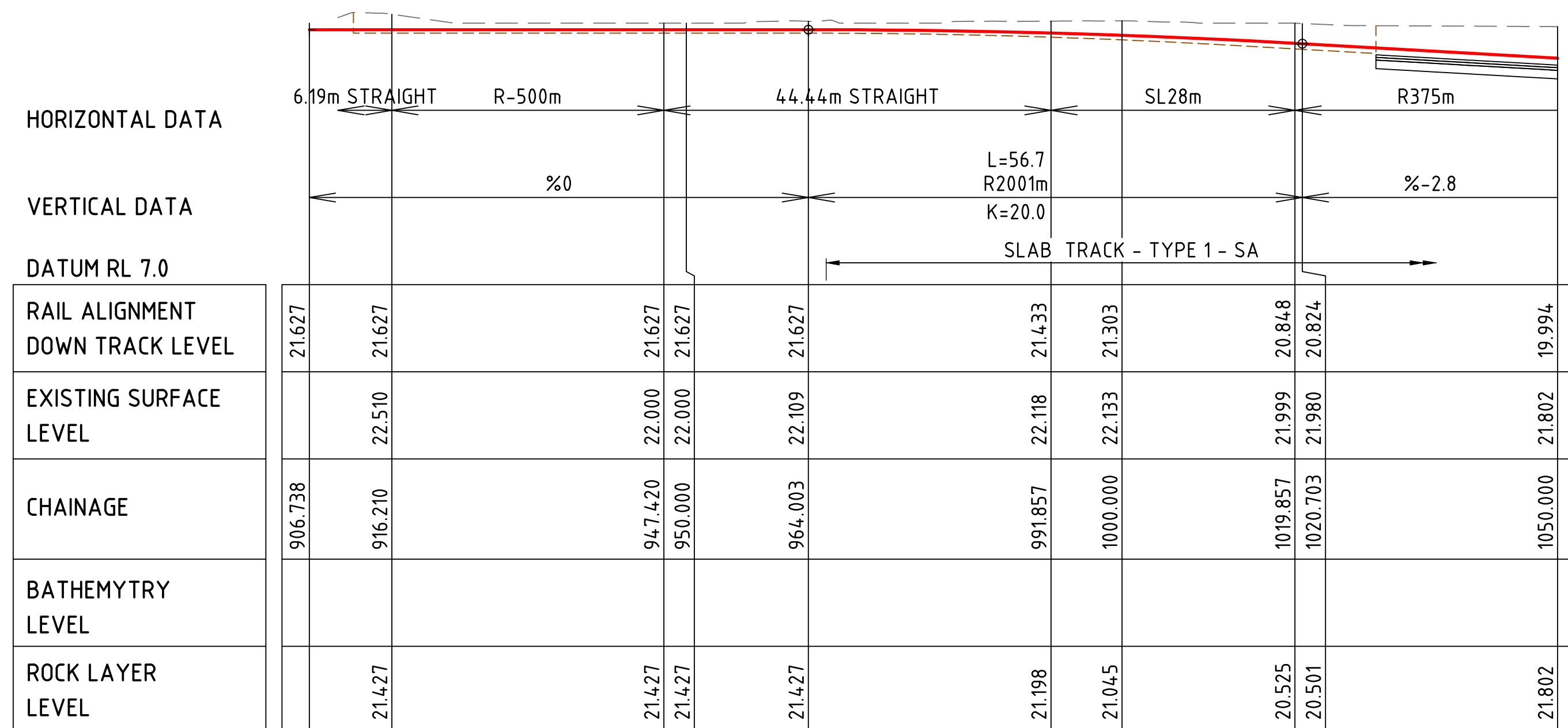




DUTTON PARK STATION
PEDESTRIAN BRIDGE



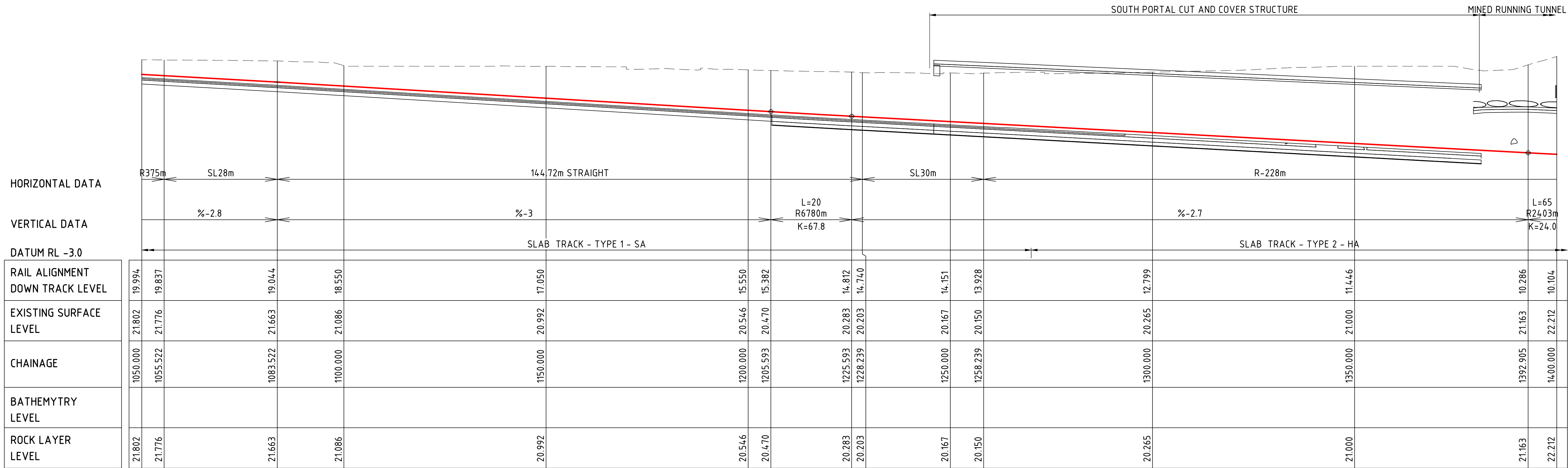
LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

- — — — — EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- - - - - BRISBANE RIVER BATHYMETRY
- - - - - ROCK LEVEL

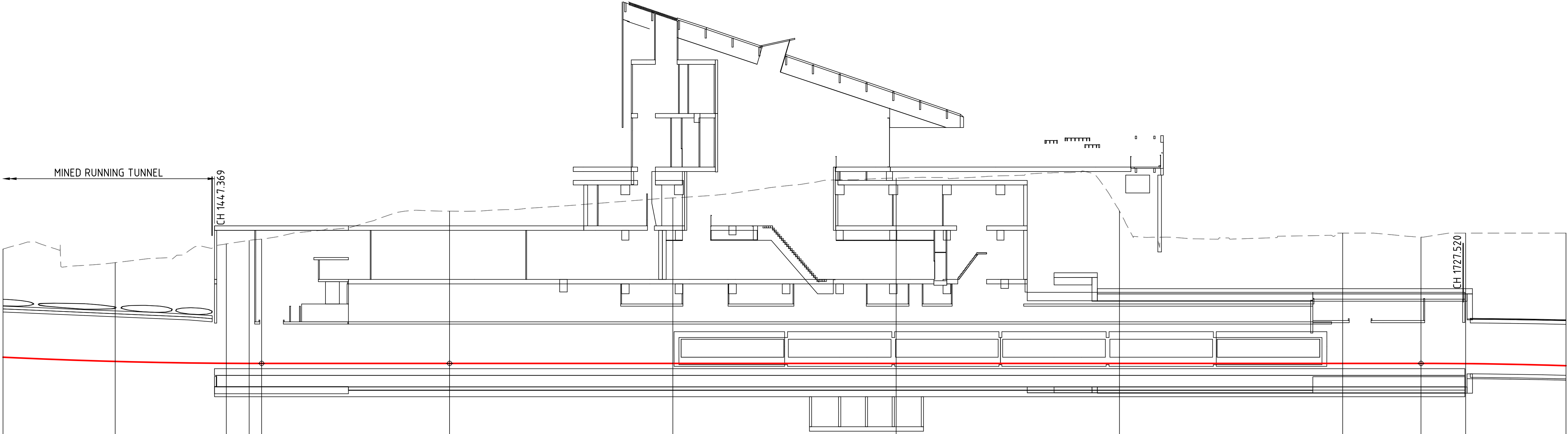
CRRDA Drg. No.	CRR-0003-LS-GA-100
----------------	--------------------

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 2														
							Datum	BCSG02		CROSS RIVER RAIL																			
D	RFPC9	ISSUE			30.10.20	Auxiliary Drg Nos	Horiz. Grid			CHANGED PROJECT 9																			
C	RFPC8	ISSUE			24.07.20		Height Origin			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.								
B	RFPC7	ISSUE			08.05.20					Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP		ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.								
A	RFPC4	ISSUE			24.04.19		Survey Books		Dimensions shown in metres except where shown otherwise					Designed						Drawing No.		D							
Revisions/Descriptions						Certification	Date	Microfiled												Series Number		of							
CAD FILES		CRR-0003-LS-GA-101.dwg								Last Modified :- Oct 27, 2020 - 7:32PM					Through Chainage from										MRR_Detail (02/14)				

BOGGO ROAD STATION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -11.0

RAIL ALIGNMENT DOWN TRACK LEVEL	10.104	9.630	9.420	9.408	9.407	9.407	9.407	9.407	9.407	9.407	9.407	9.382	9.147
EXISTING SURFACE LEVEL	22.212	20.693	22.788	23.182	23.326	26.457	27.943	30.166	26.480	24.000	23.552	24.000	24.000
CHAINAGE	1400.000	1425.124	1450.000	1455.124	1457.905	1500.000	1550.000	1600.000	1650.000	1700.000	1717.520	1727.520	1750.000
BATHYMETRY LEVEL													
ROCK LAYER LEVEL	22.212	20.693	22.788	23.182	23.326	26.457	27.943	30.166	26.480	24.000	23.552	24.000	24.000

LONGITUDINAL SECTION MC01 (DOWN TRACK)

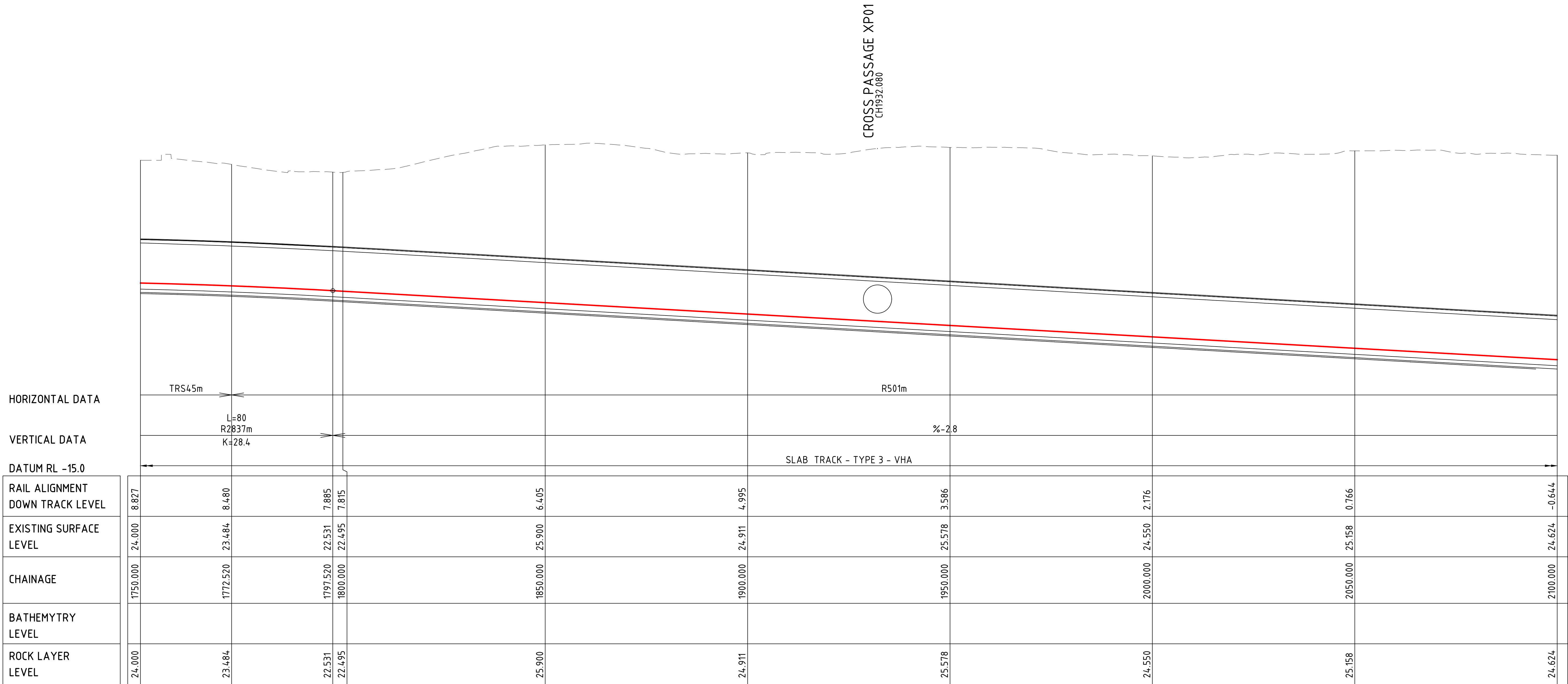
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

