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This drawing should not be scalled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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Waterman Moylan Consulting Engineers Limited
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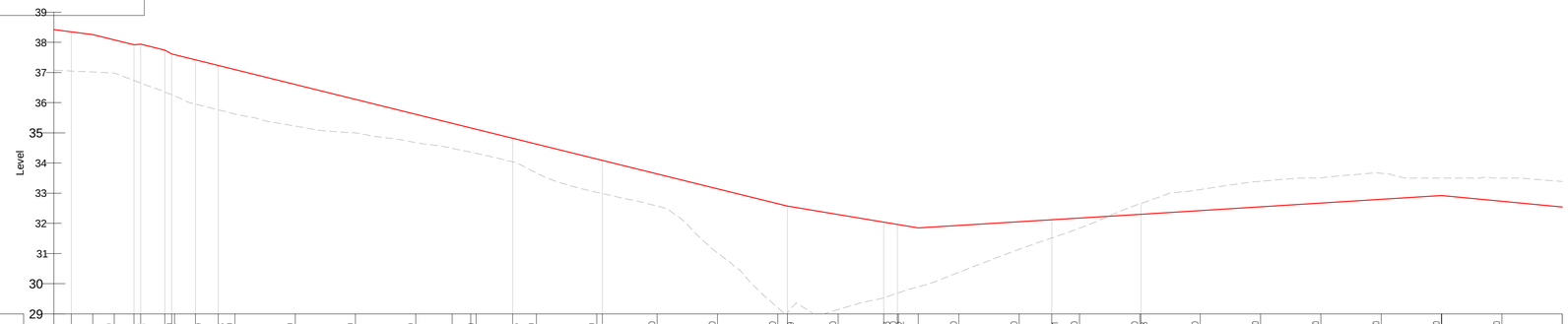
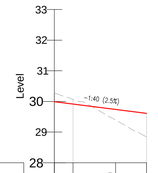


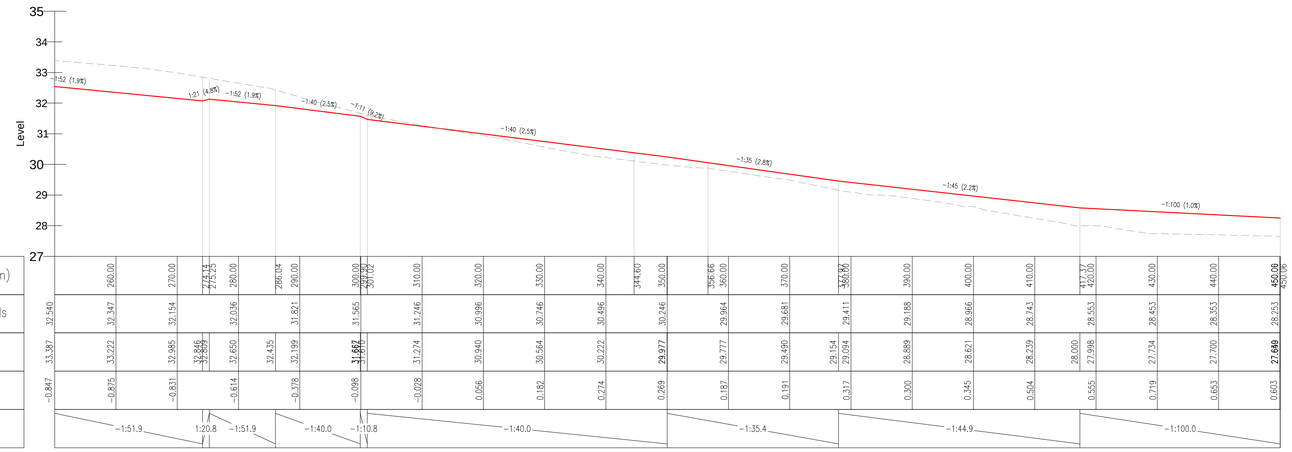
Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference	Vertical Curves
0.00	38.420	37.074	1.346	-1:40.0
2.90		37.017		
10.00	38.084	36.981	1.102	-1:20.1
13.28		36.736		-1:5
14.40		36.663		
16.50		36.493		-1:2
18.00		36.397		
19.55		36.327		-1:8.6
23.49	37.590	36.127	1.363	
27.26				
30.00	37.096	35.625	1.471	-1:20.3
40.00	36.603	35.223	1.379	
50.00	36.109	34.996	1.113	
60.00	35.615	34.677	0.938	
70.00	35.122	34.487	0.801	-1:20.3
76.05		34.361		
80.00	34.628	33.669	0.959	
90.00	34.134	33.025	1.109	-1:20.3
90.91				
100.00	33.641	32.573	1.067	
110.00	33.147	31.011	2.136	
120.00	32.654	29.204	3.450	
121.59		29.039		
130.00	32.295	29.144	3.151	-1:30.0
137.52	31.961	29.699	2.263	
140.00				
139.82		29.898		
150.00	31.934	30.377	1.557	
160.00	32.055	31.141	0.914	
165.41				
170.00	32.176	31.840	0.336	
180.00	32.298	32.647	-0.349	-1:82.4
180.18				
190.00	32.423	33.120	-0.697	
200.00	32.549	33.394	-0.845	
210.00	32.674	33.511	-0.837	
220.00	32.800	33.659	-0.859	
230.00	32.925	33.501	-0.576	-1:79.7
240.00	32.732	33.500	-0.768	
250.00	32.540	33.387	-0.847	-1:51.9

