

PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

**LEGEND**

**PLAN**

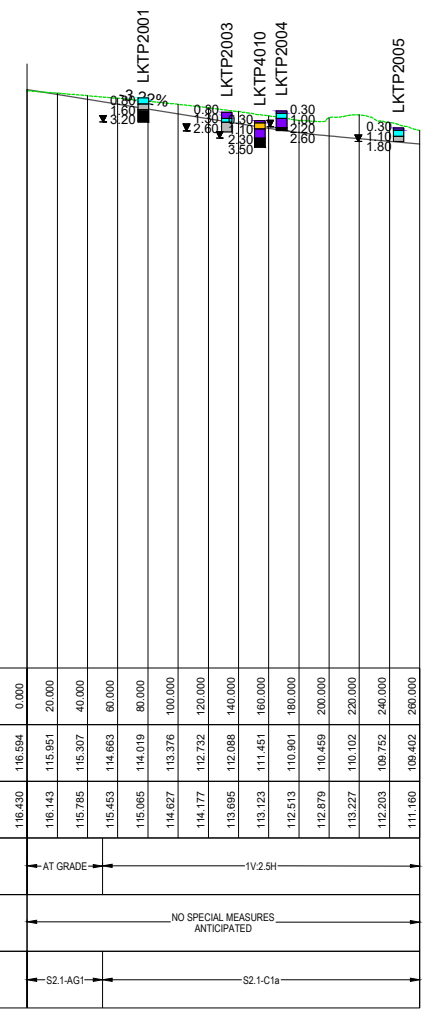
- CABLE PERCUSSIVE/ ROTARY CORE BOREHOLE
- TRIAL PIT
- WINDOW SAMPLE
- GEOPHYSICAL PROFILE LINE
- PROPOSED DEVELOPMENT BOUNDARY
- EXCAVATE & REPLACE (PEAT, ORGANIC AND SOFT CLAY/SILT)
- SUBFORMATION EXPECTED TO BE ROCK
- PROPOSED MATERIAL EXTRACTION
- PROPOSED DEPOSITION AREA
- PROPOSED ATTENUATION POND
- ANTICIPATED ROCK LEVEL
- CULVERT

**PROFILE**

- TOPSOIL
- MADE GROUND
- PEAT
- CLAY
- SILT
- SAND
- GRAVEL
- ROCK
- NO RECOVERY
- MAJOR STRUCTURE LOCATION
- COBBLES AND BOULDERS
- PIEZOMETER / STANDPIPE MEASUREMENT
- WATER STRIKE
- WATER LEVEL 20 MINUTES AFTER STRIKE
- EXISTING GROUND LEVEL
- PROPOSED LEVEL
- N = N-VALUE

**NOTES**

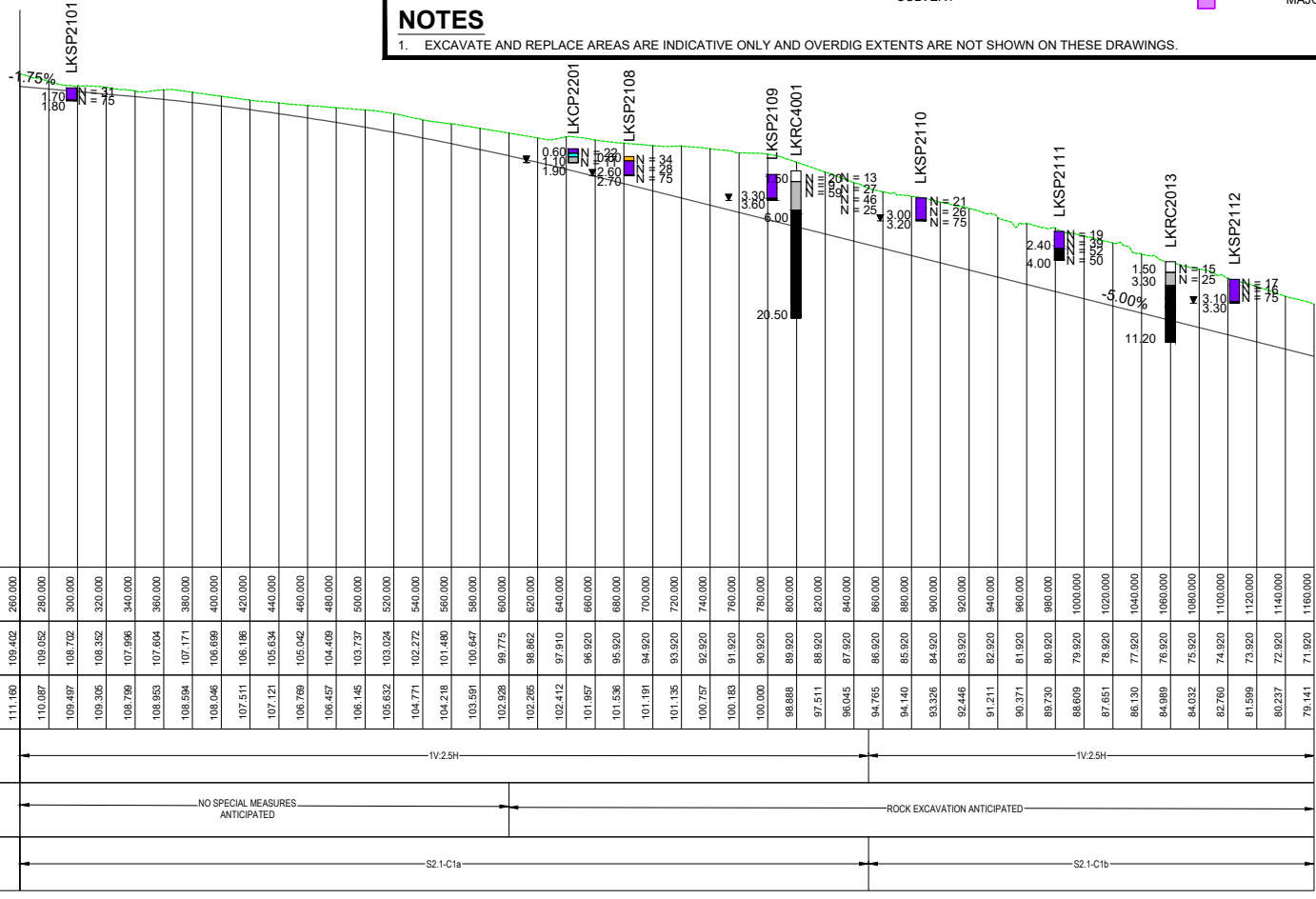
1. EXCAVATE AND REPLACE AREAS ARE INDICATIVE ONLY AND OVERDIG EXTENTS ARE NOT SHOWN ON THESE DRAWINGS.



