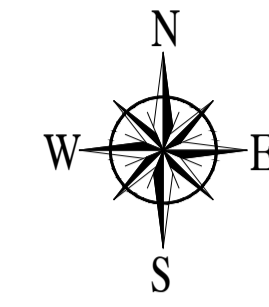


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Figured dimensions only to be taken from this drawing. All scaled measurements are dependant on accuracy of original source.



PROJECT:  
**Maplestown**

PROJECT LOCATION:  
**Maplestown, Rathvilly, Co.Carlow**

CLIENT:  
**Mark Phelan**

DATE SURVEYED: 01/09/21 SURVEYED BY: RH

DRAWING:  
**Site Location Map**

REVISIONS:

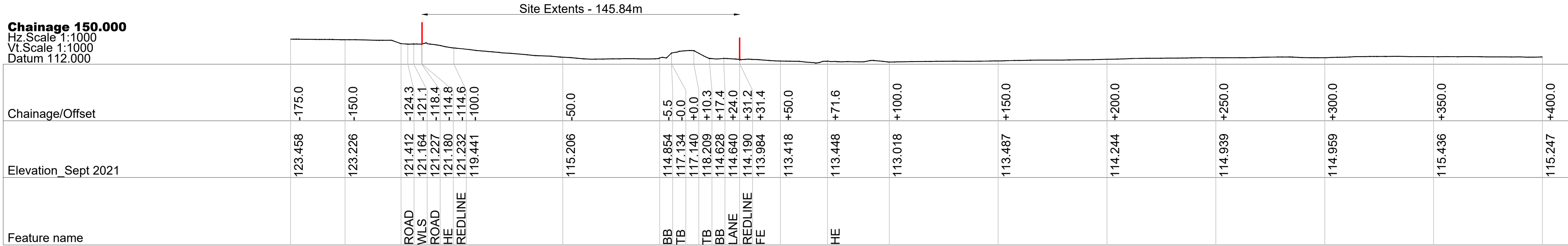
DRAWING NUMBER:  
**FI-01**

STATUS OF DRAWING:  
**FURTHER INFORMATION**

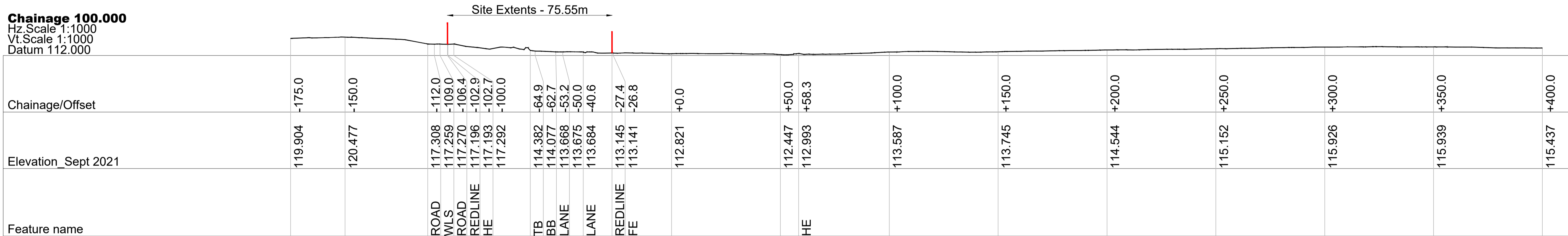
DATE: 02/12/21 SCALE: 1:2000  
DRAWN BY: SR CHECKED BY: RH

**A1**

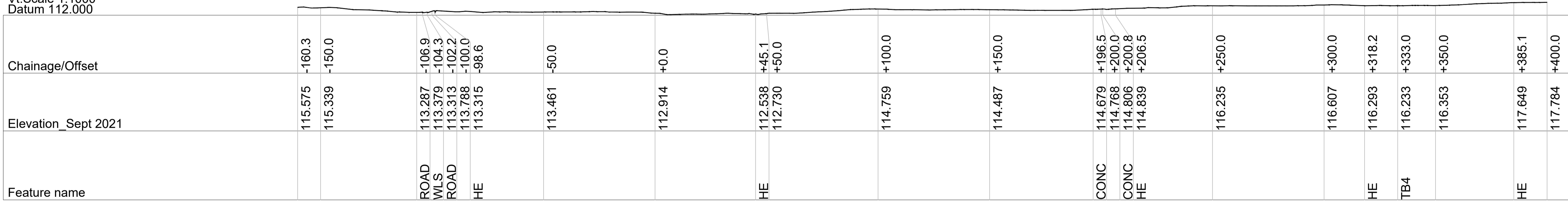
**Chainage 150.000**  
Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 112.000



