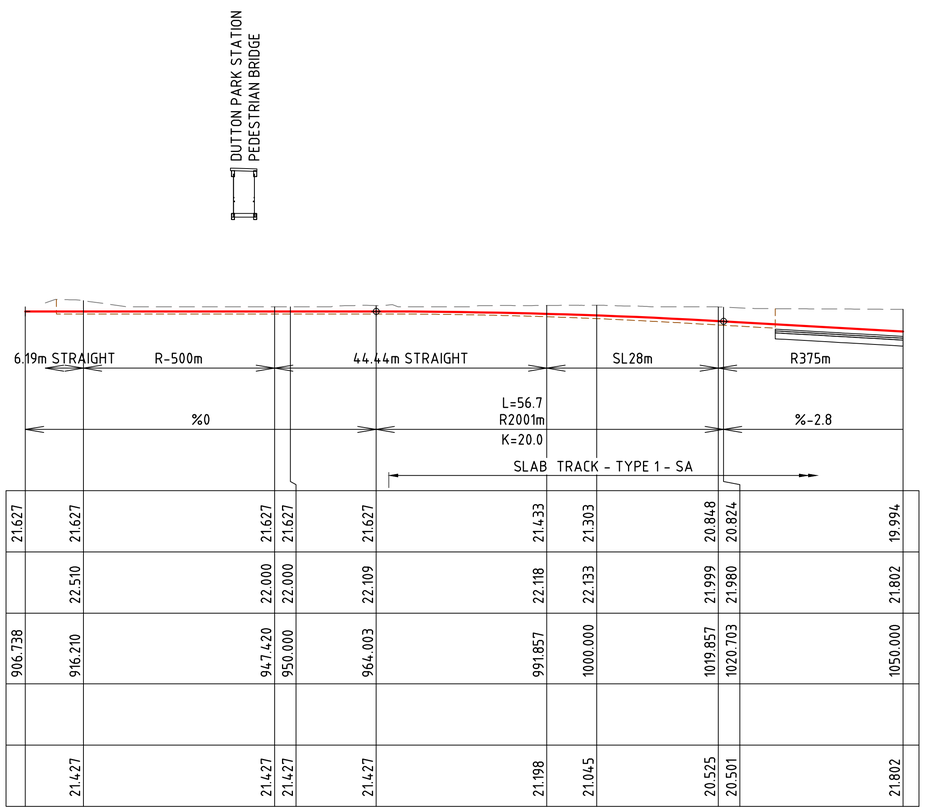
NOT FOR CONSTRUCTION



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-100

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 1

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

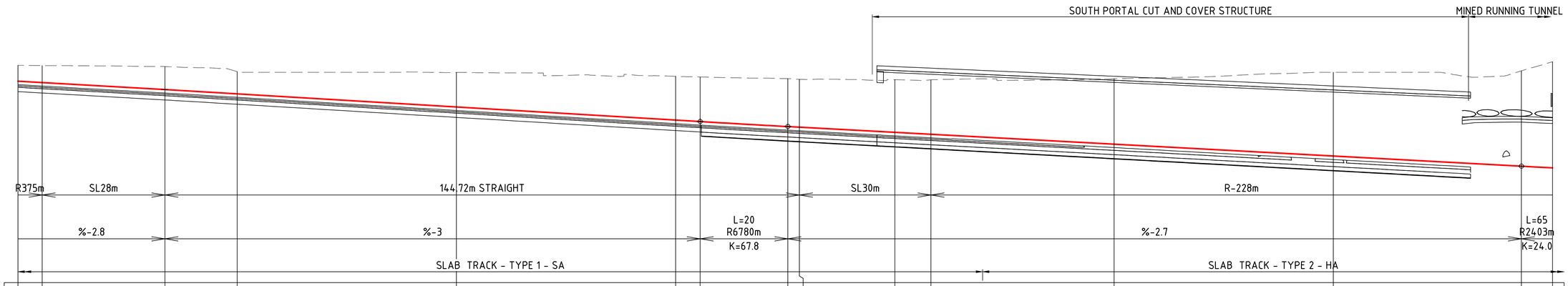
Job No.
Contract. No.
Drawing No. B
Series Number of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-100.dwg

Last Modified :- May 07, 2020 - 11:34PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -3.0

RAIL ALIGNMENT DOWN TRACK LEVEL	19.994	19.837	19.044	18.550	17.050	15.550	15.382	14.812	14.740	14.151	13.928	12.799	11.446	10.286	10.104
EXISTING SURFACE LEVEL	21.802	21.776	21.663	21.086	20.992	20.546	20.470	20.283	20.203	20.167	20.150	20.265	21.000	21.163	22.212
CHAINAGE	1050.000	1055.522	1083.522	1100.000	1150.000	1200.000	1205.593	1225.593	1228.239	1250.000	1258.239	1300.000	1350.000	1392.905	1400.000
BATHEMYTRY LEVEL															
ROCK LAYER LEVEL	21.802	21.776	21.663	21.086	20.992	20.546	20.470	20.283	20.203	20.167	20.150	20.265	21.000	21.163	22.212

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-101

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-101.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 2

Drawn

Designed

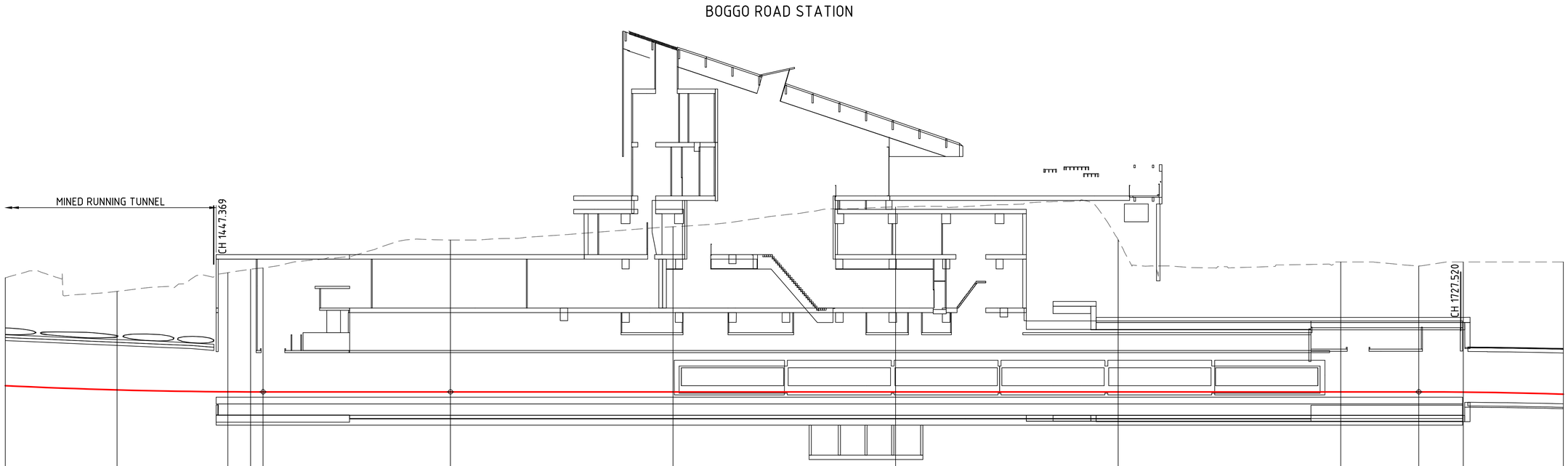
ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.
Contract. No.
Drawing No. B
Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