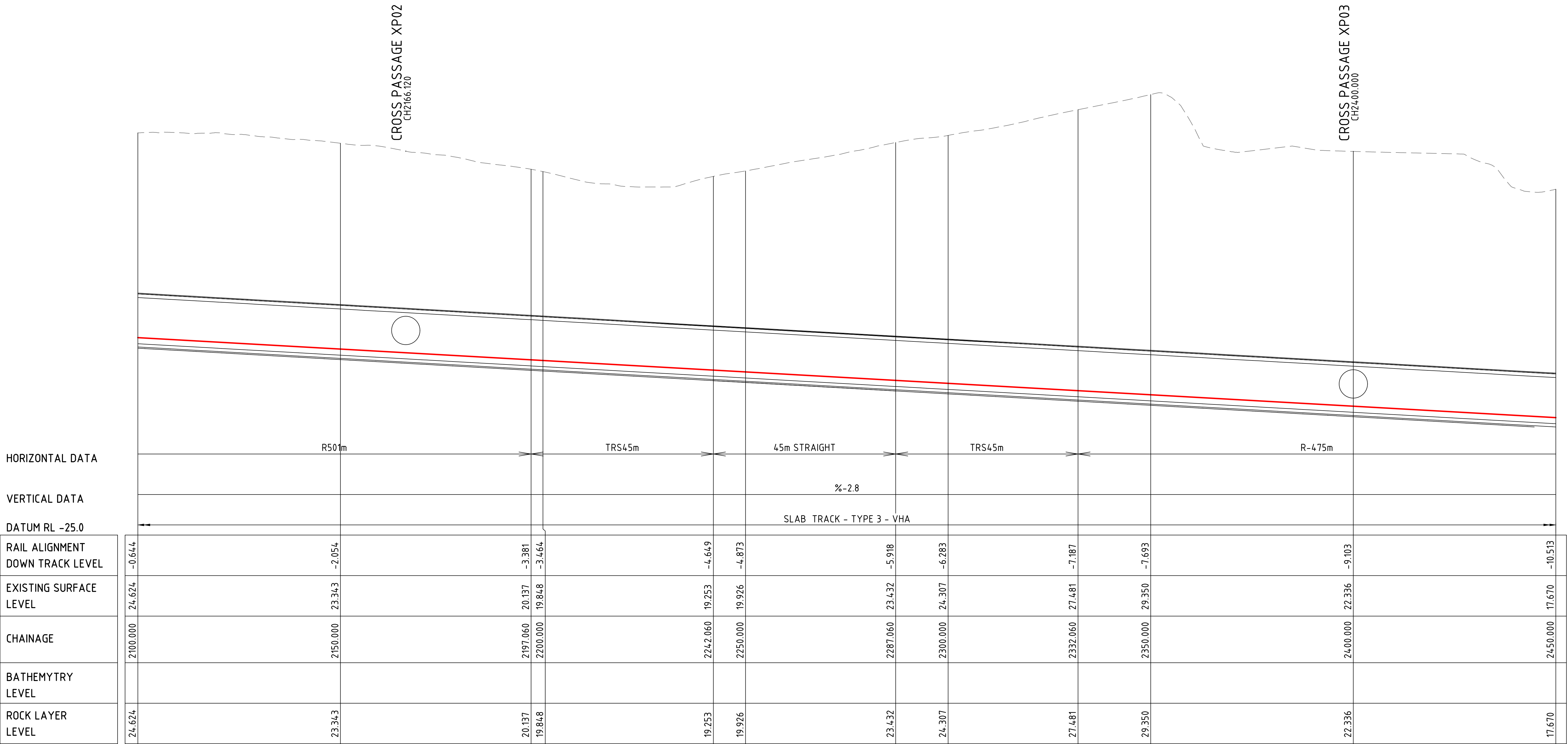
CRRDA Drg. No. CRR-0003-LS-GA-102

						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 3									
							Datum	BCSG02		CROSS RIVER RAIL														
								CHANGED PROJECT 9																
D	RFPC9	ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid			NOT TO SCALE	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.		
C	RFPC8	ISSUE		24.07.20			Height Origin				Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP		ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.		
B	RFPC7	ISSUE		08.05.20																Drawing No.		D		
A	RFPC4	ISSUE		24.04.19			Survey Books				Dimensions shown in metres except where shown otherwise									Series Number		of		
CAD FILES		CRR-0003-LS-GA-102.dwg			Certification	Date	Microfiled			Last Modified :- Oct 27, 2020 - 7:35PM					Through Chainage from					MRR_Detail (02/14)				



LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 4																							
						Datum	BCSG02		CROSS RIVER RAIL																												
D	RFPC9 ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																														
C	RFPC8 ISSUE		24.07.20			Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.																			
B	RFPC7 ISSUE		08.05.20				Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP						ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.																			
A	RFPC4 ISSUE		24.04.19			Survey Books	Dimensions shown in metres except where shown otherwise					Designed											Drawing No.	D													
Revisions/Descriptions																			Series Number		of																
CAD FILES		CRR-0003-LS-GA-103.dwg																			MRR_Detail (02/14)																
																						Last Modified :-		Oct 26, 2020 - 7:33PM		Through Chainage from											

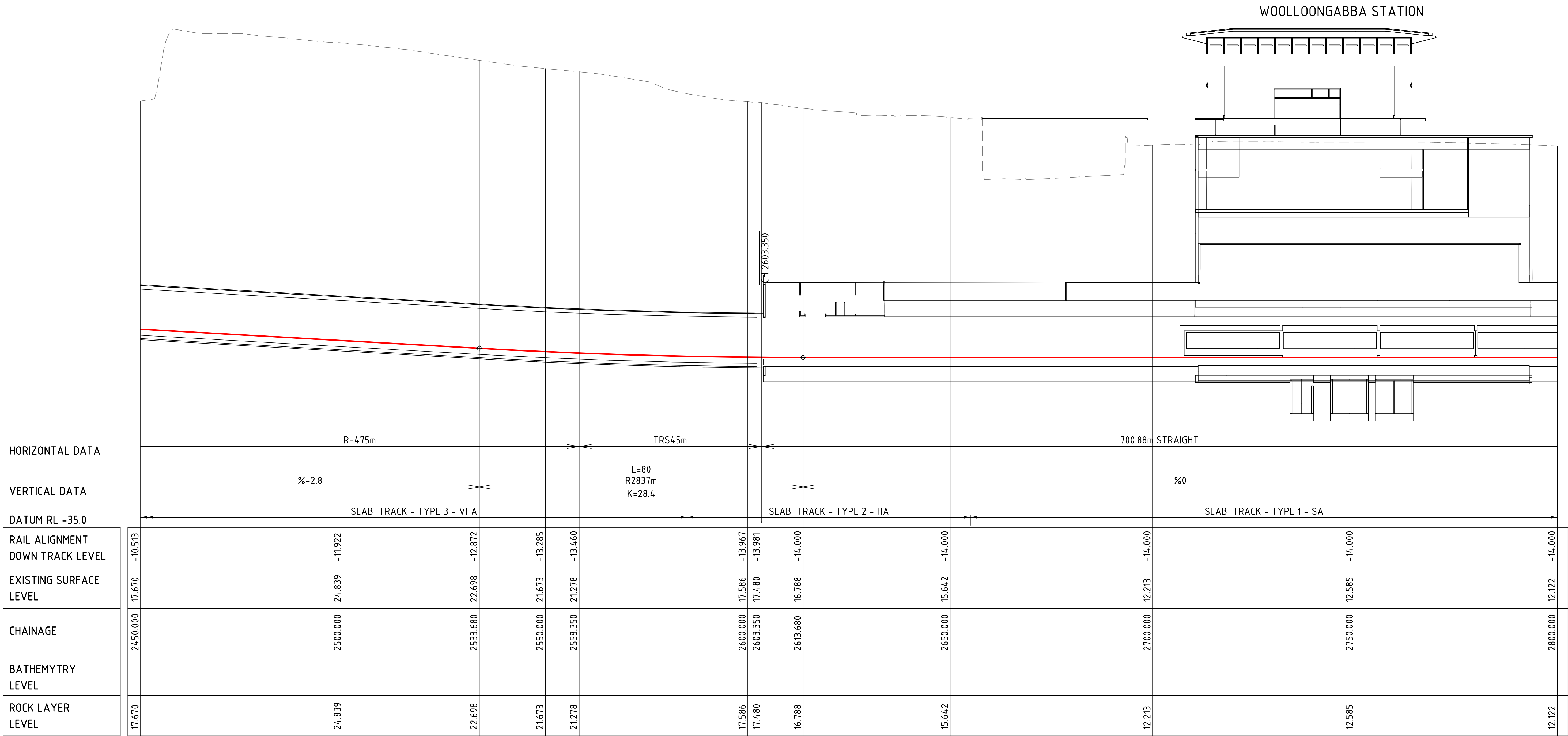


LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- - - BRISBANE RIVER BATHYMETRY
- - - ROCK LEVEL

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 5								
						Datum	BCSG02		CROSS RIVER RAIL													
D	RFPC9	ISSUE		30.10.20	Auxiliary Drg Nos	Horiz. Grid			CHANGED PROJECT 9													
C	RFPC8	ISSUE		24.07.20		Height Origin			Reference Points			Drawn	ENGINEERING CERTIFICATION (RPEQ)				Job No.					
B	RFPC7	ISSUE		08.05.20						Preceding RP	Dist. to start of job (km)		From start to end of job	From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract. No.	
A	RFPC4	ISSUE		24.04.19		Survey Books			Dimensions shown in metres except where shown otherwise			Designed							Drawing No.		D	
Revisions/Descriptions		Certification	Date	Microfiled														Series Number		of		
CAD FILES		CRR-0003-LS-GA-104.dwg						Last Modified :- Oct 27, 2020 - 7:35PM			Through Chainage from										MRR_Detail (02/14)	

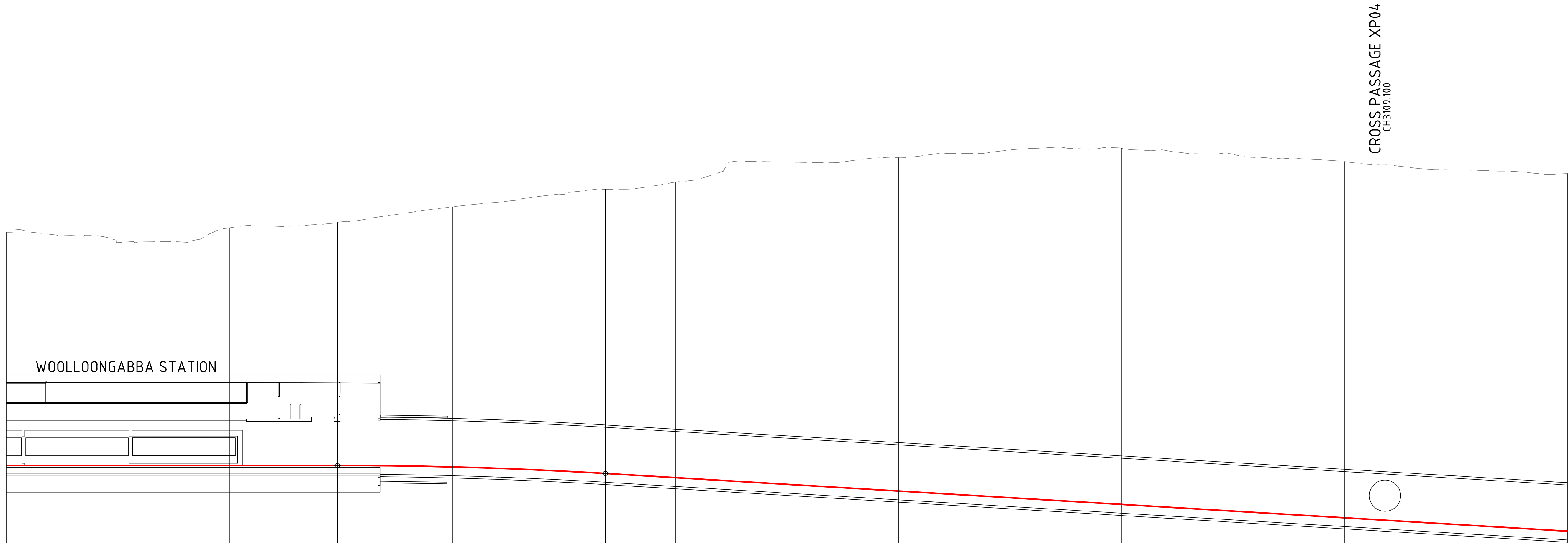


LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

										CRRDA Drg. No. CRR-0003-LS-GA-105															
					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 6											
						Datum	BCSG02		CROSS RIVER RAIL																
					Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																		
D RFPC9 ISSUE						30.10.20			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)						Job No.				
C RFPC8 ISSUE						24.07.20									ENG. AREA	NAME	SIGNATURE	NO.			DATE	Contract. No.			
B RFPC7 ISSUE						08.05.20			Preceding RP					Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	Designed							Drawing No.
A RFPC4 ISSUE					24.04.19		Height Origin															Series Number		of	
Revisions/Descriptions					Certification	Date	Microfiled	Survey Books	Dimensions shown in metres except where shown otherwise															MRR_Detail (02/14)	
CAD FILES		CRR-0003-LS-GA-105.dwg								Last Modified :- Oct 27, 2020 - 7:35PM					Through Chainage from										



CROSS PASSAGE XP04
CH3109.100

HORIZONTAL DATA

VERTICAL DATA

DATUM RL -36.0

RAIL ALIGNMENT DOWN TRACK LEVEL	-14.000	-14.000	-14.000	-14.165	-14.900	-15.372	-16.872	-18.372	-19.872	-21.372
EXISTING SURFACE LEVEL	12.122	12.656	13.266	15.013	16.979	17.785	20.520	21.591	20.083	18.736
CHAINAGE	2800.000	2850.000	2874.280	2900.000	2934.280	2950.000	3000.000	3050.000	3100.000	3150.000
BATHYMETRY LEVEL										
ROCK LAYER LEVEL	12.122	12.656	13.266	15.013	16.979	17.785	20.520	21.591	20.083	18.736