Datum 40.000m

Chainage	Proposed Levels	Existing Levels	Slope Gradient	Ground Treatment / Special Measures	Earthworks Area
0.000	116.594	116.430	AT GRADE		S2.1-A1
20.000	115.951	116.143			
40.000	115.307	115.785			
60.000	114.663	115.453			
80.000	114.019	115.065			
100.000	113.376	114.627			
120.000	112.732	114.177			
140.000	112.088	113.695			
160.000	111.451	113.123			
180.000	110.801	112.513			
200.000	110.159	112.879			
220.000	110.102	113.227			
240.000	109.752	112.203			
260.000	109.402	111.160			

MAINLINE 2.1 Scale Horiz. 1:500 Vert. 1:2500 @ A1  
MAINLINE 2.1 Scale Horiz. 1:1000 Vert. 1:5000 @ A3



Datum 40.000m

Chainage	Proposed Levels	Existing Levels	Slope Gradient	Ground Treatment / Special Measures	Earthworks Area
280.000	109.402	111.160			S2.1-C1a
290.000	109.052	110.087			
300.000	108.702	109.497			
320.000	108.352	109.305			
340.000	107.996	109.799			
360.000	107.604	109.953			
380.000	107.171	109.594			
400.000	106.699	109.046			
420.000	106.186	107.511			
440.000	105.634	107.121			
460.000	105.042	106.769			
480.000	104.409	106.457			
500.000	103.737	105.145			
520.000	103.024	103.632			
540.000	102.272	104.771			
560.000	101.480	104.218			
580.000	100.647	103.591			
600.000	99.775	102.928			
620.000	98.862	102.265			
640.000	97.910	102.412			
660.000	96.920	101.957			
680.000	95.920	101.536			
700.000	94.920	101.191			
720.000	93.920	101.135			
740.000	92.920	100.757			
760.000	91.920	100.163			
780.000	90.920	100.000			
800.000	89.920	98.888			
820.000	88.920	97.511			
840.000	87.920	96.045			
860.000	86.920	94.765			
880.000	85.920	94.140			
900.000	84.920	93.326			
920.000	83.920	92.446			
940.000	82.920	91.211			
960.000	81.920	90.371			
980.000	80.920	88.730			
1000.000	79.920	86.609			
1020.000	78.920	87.651			
1040.000	77.920	86.130			
1060.000	76.920	84.989			
1080.000	75.920	84.032			
1100.000	74.920	82.760			
1120.000	73.920	81.589			
1140.000	72.920	80.237			
1160.000	71.920	79.141			

MAINLINE 2.2 Scale Horiz. 1:500 Vert. 1:2500 @ A1  
MAINLINE 2.2 Scale Horiz. 1:1000 Vert. 1:5000 @ A3

T:\MGT0337 - Ten-T Priority Route Imp - Donegal\0 Drawings\Phase 3\IGTT\_MGT0337-RPS-P3-S2-DR-C-GI0001 Section 2 Ground Investigation & Earthworks.dwg

**NOTES**

DO NOT SCALE, use figured dimensions only.

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P01	04.11.25	AB	ISSUE FOR PLANNING	KC	EC

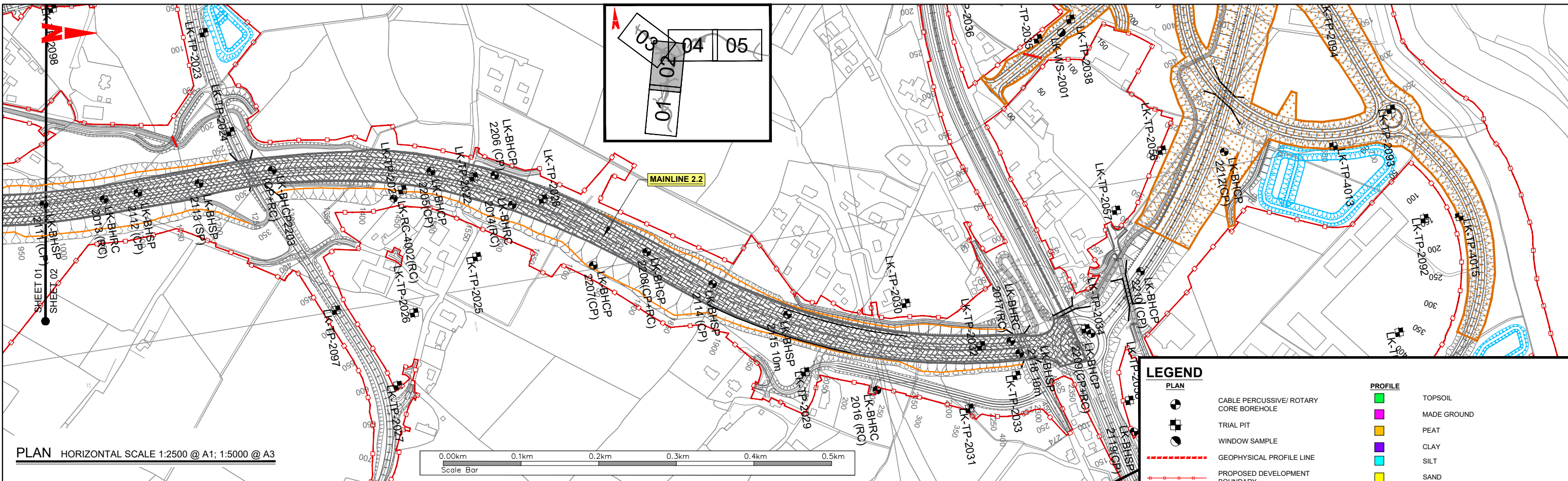
Project Title: TEN-T Priority Route Improvement Project, Donegal Section 2 - N56/N13 Letterkenny to Manorcunningham

Drawing Title: GROUND INVESTIGATION & EARTHWORKS PLAN & PROFILE (MAINLINE)

Status: A3

Designed: KC Date: NOV 2025  
 Drawn: AB Scale @ A1: As Shown  
 Approved: EC @ A3: As Shown  
 Checked: KC Sheet: 01 of 07

EIAR Drawing Identifier: EIAR DRAWING 4.61  
 File Identifier: TT\_MGT0337-RPS-P3-S2-DR-C-GI0001



