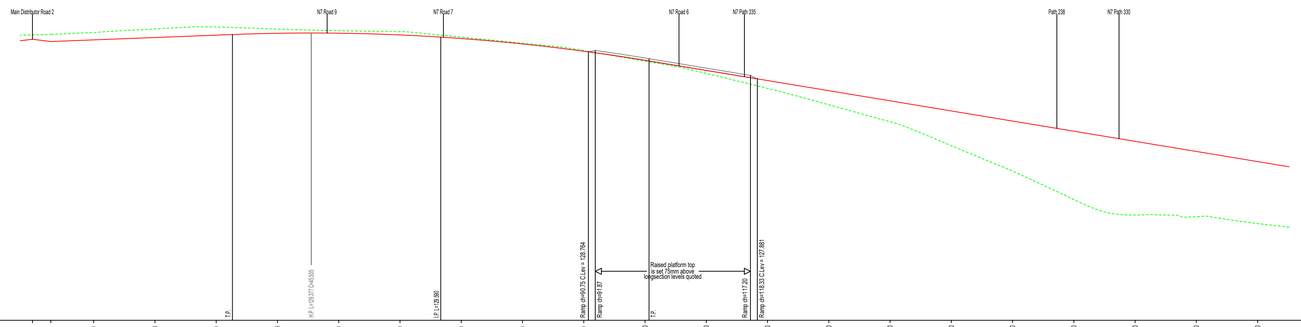
N7 Road 3
1 of 2

Vertical Exaggeration: 5

Datum: 120.000M AOD

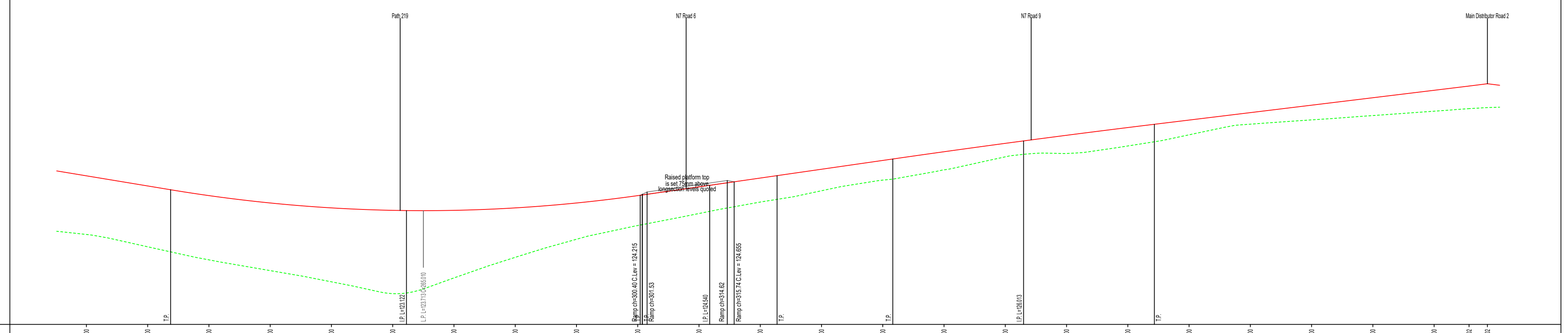


CHAINAGE ON CENTRELINE (m)	0.000	3.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	209.556								
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	125.179	123.689	125.135	125.234	125.337	125.386	125.371	125.314	125.198	125.129	125.021	125.084	125.147	125.000	125.171	127.026	127.146	127.169	127.146	126.954	126.020	126.171	125.542	125.311	125.191						
LEVELS ON LEFT HAND CHANNEL (m)			125.944	125.911	125.209	125.209	125.302	125.348	125.129	125.062	124.715	124.418	124.069	127.757	127.429	127.396	126.763	126.454	126.164	125.773	125.442	125.112									
LEVELS ON RIGHT HAND CHANNEL (m)			125.085	124.945	125.238	125.335	125.333	125.246	124.129	123.962	124.715	124.418	124.069	127.179	127.429	127.396	126.763	126.454	126.164	125.773	125.442	125.112									
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE			GRADIENT 0.8% (1 in 130) LENGTH = 29.851m				HOG CURVE K = 16.677 L = 60.000							GRADIENT -3.3% (-1 in 30) LENGTH = 133.695m																	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE			STRAIGHT LENGTH = 164.381m																		CURVE R = 5.700 L = 10.352		STRAIGHT LENGTH = 80.077m									
EXISTING LEVELS (m)		125.302	125.393	125.511	125.573	125.557	125.463	125.423	125.342	125.344	125.803	125.459	125.309	127.573	127.355	126.462	125.889	124.872	123.342	122.429	121.392	120.558									