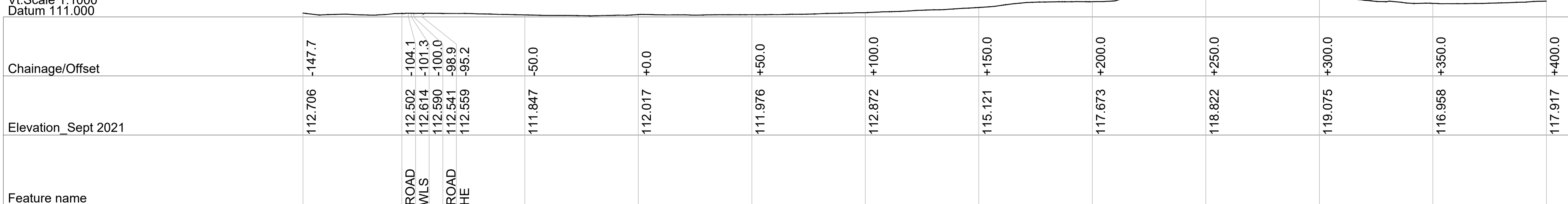
**Chainage 100.000**  
Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 112.000



**Chainage 50.000**  
Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 112.000



**Chainage 0.000**  
Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 111.000



PROJECT: Mapletstown

PROJECT LOCATION: Mapletstown, Rathvilly, Co.Carlow

CLIENT: Mark Phelan

DATE SURVEYED: 01/09/21 SURVEYED BY: RH

DRAWING: West - East Sections - Page 1 of 3

REVISIONS:

DRAWING NUMBER: FI-02

STATUS OF DRAWING: FURTHER INFORMATION

DATE: 02/12/21 SCALE: 1:1000

DRAWN BY: SR CHECKED BY: RH

**A1**

**Chainage 350.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 113.000

Site Extents - 482.42m

Chainage/Offset	-175.0	-150.0	-142.6	-140.1	-136.3	-132.7	-132.7	-100.0	-50.0	+0.0	+50.0	+100.0	+150.0	+184.9	+198.4	+200.0	+250.0	+300.0	+349.7	+349.7	+350.0	+361.5	+400.0
Elevation_Sept 2021	121.623	122.030	122.325	122.413	122.361	122.361	122.361	118.094	114.438	114.382	114.776	114.923	115.182	114.671	114.858	114.836	114.970	115.847	120.408	120.412	120.440	121.497	122.837
Feature name			ROAD	WLS	ROAD	REDLINE	HE							EXC.AREA	FE				EXC.AREA	REDLINE		FE	

**Chainage 300.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 113.000

Site Extents - 475.8m

Chainage/Offset	-175.0	-150.0	-140.0	-137.0	-134.5	-130.9	-130.8	-100.0	-50.0	+0.0	+50.0	+100.0	+150.0	+180.2	+190.6	+200.0	+250.0	+300.0	+345.0	+345.0	+350.0	+353.1	+400.0
Elevation_Sept 2021	123.159	123.027	122.750	122.842	122.722	122.727	122.974	118.713	115.865	114.535	114.814	115.238	115.651	114.518	114.890	114.790	115.141	115.912	119.817	119.823	120.182	120.402	120.454
Feature name			ROAD	WLS	ROAD	HE	REDLINE							EXC.AREA	FE				EXC.AREA	REDLINE		FE	

**Chainage 250.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 113.000

Site Extents - 465.57m

Chainage/Offset	-175.0	-150.0	-134.4	-131.2	-128.8	-125.3	-125.3	-100.0	-50.0	+0.0	+19.9	+22.3	+31.6	+36.6	+50.0	+100.0	+150.0	+175.4	+182.8	+200.0	+250.0	+300.0	+340.3	+340.4	+344.3	+350.0	+400.0
Elevation_Sept 2021	123.377	123.519	123.043	123.111	123.032	123.036	123.037	121.080	116.631	113.721	115.269	117.341	117.376	115.288	114.922	116.832	115.387	114.571	114.457	114.620	115.095	115.738	117.200	117.203	117.263	117.365	117.854
Feature name			ROAD	WLS	ROAD	REDLINE	HE				BB	TB	TB	BB				EXC.AREA	FE				EXC.AREA	REDLINE	FE		