1 – LONGSECTION (2)
SCALE: H 1:500,V 1:100. DATUM: 29.000



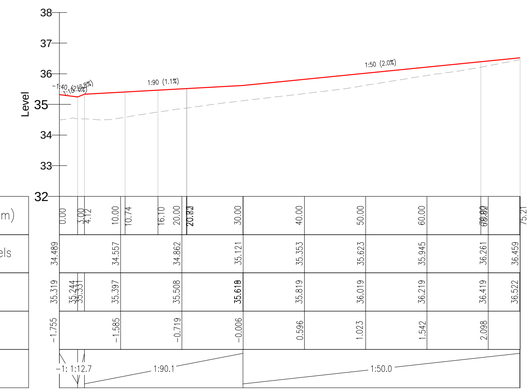
Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference	Vertical Curves
0.00	29.989		-0.288	-1:40.0
3.04		29.739		
10.00	29.739	29.391	0.348	
15.04	29.613		0.770	

TURNING HEAD – LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 28.000



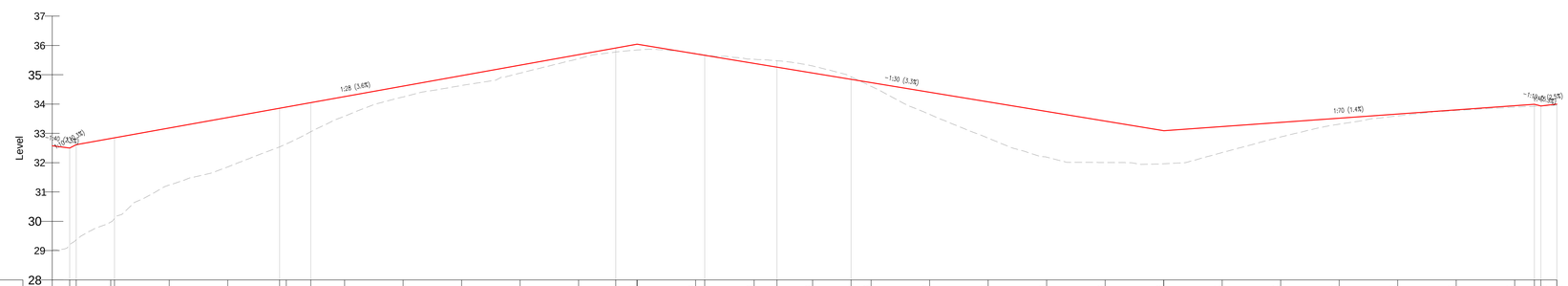
Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference	Vertical Curves
260.00	32.540	33.387	-0.847	-1:51.9
270.00	32.347	33.222	-0.875	
272.14	32.154	32.985	-0.831	1:20.8
275.25		32.846		
280.00	32.036	32.650	-0.614	-1:51.9
286.04	31.821	32.435	-0.378	
290.00		32.199		-1:40.0
300.00	31.565	31.667	-0.098	-1:10.8
300.02		31.657		
301.02		31.647		
310.00	31.246	31.274	-0.028	-1:40.0
320.00	30.996	30.940	0.056	
330.00	30.746	30.564	0.182	
340.00	30.496	30.222	0.274	
344.60				
350.00	30.246	29.977	0.269	
356.66				
360.00	29.964	29.777	0.187	-1:35.4
370.00	29.681	29.490	0.191	
380.00	29.411	29.094	0.317	
387.37		29.154		
390.00	29.188	28.889	0.300	-1:44.9
400.00	28.966	28.621	0.545	
410.00	28.743	28.239	0.504	
417.37		28.000		
420.00	28.553	27.998	0.555	
430.00	28.453	27.734	0.719	-1:100.0
440.00	28.353	27.700	0.653	
450.00	28.253	27.650	0.603	
450.06				