HORIZONTAL DATA: R-228m | SL30m | 44.88m STRAIGHT | 227.52m STRAIGHT | SL45m

VERTICAL DATA: L=65 R2403m K=24.0 | %0 | L=57 R2030m K=20.3

DATUM RL -11.0: SLAB TRACK - TYPE 2 - HA | SLAB TRACK - TYPE 3 - VHA

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
BATHEMYTRY 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

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos
Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 3

Drawn
Designed

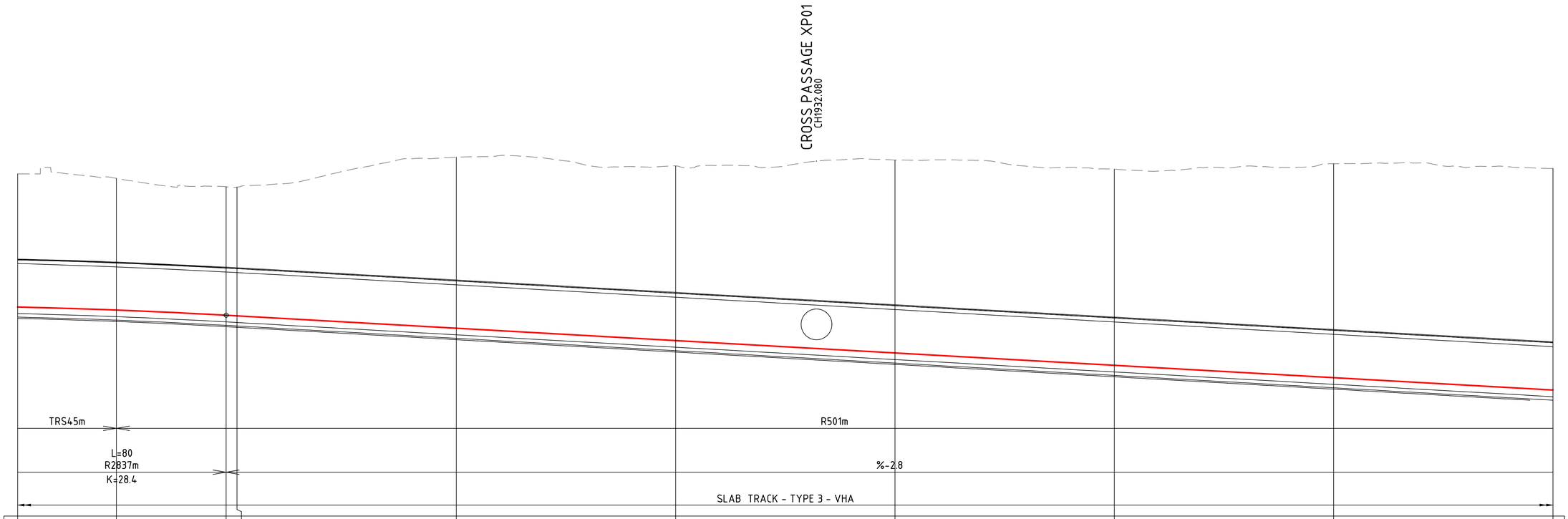
ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.
Contract. No.
Drawing No. B
Series Number of

CAD FILES CRR-0003-LS-GA-102.dwg
Last Modified :- May 07, 2020 - 2:45PM
MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT DOWN TRACK LEVEL	8.827	8.480	7.885	7.815	6.405	4.995	3.586	2.176	0.766	-0.644
EXISTING SURFACE LEVEL	24.000	23.484	22.531	22.495	25.900	24.911	25.578	24.550	25.158	24.624
CHAINAGE	1750.000	1772.520	1797.520	1800.000	1850.000	1900.000	1950.000	2000.000	2050.000	2100.000
BATHEMYTRY LEVEL										
ROCK LAYER LEVEL	24.000	23.484	22.531	22.495	25.900	24.911	25.578	24.550	25.158	24.624

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-103

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 4

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

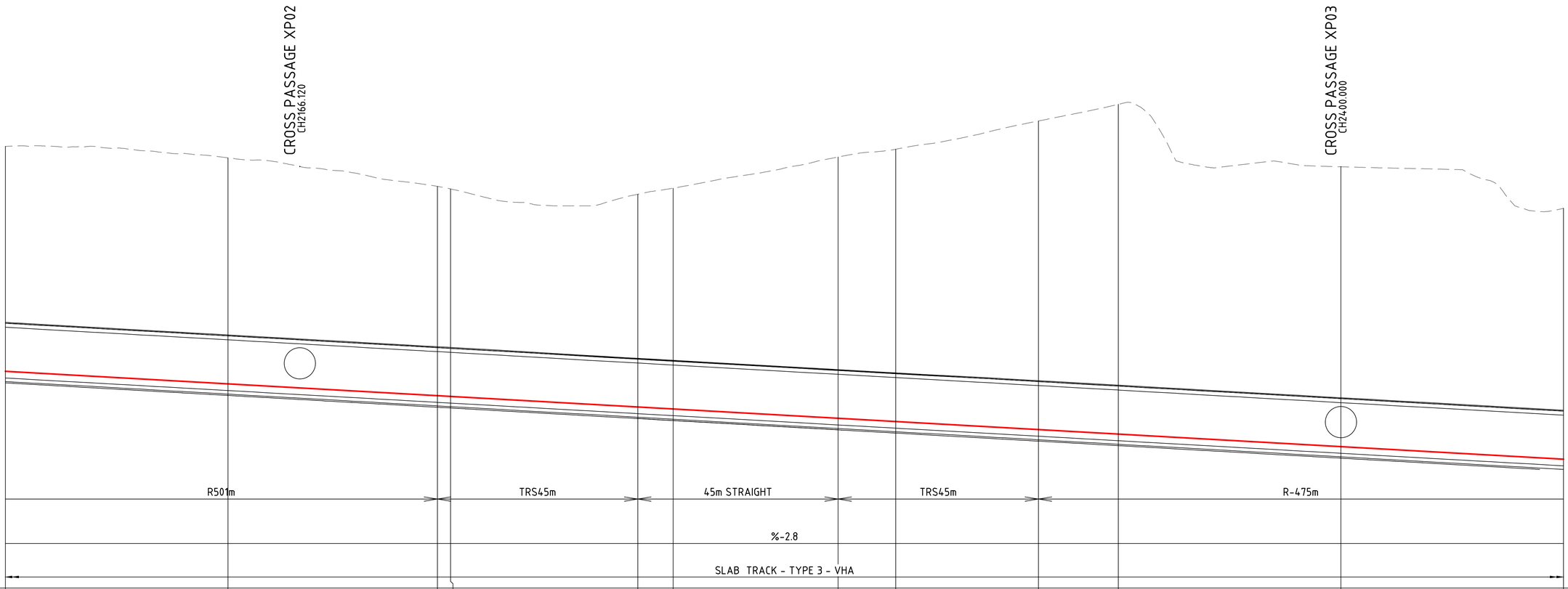
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-103.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



