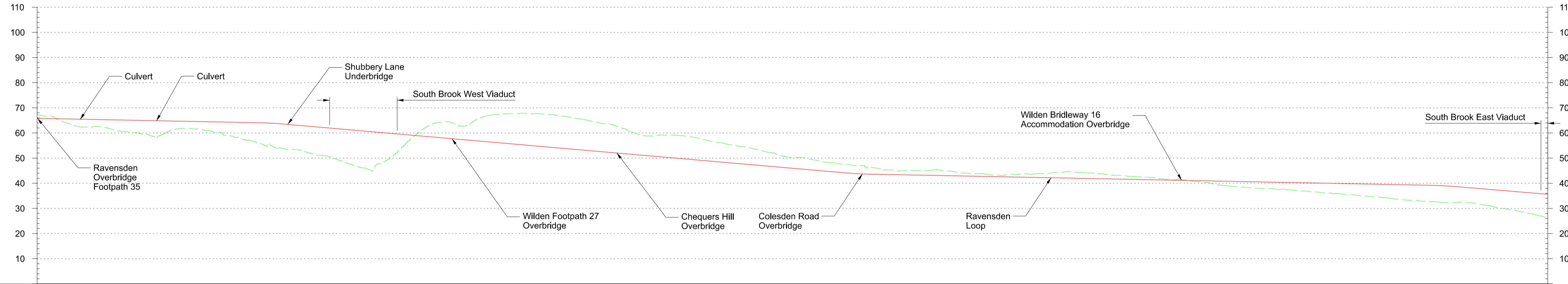
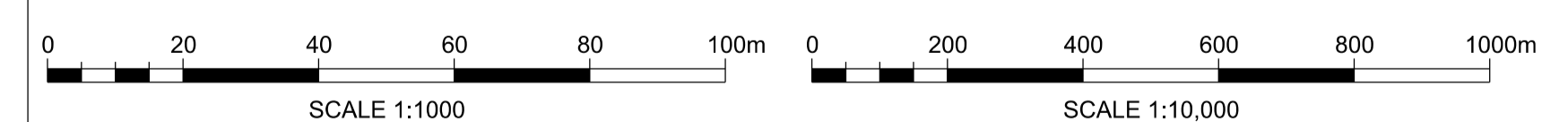


PLAN
SCALE 1:10,000 @ A1



Down Main CL	Chainage	Horizontal Alignment		Vertical Alignment	Existing Level	Proposed Level	Cut and Fill	Design Speed
		R	L					
	CSA 9+000	R=5003	L=624	L=1104 G=-0.20%	67.4	65.8	-1.6	161km/h
	CSA 9+100				64.6	65.6	+1.0	
	CSA 9+200			L=1286	62.4	65.4	+3.0	161km/h
	CSA 9+300				61.3	65.2	+3.9	
	CSA 9+400			L=87 R=10000	60.1	65.0	+4.9	161km/h
	CSA 9+500				59.3	64.8	+5.5	
	CSA 9+600			L=2239 G=-0.87%	61.9	64.6	+2.7	161km/h
	CSA 9+700				60.4	64.4	+4.0	
	CSA 9+800			L=100 R=15000	58.3	64.2	+5.9	161km/h
	CSA 9+900				55.4	64.0	+8.6	
	CSA 10+000			L=94 R=15000	53.5	63.4	+9.9	161km/h
	CSA 10+100				51.5	62.5	+11.0	
	CSA 10+200			L=1025 G=-0.63%	49.2	61.6	+12.4	161km/h
	CSA 10+300				46.1	60.8	+14.7	
	CSA 10+400			L=75	50.2	59.9	+9.7	161km/h
	CSA 10+500				59.0	59.0	0.0	
	CSA 10+600			L=75	64.2	58.2	-6.0	161km/h
	CSA 10+700				62.9	57.3	-5.6	
	CSA 10+800			L=75	67.0	56.4	-10.6	161km/h
	CSA 10+900				67.7	55.5	-12.2	
	CSA 11+000			L=396	67.6	54.7	-12.9	161km/h
	CSA 11+100				66.6	53.8	-12.8	
	CSA 11+200			L=75	64.8	52.9	-11.9	161km/h
	CSA 11+300				62.5	52.1	-10.4	
	CSA 11+400			L=75	59.2	51.2	-8.0	161km/h
	CSA 11+500				59.2	50.3	-8.9	
	CSA 11+600			L=75	58.4	49.5	-8.9	161km/h
	CSA 11+700				56.2	48.6	-7.6	
	CSA 11+800			L=75	54.5	47.7	-6.8	161km/h
	CSA 11+900				52.4	46.8	-5.6	
	CSA 12+000			L=75	50.2	46.0	-4.2	161km/h
	CSA 12+100				49.1	45.1	-4.0	
	CSA 12+200			L=1299	47.6	44.2	-3.4	161km/h
	CSA 12+300				46.7	43.7	-3.0	
	CSA 12+400			L=75	45.3	43.5	-1.8	161km/h
	CSA 12+500				45.1	43.3	-1.8	
	CSA 12+600			L=75	45.1	43.1	-2.0	161km/h
	CSA 12+700				45.1	43.1	-2.0	
	CSA 12+800			L=75	43.9	42.9	-1.0	161km/h
	CSA 12+900				43.3	42.7	-0.6	
	CSA 13+000			L=75	43.6	42.5	-1.1	161km/h
	CSA 13+100				43.8	42.3	-1.5	
	CSA 13+200			L=75	44.6	42.1	-2.5	161km/h
	CSA 13+300				44.1	41.9	-2.2	
	CSA 13+400			L=75	43.2	41.7	-1.5	161km/h
	CSA 13+500				42.4	41.5	-0.9	
	CSA 13+600			L=75	41.5	41.3	-0.2	161km/h
	CSA 13+700				40.8	41.1	+0.3	
	CSA 13+800			L=75	39.3	40.9	+1.6	161km/h
	CSA 13+900				38.4	40.7	+2.3	
	CSA 14+000			L=75	37.9	40.5	+2.6	161km/h
	CSA 14+100				37.2	40.3	+3.1	
	CSA 14+200			L=75	36.3	40.1	+3.8	161km/h
	CSA 14+300				35.5	39.9	+4.4	
	CSA 14+400			L=75	34.7	39.7	+5.0	161km/h
	CSA 14+500				33.7	39.5	+5.8	
	CSA 14+600			L=75	32.9	39.3	+6.4	161km/h
	CSA 14+700				32.3	38.9	+6.6	
	CSA 14+800			L=75	32.2	38.1	+5.9	161km/h
	CSA 14+900				30.3	37.3	+7.0	
	CSA 15+000			L=1042 R=5000	28.6	36.5	+7.9	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	---	---	---	---
P02	11/02/22	DF2 (boundaries updated)	---	---	---	---

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east west RAIL

Project Title
EWR Engineering Partner

Drawing Title
EWR - Plan Profile Drawing - Core Section - 2 of 8

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

Role: Civil Engineer

Suitability: S3 - Suitable for Review & Comment

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

Name: **EWR_PGM-ARU-ZZ-XX-SC-C-000411**

Project Originator Volume Location Type Role Number