LONGITUDINAL SECTION MC01 (DOWN TRACK)

SCALE 1:500H
1:250V

LEGEND

EXISTING SURFACE LEVEL

PROPOSED LOW RAIL LEVEL

BRISBANE RIVER BATHYMETRY

ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-106

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -46.0

RAIL ALIGNMENT DOWN TRACK LEVEL	3150.000	3200.000	3250.000	3300.000	3304.225	3304.377	3350.000	3354.225	3400.000	3450.000	3500.000
EXISTING SURFACE LEVEL	18.736	18.680	18.679	18.419	18.453	18.446	18.311	18.192	19.027	21.406	25.237
CHAINAGE	3150.000	3200.000	3250.000	3300.000	3304.225	3304.377	3350.000	3354.225	3400.000	3450.000	3500.000
BATHYMETRY LEVEL											
ROCK LAYER LEVEL	18.736	18.680	18.679	18.419	18.453	18.446	18.311	18.192	19.027	21.406	25.237

LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

EXISTING SURFACE LEVEL

PROPOSED LOW RAIL LEVEL

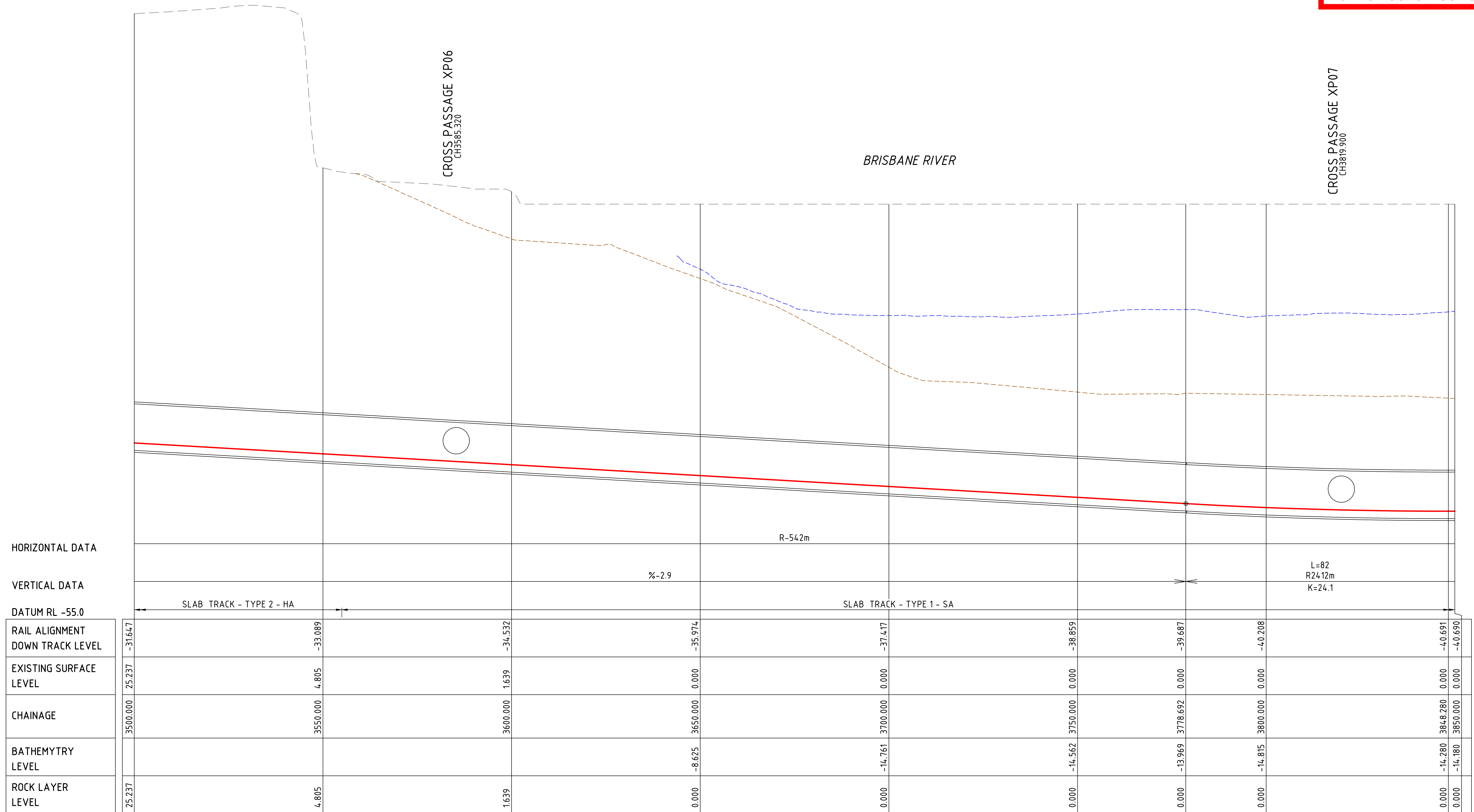
BRISBANE RIVER BATHYMETRY

ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-107

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 8										
						Datum	BCSG02		CROSS RIVER RAIL															
D	RFPC9 ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																	
C	RFPC8 ISSUE		24.07.20			Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.						
B	RFPC7 ISSUE		08.05.20				Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP						ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.						
A	RFPC4 ISSUE		24.04.19			Survey Books	Dimensions shown in metres except where shown otherwise					Designed												
Revisions/Descriptions			Certification	Date	Microfiled											Series Number of MRR_Detail (02/14)								
CAD FILES		CRR-0003-LS-GA-107.dwg								Last Modified :- Oct 27, 2020 - 7:36PM					Through Chainage from									

NOT FOR CONSTRUCTION



LONGITUDINAL SECTION MC01 (DOWN TRACK)

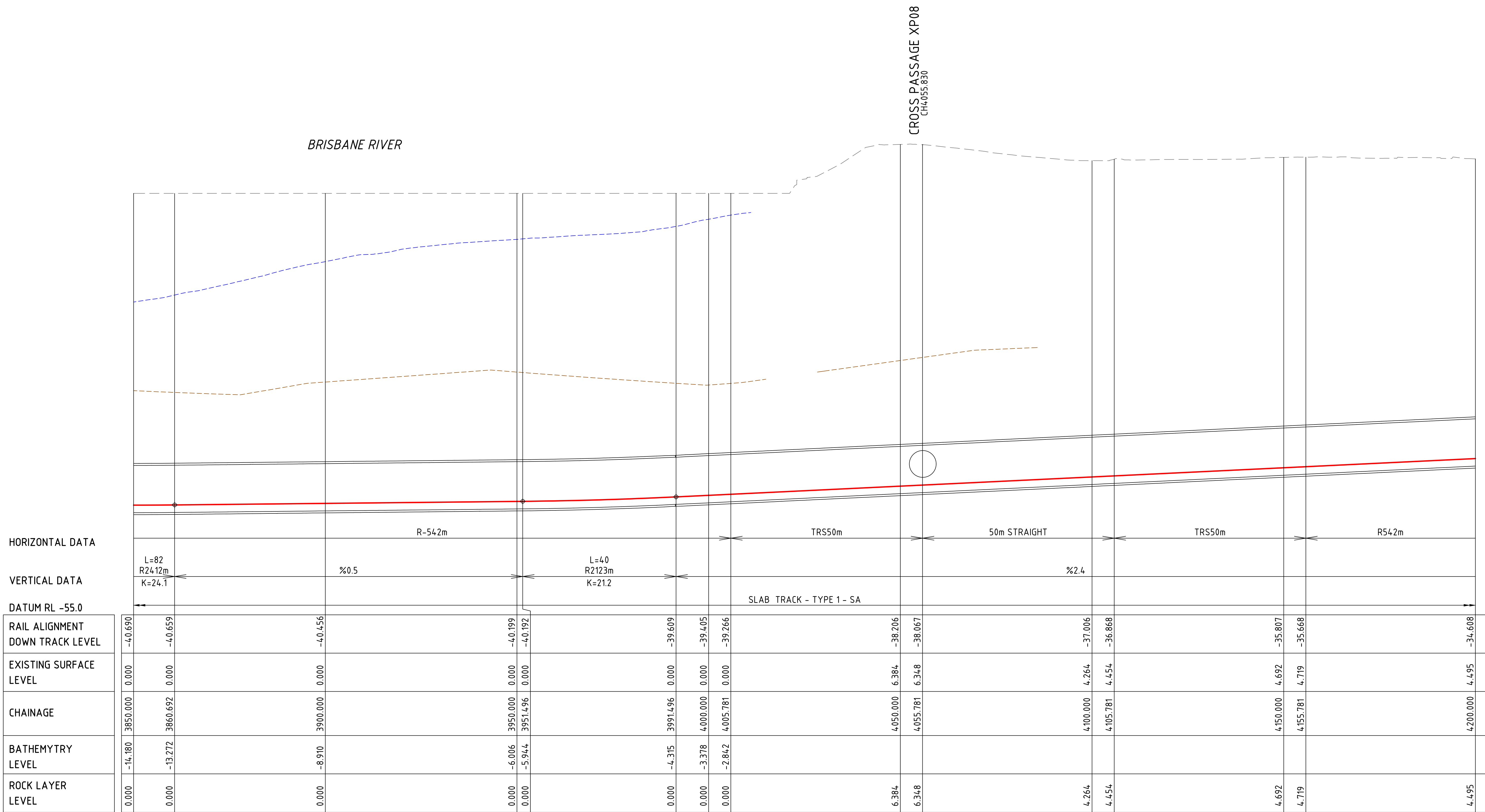
SCALE 1:500H
1:250V

LEGEND

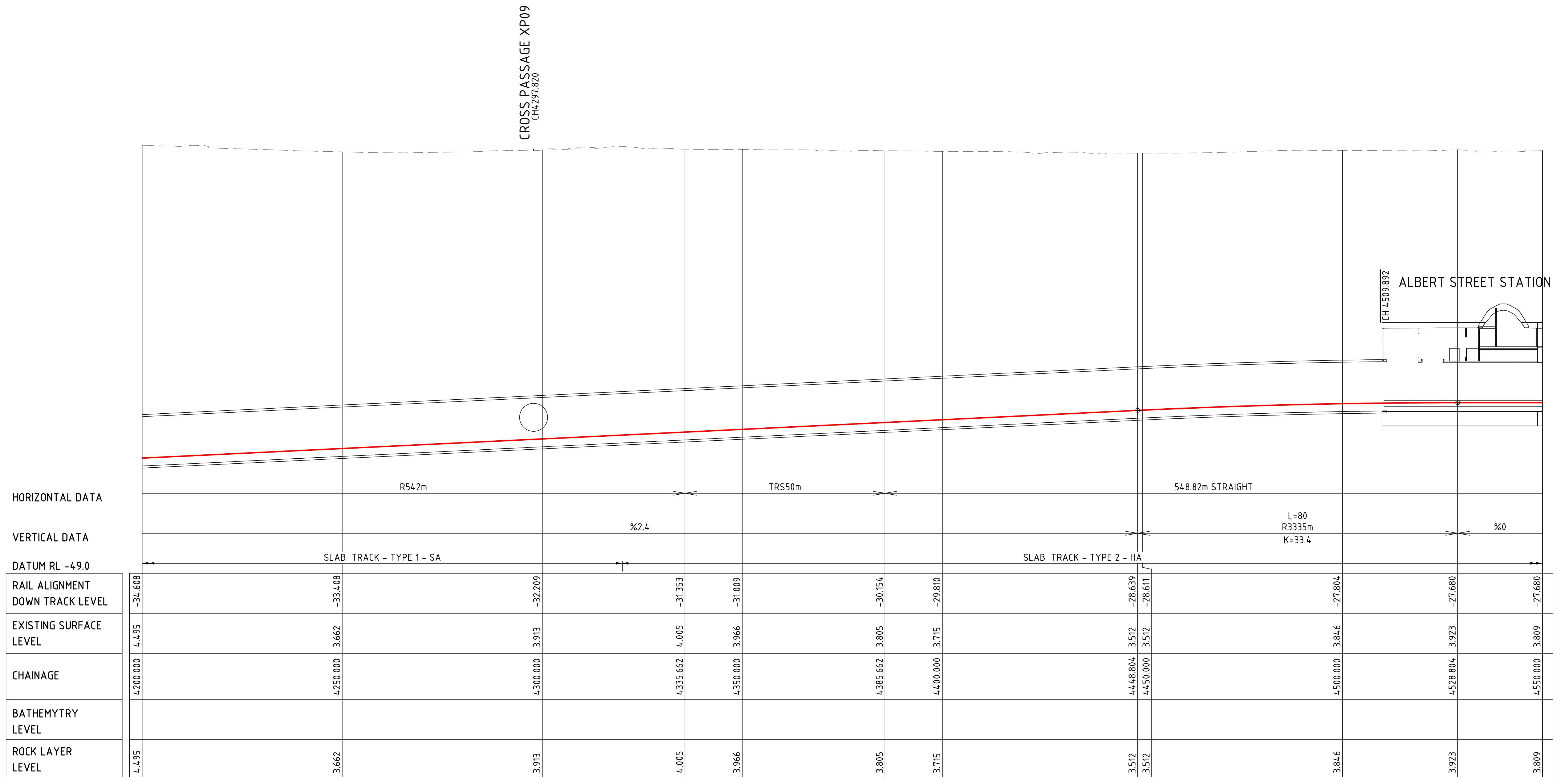
- - - - - EXISTING SURFACE LEVEL
 ————— PROPOSED LOW RAIL LEVEL
 - - - - - BRISBANE RIVER BATHYMETRY
 - - - - - ROCK LEVEL