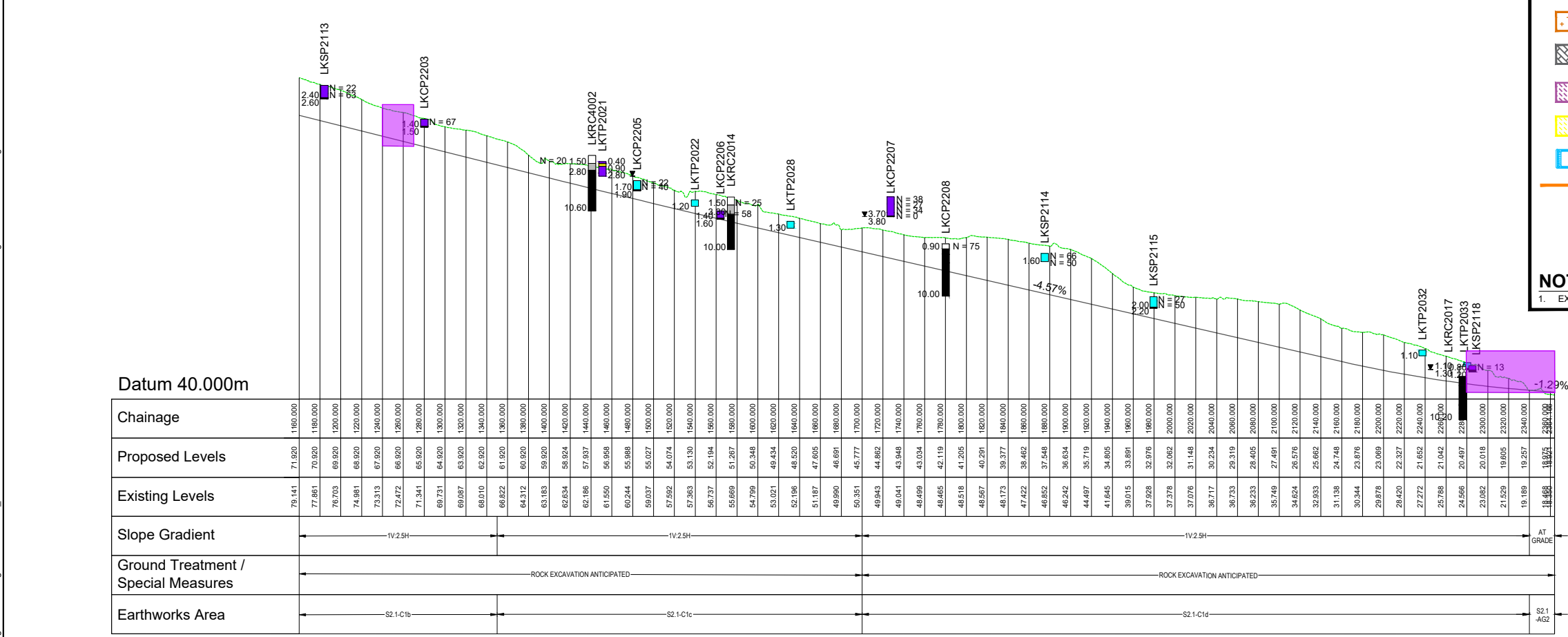
PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

### LEGEND

PLAN	PROFILE

### NOTES

1. EXCAVATE AND REPLACE AREAS ARE INDICATIVE ONLY AND OVERDIG EXTENTS ARE NOT SHOWN ON THESE DRAWINGS.



Datum 40.000m

Chainage	Proposed Levels	Existing Levels	Slope Gradient	Ground Treatment / Special Measures	Earthworks Area
79.141	71.920	79.141	-1V2.9H	ROCK EXCAVATION ANTICIPATED	S2.1-C1b
77.861	70.920	77.861			
76.703	69.920	76.703	-1V2.9H	ROCK EXCAVATION ANTICIPATED	S2.1-C1c
74.981	68.920	74.981			
73.313	67.920	73.313	-1V2.9H	ROCK EXCAVATION ANTICIPATED	S2.1-C1d
72.472	66.920	72.472			
71.341	65.920	71.341	AT GRADE		
69.731	64.920	69.731			
69.087	63.920	69.087			
68.010	62.920	68.010			
66.622	61.920	66.622			
64.312	60.920	64.312			
63.183	59.920	63.183			
62.634	58.924	62.634			
62.186	57.937	62.186			
61.550	56.958	61.550			
60.244	55.988	60.244			
59.037	55.027	59.037			
57.692	54.074	57.692			
56.363	53.130	56.363			
54.779	52.194	54.779			
53.021	49.434	53.021			
52.196	48.520	52.196			
51.187	47.605	51.187			
49.990	46.691	49.990			
50.351	45.777	50.351			
49.943	44.862	49.943			
49.041	43.948	49.041			
48.469	43.034	48.469			
48.465	42.119	48.465			
48.518	41.205	48.518			
48.567	40.291	48.567			
48.173	39.377	48.173			
47.422	38.462	47.422			
46.852	37.546	46.852			
46.242	36.634	46.242			
44.497	35.719	44.497			
41.645	34.805	41.645			
39.015	33.891	39.015			
37.926	32.976	37.926			
37.376	32.062	37.376			
37.076	31.148	37.076			
36.717	30.234	36.717			
36.733	29.319	36.733			
36.233	28.405	36.233			
35.749	27.491	35.749			
34.624	26.576	34.624			
32.633	25.662	32.633			
31.138	24.748	31.138			
30.344	23.876	30.344			
29.878	23.069	29.878			
28.420	22.327	28.420			
27.272	21.652	27.272			
25.788	21.042	25.788			
24.666	20.497	24.666			
23.082	20.018	23.082			
21.529	19.605	21.529			
19.189	19.257	19.189			
18.468	18.975	18.468			
18.468	18.693	18.468			

MAINLINE 2.2 Scale Horiz. 1:500 Vert. 1:2500 @ A1  
 MAINLINE 2.2 Scale Horiz. 1:1000 Vert. 1:5000 @ A3

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P01	04.11.25	AB	ISSUE FOR PLANNING	KC	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal Section 2 - N56/N13 Letterkenny to Manorcunningham

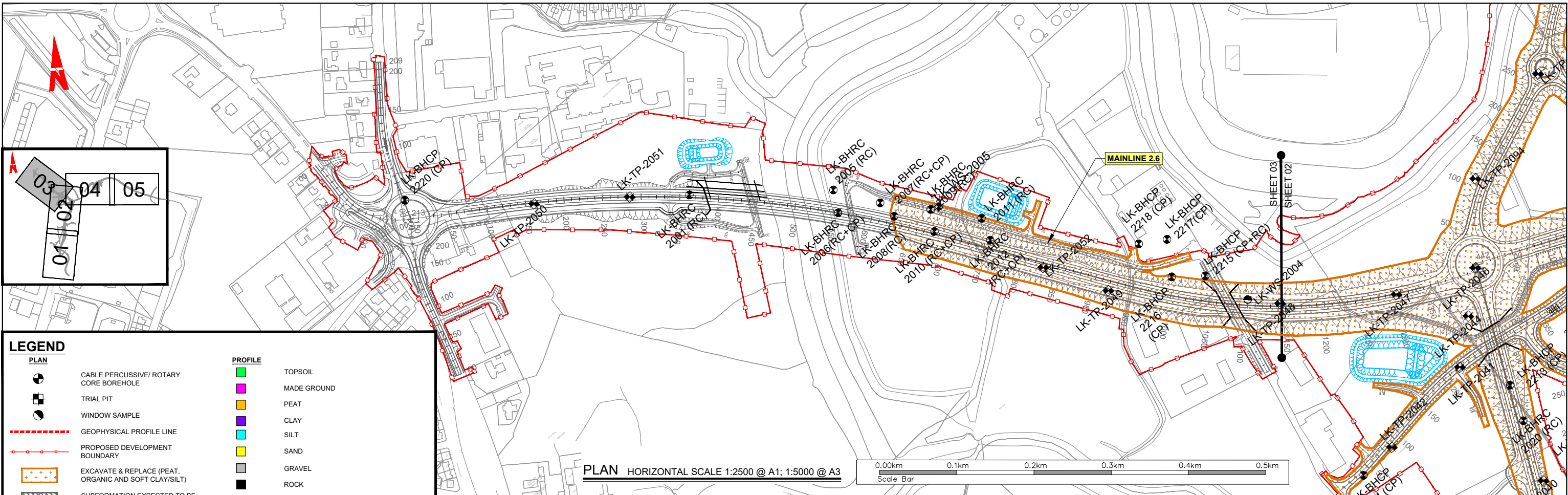
Drawing Title: GROUND INVESTIGATION & EARTHWORKS PLAN & PROFILE (MAINLINE)