RAIL ALIGNMENT DOWN TRACK LEVEL	-0.644	-2.054	-3.381	-3.464	-4.649	-4.873	-5.918	-6.283	-7.187	-7.693	-9.103	-10.513
EXISTING SURFACE LEVEL	24.624	23.343	20.137	19.848	19.253	19.926	23.432	24.307	27.481	29.350	22.336	17.670
CHAINAGE	2100.000	2150.000	2197.060	2200.000	2242.060	2250.000	2287.060	2300.000	2332.060	2350.000	2400.000	2450.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	24.624	23.343	20.137	19.848	19.253	19.926	23.432	24.307	27.481	29.350	22.336	17.670

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-104

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos
Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales
NOT TO SCALE
Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 5

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-104.dwg
Last Modified :- May 07, 2020 - 2:45PM

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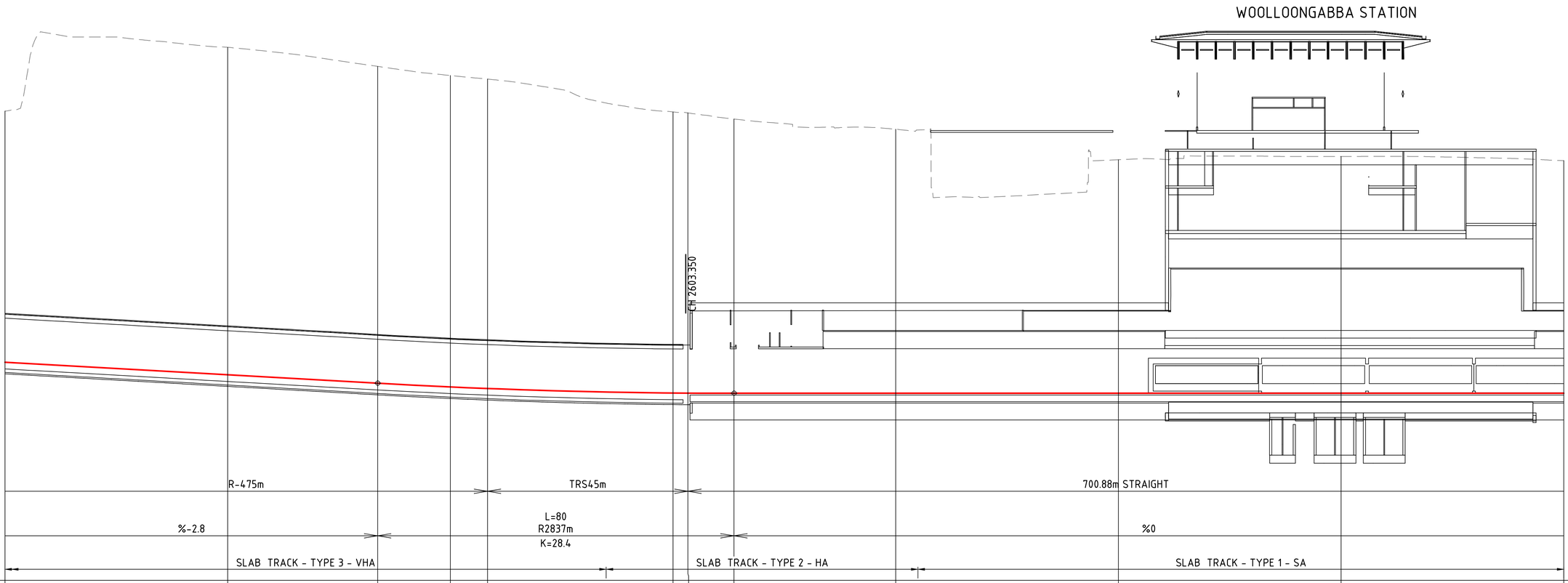

RAIL ALIGNMENT DOWN TRACK LEVEL	-10.513	-11.922	-12.872	-13.285	-13.460	-13.967	-13.981	-14.000	-14.000	-14.000	-14.000	-14.000
EXISTING SURFACE LEVEL	17.670	24.839	22.698	21.673	21.278	17.586	17.480	16.788	15.642	12.213	12.585	12.122
CHAINAGE	2450.000	2500.000	2533.680	2550.000	2558.350	2600.000	2603.350	2613.680	2650.000	2700.000	2750.000	2800.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	17.670	24.839	22.698	21.673	21.278	17.586	17.480	16.788	15.642	12.213	12.585	12.122

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos
Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales
NOT TO SCALE
Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 6

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-105.dwg
Last Modified :- May 07, 2020 - 2:45PM