1 – LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 27.000



Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference	Vertical Curves
0.00	34.489	35.319	-1.755	-1: 1:12.7
3.00		35.344		
4.12		35.331		
10.00	34.557	35.397	-1.565	
15.74				
16.10				1:90.1
20.00	34.862	35.508	-0.719	
20.83		35.618		
30.00	35.121	35.627	-0.006	
40.00	35.353	35.819	0.596	
50.00	35.623	36.019	1.023	1:50.0
60.00	35.945	36.219	1.542	
69.89				
70.00	36.261	36.419	2.098	
75.21	36.459	36.522		

2 – LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 32.000



Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference	Vertical Curves
0.00	29.039	32.575	3.536	-1:41.9.7
3.11		32.500		
4.11		32.615		
10.00	29.971	32.825	2.854	
10.65				
20.00	31.234	33.183	1.949	
30.00	31.854	33.540	1.686	
35.87				
40.00	32.636	33.897	1.261	
44.21				
50.00	33.589	34.255	0.666	1:28.0
60.00	34.244	34.612	0.368	
70.00	34.632	34.969	0.337	
80.00	35.058	35.327	0.269	
90.00	35.548	35.684	0.136	
95.25				
100.00	35.845	35.641	0.196	
110.00	35.726	35.713	-0.013	
111.55				
120.00	35.526	35.385	-0.141	
123.91				
130.00	35.299	35.057	-0.242	-1:30.5
138.57				
140.00	34.604	34.729	0.125	
150.00	33.646	34.401	0.754	
160.00	32.837	34.073	1.236	
170.00	32.189	33.745	1.555	
180.00	32.006	33.416	1.411	
190.00	31.960	33.088	1.129	
200.00	32.343	33.230	0.887	
210.00	32.875	33.373	0.498	
220.00	33.311	33.515	0.204	
230.00	33.597	33.658	0.061	1:70.2
240.00	33.780	33.800	0.020	
250.00	33.897	33.943	0.045	
253.37		33.981		
254.46		33.991		-1:18.8.1
257.23	33.962	34.000	0.038	

3 – LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 28.000

1:100 0 2.0 4.0 6.0 8.0 10.0m
1:1 0 10 20 30 40 50 60 70 80 90 100

1:500 0 10.0 20.0 30.0 40.0 50.0m
1:1 0 10 20 30 40 50 60 70 80 90 100

Rev	Date	Description	By	Chk
-	23/10/2026	ISSUED FOR PLANNING	MS	IW

Amendments

Project
MIXED USE DEVELOPMENT AT TINAHASK UPPER, MONEY BIG & MONEY LITTLE, ARKLOW, Co. WICKLOW

Title
PROPOSED ROADS LONGITUDINAL SECTIONS
SHEET 1 OF 5

Client
CASTLETHORN

waterman moylan

BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
Email: info@waterman-moylan.ie www.waterman-moylan.ie

Status
PLANNING

Designed By	Approved	Waterman Ref
NM	IW	26-035
Drawn By	**Date**	**Scales @ A1**
MS	OCT. 2026	AS SHOWN

Project - Originator - Volume - Level - Type - Role - Number	Revision
ARK - WAT - ZZ - XX- DR - P - 0105	-

Drawing Location: N:\Projects\26\26-035 Arklow South\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\ARK-WAT-ZZ-XX-DR-P-0105-0109 - Proposed Roads Longitudinal Sections.dwg
Date: Oct 23, 2026 - 8:24am