Designed: KC  
 Drawn: AB  
 Approved: EC  
 Checked: KC

Date: NOV 2025  
 Scale @ A1: As Shown  
 @ A3: As Shown  
 Sheet: 02 of 07

EIAR Drawing Identifier: EIAR DRAWING 4.61  
 File Identifier: TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

Status: A3  
 Rev: P01



**LEGEND**

**PLAN**

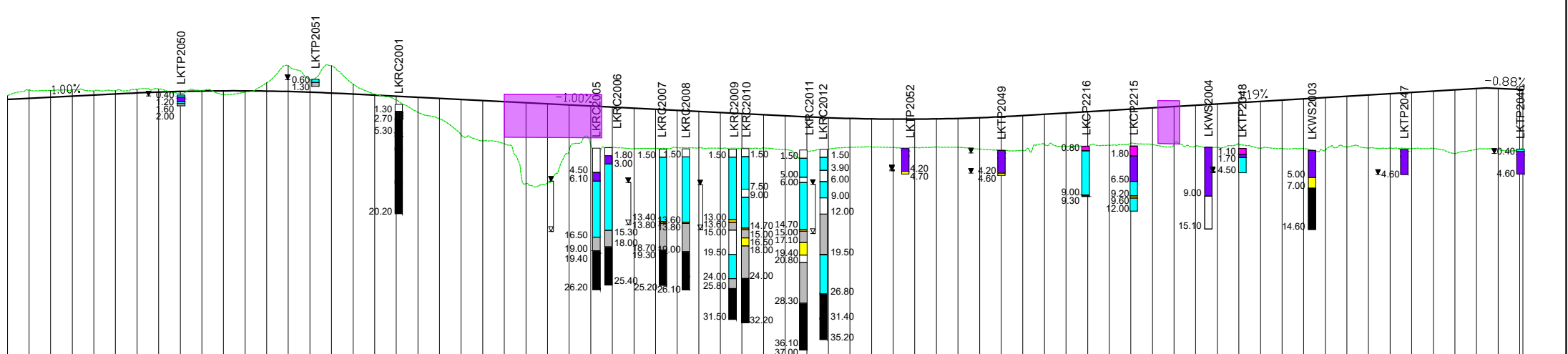
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**PROFILE**

- TOPSOIL
- MADE GROUND
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**NOTES**

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Datum -40.00m

Chainage	Proposed Levels	Existing Levels	Slope Gradient	Ground Treatment / Special Measures	Earthworks Area
0+000	11.080	11.776	AT GRADE		S2.RSL-AG1
20+000	11.279	12.841	IV.3H	NO SPECIAL MEASURES ANTICIPATED	S2.RSL-F1
40+000	11.479	12.789	IV.2.5H		S2.RSL-C1
60+000	11.679	12.915	IV.2H		S2.RSL-F2
80+000	11.879	12.663			RIVER SWILLY BRIDGE
100+000	12.079	12.680			S2.RSL-F3
120+000	12.273	12.965			
140+000	12.431	13.007			
160+000	12.549	12.200			
180+000	12.628	12.717			
200+000	12.666	11.963			
220+000	12.665	12.462			
240+000	12.623	14.157			
260+000	12.541	17.323			
280+000	12.420	14.728			
300+000	12.258	17.323			
320+000	12.063	19.890			
340+000	11.863	12.057			
360+000	11.663	10.963			
380+000	11.463	8.697			
400+000	11.263	7.492			
420+000	11.063	4.515			
440+000	10.863	3.404			
460+000	10.663	2.873			
480+000	10.463	-4.510			
500+000	10.263	-4.380			
520+000	10.063	1.469			
540+000	9.863	2.616			
560+000	9.663	2.197			
580+000	9.463	1.990			
600+000	9.263	2.029			
620+000	9.063	2.187			
640+000	8.863	2.113			
660+000	8.663	2.045			
680+000	8.463	2.033			
700+000	8.263	2.113			
720+000	8.063	1.783			
740+000	7.863	1.555			
760+000	7.688	1.879			
780+000	7.587	2.215			
800+000	7.470	2.297			
820+000	7.427	2.172			
840+000	7.427	2.183			
860+000	7.472	2.283			
880+000	7.560	2.206			
900+000	7.692	1.909			
920+000	7.888	1.696			
940+000	8.097	1.619			
960+000	8.326	2.751			
980+000	8.564	2.405			
1000+000	8.803	2.467			
1020+000	9.041	2.584			
1040+000	9.279	2.984			
1060+000	9.518	2.706			
1080+000	9.756	2.803			
1100+000	9.994	2.441			
1120+000	10.233	2.201			
1140+000	10.471	2.798			
1160+000	10.709	2.055			
1180+000	10.948	1.957			
1200+000	11.186	1.888			
1220+000	11.424	1.724			
1240+000	11.663	2.284			
1260+000	11.901	2.073			
1280+000	12.139	2.065			
1300+000	12.378	1.954			
1320+000	12.616	1.972			
1340+000	12.854	1.058			
1360+000	13.093	1.882			
1380+000	13.333	1.773			
1400+000	13.572	1.850			

MAINLINE 2.6 Scale Horiz. 1:500 Vert. 1:2500 @ A1  
 MAINLINE 2.6 Scale Horiz. 1:1000 Vert. 1:5000 @ A3

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Drawing Title: GROUND INVESTIGATION & EARTHWORKS PLAN & PROFILE (MAINLINE)

Designed: KC Date: NOV 2025 EIA Drawing Identifier: EIAR DRAWING 4.61

Drawn: AB Scale @ A1: As Shown @ A3: As Shown File Identifier: TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

