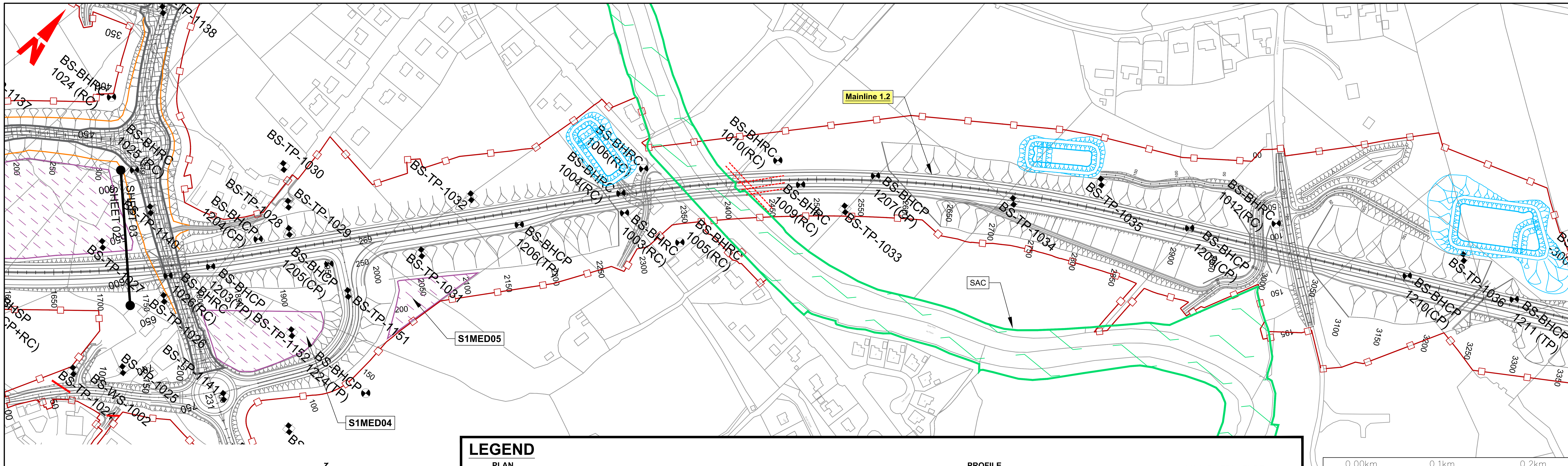
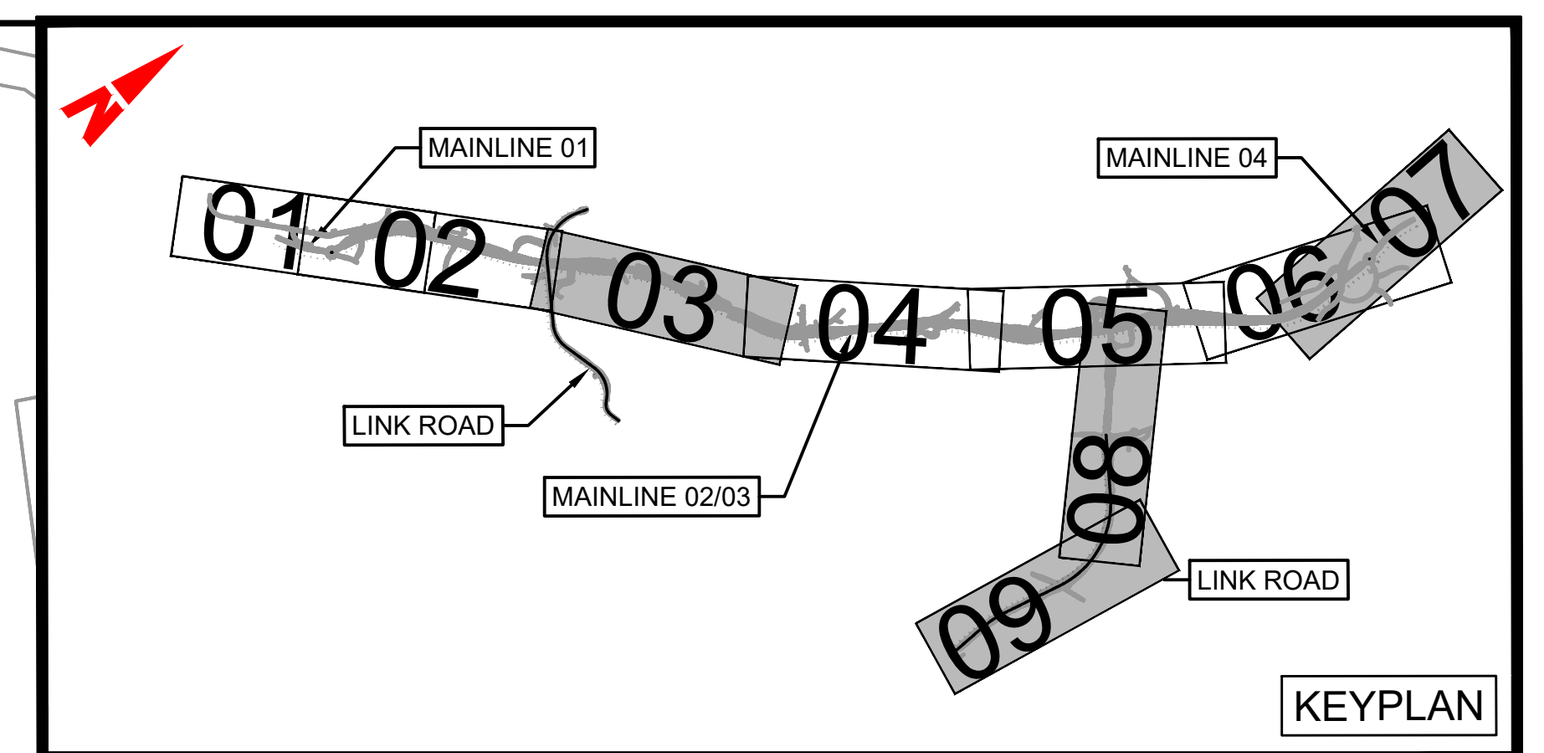