CRRDA Drg. No.	CRR-0003-LS-GA-108
----------------	--------------------

				Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 9											
						Datum		BCSG02	CROSS RIVER RAIL															
D	RFPC9 ISSUE		30.10.20	Auxiliary Drg Nos	Horiz. Grid	NOT TO SCALE		CHANGED PROJECT 9																
C	RFPC8 ISSUE		24.07.20					Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.				
B	RFPC7 ISSUE		08.05.20						Survey Books	Dimensions shown in metres except where shown otherwise	Preceding RP	Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract. No.	Drawing No.	D
A	RFPC4 ISSUE		24.04.19																					
Revisions/Descriptions					Certification		Date	Microfiled		Through Chainage from										Series Number		of		MRR_Detail (02/14)
CAD FILES		CRR-0003-LS-GA-108.dwg		Last Modified :- Oct 27, 2020 - 7:36PM																				



						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 10						
							Datum	BCSG02		CROSS RIVER RAIL											
D RFPC9 ISSUE		30.10.20				Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9													
C RFPC8 ISSUE		24.07.20					Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.		
B RFPC7 ISSUE		08.05.20					Survey Books	Dimensions shown in metres except where shown otherwise		Preceding RP	Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract. No.
A RFPC4 ISSUE		24.04.19								Through Chainage from	Designed										
Revisions/Descriptions		Certification		Date		Microfiled		Last Modified :- Oct 27, 2020 - 7:36PM										Series Number		of	
CAD FILES		CRR-0003-LS-GA-109.dwg																		MRR_Detail (02/14)	



LONGITUDINAL SECTION MC01 (DOWN TRACK)

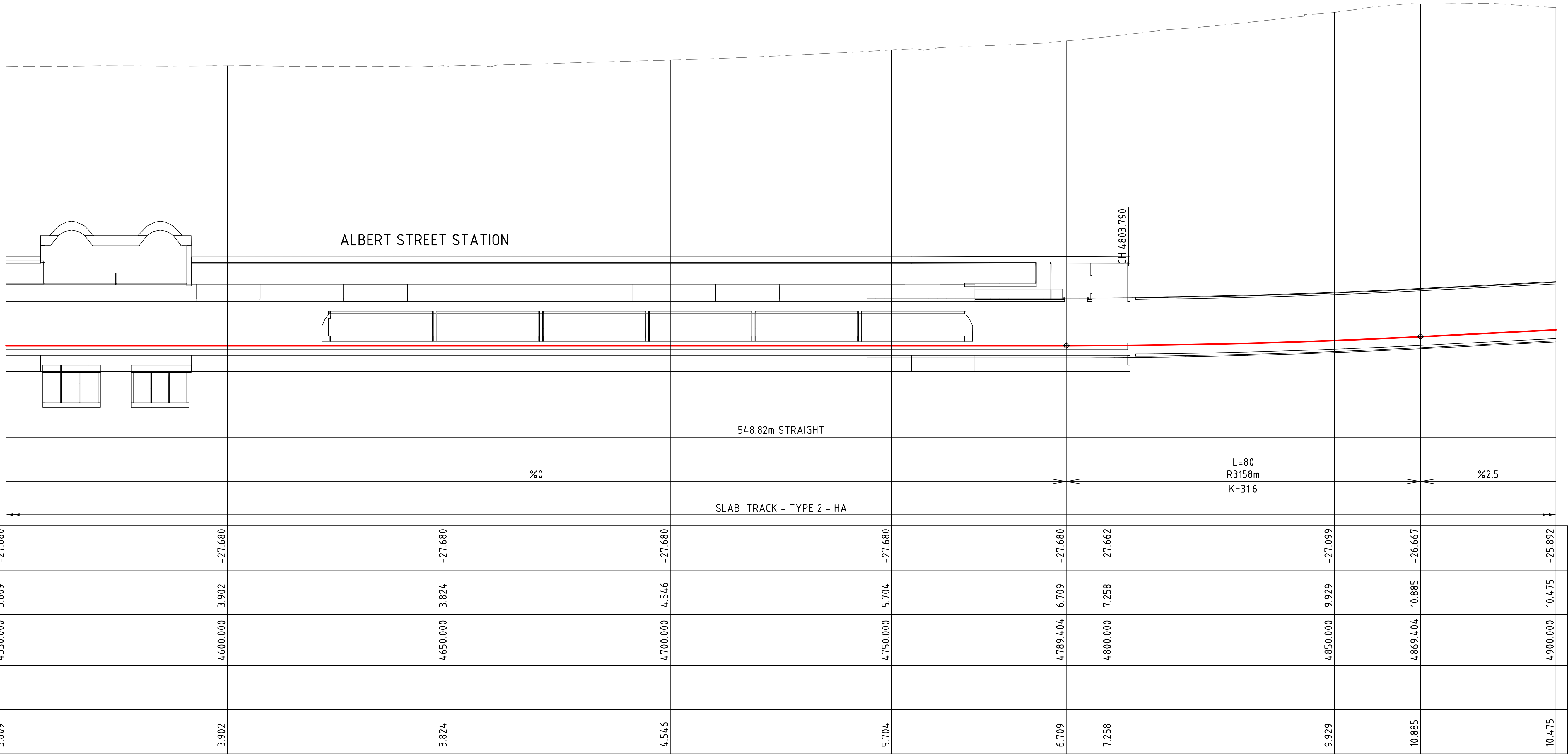
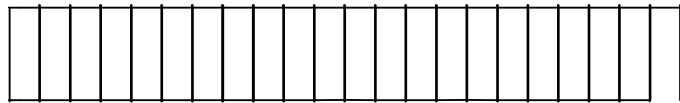
SCALE 1:500H
1:250V

LEGEND

---	EXISTING SURFACE LEVEL
—	PROPOSED LOW RAIL LEVEL
---	BRISBANE RIVER BATHYMETRY
---	ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-110

				Associated Job Nos		Survey Data		Scales		BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 11										
						Datum																BCSG02			
D RFP C9 ISSUE				30.10.20				NOT TO SCALE		Reference Points Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP					Drawn		ENGINEERING CERTIFICATION (RPEQ) ENG. AREA NAME SIGNATURE NO. DATE					Job No.			
C RFP C8 ISSUE				24.07.20																		Contract No.			
B RFP C7 ISSUE				08.05.20																		Drawing No.		D	
A RFP C4 ISSUE				24.04.19																		Series Number		of	
																								MRR_Detail (02/14)	
Revisions/Descriptions				Certification		Date		Microfiled		Dimensions shown in metres except where shown otherwise															
CAD FILES		CRR-0003-LS-GA-110.dwg									Last Modified :- Oct 27, 2020 - 7:36PM					Through Chainage from									

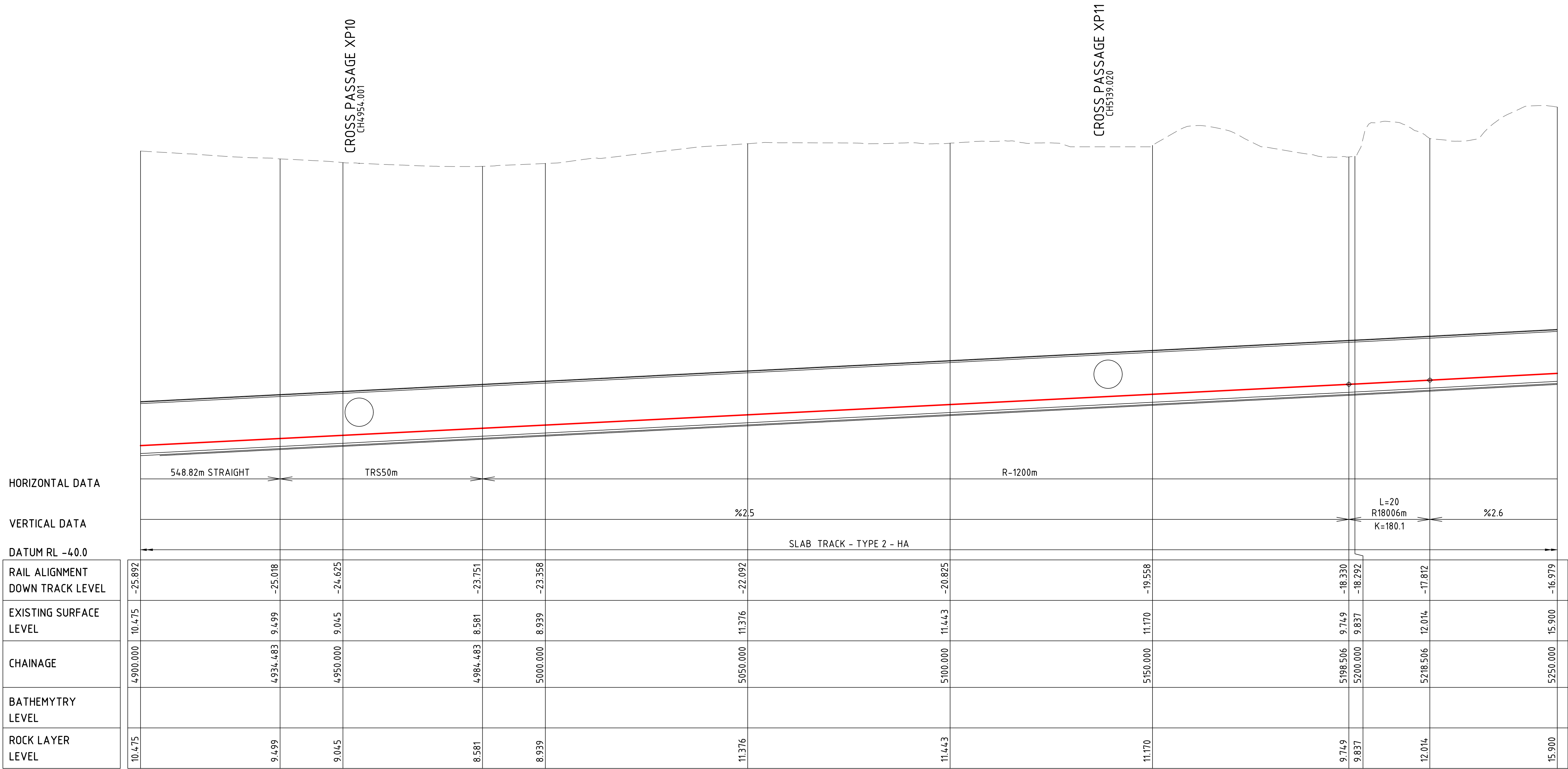


LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 12										
							Datum	BCSG02		CROSS RIVER RAIL															
D	RFPC9	ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid			CHANGED PROJECT 9															
C	RFPC8	ISSUE		24.07.20			Height Origin			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.				
B	RFPC7	ISSUE		08.05.20						Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP		ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.				
A	RFPC4	ISSUE		24.04.19			Survey Books		Dimensions shown in metres except where shown otherwise					Designed						Drawing No.		D			
Revisions/Descriptions				Certification	Date	Microfiled											Series Number					of			
CAD FILES		CRR-0003-LS-GA-111.dwg				Last Modified :- Oct 27, 2020 - 7:36PM					Through Chainage from										MRR_Detail (02/14)				



LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

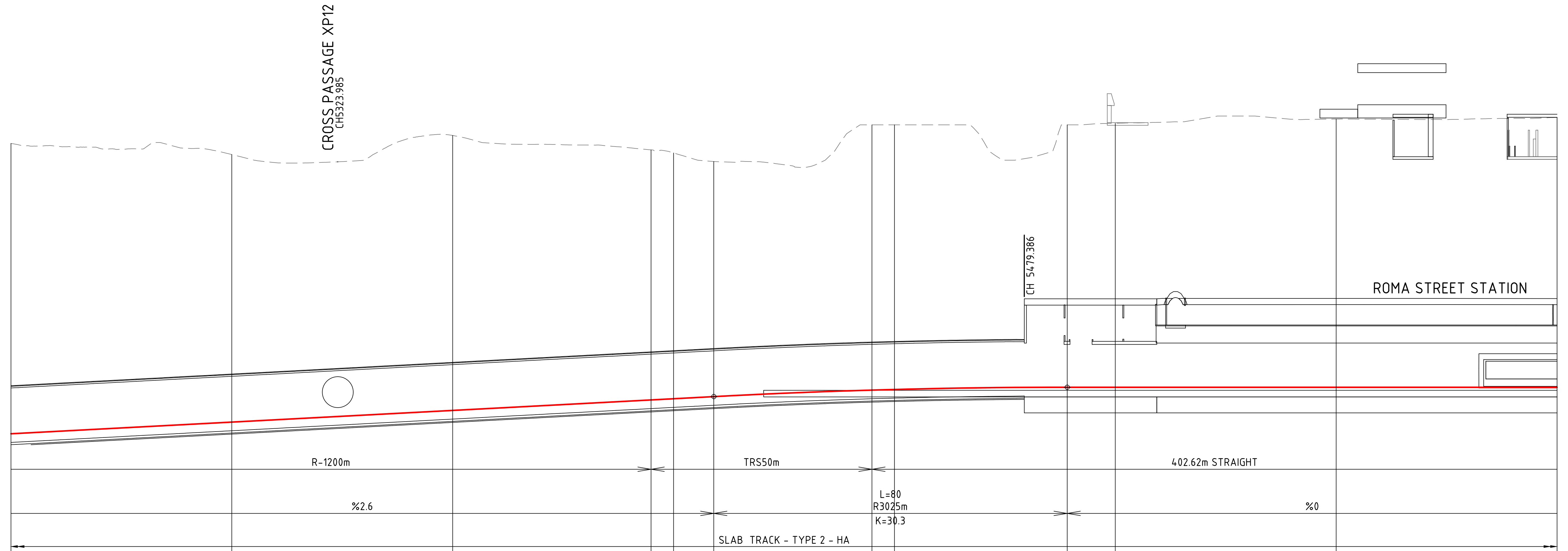
EXISTING SURFACE LEVEL

PROPOSED LOW RAIL LEVEL

BRISBANE RIVER BATHYMETRY

ROCK LEVEL

						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 13								
							Datum	BCSG02		CROSS RIVER RAIL													
								CHANGED PROJECT 9															
D	RFPC9 ISSUE		30.10.20			Auxiliary Drg Nos	Horiz. Grid			NOT TO SCALE	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.	
C	RFPC8 ISSUE		24.07.20				Height Origin				Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP		ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.	
B	RFPC7 ISSUE		08.05.20																		Drawing No.	D	
A	RFPC4 ISSUE		24.04.19				Survey Books				Dimensions shown in metres except where shown otherwise									Series Number		of	
Revisions/Descriptions			Certification		Date	Microfiled				Through Chainage from											MRR_Detail (02/14)		
CAD FILES		CRR-0003-LS-GA-112.dwg				Last Modified :- Oct 27, 2020 - 7:36PM																	



