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This drawing should not be scaled. 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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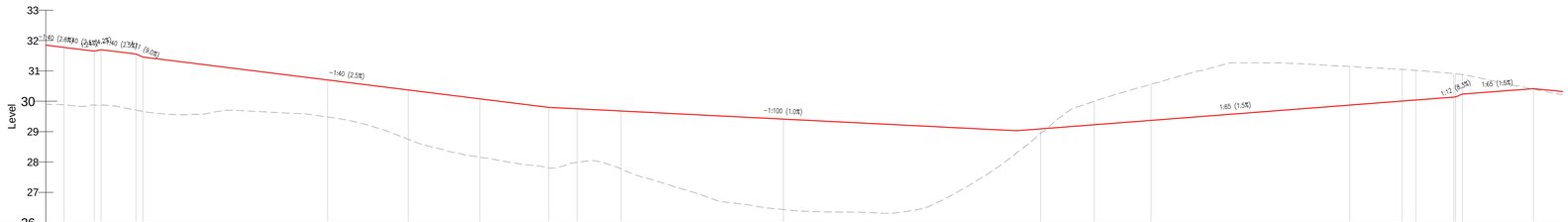
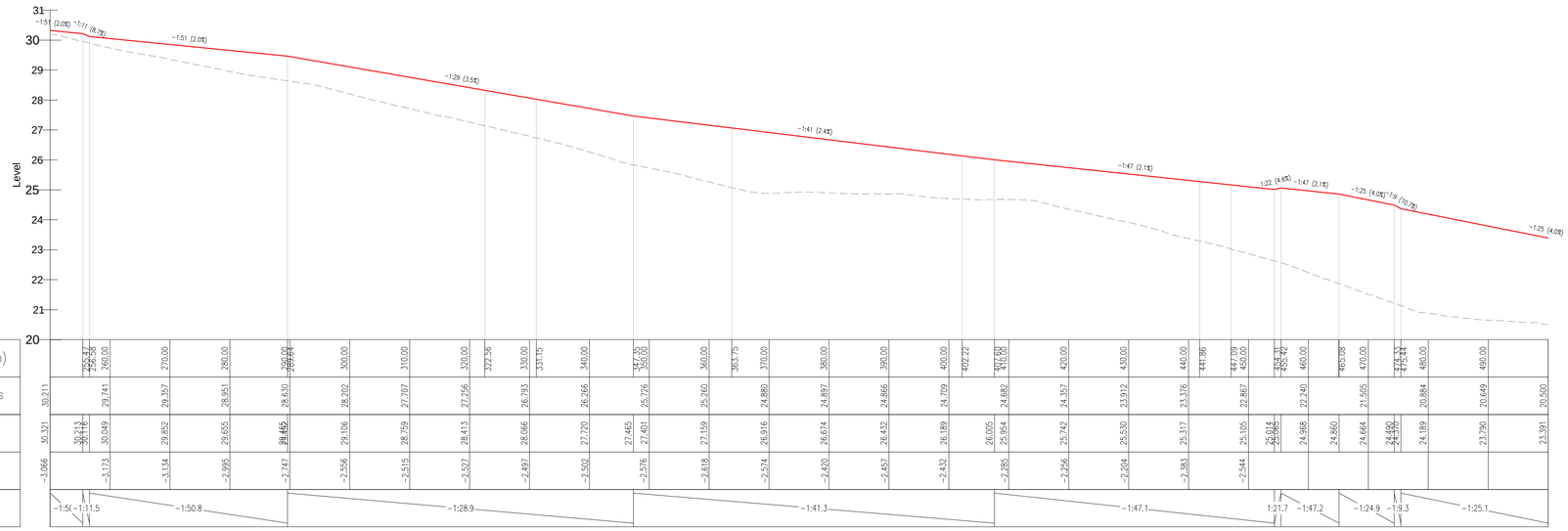


Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference
0.00	29.898	31.852	-5.222
3.00		31.777	
8.00	29.870	31.663	-5.303
9.00		31.659	
14.85		31.559	
16.00		31.422	
20.00	29.575	31.356	-4.871
30.00	29.704	31.109	-4.517
40.00	29.612	30.861	-4.362
46.46			
50.00	29.366	30.613	-4.353
60.00	28.730	30.366	-4.311
69.77			
70.00	28.204	30.118	-4.032
71.53			
80.00	27.894	29.871	-3.799
82.86		29.800	
87.50			
90.00	28.054	29.729	-3.296
94.82			
100.00	27.411	29.629	-2.945
110.00	26.775	29.529	-1.483
120.00	26.465	29.429	0.025
121.59			
130.00	26.353	29.329	0.185
140.00	26.320	29.229	-0.470
150.00	26.983	29.129	-1.248
160.00	28.298	29.029	-2.113
162.96			
170.00	29.814	29.182	-2.658
172.79			
180.00	30.437	29.336	-3.311
182.16			
190.00	31.000	29.490	-3.630
200.00	31.263	29.644	-3.750
210.00	31.198	29.798	-3.713
214.94			
220.00	31.088	29.952	-3.707
223.57			
225.82	30.946	30.106	-3.395
230.00			
233.46			
240.00	30.608	30.335	-3.166
245.20	30.211	30.321	-3.066