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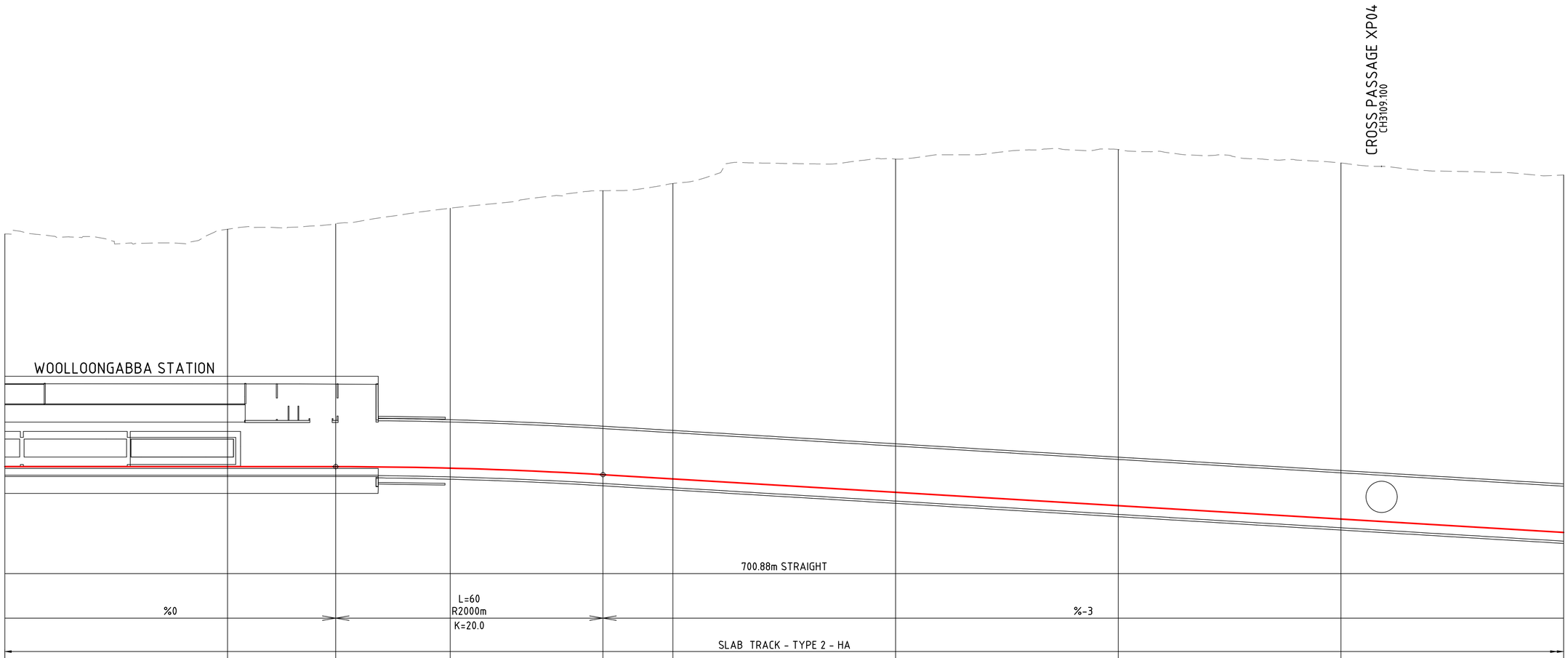

HORIZONTAL DATA

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
BATHEMYTRY 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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 7

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-106.dwg

Last Modified :- May 07, 2020 - 2:45PM

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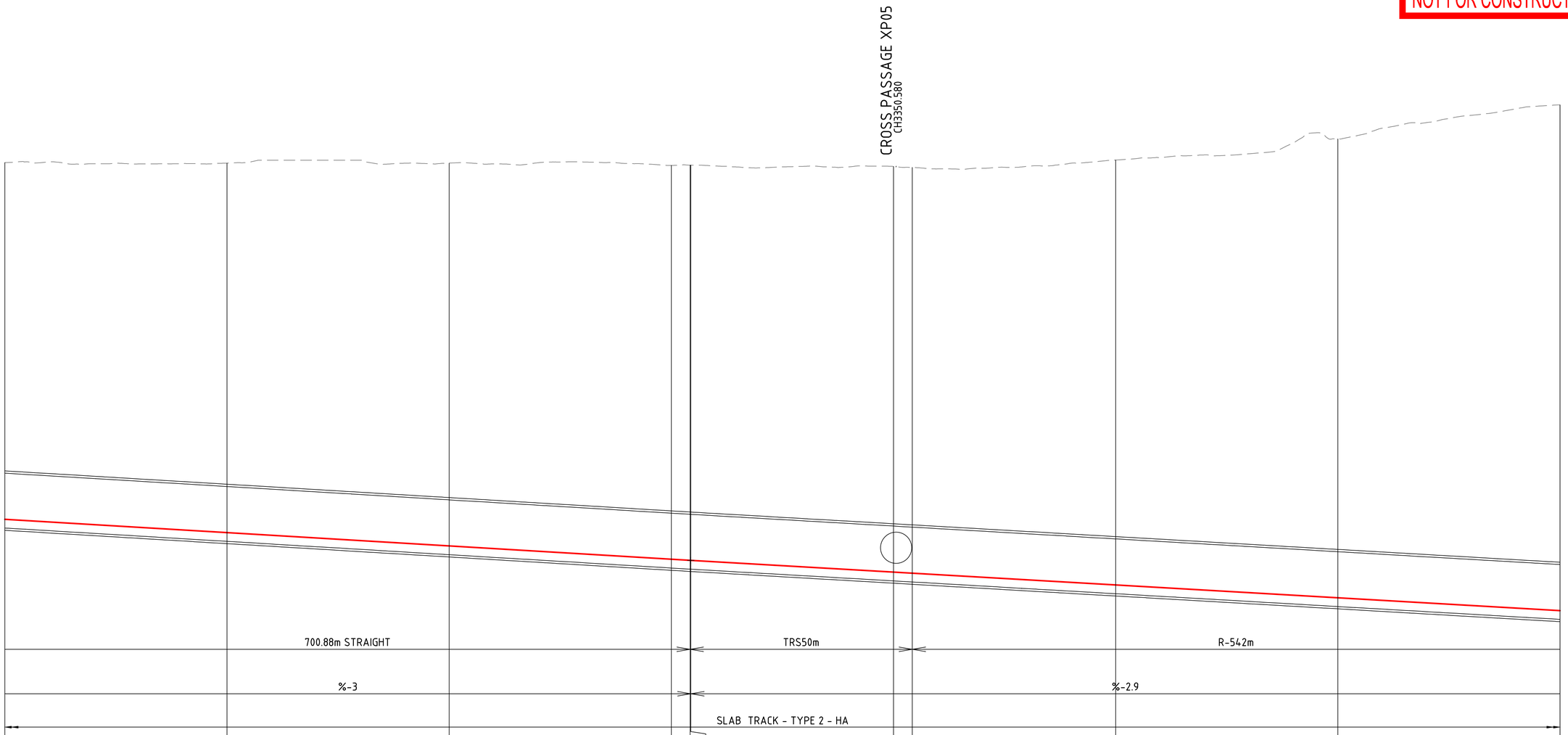


HORIZONTAL DATA

VERTICAL DATA

DATUM RL -46.0

RAIL ALIGNMENT DOWN TRACK LEVEL	-21.372	-22.872	-24.372	-25.872	-25.998	-26.003	-27.319	-27.441	-28.762	-30.204	-31.647
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
BATHEMYTRY 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

B	RFPC7 ISSUE	08.05.20	
A	RFPC4 ISSUE	24.04.19	
	Revisions/Descriptions	Date	Microfiled

Certification

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 8

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

Contract. No.