**Chainage 200.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 112.000

Site Extents - 158.72m

Chainage/Offset	-175.0	-150.0	-130.9	-127.8	-125.3	-121.7	-100.0	-50.0	+0.0	+12.1	+15.5	+23.4	+29.8	+35.0	+37.0	+37.0	+50.0	+84.9	+100.0	+150.0	+200.0	+250.0	+300.0	+350.0	+400.0
Elevation_Sept 2021	124.120	124.186	123.415	123.345	123.446	123.444	123.444	121.216	116.486	114.250	114.753	117.515	118.524	114.812	114.621	114.321	114.317	113.904	113.053	113.562	113.766	114.268	114.557	114.799	115.204
Feature name			ROAD	WLS	ROAD	REDLINE	HE				BB	TB	BB	LANE	FE	REDLINE		HE							

PROJECT: Maplestown  
PROJECT LOCATION: Maplestown, Rathvilly, Co.Carlow  
CLIENT: Mark Phelan  
DATE SURVEYED: 01/09/21 SURVEYED BY: RH  
DRAWING: West - East Sections - Page 2 of 3  
DRAWING NUMBER: FI-03  
STATUS OF DRAWING: FURTHER INFORMATION  
DATE: 02/12/21 SCALE: 1:1000  
DRAWN BY: SR CHECKED BY: RH

Chainage 550.000  
 Hz Scale 1:1000  
 Vt Scale 1:1000  
 Datum 112.000

Site Extents - 104.89m			
Chainage/Offset	-175.0 -171.0 -168.0 -165.5 -161.8 -161.8 -150.0	ROAD WLS ROAD HE REDLINE	119.981 117.238 116.713 117.171 117.211 117.222 117.167
Elevation_Sept 2021	-100.0		113.769
Feature name		REDLINE HE FE FE	113.201 113.138 112.660 112.546 112.452
	+0.0		112.319
	+50.0		112.221
	+100.0	FE	112.494 112.415
	+150.0		112.631
	+200.0		112.918
	+244.9 +250.0	FE	113.230 113.184
	+300.0		113.822
	+350.0		115.195
	+389.4 +400.0	FE	115.898 117.214

Chainage 500.000  
 Hz Scale 1:1000  
 Vt Scale 1:1000  
 Datum 113.000

Site Extents - 107m			
Chainage/Offset	-175.0 -160.5 -157.4 -154.7 -151.0 -150.9 -150.0	ROAD WLS ROAD HE REDLINE	120.997 119.150 118.982 119.067 119.085 119.285 119.368
Elevation_Sept 2021	-100.0		116.705
Feature name		REDLINE HE	114.342 114.949 114.962
	+0.0		113.367
	+50.0		113.191
	+100.0	FE	113.583 113.640
	+150.0		114.576
	+200.0		114.523
	+241.8 +250.0	FE	114.875 115.086
	+300.0		115.946
	+350.0		118.483
	+384.1 +400.0	GATE	118.785 118.620

Chainage 450.000  
 Hz Scale 1:1000  
 Vt Scale 1:1000  
 Datum 115.000

Site Extents - 498.18m			
Chainage/Offset	-175.0 -150.0 -148.8 -145.9 -143.0 -139.5 -139.4	ROAD WLS ROAD REDLINE HE	120.753 120.196 120.108 120.229 120.147 120.780 120.176
Elevation_Sept 2021	-100.0		116.997
Feature name			117.253
	+0.0		116.694
	+50.0		116.869
	+100.0		115.995
	+150.0		116.680
	+194.5 +200.0	EXC.AREA	116.888 116.979
	+214.2	FE	116.774
	+250.0		116.690
	+300.0		116.921
	+350.0 +358.7	REDLINE	119.757 120.322
	+377.3 +400.0	FE	121.293 121.916