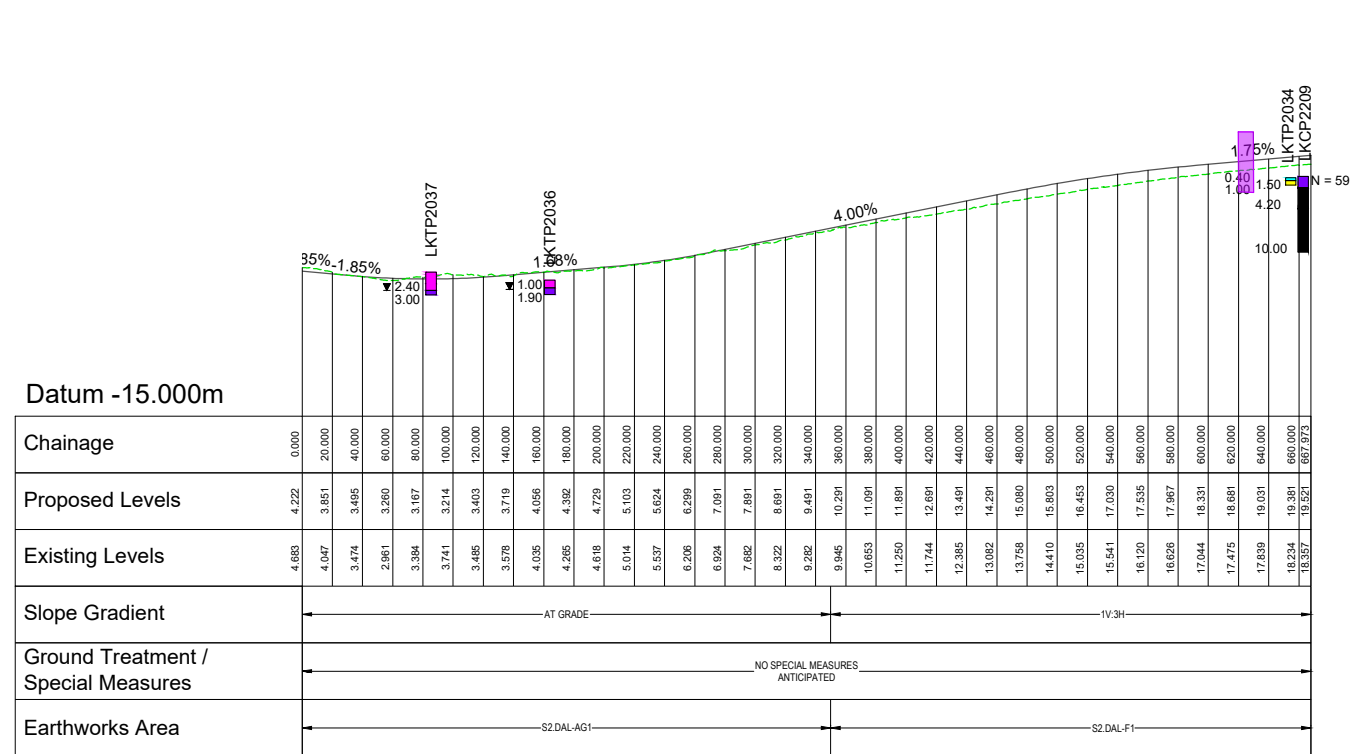
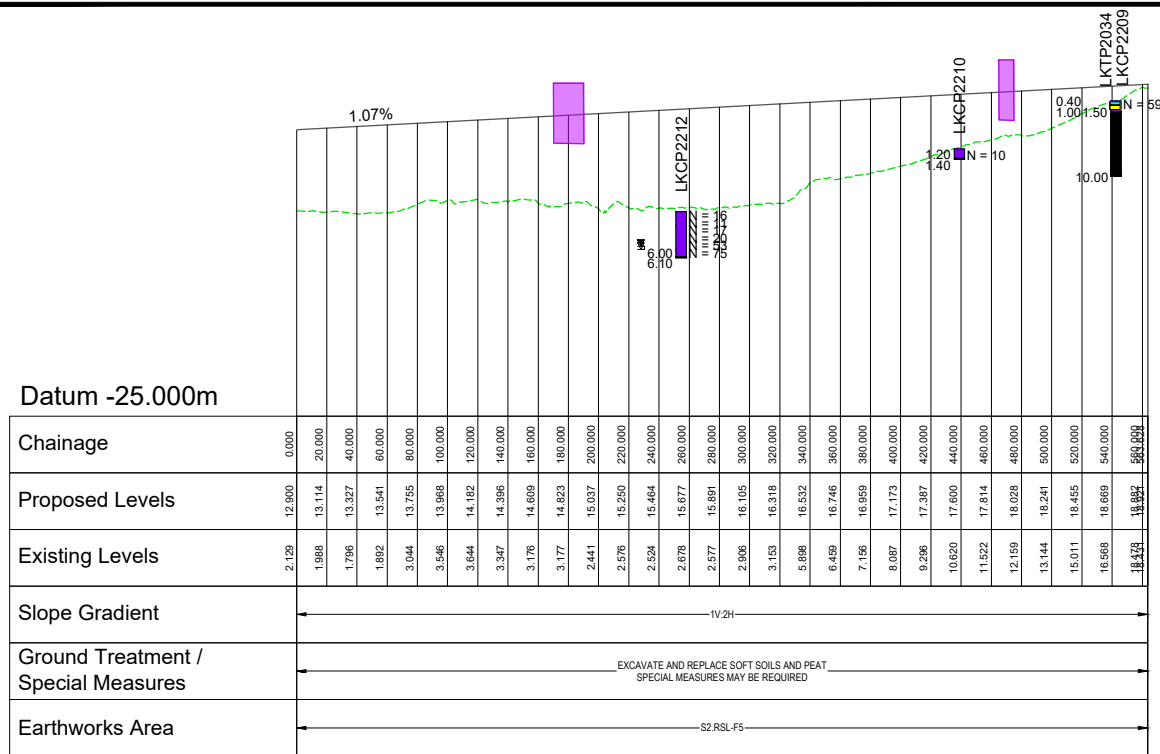
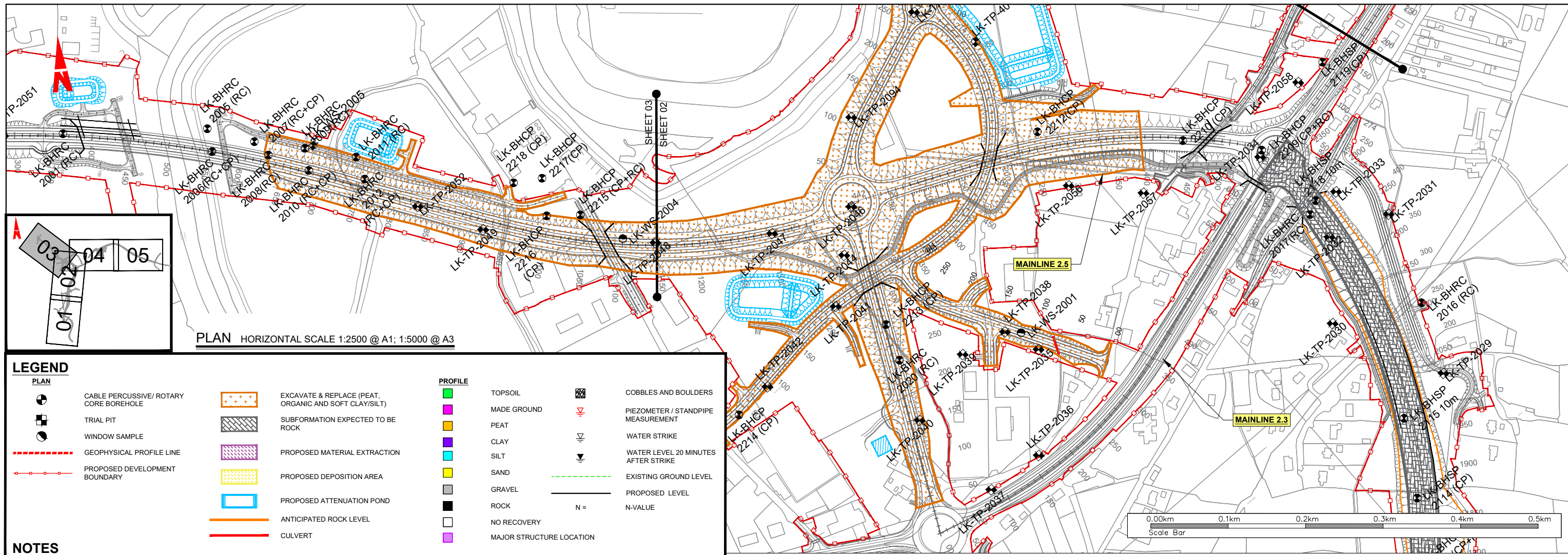
Approved: EC Sheet: 03 of 07