PLAN HORIZONTAL SCALE 1:2500 @ A1; 1:5000 @ A3

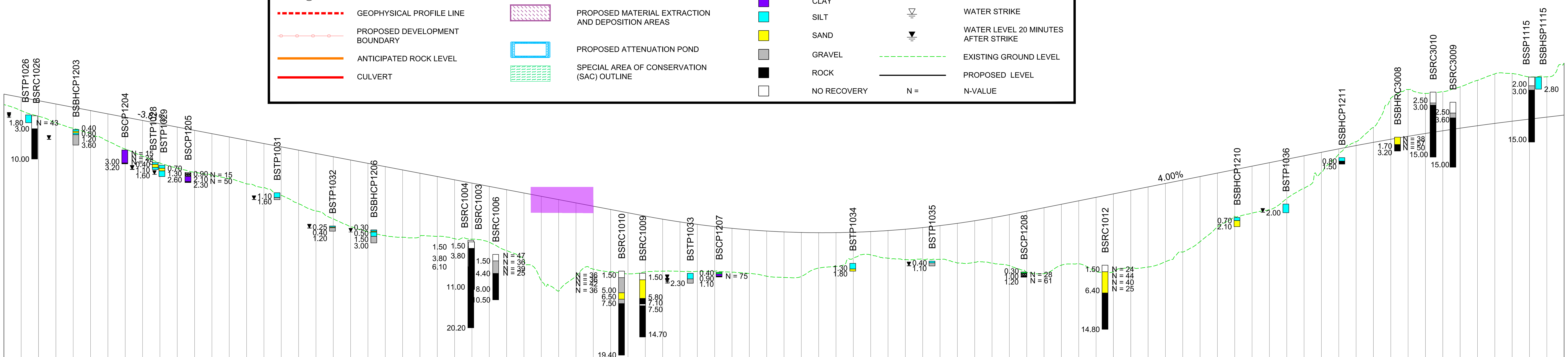
LEGEND

PLAN

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

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



Datum 0.000m

Chainage	1760.000	1780.000	1800.000	1820.000	1840.000	1860.000	1880.000	1900.000	1920.000	1940.000	1960.000	1980.000	2000.000	2020.000	2040.000
Proposed Levels	60.394	59.632	58.871	58.109	57.348	56.586	55.825	55.063	54.302	53.540	52.779	52.017	51.256	50.495	49.733
Existing Levels	57.334	56.009	54.511	53.254	52.111	50.296	48.463	46.835	45.250	44.040	43.103	42.293	41.693	40.415	39.505

Chainage	2060.000	2080.000	2100.000	2120.000	2140.000	2160.000	2180.000	2200.000	2220.000	2240.000	2260.000	2280.000	2300.000	2320.000	2340.000
Proposed Levels	48.972	48.210	47.449	46.687	45.926	45.164	44.403	43.641	42.880	42.118	41.357	40.596	39.834	39.073	38.311
Existing Levels	37.771	35.836	34.168	32.360	30.540	29.297	28.459	28.102	28.233	28.311	27.756	27.647	26.922	25.009	22.958