Drawing No. B

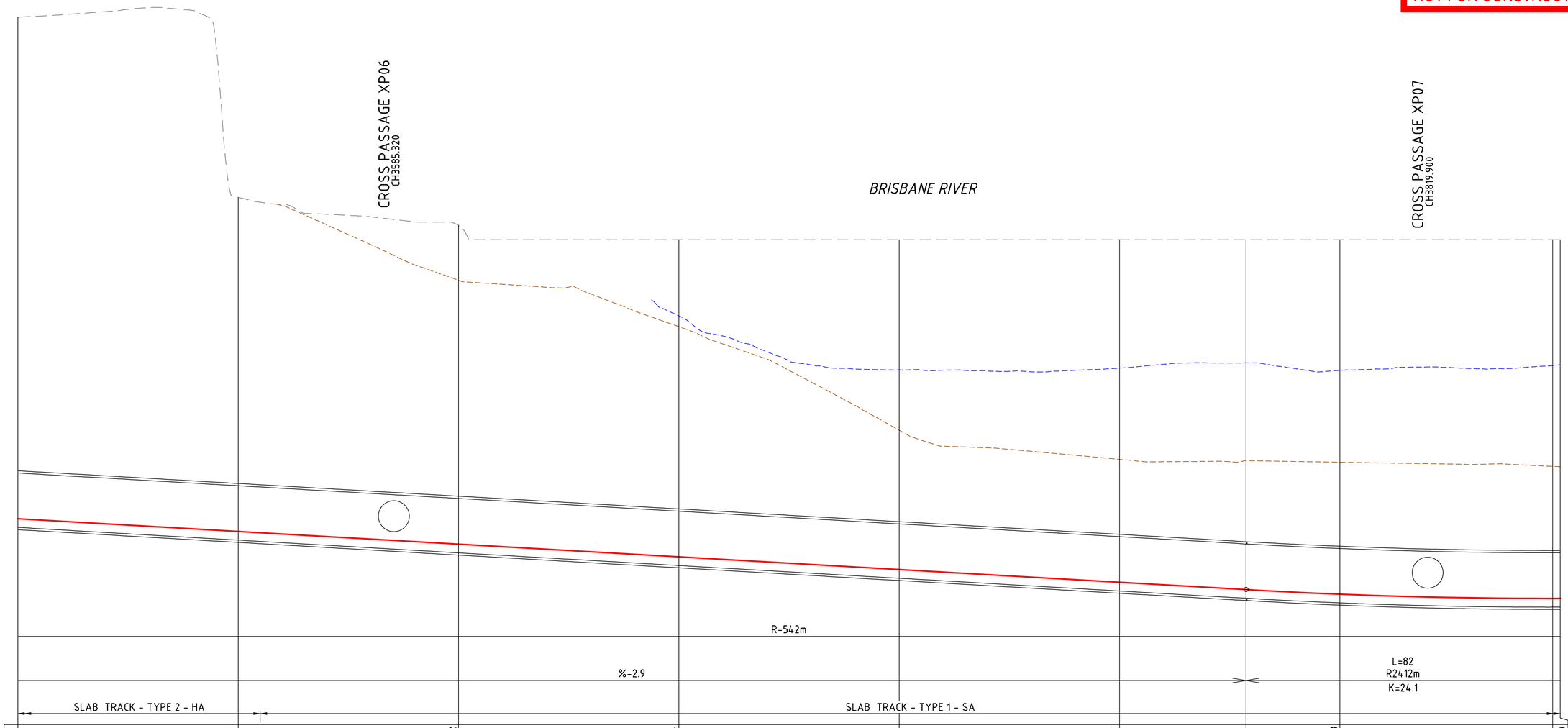
Series Number of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-107.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -55.0

RAIL ALIGNMENT DOWN TRACK LEVEL	-31.647	-33.089	-34.532	-35.974	-37.417	-38.859	-39.687	-40.208	-40.691	-40.690
EXISTING SURFACE LEVEL	25.237	4.805	1.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	3500.000	3550.000	3600.000	3650.000	3700.000	3750.000	3778.692	3800.000	3848.280	3850.000
BATHEMYTRY LEVEL				-8.625	-14.761	-14.562	-13.969	-14.815	-14.280	-14.180
ROCK LAYER LEVEL	25.237	4.805	1.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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-108