Checked: KC

Status: A3

Rev: P01

T:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\Phase 3\GITTT\_MGT0337-RPS-P3-S2-DR-C-GI0001 Section 2 Ground Investigation & Earthworks.dwg



T:\MGT0337 - Ten-T Priority Route Imp - Donegal\0 Drawings\Phase 3\INTT\_MGT0337-RPS-P3-S2-DR-C-GI0001 Section 2 Ground Investigation & Earthworks.dwg

Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

Riáil na hÉireann  
Government of Ireland

Tionscadal Éireann  
Project Ireland  
2040

Donegal  
NRO  
oifis boicéine na hÉireann  
Dhún na nGall

Comhairle Contae  
Dhún na nGall  
Donegal County Council

RPS BARRY  
TRANSPORTATION

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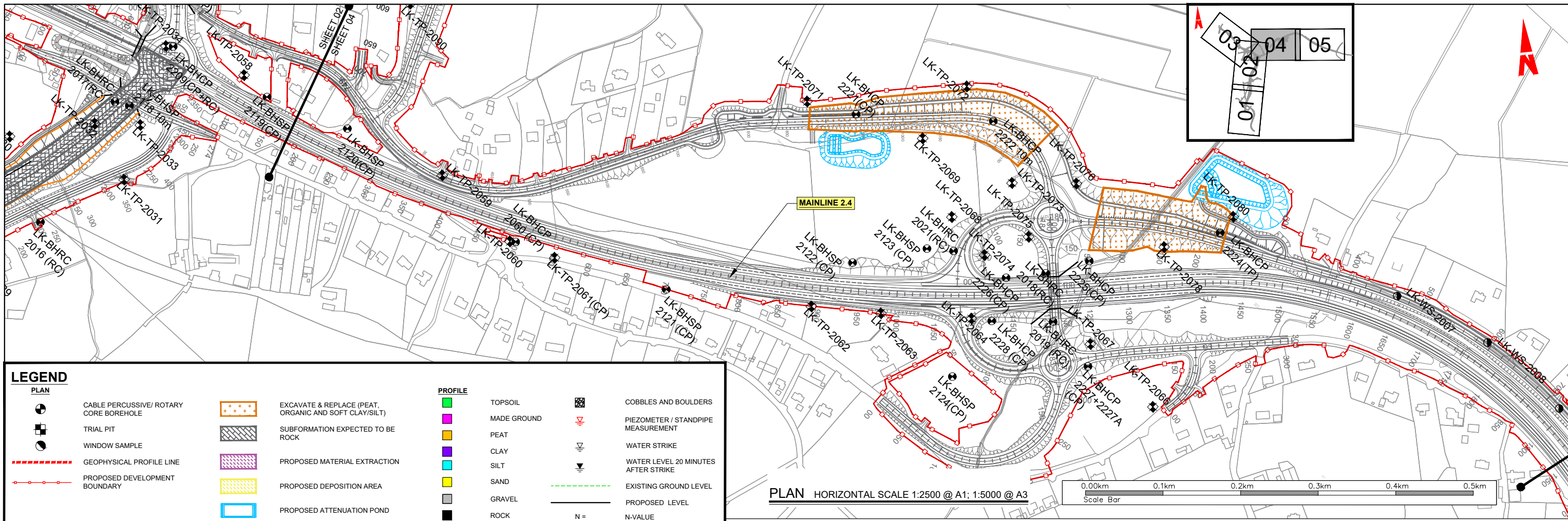
**Status:** A3

**Designed:** KC **Date:** NOV 2025 **EIAR Drawing Identifier:** EIAR DRAWING 4.61

**Drawn:** AB **Scale @ A1:** As Shown **@ A3:** As Shown **File Identifier:** TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