Chainage	2360.000	2380.000	2400.000	2420.000	2440.000	2460.000	2480.000	2500.000	2520.000	2540.000	2560.000	2580.000	2600.000	2620.000	2640.000
Proposed Levels	37.550	36.788	36.027	35.265	34.504	33.742	32.982	32.271	31.632	31.066	30.573	30.153	29.805	29.530	29.328
Existing Levels	18.072	15.644	19.115	20.697	20.149	19.628	20.097	20.284	20.221	20.230	20.270	20.023	19.738	19.094	18.804

Chainage	2660.000	2680.000	2700.000	2720.000	2740.000	2760.000	2780.000	2800.000	2820.000	2840.000	2860.000	2880.000	2900.000	2920.000	2940.000
Proposed Levels	29.198	29.141	29.157	29.246	29.407	29.641	29.948	30.327	30.780	31.305	31.902	32.573	33.316	34.113	34.913
Existing Levels	19.030	20.970	21.394	23.193	24.003	23.251	22.946	23.028	22.992	22.140	22.313	22.146	21.551	19.973	19.705

Chainage	2960.000	2980.000	3000.000	3020.000	3040.000	3060.000	3080.000	3100.000	3120.000	3140.000	3160.000	3180.000	3200.000	3220.000	3240.000
Proposed Levels	35.713	36.513	37.313	38.113	38.913	39.713	40.513	41.313	42.113	42.913	43.713	44.513	45.313	46.113	46.913
Existing Levels	21.640	21.974	20.179	20.107	20.984	21.223	22.444	24.669	27.090	30.497	32.903	33.678	34.477	37.027	39.409

Chainage	3260.000	3280.000	3300.000	3320.000	3340.000	3360.000	3380.000	3400.000	3420.000	3440.000	3460.000	3480.000	3500.000	3520.000	3540.000
Proposed Levels	47.713	48.508	49.277	50.017	50.729	51.411	52.064	52.689	53.285	53.852	54.390	54.899	55.379	55.843	56.307
Existing Levels	43.104	47.286	50.164	53.491	60.223	62.230	61.324	61.709	62.824	64.338	65.826	65.920	65.111	65.152	68.322

	Ch. 1760–2280	Ch. 2280–2700	Ch. 2700–3000	Ch. 3000–3040	Ch. 3040–3300	Ch. 3300–3540
Slope Gradient	1V:3H		1V:3H		1V:3H	1V:2.5H
Ground Treatment / Special Measures	NO SPECIAL MEASURES ANTICIPATED		NO SPECIAL MEASURES ANTICIPATED		NO SPECIAL MEASURES ANTICIPATED	
Earthworks Area	S1.2/1.3-F2	RIVER FINN BRIDGE	S1.2/1.3-F3a		S1.2/1.3-F3b	S1.2/1.3-C3

MAINLINE 1.2 Scale Horiz. 1:500 Vert. 1:2500 @ A1
MAINLINE 1.2 Scale Horiz. 1:1000 Vert. 1:5000 @ A3

Bonneagar Iompair Éireann Transport Infrastructure Ireland
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Rialtas na hÉireann Government of Ireland — Tionscadal Éireann Project Ireland 2040
Donegal NRO Oifig Bóithre Náisiúnta Dhún na nGall
Comhairle Contae Dhún na nGall Donegal County Council
RPS BARRY TRANSPORTATION

NOTES

DO NOT SCALE, use figured dimensions only.

All levels are referred to Ordnance Survey Datum, Malin Head.
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Rev.	Date	Drawn	Description	Chk'd	Appr.
P02	09.09.26	MOR	SAC BOUNDARY UPDATES	KC	EC
P01	29.10.25	EG	ISSUE FOR PLANNING	KC	EC

Project Title: TEN-T Priority Route Improvement Project, Donegal
Section 1 - N15/N13 Ballybofey / Stranorlar Urban Region

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

Status: A3

Designed: KS
Drawn: EG
Approved: EC
Checked: KC
Date: OCT 2025
Scale @ A1: As Shown
@ A3: As Shown
Sheet: 03 of 07
EIAR Drawing Identifier: EIAR DRAWING 4.60
File Identifier: TT_MGT0337-RPS-P3-S1-DR-C-GI0001
Rev: P02

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