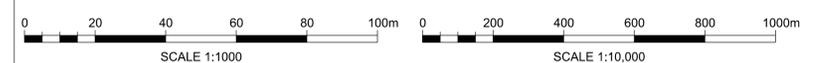


PLAN
SCALE 1:10,000 @ A1



Down Main CL	Chainage	Chainage																																																																
		CSA 39+000	CSA 39+100	CSA 39+200	CSA 39+300	CSA 39+400	CSA 39+500	CSA 39+600	CSA 39+700	CSA 39+800	CSA 39+900	CSA 40+000	CSA 40+100	CSA 40+200	CSA 40+300	CSA 40+400	CSA 40+500	CSA 40+600	CSA 40+700	CSA 40+800	CSA 40+900	CSA 41+000	CSA 41+100	CSA 41+200	CSA 41+300	CSA 41+400	CSA 41+500	CSA 41+600	CSA 41+700	CSA 41+800	CSA 41+900	CSA 42+000	CSA 42+100	CSA 42+200	CSA 42+300	CSA 42+400	CSA 42+500	CSA 42+600	CSA 42+700	CSA 42+800	CSA 42+900	CSA 43+000	CSA 43+100	CSA 43+200	CSA 43+300	CSA 43+400	CSA 43+500	CSA 43+600	CSA 43+700	CSA 43+800	CSA 43+900	CSA 44+000	CSA 44+100	CSA 44+200	CSA 44+300	CSA 44+400	CSA 44+500	CSA 44+600	CSA 44+700	CSA 44+800	CSA 44+900	CSA 45+000				
Horizontal Alignment		R=2003 L=645		L=105		L=193		L=105		R=2003 L=1076		L=105		L=3566														L=85		R=2500 L=1288																																				
Vertical Alignment		L=5581 G=-0.20%										L=167 R=15000		L=2197 G=-1.25%										L=157 R=15000		L=622 G=-0.20%		L=80 R=20000		L=892 G=0.20%		L=80 R=10000																																		
Existing Level		71.5	71.6	71.7	71.6	71.7	71.7	71.3	71.4	71.6	70.9	70.4	68.9	67.2	66.1	64.2	63.1	64.3	64.1	62.6	60.2	57.4	54.3	51.7	50.3	51.2	51.2	51.4	52.3	50.5	48.3	42.5	41.2	45.7	43.4	33.8	32.5	31.1	31.8	33.2	33.6	33.8	32.5	28.7	27.5	26.7	26.5	26.3	26.1	25.9	26.0	26.0	24.7	24.3	24.3	23.3	22.9	21.9	20.9	20.8	20.8	20.2	19.3	17.1	19.6	20.2
Proposed Level		60.0	59.8	59.6	59.4	59.2	59.0	58.8	58.6	58.4	58.2	58.0	57.8	57.6	57.4	57.2	57.0	56.8	56.6	56.4	56.0	55.0	53.7	52.5	51.2	50.0	48.7	47.5	46.2	45.0	43.7	42.5	41.2	40.0	38.7	37.5	36.2	35.0	33.7	32.5	31.2	30.0	28.7	27.5	26.7	26.5	26.3	26.1	25.9	26.0	26.0	24.7	24.3	24.3	23.3	22.9	21.9	20.9	20.8	20.8	20.2	19.3	17.1	19.6	20.2	
Cut and Fill		-11.5	-11.8	-12.1	-12.2	-12.5	-12.6	-12.9	-12.7	-13.0	-13.4	-12.9	-12.6	-11.3	-9.8	-8.9	-7.2	-6.3	-7.7	-7.7	-6.6	-5.2	-3.7	-1.8	-0.5	-0.3	-2.5	-3.7	-5.2	-7.3	-6.8	-5.8	-4.5	-3.4	-2.4	-1.2	-0.3	+0.1	-0.1	-0.5	-2.0	-3.6	-5.1	-5.0	-4.4	-5.3	-6.9	-5.1	-2.1	-0.3	+0.8	+1.1	+2.2	+2.8	+4.0	+5.2	+5.5	+6.3	+7.4	+8.8	+7.5	+7.4				
Design Speed		161km/h																																																																



PROFILE
SCALE H:1:10,000 V:1:1000 @ A1

Notes:
1. For notes refer to drawing EWR_PGM-ARU-ZZ-XX-SC-C-001000.

Profile Legend:
— Preferred alignment
--- Existing ground

Plan Legend:

- Preferred alignment
- Chainage
- New permanent highway (public and private)
- Existing public rights of way
- Proposed public rights of way and side road non-motorised road users
- Extent of public right of way closure
- Engineering earthworks
- Landscape earthworks
- New ditches
- Balancing pond
- Balancing pond earthworks
- Other drainage
- Replacement floodplain storage area
- Replacement floodplain storage area earthworks
- Woodland habitat creation
- Woodland habitat enhancement
- Grassland habitat creation
- Grassland habitat enhancement
- Construction & logistic sites
- Station, depot or other building
- Traction Power Compound
- Noise barrier
- Hedgerow habitat creation
- Hedgerow habitat enhancement
- Scrub habitat creation
- Scrub habitat enhancement
- Wetland habitat creation
- Wetland habitat enhancement
- Replacement public open space
- Preliminary utilities diversion
- Utilities construction zone
- Overall temporary construction boundary
- Limit of permanent works
- Groundwater mitigation
- Watercourse diversion

Rev	Date	Description	By	Chkd	Appd	Auth
P01	21/01/22	Design Freeze 2	LK	ID	LG	--
P02	11/02/22	DF2 (boundaries updated)	LK	ID	PS	--

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east west RAIL

Project Title
EWR Engineering Partner

Drawing Title
EWR - Plan Profile Drawing - Core Section - 7 of 8

Scale at A1: As Shown
Anup Job No: 270741-00

Role: Civil Engineer

Suitability: S3 - Suitable for Review & Comment

Rev	By	LK	Chkd	ID	Appd	PS	Auth	
P02	Date	10/02/22	Date	11/02/22	Date	11/02/22	Date	--

Name: **EWR_PGM-ARU-ZZ-XX-SC-C-000416**

Project	Originator	Volume	Location	Type	Role	Number