Chainage 400.000  
 Hz Scale 1:1000  
 Vt Scale 1:1000  
 Datum 110.000

Site Extents - 485.01m			
Chainage/Offset	-166.7 -150.0 -140.2 -137.1 -134.2 -130.7	BUILD ROAD WLS ROAD REDLINE HE	122.450 122.298 121.852 122.031 122.031 122.036 122.034
Elevation_Sept 2021	-100.0		118.578
Feature name			116.377
	+0.0		114.007
	+50.0		112.007
	+100.0		116.520
	+150.0		115.570
	+189.7 +200.0 +206.3	EXC.AREA FE	121.860 119.119 115.073
	+250.0		115.298
	+300.0		116.080
	+350.0 +354.3 +354.3 +369.5	REDLINE EXC.AREA FE	119.999 120.239 120.241 121.199
	+400.0		123.258



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PROJECT:	Maplestown
PROJECT LOCATION:	Maplestown, Rathvilly, Co.Carlow
CLIENT:	Mark Phelan
DATE SURVEYED:	01/09/21
SURVEYED BY:	RH
DRAWING:	West - East Sections - Page 3 of 3
REVISIONS:	
DRAWING NUMBER:	FI-04
STATUS OF DRAWING:	FURTHER INFORMATION

DATE:	02/12/21	SCALE:	1:1000
DRAWN BY:	SR	CHECKED BY:	RH

**A1**

**Chainage 250.000**

Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 112.000

Site Extents - 247.37m

Chainage/Offset	-340.0	-338.4	-334.4	-320.0	-300.0	-280.0	-260.0	-240.0	-220.0	-213.5	-212.6	-200.0	-180.0	-160.0	-140.0	-120.0	-100.0	-80.0	-60.0	-40.0	-20.0	+0.0	+20.0	+33.9	+40.0	+60.0	+80.0	+87.2	+100.0	+120.0	+140.0	+160.0	+180.0	+200.0	+220.0	+220.0	+220.9	+240.0	
Elevation OGL	112.650	112.200	112.271	112.222	112.324	112.636	113.010	113.842	114.997	116.402	116.834	116.766	115.935	113.677	114.753	119.097	114.598	115.160	114.348	115.038	115.183	114.703	115.795	113.090	112.583	112.873	113.380	113.566	113.241	113.120	112.883	112.767	113.953	113.589	112.345	112.324	112.299		
Feature name	HE	FE							REDLINE	HE													REDLINE			HE												HE	

**Chainage 200.000**

Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 111.000

Site Extents - 250.8m

Chainage/Offset	-340.0	-320.8	-320.0	-318.3	-300.0	-280.0	-260.0	-240.0	-220.0	-210.8	-210.8	-200.0	-180.0	-160.0	-140.0	-120.0	-100.0	-80.0	-60.0	-40.0	-36.1	-32.3	-20.0	+0.0	+20.0	+37.7	+40.0	+60.0	+80.0	+84.6	+98.6	+100.0	+120.0	+123.0	+123.1	+140.0	+160.0	+180.0	+200.0	+220.0	+228.7	+240.0
Elevation OGL	112.110	112.356	112.382	112.432	112.472	112.511	112.853	113.485	114.770	116.647	116.534	115.735	114.482	113.420	112.299	113.951	114.083	114.468	114.527	115.044	115.794	117.644	117.841	117.523	119.112	118.432	118.269	117.775	115.510	114.778	114.642	114.600	114.005	113.576	113.565	113.038	113.082	112.821	112.596	111.853	112.327	111.646
Feature name		HE	FE						HE	REDLINE										BB	TB			TB			BB	LANE		FE	FE								HE			

**Chainage 150.000**

Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 111.000

Site Extents - 357.82m

Chainage/Offset	-340.0	-320.0	-304.5	-302.5	-300.0	-280.0	-260.0	-240.0	-220.0	-209.0	-208.8	-200.0	-180.0	-160.0	-140.0	-120.0	-100.0	-80.0	-60.0	-40.0	-20.0	+0.0	+20.0	+40.0	+60.0	+80.0	+100.0	+120.0	+131.4	+132.5	+133.6	+139.8	+140.0	+148.9	+149.2	+160.0	+180.0	+200.0	+220.0	+237.1	+240.0
Elevation OGL	112.349	112.446	112.509	112.435	112.309	112.963	113.592	114.059	114.684	116.202	116.493	115.773	114.808	114.461	115.718	114.979	114.591	114.950	114.732	117.099	114.777	114.112	113.745	114.112	114.345	114.673	114.470	116.011	114.602	114.038	113.871	114.014	113.124	113.132	112.740	113.341	113.610	113.519	112.441	111.355	
Feature name			HE	FE						REDLINE	HE																	TB	LANE	WALL	WALL		REDLINE	FE						HE	