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -31.0

RAIL ALIGNMENT DOWN TRACK LEVEL	-16.979		-15.657			-14.335			-13.147	-13.012	-12.772			-12.037	-11.967			-11.714			-11.714			-11.714
EXISTING SURFACE LEVEL	15.900		14.642			16.801			15.168	14.823	13.852			18.000	18.000			18.000			18.657			18.842
CHAINAGE	5250.000		5300.000			5350.000			5394.912	5400.000	5409.101			5444.912	5450.000			5489.101			5550.000			5600.000
BATHEMYTRY LEVEL																								
ROCK LAYER LEVEL	15.900		14.642			16.801			15.168	14.823	13.852			18.000	18.000			18.000			18.657			18.842

LONGITUDINAL SECTION MC01 (DOWN TRACK)
SCALE 1:500H
1:250V

LEGEND

EXISTING SURFACE LEVEL

PROPOSED LOW RAIL LEVEL

BRISBANE RIVER BATHYMETRY

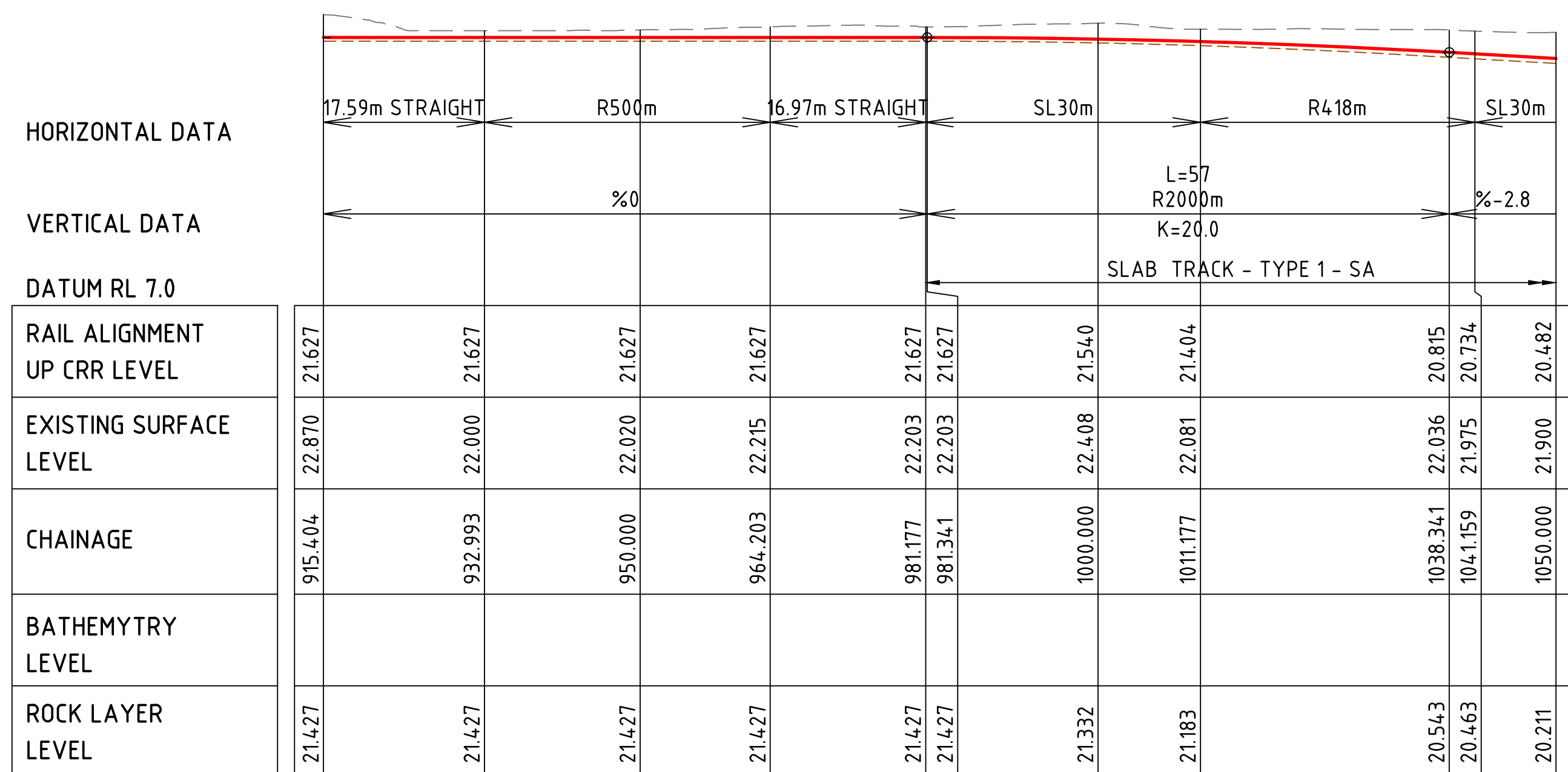
ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-113

						Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION DOWN CRR TRACK SHEET 14									
							Datum	BCSG02		CROSS RIVER RAIL														
							CHANGED PROJECT 9																	
D RFPC9 ISSUE		30.10.20					Auxiliary Drg Nos	Horiz. Grid		NOT TO SCALE		Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.	
C RFPC8 ISSUE		24.07.20						Height Origin				Preceding RP		Dist. to start of job (km)	From start to end of job	From end to Following RP		Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.
B RFPC7 ISSUE		08.05.20				Survey Books		Dimensions shown in metres except where shown otherwise														Drawing No.	D	
A RFPC4 ISSUE		24.04.19																		Series Number		of		
Revisions/Descriptions		Certification		Date		Microfiled				Last Modified :- Oct 27, 2020 - 7:36PM		Through Chainage from										MRR_Detail (02/14)		
CAD FILES		CRR-0003-LS-GA-113.dwg																						



DUTTON PARK STATION
PEDESTRIAN BRIDGE



LONGITUDINAL SECTION MC02 (UP TRACK)

SCALE 1:500H
1:250V

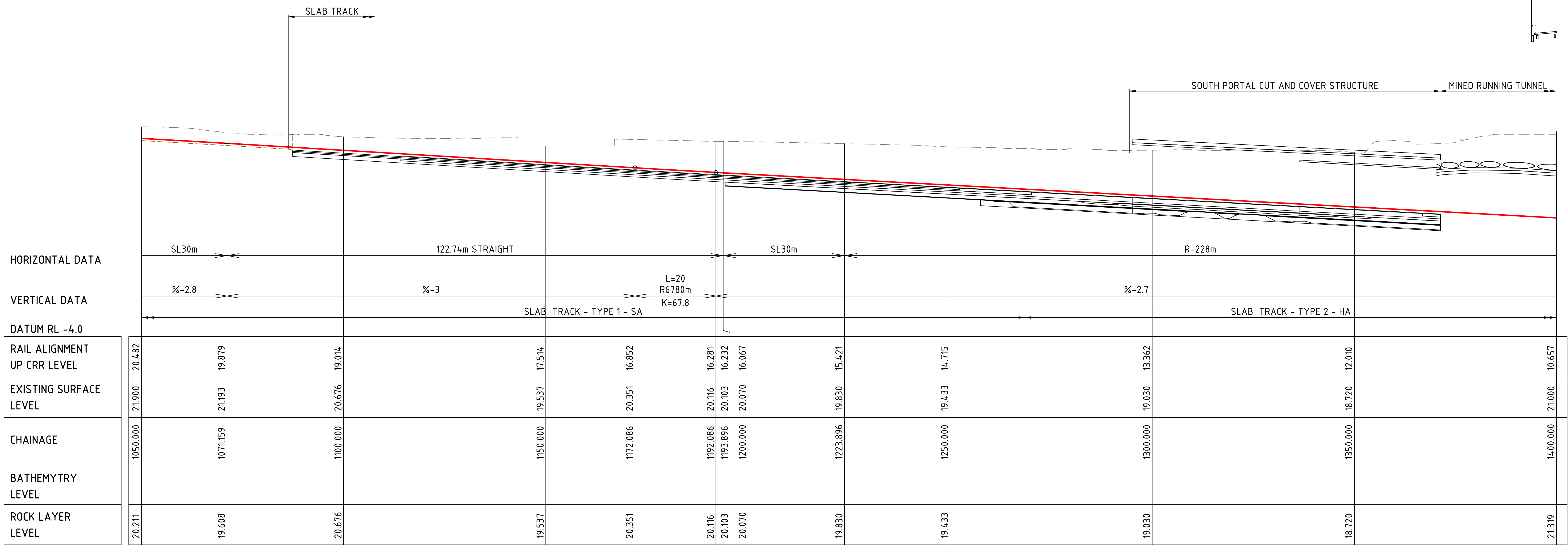
LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- - - BRISBANE RIVER BATHYMETRY
- - - ROCK LEVEL

CRRDA Drg. No.	CRR-0003-LS-GA-150
----------------	--------------------

				Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 1												
					Datum	BCSG02		CROSS RIVER RAIL																	
				Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																			
D RFPC9 ISSUE					Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.								
C RFPC8 ISSUE					Survey Books	Dimensions shown in metres except where shown otherwise		Preceding RP	Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.			DATE	Contract. No.				
B RFPC7 ISSUE							A RFPC4 ISSUE	Revisions/Descriptions					Certification	Date	Microfiled	Designed					Drawing No.	D			
CAD FILES		CRR-0003-LS-GA-150.dwg						Last Modified :-		Oct 27, 2020 - 7:36PM		Through Chainage from					Series Number					of		MRR_Detail (02/14)	

BOGGO ROAD PEDESTRIAN BRIDGE



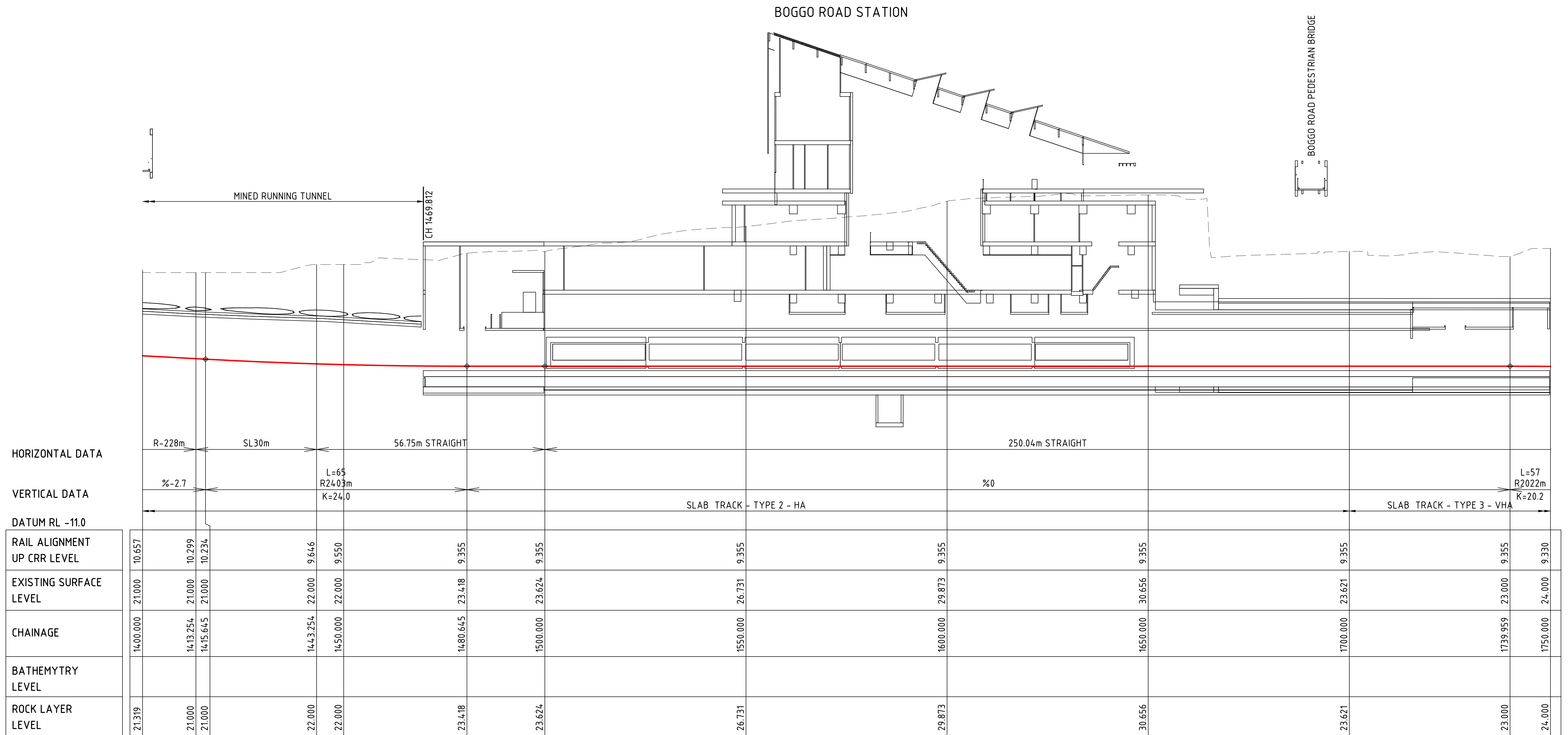
LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-151

