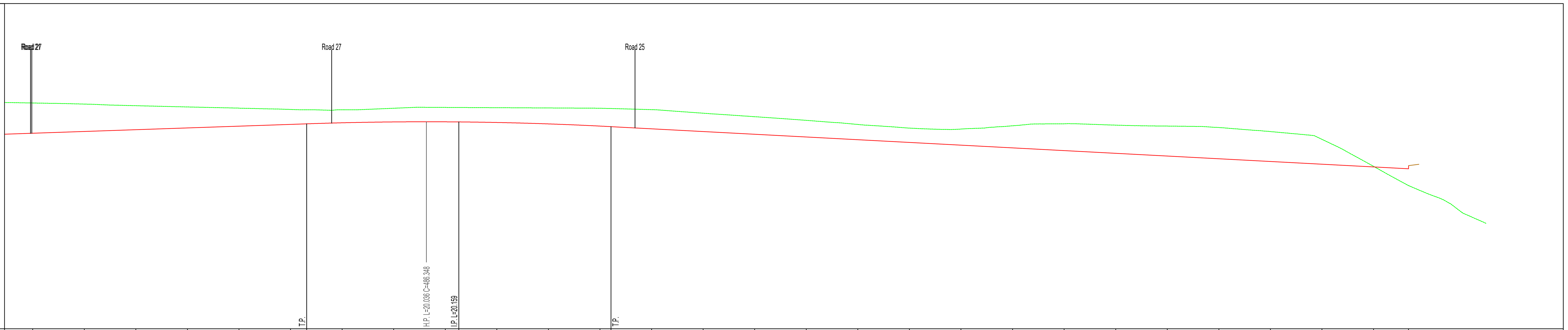
Road 20

Vertical Exaggeration: 5
Datum: 12.000M AOD



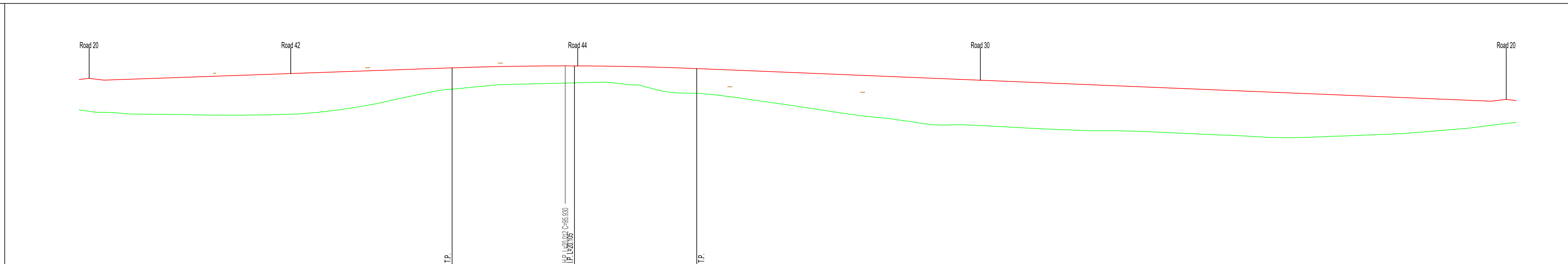
CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	EXISTING LEVELS (m)
410.000	19.591	20.766
420.000	19.660	20.722
430.000	19.729	20.660
440.000	19.797	20.611
450.000	19.866	20.566
460.000	19.935	20.514
463.125	19.956	20.500
470.000	19.996	20.500
480.000	20.030	20.561
490.000	20.034	20.593
492.625	20.030	20.590
500.000	20.008	20.582
510.000	19.953	20.572
520.000	19.868	20.561
522.125	19.847	20.550
530.000	19.763	20.506
540.000	19.658	20.369
550.000	19.552	20.233
560.000	19.446	20.091
570.000	19.340	19.931
580.000	19.234	19.790
590.000	19.128	19.753
600.000	19.023	19.880
610.000	18.917	19.957
620.000	18.811	19.905
630.000	18.705	19.869
640.000	18.599	19.813
650.000	18.494	19.656
660.000	18.388	19.353
670.000	18.282	18.305
676.785	18.210	17.561

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	
HOG CURVE R = 3381.298 L = 59.000	GRADIENT -1.1% (-1 in 95) LENGTH = 154.660m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE			
STRAIGHT LENGTH = 58.805m	STRAIGHT LENGTH = 51.697m	CURVE R = 9.200 L = 11.009	STRAIGHT LENGTH = 87.295m