**Approved:** EC **Sheet:** 04 of 07

**Checked:** KC



**LEGEND**

**PLAN**

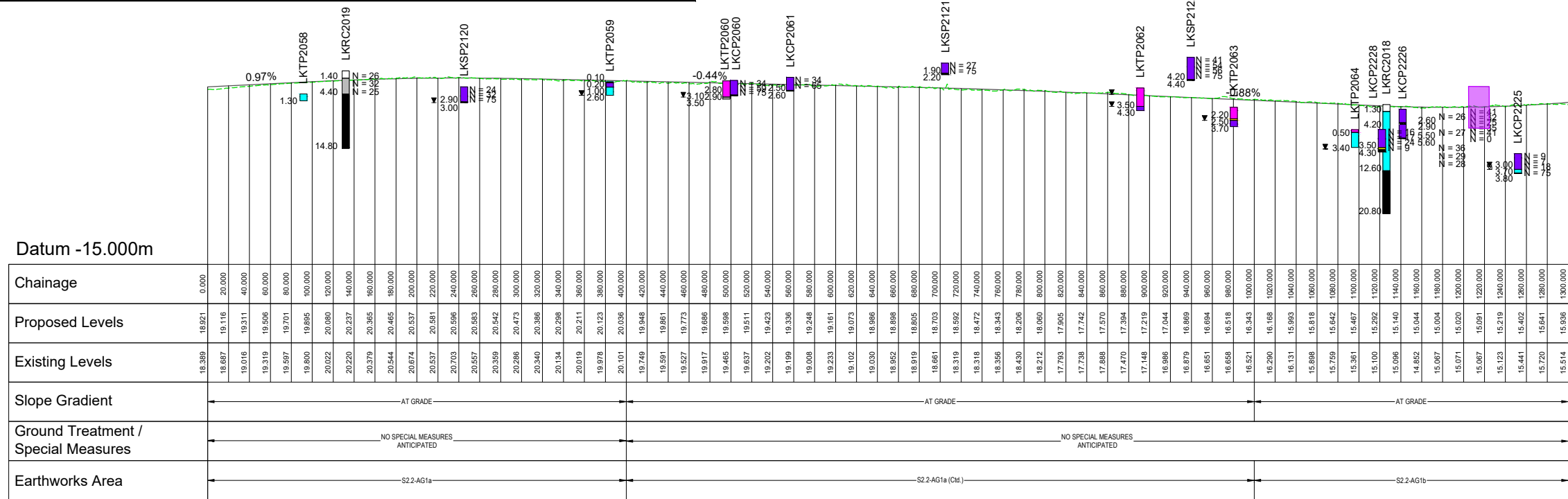
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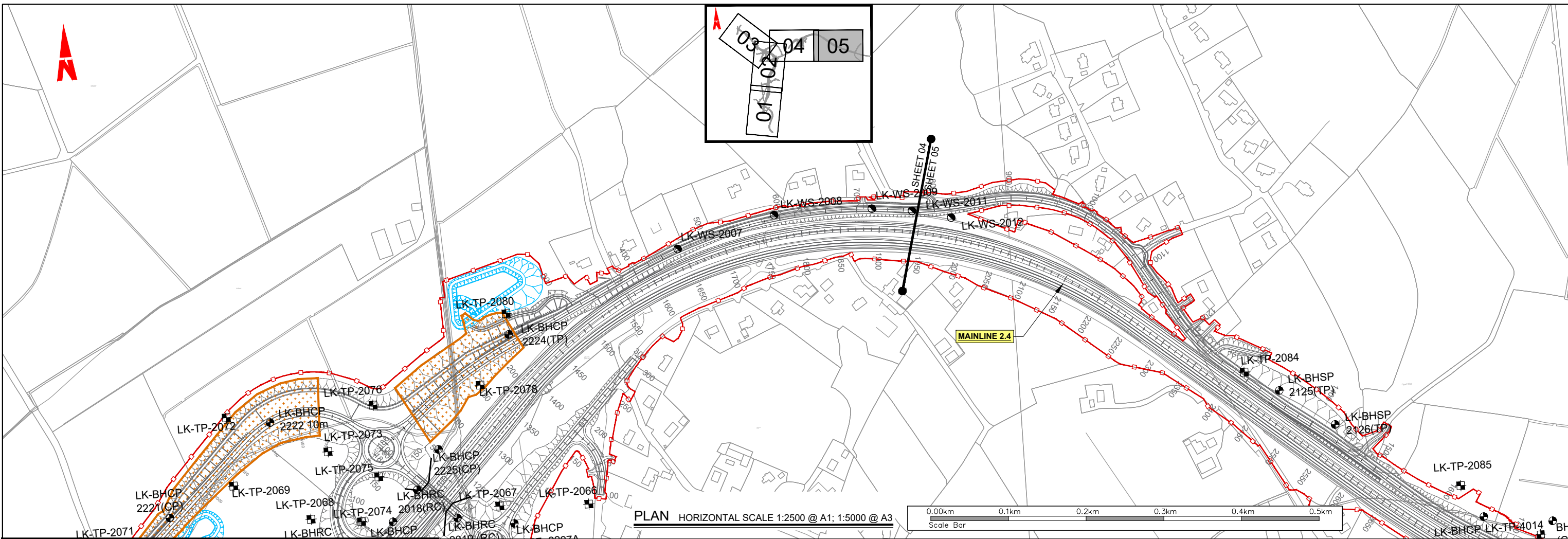
Drawn: AB Scale @ A1: As Shown @ A3: As Shown File Identifier: TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

Approved: EC Sheet: 05 of 07

Checked: KC

Status: A3

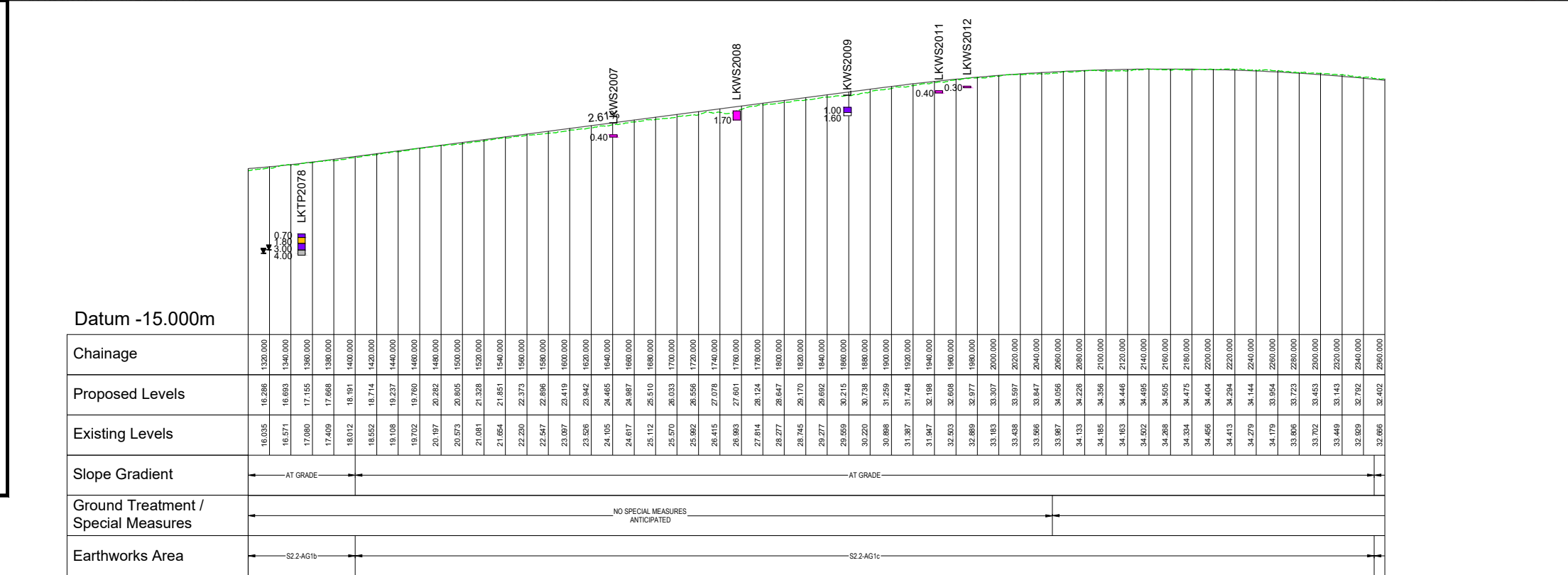
Rev: P01



### LEGEND

PLAN	PROFILE
	TOPSOIL
	MADE GROUND
	PEAT
	CLAY
	SILT
	SAND
	GRAVEL
	ROCK
	NO RECOVERY
	COBBLES AND BOULDERS
	MAJOR STRUCTURE LOCATION