**Chainage 100.000**

Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 111.000

Site Extents - 477.9m

Chainage/Offset	-340.0	-320.0	-312.2	-309.3	-300.0	-280.0	-260.0	-240.0	-220.0	-200.0	-180.0	-160.0	-140.0	-120.0	-100.0	-80.0	-60.0	-40.0	-20.0	+0.0	+20.0	+40.0	+60.0	+80.0	+100.0	+120.0	+140.0	+160.0	+161.4	+166.5	+168.6	+180.0	+200.0	+220.0	+240.0	+245.6	
Elevation OGL	112.324	112.432	113.135	112.601	112.673	114.776	116.284	116.931	117.341	118.721	116.111	115.253	116.440	115.127	115.063	115.967	116.636	117.516	118.309	118.736	118.906	118.952	118.622	117.947	117.043	116.048	115.162	114.444	114.709	114.747	114.300	114.300	113.331	113.690	111.923	112.555	
Feature name			HE	REDLINE																									LANE	LANE	REDLINE	FE					HE

**Chainage 50.000**

Hz. Scale 1:1000  
Vt. Scale 1:1000  
Datum 111.000

Site Extents - 338.34m

Chainage/Offset	-340.0	-336.1	-334.1	-320.0	-300.0	-280.0	-260.0	-240.0	-220.0	-200.0	-180.0	-160.0	-140.0	-120.0	-100.0	-80.0	-60.0	-40.0	-20.0	+0.0	+4.3	+4.4	+20.0	+40.0	+54.2	+60.0	+76.3	+80.0	+95.9	+100.0	+120.0	+140.0	+160.0	+180.0	+200.0	+220.0	+240.0
Elevation OGL	112.360	112.598	112.285	113.042	114.290	115.462	118.611	120.971	116.403	117.906	120.072	123.698	123.889	124.988	125.448	124.491	124.608	124.542	124.211	123.271	123.109	123.104	123.321	123.510	123.419	123.248	122.484	122.317	121.638	121.652	120.666	119.371	119.290	117.160	114.167	112.799	112.276
Feature name	HE	REDLINE																		REDLINE	HE			ROAD		WLS		ROAD									



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PROJECT: Maplestown  
PROJECT LOCATION: Maplestown, Rathvilly, Co.Carlow  
CLIENT: Mark Phelan  
DATE SURVEYED: 01/09/21 SURVEYED BY: RH  
DRAWING: North - South Sections - Page 1 of 2  
DRAWING NUMBER: FI-05  
STATUS OF DRAWING: FURTHER INFORMATION  
DATE: 02/12/21 SCALE: 1:1000  
DRAWN BY: SR CHECKED BY: RH

**A1**

**Chainage 500.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 113.000

Site Extents - 275.65m

Chainage/Offset	113.422 -340.0	114.033 -320.0	114.420 -300.0	115.162 -280.0	116.107 -260.0	119.044 -240.0	119.168 -237.3	119.198 -237.2	119.362 -235.7	119.316 -221.1	119.226 -220.0	117.980 -200.0	117.731 -180.0	117.546 -160.0	117.622 -140.0	117.942 -120.0	117.943 -100.0	117.986 -80.0	117.923 -60.0	117.710 -40.0	117.278 -20.0	116.465 +0.0	115.830 +20.0	114.996 +38.5	114.996 +38.5	114.993 +38.5	114.799 +40.0	114.701 +60.0	114.983 +80.0	115.510 +100.0	115.747 +120.0	115.928 +140.0	116.028 +160.0	116.012 +180.0	116.118 +194.8	116.407 +200.0	116.411 +204.7	117.309 +220.0	117.895 +240.0				
Elevation OGL							FE	REDLINE	FE	EXC.AREA														REDLINE	EXC.AREA	HE										TB4		HE					
Feature name																																											

**Chainage 450.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 113.000

Site Extents - 267.82m

Chainage/Offset	113.118 -340.0	113.174 -320.0	113.331 -300.0	114.027 -280.0	115.025 -260.0	116.022 -240.0	116.536 -229.5	116.540 -229.4	116.758 -227.8	117.252 -220.0	117.280 -213.9	116.822 -200.0	116.138 -180.0	115.684 -160.0	115.488 -140.0	115.326 -120.0	115.361 -100.0	115.348 -80.0	115.465 -60.0	115.416 -40.0	115.348 -20.0	115.320 +0.0	115.280 +20.0	114.872 +38.4	114.873 +38.4	114.874 +38.4	114.778 +40.0	114.581 +60.0	114.983 +80.0	115.223 +100.0	115.432 +120.0	115.321 +140.0	115.437 +160.0	115.528 +180.0	115.529 +188.3	116.184 +200.0	117.805 +220.0						
Elevation OGL							FE	REDLINE	FE		EXC.AREA													REDLINE	EXC.AREA	HE								HE									
Feature name																																											