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



LONGITUDINAL SECTION MC02 (UP TRACK)

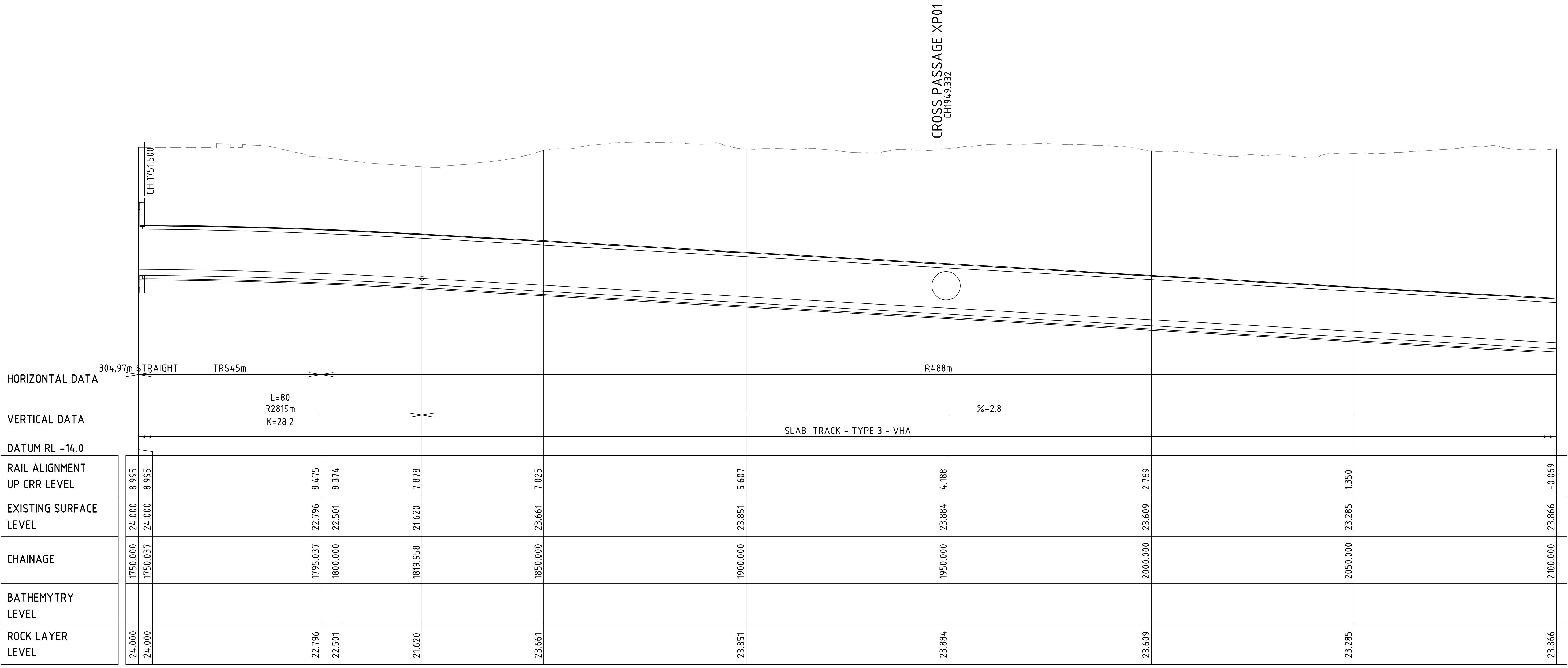
SCALE 1:500H
1:250V

LEGEND

---	EXISTING SURFACE LEVEL
—	PROPOSED LOW RAIL LEVEL
---	BRISBANE RIVER BATHYMETRY
---	ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-152

				Associated Job Nos		Survey Data		Scales NOT TO SCALE	BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 3															
						Datum BCSG02																							
D RFP C9 ISSUE				30.10.20		Auxiliary Drg Nos			Horiz. Grid							Drawn		ENGINEERING CERTIFICATION (RPEQ)					Job No.						
C RFP C8 ISSUE				24.07.20					Height Origin							PRECEDING DIST. FROM END FOLLOWING					ENG. AREA NAME SIGNATURE NO. DATE		Contract No.						
B RFP C7 ISSUE				08.05.20					Survey Books							DESIGNED										Drawing No.		D	
A RFP C4 ISSUE				24.04.19							Dimensions shown in metres except where shown otherwise															Series Number		of	
Revisions/Descriptions				Certification		Date		Microfilmed		Last Modified :- Oct 27, 2020 - 7:40PM					Through Chainage from										MRR_Detail (02/14)				
CAD FILES		CRR-0003-LS-GA-152.dwg																											



LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

										CRRDA Drg. No. CRR-0003-LS-GA-153														
					Associated Job Nos	Survey Data		Scales NOT TO SCALE	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 4										
						Datum	BCSG02		CROSS RIVER RAIL															
D RFPC9 ISSUE					Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																	
C RFPC8 ISSUE						Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)											
B RFPC7 ISSUE							Survey Books		Preceding RP	Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP	Designed	ENG. AREA	NAME	SIGNATURE	NO.	DATE				
A RFPC4 ISSUE						Dimensions shown in metres except where shown otherwise																		
Revisions/Descriptions					Certification	Date	Microfiled						Through Chainage from											
CAD FILES		CRR-0003-LS-GA-153.dwg			Last Modified :- Oct 27, 2020 - 7:40PM										MRR_Detail (02/14)									



LONGITUDINAL SECTION MC02 (UP TRACK)

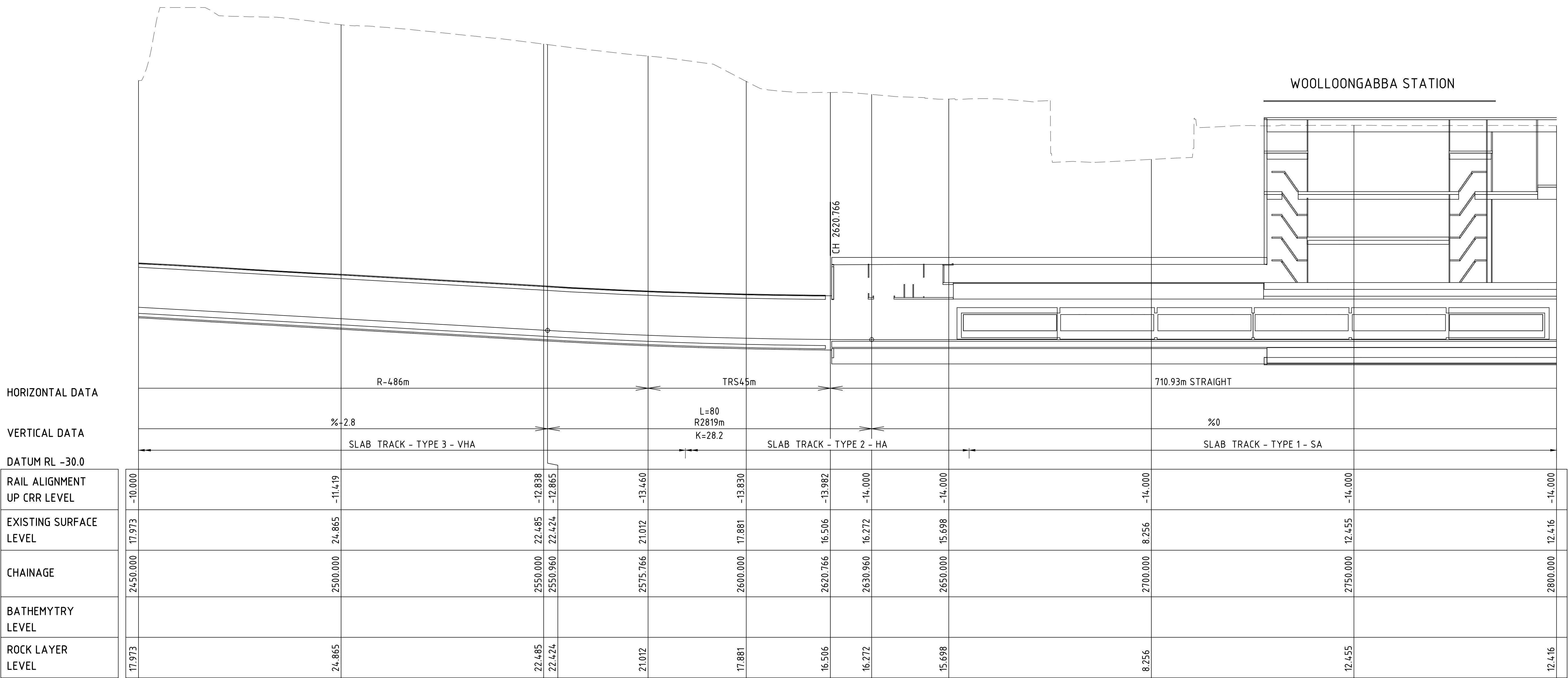
SCALE 1:500H
1:250V

LEGEND

---	EXISTING SURFACE LEVEL
—	PROPOSED LOW RAIL LEVEL
---	BRISBANE RIVER BATHYMETRY
---	ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-154

				Associated Job Nos		Survey Data		Scales		BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9				RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 5									
						Datum														BCSG02			
D RFP C9 ISSUE				30.10.20						NOT TO SCALE		Reference Points Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP				Drawn		ENGINEERING CERTIFICATION (RPEQ) ENG. AREA NAME SIGNATURE NO. DATE				Job No.	
C RFP C8 ISSUE				24.07.20				Contract No.															
B RFP C7 ISSUE				08.05.20				Drawing No.														D	
A RFP C4 ISSUE				24.04.19				Series Number														of	
Revisions/Descriptions				Certification		Date		Microfiled						MRR_Detail (02/14)									
CAD FILES		CRR-0003-LS-GA-154.dwg						Last Modified :- Oct 27, 2020 - 7:40PM		Through Chainage from													

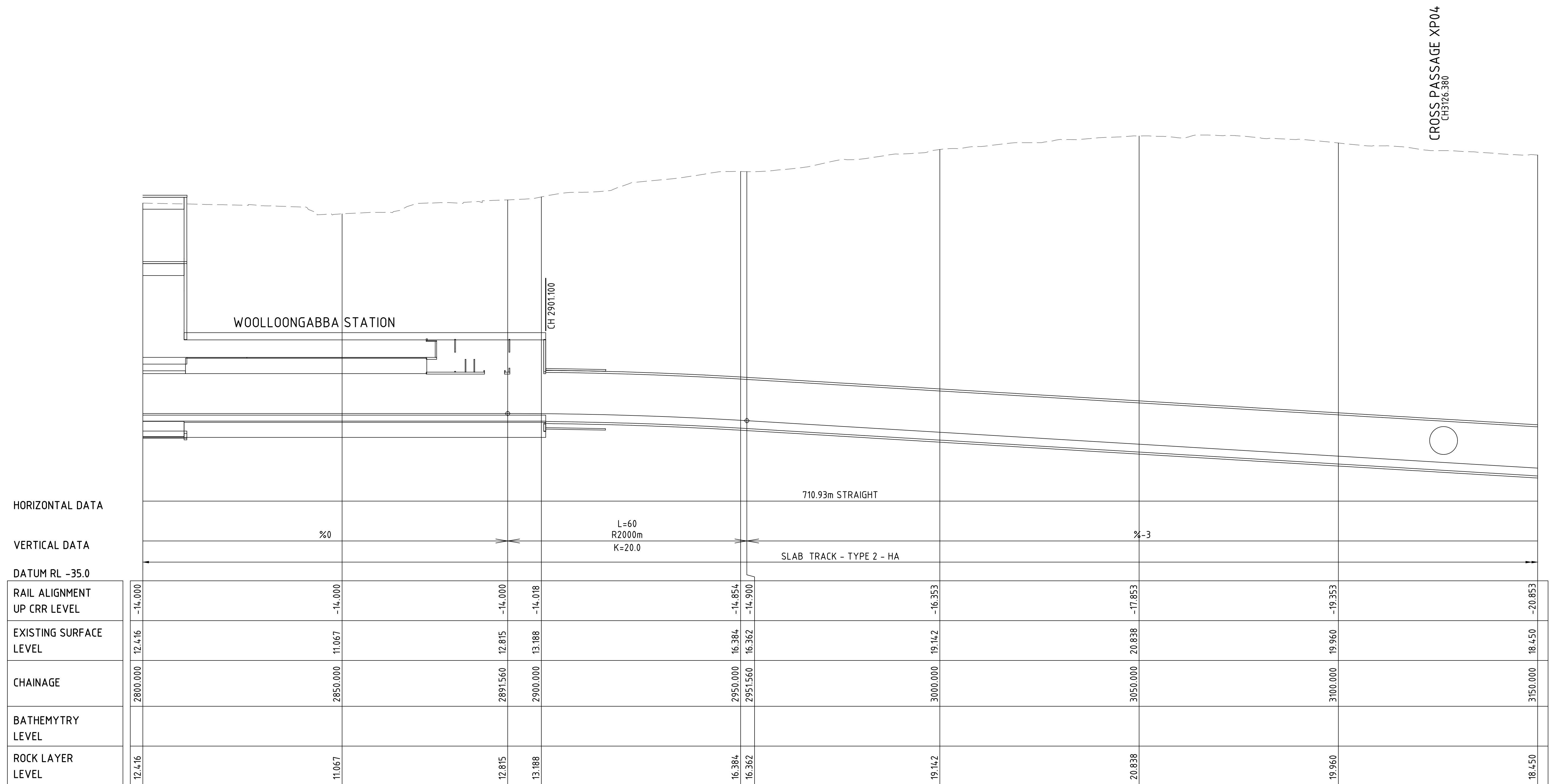


LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

										CRRDA Drg. No. CRR-0003-LS-GA-155																			
					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 6															
						Datum	BCSG02		CROSS RIVER RAIL																				
					Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																						
D RFPC9 ISSUE						30.10.20			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)						Job No.								
C RFPC8 ISSUE						24.07.20			Preceding RP						Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP			ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.			
B RFPC7 ISSUE						08.05.20			Height Origin					Designed							Drawing No.		D						
A RFPC4 ISSUE					24.04.19		Survey Books					Dimensions shown in metres except where shown otherwise										Series Number		of					
Revisions/Descriptions					Certification	Date	Microfiled						Through Chainage from										MRR_Detail (02/14)						
CAD FILES		CRR-0003-LS-GA-155.dwg								Last Modified :- Oct 27, 2020 - 7:40PM																			



