



- Key:**
- Red Line Boundary
 - Extents of Earthworks (cut)
 - Extents of Earthworks (fill)
 - Existing Ground Profile
 - Proposed Profile
 - Existing Watercourse

- Notes:**
1. Do not scale from this drawing.
 2. All dimensions are in metres unless otherwise stated.
 3. All spot elevations and contour levels indicated are in metres above Ordnance Datum (mAOD) unless otherwise indicated.
 4. This drawing is to be read with all other relevant drawings and reports.
 5. All works to be in accordance with the Specification for Highway Works.
 6. Please refer to 3.03.00 Environmental Statement Chapter 3: Description of Scheme for the Rochdale Envelope flexibility included within the design for the purposes of Environmental Impact Assessment.
 7. This drawing is for planning application purposes only, it is not a construction issue drawing.

M-NWL-MAINLINE - LONGSECTION
SCALE: H 1:1000, V 1:200.
DATUM: 35.000



CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS	LEVEL DIFFERENCE	HORIZONTAL GEOMETRY	VERTICAL GEOMETRY	SUPER ELEVATION
4500.000	37.780	41.761	3.981	R = 1440.00 L = 699.22	R = 8000.000 K = 80.000 L = 312.361	LL = -3.5% CH = 4496.074 RL = 3.5%
4490.000	36.547	41.820	5.272			LL = -2.5% CH = 4484.492 RL = 2.7%
4480.000	36.392	41.891	5.499	L = 195.61	G = -1.854% L = 465.703	LL = -2.5% CH = 4410.376 RL = -2.5%
4470.000	36.559	41.974	5.415			LL = -2.5% CH = 4000.000 RL = -2.5%
4460.000	35.270	42.070	6.800			
4450.000	36.734	42.178	5.444			
4440.000	37.405	42.299	4.894			
4430.000	39.421	42.433	3.012			
4420.000	41.032	42.579	1.547			
4410.000	42.957	42.737	-0.220			
4400.000	43.922	42.908	-1.014			
4390.000	44.603	43.090	-1.512			
4380.000	44.794	43.276	-1.519			
4370.000	45.113	43.461	-1.652			
4360.000	45.654	43.647	-2.008			
4350.000	46.280	43.832	-2.448			
4340.000	46.918	44.018	-2.900			
4330.000	47.512	44.203	-3.309			
4320.000	47.825	44.388	-3.437			
4310.000	48.278	44.574	-3.704			
4300.000	48.782	44.759	-4.023			
4290.000	48.860	44.945	-3.916			
4280.000	49.111	45.130	-3.981			
4270.000	49.404	45.315	-4.089			
4260.000	49.550	45.501	-4.049			
4250.000	49.831	45.686	-4.145			
4240.000	50.074	45.872	-4.202			
4230.000	50.047	46.057	-3.990			
4220.000	50.219	46.242	-3.976			
4210.000	50.359	46.428	-3.931			
4200.000	50.538	46.613	-3.924			
4190.000	50.604	46.799	-3.805			
4180.000	50.715	46.984	-3.731			
4170.000	51.136	47.170	-3.966			
4160.000	51.346	47.355	-3.991			
4150.000	51.344	47.540	-3.804			
4140.000	51.487	47.726	-3.761			
4130.000	51.902	47.911	-3.991			
4120.000	52.251	48.097	-4.154			
4110.000	52.540	48.282	-4.258			
4100.000	52.471	48.467	-4.003			
4090.000	52.525	48.653	-3.872			
4080.000	52.726	48.838	-3.887			
4070.000	53.052	49.024	-4.029			
4060.000	52.899	49.209	-3.690			
4050.000	52.855	49.395	-3.461			
4040.000	52.946	49.580	-3.366			
4030.000	52.939	49.765	-3.174			
4020.000	52.899	49.951	-2.949			
4010.000	52.783	50.136	-2.647			
4000.000	52.769	50.322	-2.448			

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A1 - Authorised for Planning				
C01	KAK	SA	SS	08/02/24
REVISION	DRAWN	CHECKED	APPROVED	DATE

CLIENT

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PROJECT

DRAWING TITLE
NORWICH WESTERN LINK
LONG SECTION
SHEET 13 OF 16

DRAWING STATUS
A1 - AUTHORISED FOR PLANNING

DRAWN	CHECKED	APPROVED	AUTHORISED
KAK	SA	SS	FQC
SCALE @ A1 SIZE	DATE	REVISION	
1:1000	08/02/24	C01	

DRAWING NUMBER
PK1002-RAM-HGN-MLE-DR-CH-2614