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 9

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

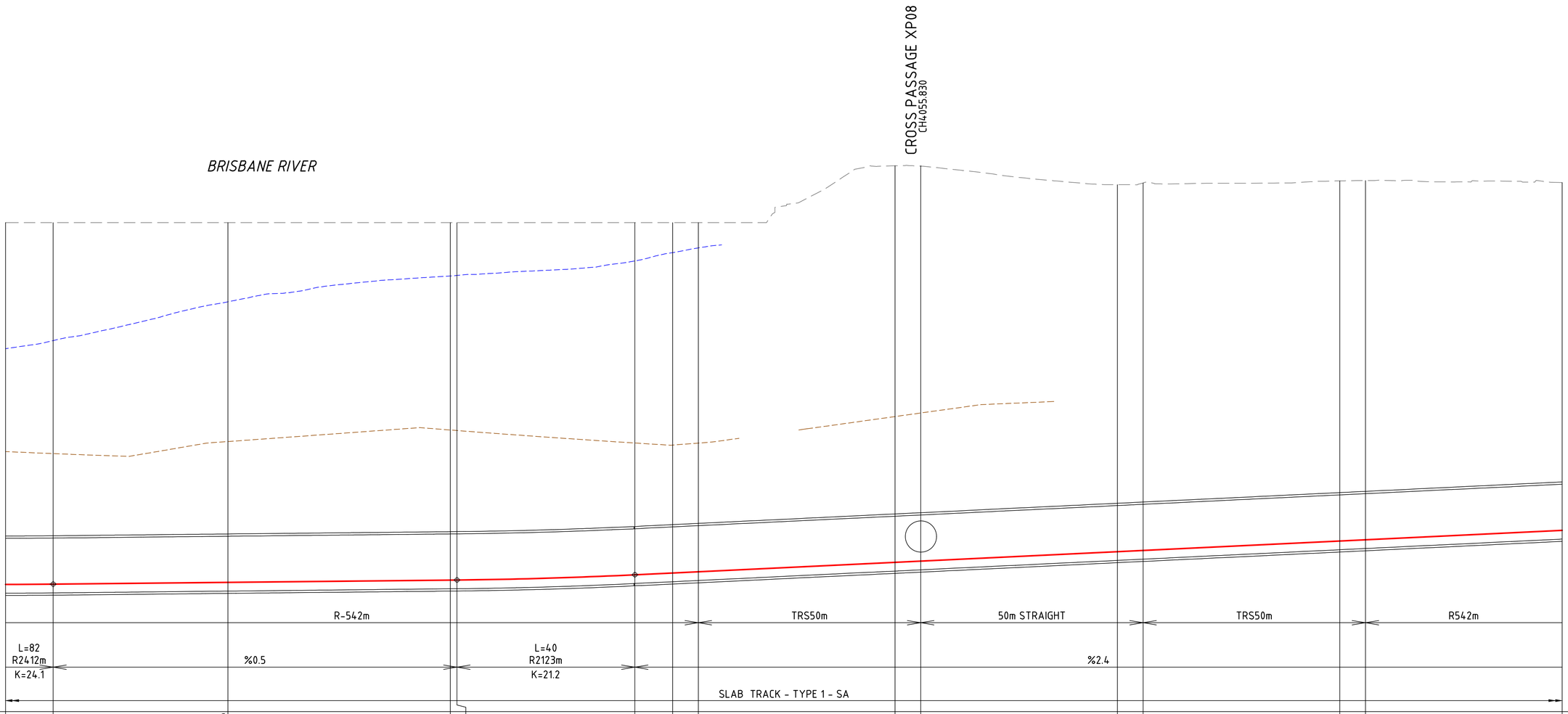
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-108.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



RAIL ALIGNMENT DOWN TRACK LEVEL	-40.690	-40.659	-40.456	-40.199	-40.192	-39.609	-39.405	-39.266	-38.206	-38.067	-37.006	-36.868	-35.807	-35.668	-34.608
EXISTING SURFACE LEVEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.384	6.348	4.264	4.454	4.692	4.719	4.495
CHAINAGE	3850.000	3860.692	3900.000	3950.000	3951.496	3991.496	4000.000	4005.781	4050.000	4055.781	4100.000	4105.781	4150.000	4155.781	4200.000
BATHEMYTRY LEVEL	-14.180	-13.272	-8.910	-6.006	-5.944	-4.315	-3.378	-2.842							
ROCK LAYER LEVEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.384	6.348	4.264	4.454	4.692	4.719	4.495

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–109

B	RFPC7 ISSUE	08.05.20	
A	RFPC4 ISSUE	24.04.19	
	Revisions/Descriptions	Date	Microfiled

Certification

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 10

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

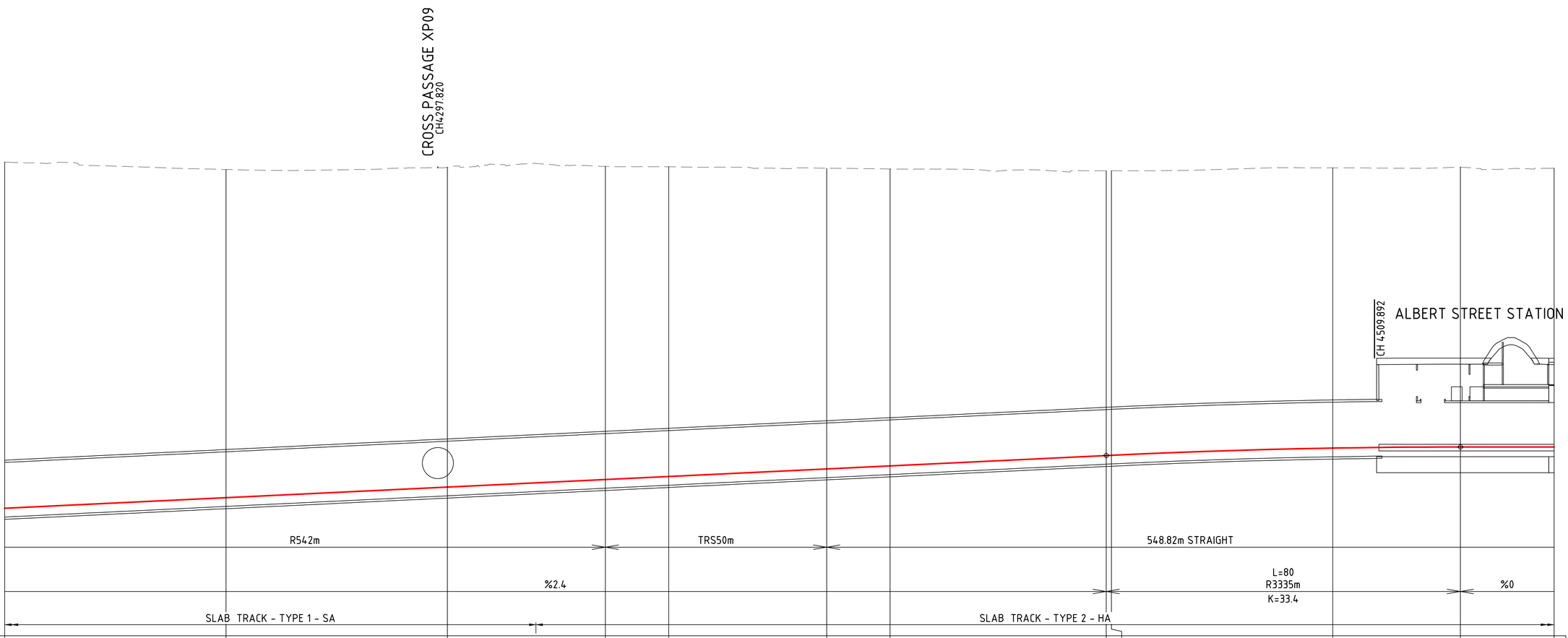
Job No.
Contract. No.
Drawing No. B
Series Number of