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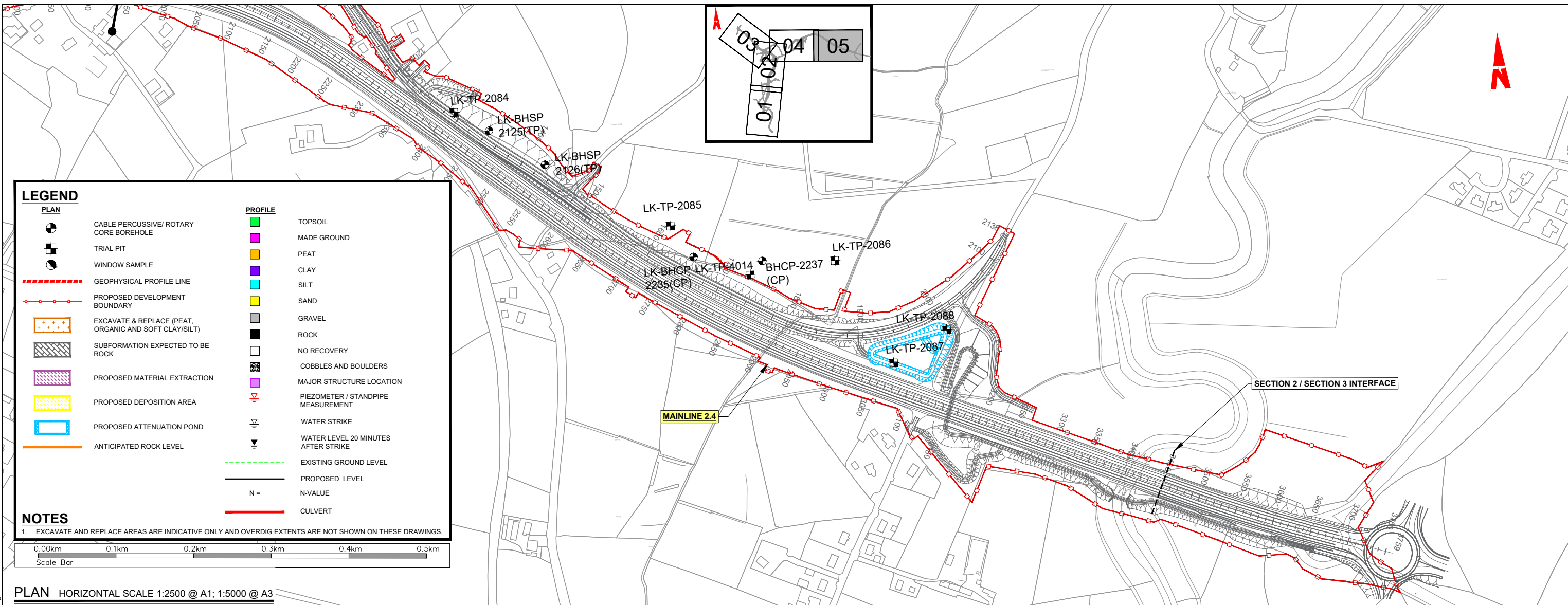
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**Designed:** KC **Date:** NOV 2025 **EIAR Drawing Identifier:** EIAR DRAWING 4.61

**Drawn:** AB **Scale @ A1:** As Shown **File Identifier:** TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

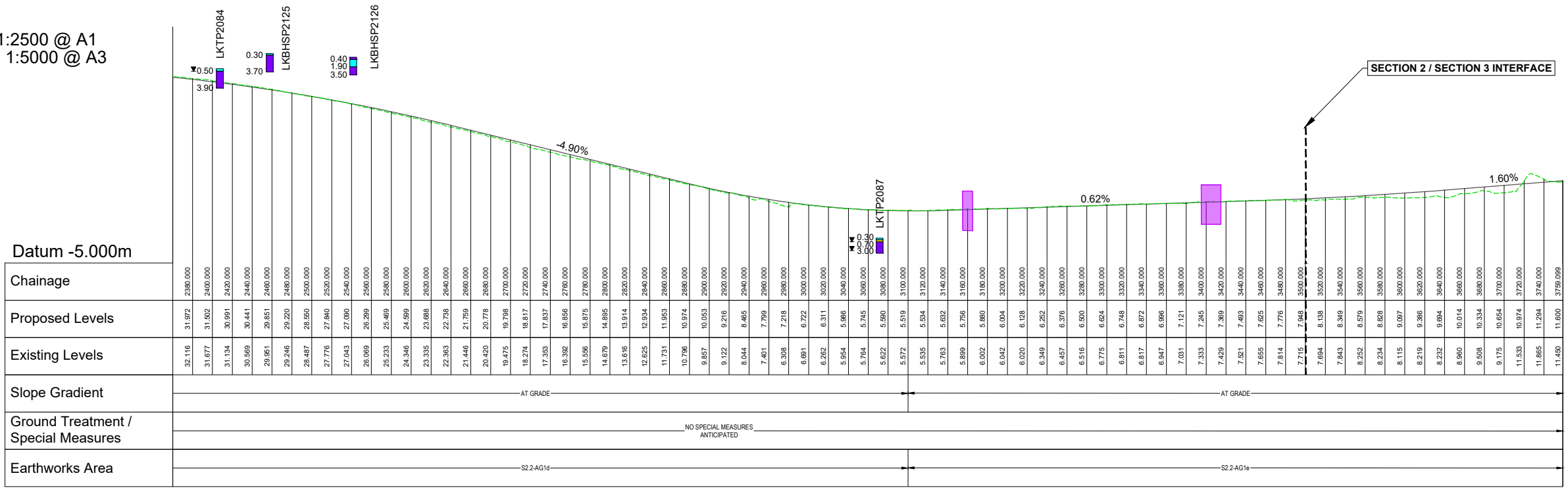
**Approved:** EC **@ A3:** As Shown

**Checked:** KC **Sheet:** 06 of 07



PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

MAINLINE 2.4 Scale Horiz. 1:500 Vert. 1:2500 @ A1  
 MAINLINE 2.4 Scale Horiz. 1:1000 Vert. 1:5000 @ A3



**NOTES**  
 DO NOT SCALE, use figured dimensions only.  
 All levels are referred to Ordnance Survey Datum, Main Head.  
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P01	04.11.25	AB	ISSUE FOR PLANNING	KC	EC

**Project Title:** TEN-T Priority Route Improvement Project, Donegal Section 2 - N56/N13 Letterkenny to Manorcunningham  
**Drawing Title:** GROUND INVESTIGATION & EARTHWORKS PLAN & PROFILE (MAINLINE)  
**Scale:** @ A1: As Shown @ A3: As Shown  
**Date:** NOV 2025  
**Scale @ A1:** As Shown  
**Scale @ A3:** As Shown  
**Sheet:** 07 of 07

**Status:** A3  
**Rev:** P01  
**EIAR Drawing Identifier:** EIAR DRAWING 4.61  
**File Identifier:** TT\_MGT0337-RPS-P3-S2-DR-C-GI0001

T:\MGT0337 - Ten-T Priority Route Imp - Donegal\8.0 Drawings\Phase 3\INT\_MGT0337-RPS-P3-S2-DR-C-GI0001 Section 2 Ground Investigation & Earthworks.dwg