**Chainage 400.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 112.000

Site Extents - 259.86m

Chainage/Offset	112.632 -340.0	112.795 -320.0	113.007 -300.0	113.388 -280.0	114.101 -260.0	115.215 -240.0	116.621 -221.6	116.618 -221.5	116.396 -220.1	116.405 -220.0	116.854 -209.4	116.802 -200.0	116.312 -180.0	115.338 -160.0	115.022 -140.0	115.094 -120.0	115.004 -100.0	115.042 -80.0	115.021 -60.0	114.934 -40.0	114.914 -20.0	114.921 +0.0	114.867 +20.0	114.454 +38.3	114.464 +38.3	114.464 +38.3	114.224 +40.0	114.088 +60.0	114.450 +80.0	114.730 +100.0	114.878 +120.0	114.858 +140.0	114.793 +160.0	115.057 +180.0	115.147 +195.7	115.330 +200.0	116.140 +220.0	116.199 +222.7	117.002 +234.3	117.349 +240.0			
Elevation OGL							FE	REDLINE	FE		EXC.AREA													HE	REDLINE	EXC.AREA								HE						BUILD	BUILD		
Feature name																																											

**Chainage 350.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 112.000

Site Extents - 254.6m

Chainage/Offset	112.579 -340.0	112.516 -320.0	112.694 -300.0	113.330 -280.0	113.836 -260.0	114.831 -240.0	115.399 -220.0	117.400 -216.8	117.403 -216.8	116.123 -200.0	116.920 -180.0	121.961 -160.0	117.333 -140.0	115.240 -120.0	115.286 -100.0	113.453 -80.0	113.863 -60.0	114.615 -40.0	114.621 -20.0	114.599 +0.0	114.551 +4.3	114.287 +20.0	114.141 +37.4	114.138 +37.8	114.128 +37.9	113.705 +40.0	113.678 +60.0	113.690 +80.0	113.890 +100.0	113.867 +120.0	114.108 +140.0	114.122 +160.0	114.033 +180.0	114.166 +200.0	114.563 +205.4	114.618 +220.0	116.460 +240.0				
Elevation OGL							REDLINE	HE													EXC.AREA		EXC.AREA	REDLINE	HE									HE							
Feature name																																									

**Chainage 300.000**  
Hz.Scale 1:1000  
Vt.Scale 1:1000  
Datum 111.000

Site Extents - 252.42m

Chainage/Offset	112.464 -340.0	112.462 -320.0	112.583 -300.0	113.582 -280.0	114.539 -260.0	114.510 -240.0	115.220 -220.0	116.001 -216.1	117.341 -212.8	116.589 -200.0	115.818 -180.0	117.110 -160.0	114.553 -140.0	114.750 -120.0	115.535 -100.0	111.953 -80.0	112.634 -60.0	116.049 -40.0	116.070 -20.0	115.973 +0.0	115.629 +20.0	114.077 +36.2	114.068 +36.3	113.402 +40.0	113.337 +60.0	113.292 +80.0	113.298 +100.0	113.322 +120.0	113.467 +140.0	114.401 +160.0	114.407 +180.0	114.396 +200.0	114.145 +213.1	114.001 +220.0	113.774 +240.0				
Elevation OGL							REDLINE	HE														HE	REDLINE											HE					
Feature name																																							

PROJECT:  
**Maplestown**

PROJECT LOCATION:  
**Maplestown, Rathvilly, Co.Carlow**

CLIENT:  
**Mark Phelan**

DATE SURVEYED:  
01/09/21

SURVEYED BY:  
RH

DRAWING:  
**North - South Sections - Page 2 of 2**

REVISIONS:

DRAWING NUMBER:  
**FI-06**

STATUS OF DRAWING:  
**FURTHER INFORMATION**

DATE:  
02/12/21

SCALE:  
1:1000

DRAWN BY:  
SR

CHECKED BY:  
RH

**A1**