LONGITUDINAL SECTION MC02 (UP TRACK)

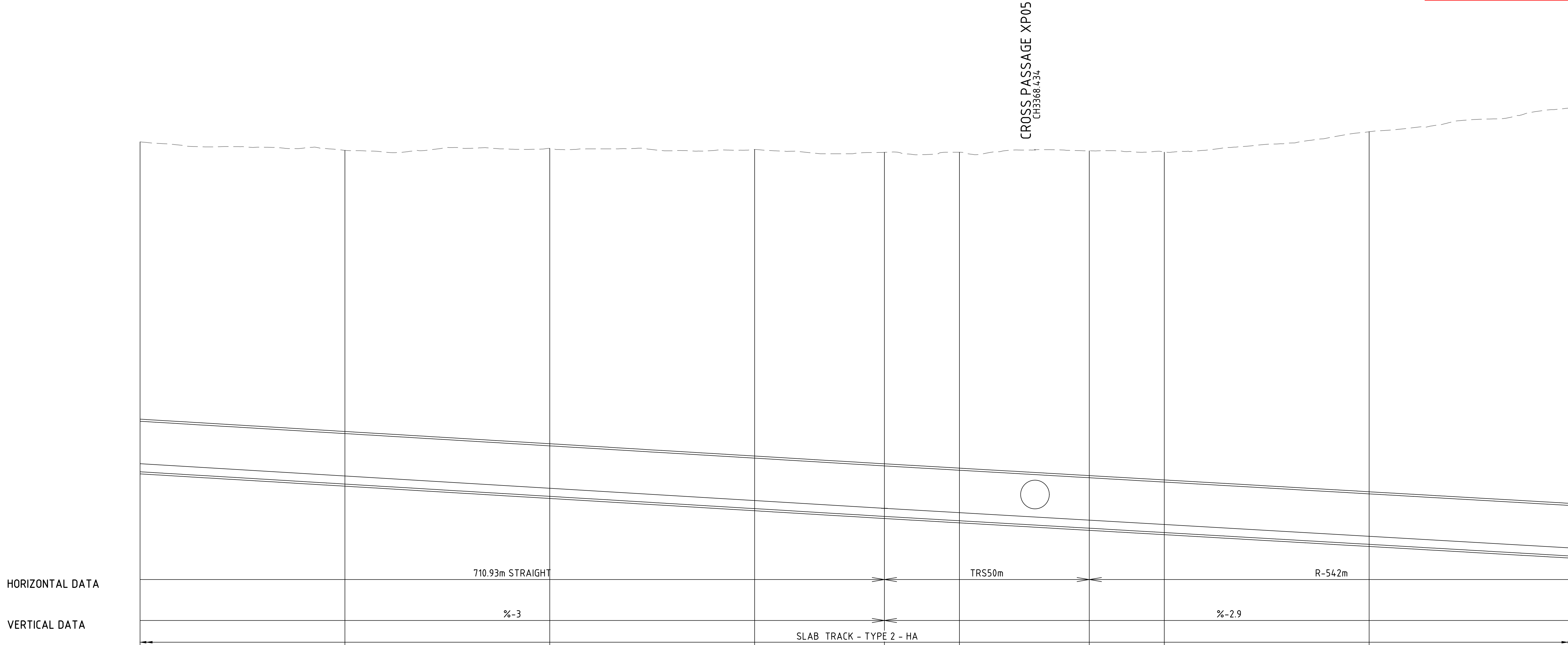
SCALE 1:500H
1:250V

LEGEND

---	EXISTING SURFACE LEVEL
—	PROPOSED LOW RAIL LEVEL
---	BRISBANE RIVER BATHYMETRY
---	ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-156

				Associated Job Nos		Survey Data		Scales		BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9				RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 7								
						Datum															BCSG02	
D RFP C9 ISSUE				30.10.20				NOT TO SCALE		Reference Points Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP				Drawn ENG. AREA NAME SIGNATURE NO. DATE		Job No.						
C RFP C8 ISSUE				24.07.20												Contract No.						
B RFP C7 ISSUE				08.05.20												Drawing No.		D				
A RFP C4 ISSUE				24.04.19												Series Number		of				
Revisions/Descriptions				Certification		Date		Microfilmed														
CAD FILES		CRR-0003-LS-GA-156.dwg								Through Chainage from												
										Last Modified :- Oct 27, 2020 - 7:40PM								MRR_Detail (02/14)				



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -45.0

RAIL ALIGNMENT UP CRR LEVEL	-20.853		-22.353	-23.853	-25.353	-26.304	-26.832	-27.746	-28.275	-29.717	-31.160
EXISTING SURFACE LEVEL	18.450	17.416	17.662	17.525	17.476	17.488	17.361	17.194	19.693	22.639	
CHAINAGE	3150.000	3200.000	3250.000	3300.000	3331.691	3350.000	3381.691	3400.000	3450.000	3500.000	
BATHYMETRY LEVEL											
ROCK LAYER LEVEL	18.450	17.416	17.662	17.525	17.476	17.488	17.361	17.194	19.693	22.639	

LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

EXISTING SURFACE LEVEL

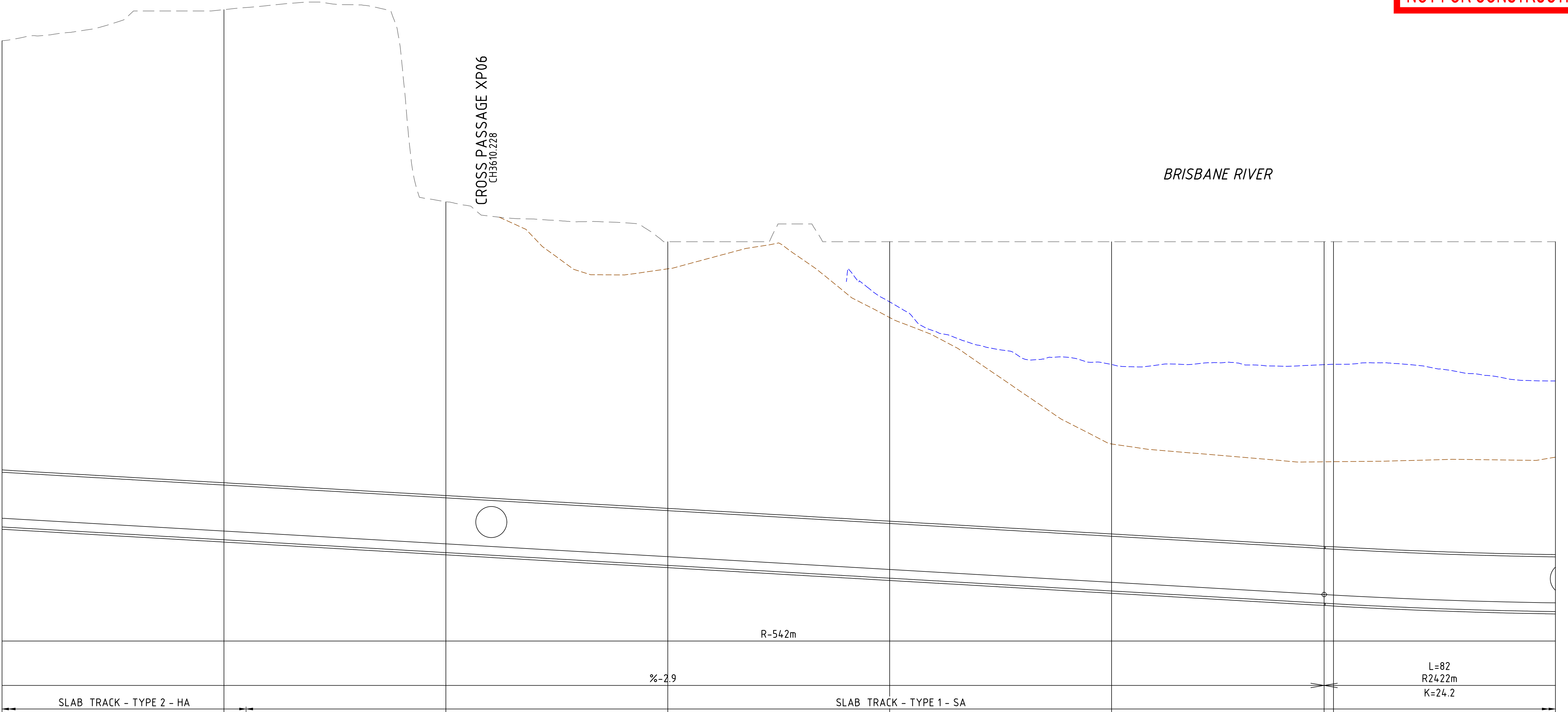
PROPOSED LOW RAIL LEVEL

BRISBANE RIVER BATHYMETRY

ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-157

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 8										
						Datum	BCSG02		CROSS RIVER RAIL															
					Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																	
D RFPC9 ISSUE						30.10.20	NOT TO SCALE		Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.				
C RFPC8 ISSUE						24.07.20			Height Origin	Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP		Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract. No.			
B RFPC7 ISSUE						08.05.20			Survey Books						Designed						Drawing No.		D	
A RFPC4 ISSUE					24.04.19	Dimensions shown in metres except where shown otherwise										Series Number		of						
Revisions/Descriptions					Certification	Date	Microfiled	Last Modified :- Oct 27, 2020 - 7:40PM					Through Chainage from					MRR Detail (02/14)						
CAD FILES					CRR-0003-LS-GA-157.dwg																			



LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

										CRRDA Drg. No. CRR-0003-LS-GA-158																	
					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 9													
						Datum	BCSG02		CROSS RIVER RAIL																		
					Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9																				
D RFPC9 ISSUE						30.10.20			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.							
C RFPC8 ISSUE						24.07.20			Preceding RP						Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract. No.			
B RFPC7 ISSUE						08.05.20			Height Origin					Designed						Drawing No.		D					
A RFPC4 ISSUE					24.04.19		Survey Books					Dimensions shown in metres except where shown otherwise										Series Number		of			
Revisions/Descriptions					Certification	Date	Microfiled							Through Chainage from										MRR_Detail (02/14)			
CAD FILES		CRR-0003-LS-GA-158.dwg			Last Modified :- Oct 27, 2020 - 7:40PM																						

CROSS PASSAGE XP07
CH3852.333

BRISBANE RIVER

CROSS PASSAGE XP08
CH4094.283

HORIZONTAL DATA

VERTICAL DATA

DATUM RL -55.0

RAIL ALIGNMENT UP CRR LEVEL	-40.696	-40.762	-40.731	-40.631	-40.381	-40.164	-40.120	-39.578	-39.577	-39.170	-38.359	-37.951	-36.980	-36.732	-35.761	-35.512
EXISTING SURFACE LEVEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.239	6.386	4.737	4.556	5.046	4.875
CHAINAGE	3850.000	3867.770	3879.882	3900.000	3950.000	3993.324	4000.000	4033.247	4033.324	4050.000	4083.247	4100.000	4139.813	4150.000	4189.813	4200.000
BATHYMETRY LEVEL	-15.687	-15.626	-15.334	-14.739	-9.185	-6.167	-6.002	-4.791	-4.786	-3.264						
ROCK LAYER LEVEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.239	6.386	4.737	4.556	5.046	4.875

LONGITUDINAL SECTION MC02 (UP TRACK)