Vertical Curves: -1:40 -1:4 1:23 -1:40 -1:11.1 -1:40.4 -1:100.0 1:65.0 1:12.1 1:65.0 -1:50.8

7

SCALE: H 1:500,V 1:100. DATUM: 26.000

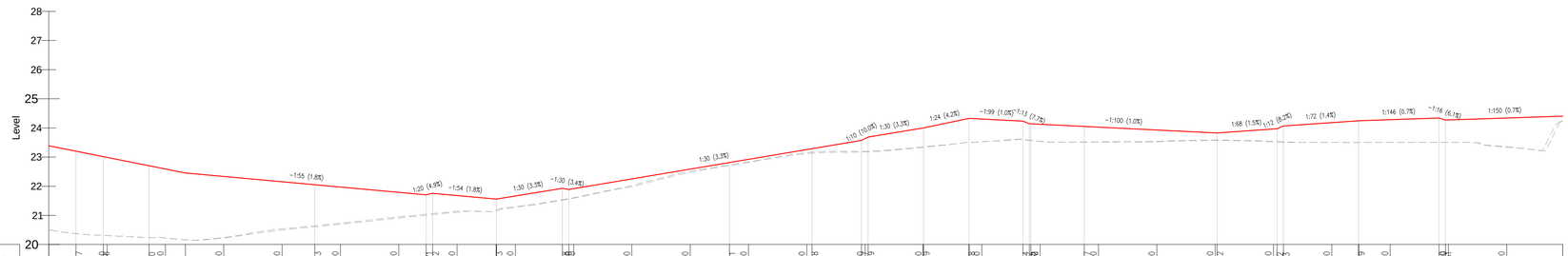


Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference
252.47	30.211	30.213	-3.066
258.38		30.119	
260.00	29.741	30.049	-3.173
270.00	29.357	29.852	-3.134
280.00	28.951	29.655	-2.995
290.00	28.630	29.465	-2.747
299.67		29.312	
300.00	28.262	29.106	-2.556
310.00	27.707	28.759	-2.515
320.00	27.295	28.413	-2.527
322.56			
330.00	26.793	28.066	-2.497
331.15			
340.00	26.266	27.720	-2.502
347.25	25.746	27.485	-2.576
350.00		27.401	
360.00	25.260	27.159	-2.618
363.75			
370.00	24.880	26.916	-2.574
380.00	24.897	26.674	-2.420
390.00	24.866	26.432	-2.457
400.00	24.709	26.189	-2.432
402.22			
410.00	24.682	26.005	-2.285
416.00		25.954	
420.00	24.357	25.742	-2.256
430.00	23.912	25.530	-2.204
440.00	23.376	25.317	-2.383
441.86			
447.09	22.867	25.105	-2.544
450.00		25.006	
454.21		25.014	
455.42		25.066	
460.00	22.240	24.968	
465.08		24.860	
470.00	21.505	24.664	
475.21		24.490	
475.44		24.476	
480.00	20.864	24.189	
490.00	20.649	23.790	
500.00	20.500	23.391	

Vertical Curves: -1:5 -1:11.5 -1:50.8 -1:28.9 -1:41.3 -1:47.1 1:21.7 -1:47.2 -1:24.9 -1:9.3 -1:25.1

7 (2)

SCALE: H 1:500,V 1:100. DATUM: 20.000

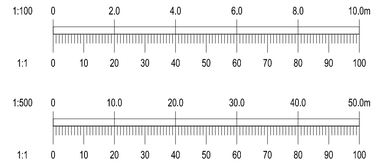


Chainage Distance (m)	Existing Ground Levels	Centre Line Levels	Level Difference
504.67	20.500	23.391	
510.00			
514.38			
517.20	20.310	22.992	
520.00	20.223	22.593	
530.00	20.221	22.456	
540.00	20.497	22.336	
545.83		22.153	
550.00	20.698	21.971	
560.00	20.912	21.788	
564.21		21.702	
565.52		21.749	
570.00	21.106	21.680	
576.73			
580.00	21.273	21.566	
585.98		21.663	
586.00		21.692	
588.19		21.819	
589.50	21.588	21.892	
590.00		21.892	
600.00	21.988	22.253	
610.00	22.477	22.588	
616.71			
620.00	22.817	22.923	
630.00	23.114	23.258	
630.38			
640.00	23.172	23.571	
640.19		23.584	
650.00	23.334	23.997	
660.00	23.526	24.325	
667.08		24.303	
667.15		24.232	
668.15		24.218	
670.00	23.539	24.178	
680.00	23.513	24.028	
690.00	23.519	23.928	
700.00	23.565	23.828	
702.72		23.878	
710.00	23.518	23.866	
711.72		23.866	
720.00	23.499	24.181	
724.59		24.245	
730.00	23.501	24.282	
735.00		24.339	
735.21		24.332	
740.00	23.500	24.342	
750.00	23.339	24.406	

Vertical Curves: -1:25.1 -1:54.7 1:20.3 -1:54.3 1:30.4 -1:29.8 1:29.9 1:10.0 1:30.2 1:24.1 -1:99.2 -1:12.9 -1:100.0 1:68.4 1:12.2 1:72.3 1:146.3 -1:16.5 1:149.7

7 (5)

SCALE: H 1:500,V 1:100. DATUM: 20.000



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 2 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 - 0106	-

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 - 9:26am