CAD FILES CRR–0003–LS–GA–109.dwg

Last Modified :– May 07, 2020 – 2:45PM

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT DOWN TRACK LEVEL	-34.608	-33.408	-32.209	-31.353	-31.009	-30.154	-29.810	-28.639	-28.611	-27.804	-27.680	-27.680
EXISTING SURFACE LEVEL	4.495	3.662	3.913	4.005	3.966	3.805	3.715	3.512	3.512	3.846	3.923	3.809
CHAINAGE	4200.000	4250.000	4300.000	4335.662	4350.000	4385.662	4400.000	4448.804	4450.000	4500.000	4528.804	4550.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	4.495	3.662	3.913	4.005	3.966	3.805	3.715	3.512	3.512	3.846	3.923	3.809

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

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 11

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

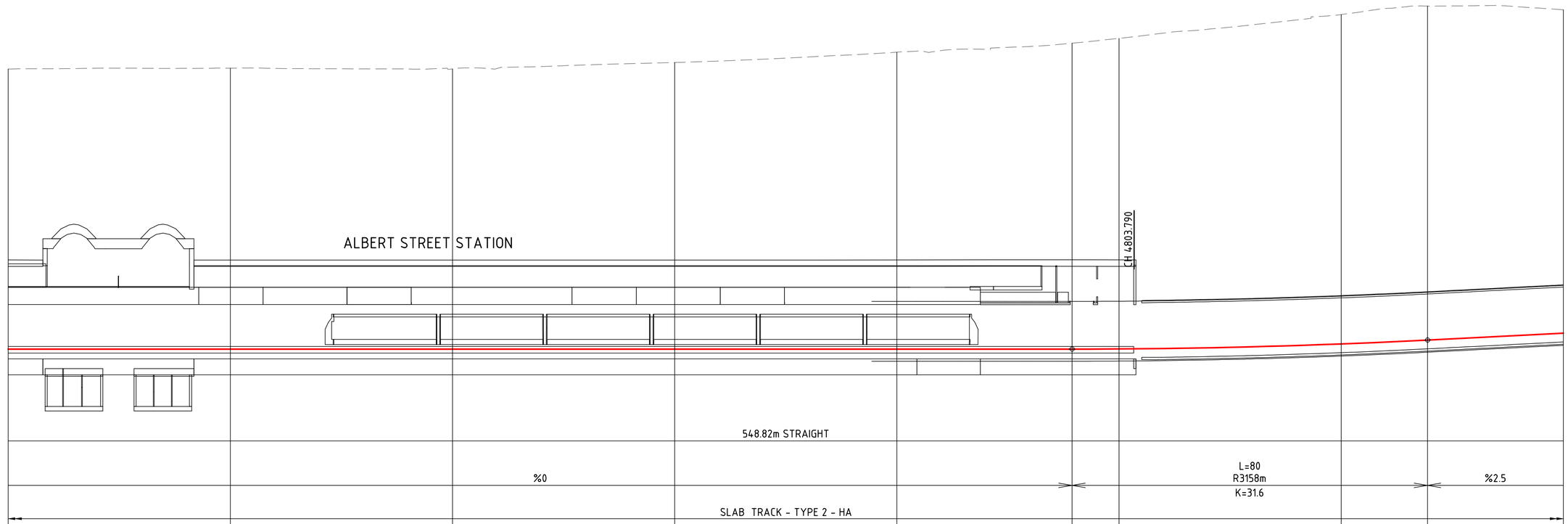
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR–0003–LS–GA–110.dwg

Last Modified :– May 07, 2020 – 2:45PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -48.0

RAIL ALIGNMENT DOWN TRACK LEVEL	-27.680	-27.680	-27.680	-27.680	-27.680	-27.680	-27.662	-27.099	-26.667	-25.892	
EXISTING SURFACE LEVEL	3.809	3.902	3.824	4.546	5.704	6.709	7.258	9.929	10.885	10.475	
CHAINAGE	4550.000	4600.000	4650.000	4700.000	4750.000	4789.404	4800.000	4850.000	4869.404	4900.000	
BATHEMYTRY LEVEL											
ROCK LAYER LEVEL	3.809	3.902	3.824	4.546	5.704	6.709	7.258	9.929	10.885	10.475	

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-111

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES | CRR-0003-LS-GA-111.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 12, 2020 - 9:36AM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

Drawn

Designed

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 12

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

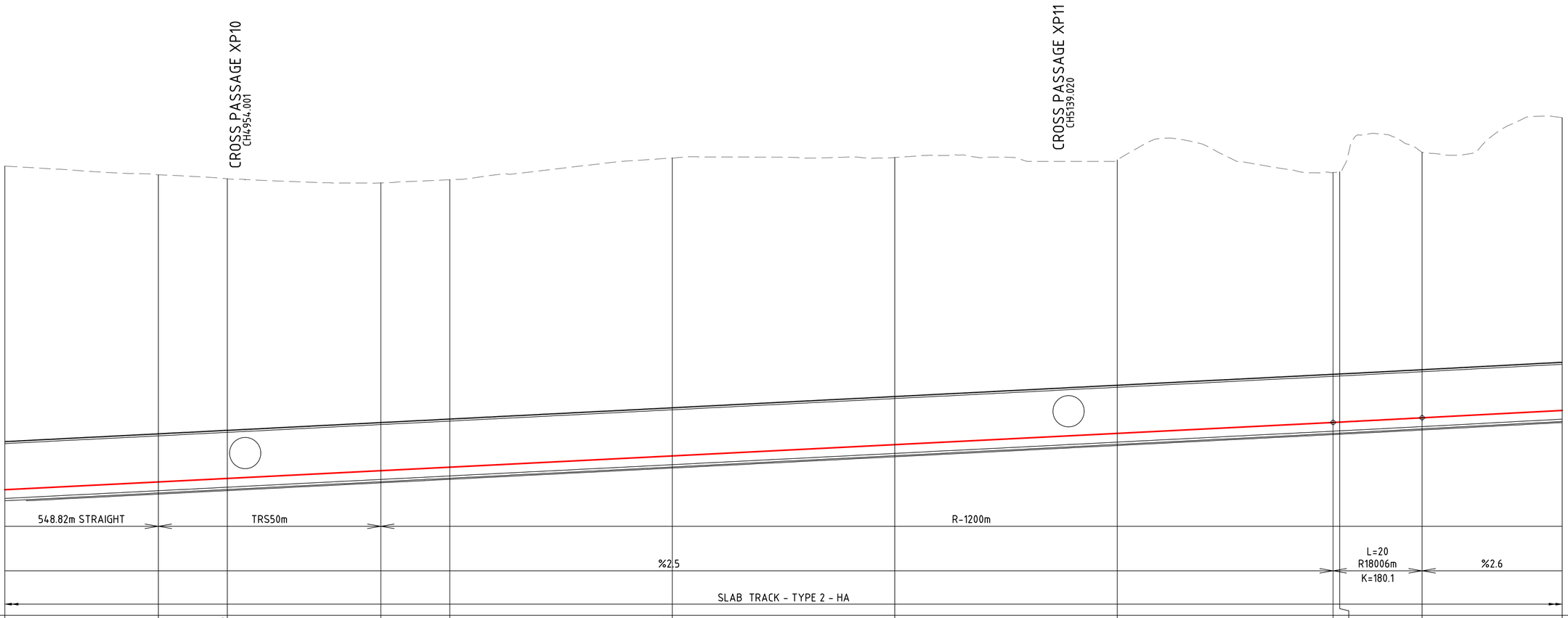
Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT DOWN TRACK LEVEL	-25.892	-25.018	-24.625	-23.751	-23.358	-22.092	-20.825	-19.558	-18.330	-18.292	-17.812	-16.979
EXISTING SURFACE LEVEL	10.475	9.499	9.045	8.581	8.939	11.376	11.443	11.170	9.749	9.837	12.014	15.900
CHAINAGE	4900.000	4934.483	4950.000	4984.483	5000.000	5050.000	5100.000	5150.000	5198.506	5200.000	5218.506	5250.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	10.475	9.499	9.045	8.581	8.939	11.376	11.443	11.170	9.749	9.837	12.014	15.900