Road 29

Vertical Exaggeration: 5
Datum: 12.000M AOD



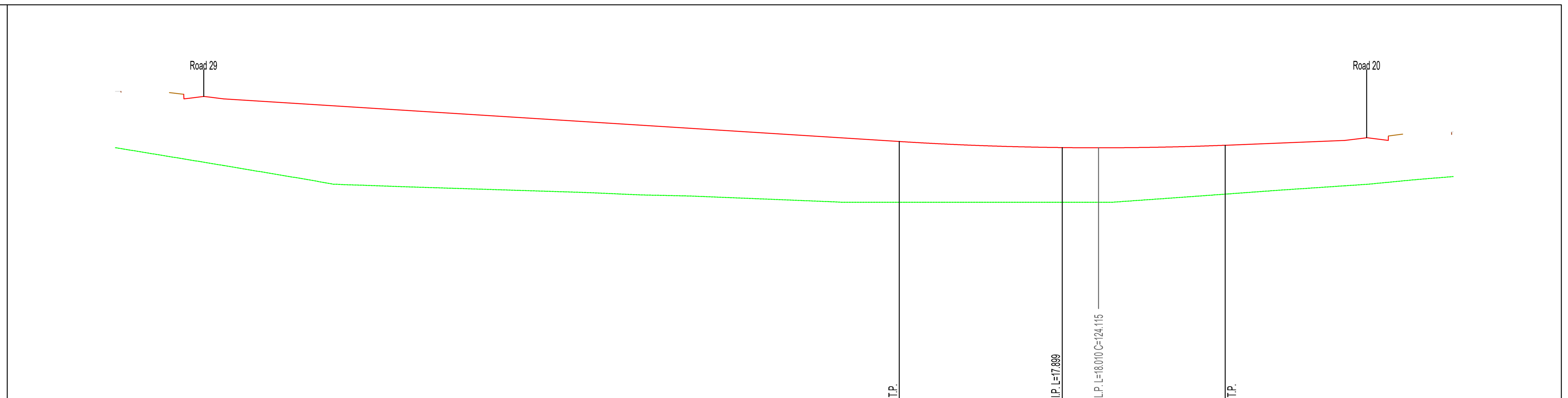
CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	EXISTING LEVELS (m)
0.000	19.512	
3.000	19.437	18.142
10.000	19.486	18.071
20.000	19.557	18.049
30.000	19.627	18.028
40.000	19.698	18.064
50.000	19.768	18.232
60.000	19.839	18.584
70.000	19.909	19.002
73.138	19.931	19.075
80.000	19.972	19.206
90.000	20.006	19.291
97.788	20.011	19.329
100.000	20.009	19.340
110.000	19.981	19.247
120.000	19.922	18.915
122.438	19.903	18.914
130.000	19.841	18.747
140.000	19.759	18.463
150.000	19.677	18.165
160.000	19.595	17.917
170.000	19.513	17.648
180.000	19.431	17.606
190.000	19.349	17.499
200.000	19.267	17.415
210.000	19.185	17.388
220.000	19.103	17.303
230.000	19.021	17.219
240.000	18.939	17.125
250.000	18.857	17.176
260.000	18.775	17.249
270.000	18.693	17.373
280.000	18.611	17.558
282.538	18.590	17.621
285.538	18.665	

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		
GRADIENT 0.7% (1 in 142) LENGTH = 70.138m	HOG CURVE R = 3232.138 L = 49.300	GRADIENT -0.8% (-1 in 122) LENGTH = 160.100m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE				
STRAIGHT LENGTH = 106.517m	CURVE R = 6.900 L = 10.823	STRAIGHT LENGTH = 45.842m	CURVE R = 5.175 L = 8.129	STRAIGHT LENGTH = 108.227m

Road 30

Vertical Exaggeration: 5
Datum: 11.000M AOD



CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	EXISTING LEVELS (m)
0.000	19.434	
2.750	19.365	17.519
10.000	19.274	17.275
20.000	19.148	16.984
30.000	19.022	16.916
40.000	18.896	16.853
50.000	18.770	16.789
60.000	18.644	16.709
70.000	18.518	16.653
80.000	18.392	16.572
90.000	18.266	16.500
96.486	18.184	16.500
100.000	18.143	16.500
110.000	18.056	16.500
119.086	18.016	16.500
130.000	18.018	16.557
		16.700
141.686	18.080	16.725
150.000	18.147	16.845
158.317	18.214	16.957
161.317	18.289	

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		
GRADIENT -1.3% (-1 in 79) LENGTH = 93.736m	SAG CURVE R = 2192.460 L = 45.200	GRADIENT 0.8% (1 in 125) LENGTH = 16.632m

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		
STRAIGHT LENGTH = 49.244m	CURVE R = 5.900 L = 9.265	STRAIGHT LENGTH = 97.058m

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: Residential Development, Maglin, Ballincollig, Cork

Drawing Title: Road Long Sections
Sheet 9 of 20

Client: O' FLYNN CONSTRUCTION

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FOS	AO	KM

Scale: 1: 500 @ A1, 1:1000 @ A3
Date: April 2025

MHL Job No.	Drawing No.	Revision.
19069HD	19069HD-RLS-P09	