scale from drawing.
For any discrepancies found please consult with design office.
This drawing should be read in conjunction with all contract drawings, documents and specifications.

LEGEND:

Proposed Road

Existing Ground

Rev	By	Date	Description
01	SM	16/09/26	Updated longsections of roads 3 & 8

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Drawing Status: PLANNING
NOT FOR CONSTRUCTION

Project Title: Longview Estates - Neighbourhood 7

Drawing Title: Road Long Sections
Sheet 1 of 3

Client: Longview

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Designed:	Drawn:	Checked:
AO	AO	KM

Scale:	Date:
1: 500 @ A1 1:1000 @ A3	June 2026

MHL Job No.	Drawing No.	Revision.
24083HD	24083HD-RLS7-P01	01