N7 Road 3
2 of 2

Vertical Exaggeration: 5

Datum: 120.000M AOD

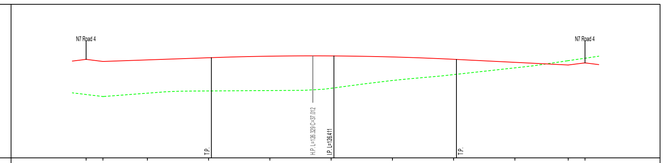


CHAINAGE ON CENTRELINE (m)	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	435.762	438.762						
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	126.800	126.919	126.854	126.864	126.803	126.723	126.723	126.803	126.863	126.794	126.460	126.177	125.856	125.324	125.604	125.910	126.173	126.429	126.670	126.913	127.156	127.389	127.542	127.719	127.866						
LEVELS ON LEFT HAND CHANNEL (m)	124.761	124.823	124.139	123.888	123.739	123.654	123.654	123.734	123.888	124.139	124.421	124.709	124.988	125.284	125.587	125.840	126.104	126.357	126.601	126.844	127.087	127.330	127.573								
LEVELS ON RIGHT HAND CHANNEL (m)	124.761	124.823	124.139	123.888	123.739	123.654	123.654	123.734	123.888	124.139	124.421	124.709	124.988	125.284	125.587	125.840	126.104	126.357	126.601	126.844	127.087	127.330	127.573								
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE			SAG CURVE K = 12.479 L = 77.000						SAG CURVE K = 1850.319 L = 22.000			GRADIENT 3.9% (1 in 26) LENGTH = 18.867m		HOG CURVE K = 86.905 L = 42.750					GRADIENT 2.4% (1 in 41) LENGTH = 131.369m									
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 80.077m					CURVE R = 6.000 L = 7.949	STRAIGHT LENGTH = 91.441m								STRAIGHT L = 5.946m	CURVE R = 4.739 L = 4.400	CURVE L = 0.0m	CURVE R = 5.839 L = 5.676	STRAIGHT LENGTH = 30.661m			CURVE R = 39.000 L = 11.520	STRAIGHT LENGTH = 19.029m								
EXISTING LEVELS (m)	122.936	122.924	122.107	121.795	121.390	121.055	121.015	121.189	122.779	123.229	123.620	123.994	124.383	124.719	125.045	125.479	125.579	125.624	125.188	125.535	126.016	126.811	126.955	127.042							

N7 Road 5

Vertical Exaggeration: 5

Datum: 123.000M AOD

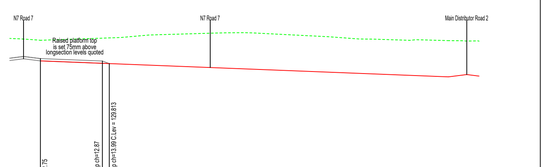


CHAINAGE ON CENTRELINE (m)	0.000	2.750	10.000	20.000	30.000	40.000	50.000	60.000	70.000	78.694	81.444
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	129.213	129.148	129.019	128.969	129.019	129.327	129.293	129.217	129.117	129.030	129.109
LEVELS ON LEFT HAND CHANNEL (m)			128.148	128.208	128.258	128.258	128.233	128.157	128.057		
LEVELS ON RIGHT HAND CHANNEL (m)			128.137	128.208	128.258	128.257	128.233	128.157	128.057		
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		GRADIENT 0.7% (1 in 142) LENGTH = 17.704m			HOG CURVE K = 23.561 L = 40.000				GRADIENT -1.0% (-1 in 101) LENGTH = 18.240m		
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE					STRAIGHT LENGTH = 15.944m						
EXISTING LEVELS (m)	125.801	125.711	125.196	125.197	125.271	125.225	125.131	125.037	125.038	125.172	

N7 Road 8

Vertical Exaggeration: 5

Datum: 126.000M AOD



CHAINAGE ON CENTRELINE (m)	0.000	2.750	10.000	20.000	30.000	40.000	50.000	60.000	69.394	72.394
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	129.979	129.951	129.844	129.766	129.668	129.609	129.511	129.423	129.360	129.455
LEVELS ON LEFT HAND CHANNEL (m)			129.779	129.697	129.619	129.541	129.462	129.384	129.321	
LEVELS ON RIGHT HAND CHANNEL (m)			129.764	129.687	129.619	129.541	129.462	129.384	129.321	
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						
EXISTING LEVELS (m)	130.074	130.023	130.117	130.001	130.789	130.699	130.552	130.452		

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

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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:

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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	00