SCALE 1:500H
1:250V

LEGEND

EXISTING SURFACE LEVEL

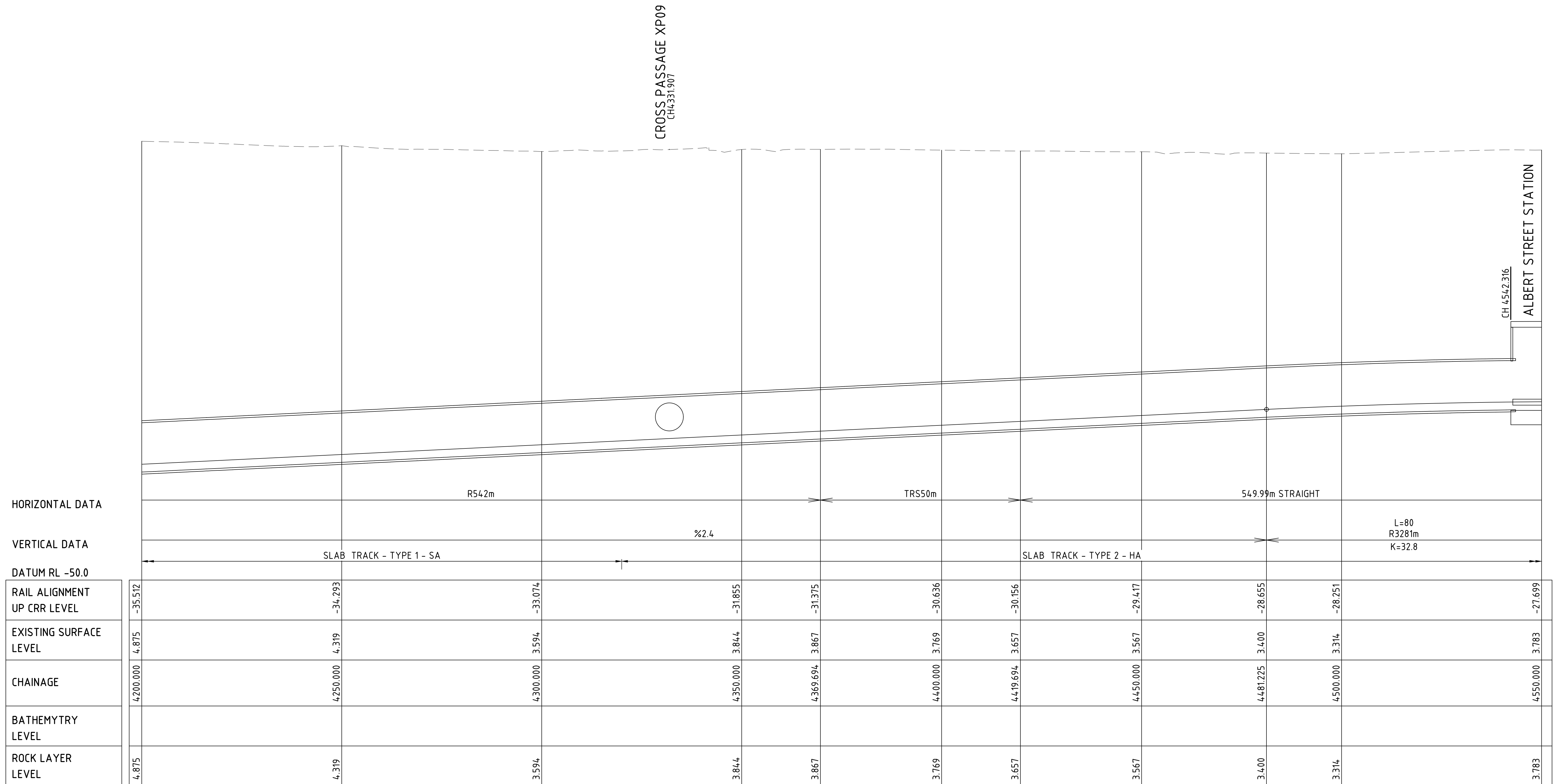
PROPOSED LOW RAIL LEVEL

BRISBANE RIVER BATHYMETRY

ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-159

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 10								
						Datum	BCSG02		CROSS RIVER RAIL													
D	RFPC9 ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid			CHANGED PROJECT 9													
C	RFPC8 ISSUE		24.07.20			Height Origin			Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.		
B	RFPC7 ISSUE		08.05.20						Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP		ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.		
A	RFPC4 ISSUE		24.04.19			Survey Books													Drawing No.	D		
Revisions/Descriptions							Dimensions shown in metres except where shown otherwise					Designed						Series Number		of		
CAD FILES		CRR-0003-LS-GA-159.dwg					Last Modified :- Oct 27, 2020 - 7:41PM			Through Chainage from											MRR_Detail (02/14)	



LONGITUDINAL SECTION MC02 (UP TRACK)

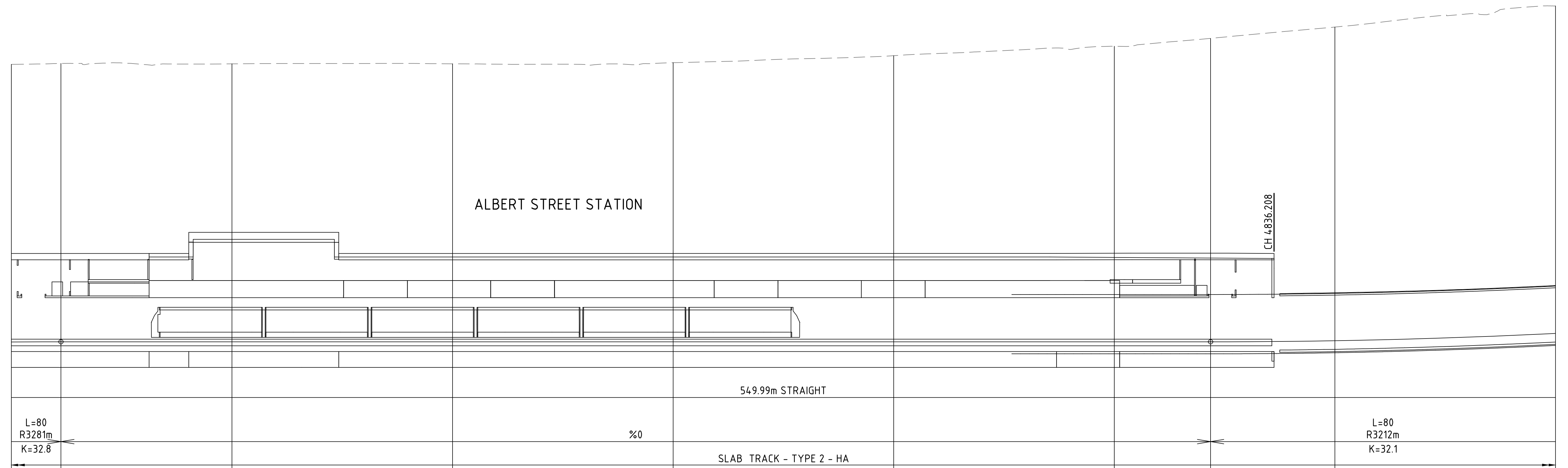
SCALE 1:500H
1:250V

LEGEND

- - - - - EXISTING SURFACE LEVEL
 ——— PROPOSED LOW RAIL LEVEL
 - - - - - BRISBANE RIVER BATHYMETRY
 - - - - - ROCK LEVEL

CRRDA Drg. No.	CRR-0003-LS-GA-160
----------------	--------------------

				Associated Job Nos		Survey Data		Scales		BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 11										
						Datum																BCSG02			
				Auxiliary Drg Nos		Horiz. Grid																			
						Height Origin																			
D RFPC9 ISSUE				30.10.20				NOT TO SCALE		Reference Points Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP					Drawn		ENGINEERING CERTIFICATION (RPEQ) ENG. AREA NAME SIGNATURE NO. DATE					Job No.			
C RFPC8 ISSUE				24.07.20																		Contract. No.			
B RFPC7 ISSUE				08.05.20																		Drawing No.		D	
A RFPC4 ISSUE				24.04.19																		Series Number		of	
Revisions/Descriptions				Certification		Date		Microfilied		Dimensions shown in metres except where shown otherwise					Designed							MRR_Detail (02/14)			
CAD FILES		CRR-0003-LS-GA-160.dwg						Last Modified :- Oct 27, 2020 - 7:41PM		Through Chainage from															



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -44.0

[illegible]

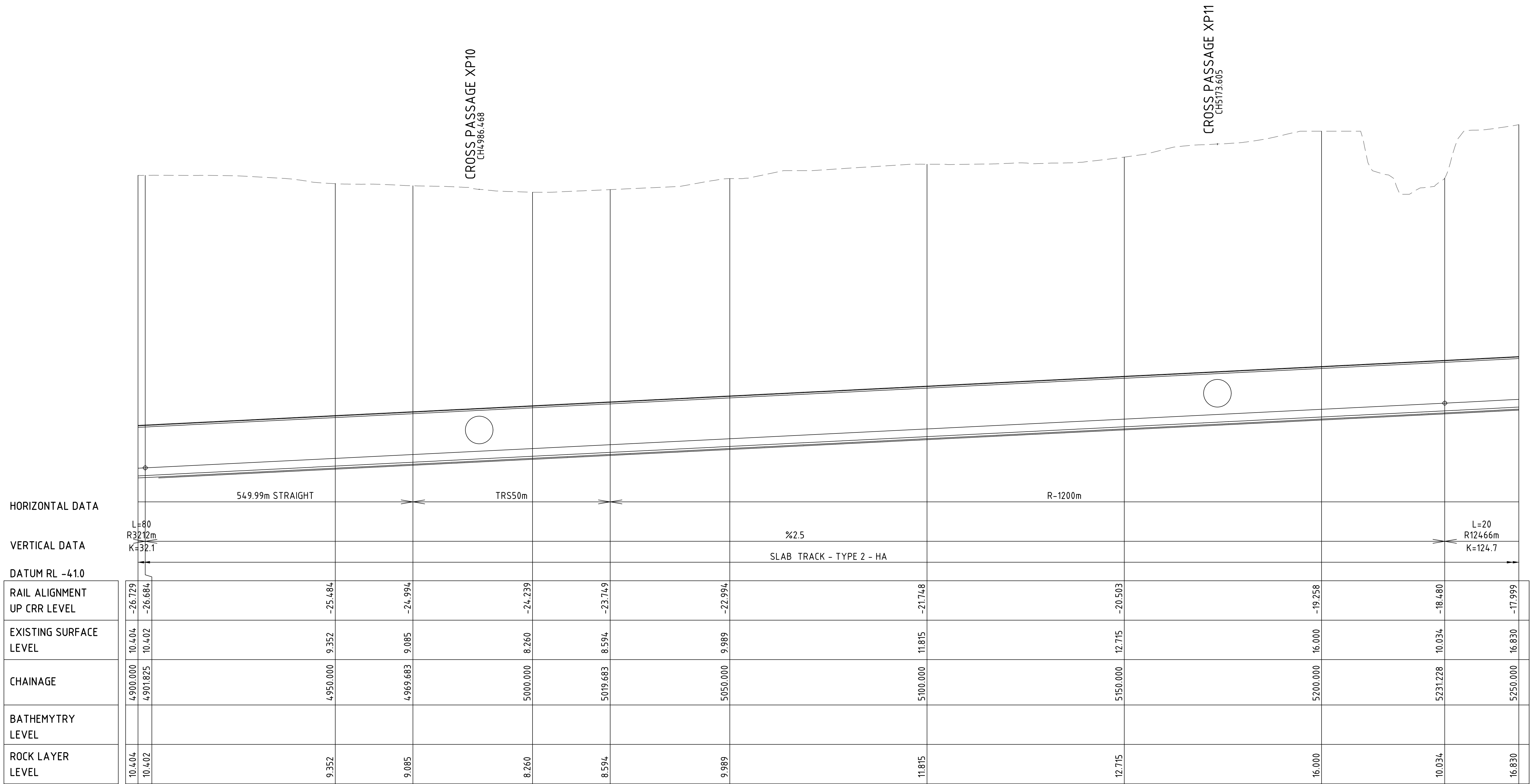
LONGITUDINAL SECTION MC02 (UP TRACK)

SCALE 1:500H
1:250V

LEGEND

— — — — —	EXISTING SURFACE LEVEL
—————	PROPOSED LOW RAIL LEVEL
- - - - -	BRISBANE RIVER BATHYMETRY
- - - - -	ROCK LEVEL

[illegible]



LONGITUDINAL SECTION MC02 (UP TRACK)
SCALE 1:500H
1:250V

LEGEND

- EXISTING SURFACE LEVEL
- PROPOSED LOW RAIL LEVEL
- BRISBANE RIVER BATHYMETRY
- ROCK LEVEL

					Associated Job Nos	Survey Data		Scales	BRISBANE CITY					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 13								
						Datum	BCSG02		CROSS RIVER RAIL													
D	RFPC9 ISSUE		30.10.20		Auxiliary Drg Nos	Horiz. Grid	CHANGED PROJECT 9															
C	RFPC8 ISSUE		24.07.20			Height Origin	Reference Points					Drawn	ENGINEERING CERTIFICATION (RPEQ)					Job No.				
B	RFPC7 ISSUE		08.05.20			Survey Books	Dimensions shown in metres except where shown otherwise		Preceding RP	Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP	ENG. AREA	NAME	SIGNATURE	NO.	DATE	Contract No.		
A	RFPC4 ISSUE		24.04.19																		Drawing No.	
Revisions/Descriptions			Certification	Date	Microfiled	Through Chainage from								Designed						Series Number		of
CAD FILES	CRR-0003-LS-GA-162.dwg				Last Modified :- Oct 27, 2020 - 7:41PM																MRR_Detail (02/14)	



LONGITUDINAL SECTION MC02 (UP TRACK)

SCALE 1:500H
1:250V

LEGEND

---	EXISTING SURFACE LEVEL
—	PROPOSED LOW RAIL LEVEL
---	BRISBANE RIVER BATHYMETRY
---	ROCK LEVEL

CRRDA Drg. No. CRR-0003-LS-GA-163

				Associated Job Nos		Survey Data		Scales		BRISBANE CITY CROSS RIVER RAIL CHANGED PROJECT 9					RAIL ALIGNMENT LONG SECTION UP CRR TRACK SHEET 14														
						Datum																BCSG02							
D RFP C9 ISSUE				30.10.20				NOT TO SCALE		Reference Points Preceding RP Dist. to start of job (km) From start to end of job From end to Following RP Following RP					Drawn		ENGINEERING CERTIFICATION (RPEQ) ENG. AREA NAME SIGNATURE NO. DATE					Job No.							
C RFP C8 ISSUE				24.07.20																		Horiz. Grid				Contract No.			
B RFP C7 ISSUE				08.05.20																		Height Origin				Drawing No.		D	
A RFP C4 ISSUE				24.04.19																		Survey Books				Series Number		of	
Revisions/Descriptions				Certification		Date		Microfilmed		Dimensions shown in metres except where shown otherwise					Through Chainage from					MRR_Detail (02/14)									
CAD FILES		CRR-0003-LS-GA-163.dwg								Last Modified :- Oct 27, 2020 - 7:39PM																			