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-112

B	RFPC7 ISSUE	08.05.20	
A	RFPC4 ISSUE	24.04.19	
	Revisions/Descriptions	Date	Microfiled

Certification

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 13

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

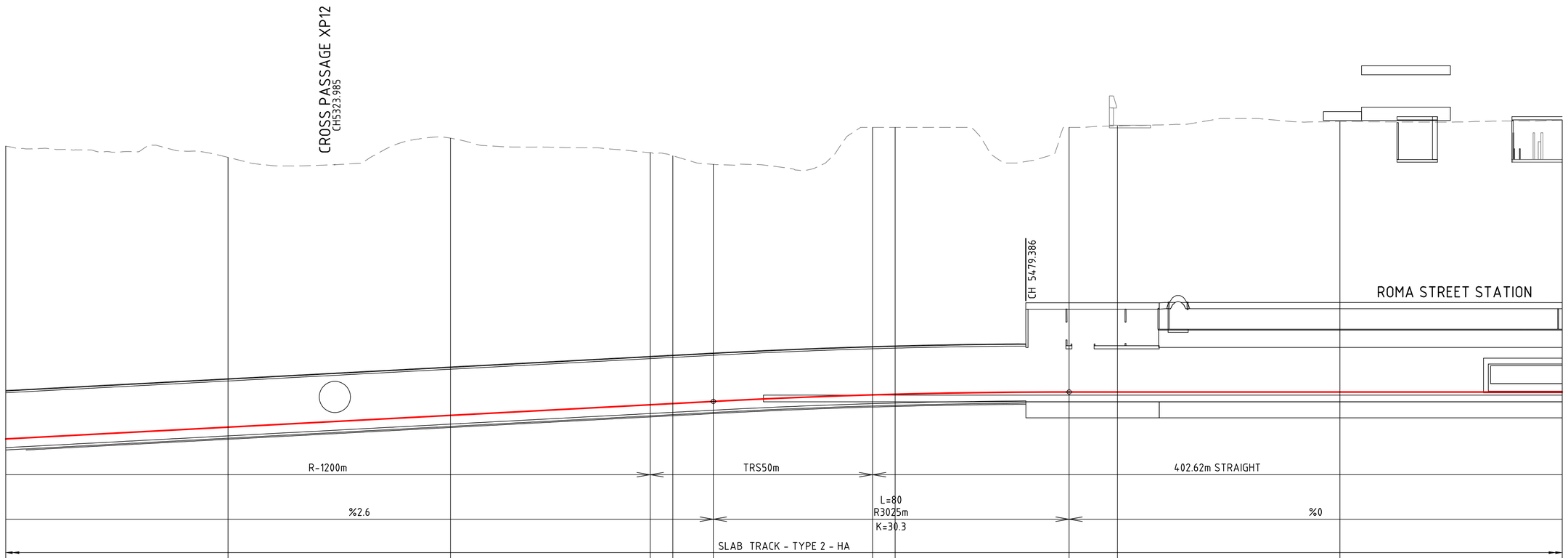
Job No.
Contract. No.
Drawing No. B
Series Number of

CAD FILES CRR-0003-LS-GA-112.dwg

Last Modified :- May 07, 2020 - 2:45PM

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



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	-11.714
EXISTING SURFACE LEVEL	15.900	14.642	16.801	15.168	14.823	13.852	18.000	18.000	18.000	18.182	18.657	18.842
CHAINAGE	5250.000	5300.000	5350.000	5394.912	5400.000	5409.101	5444.912	5450.000	5489.101	5500.000	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	18.182	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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-113.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 11, 2020 - 8:40AM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
DOWN CRR TRACK
SHEET 14

Drawn

Designed

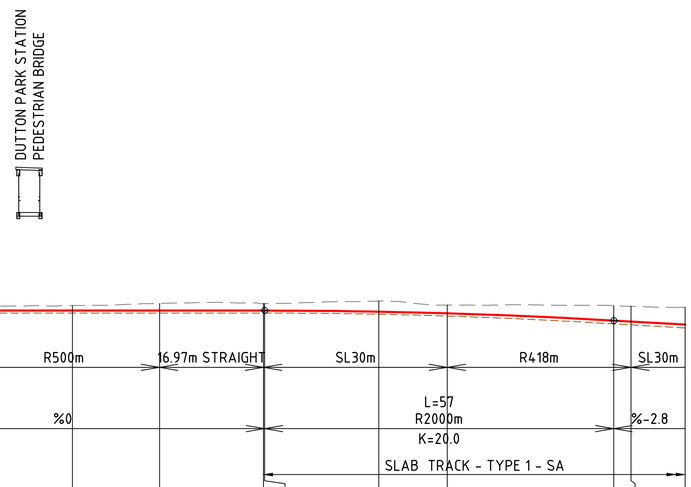
ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL 7.0

RAIL ALIGNMENT UP CRR LEVEL	21.627	21.627	21.627	21.627	21.627	21.627	21.540	21.404	20.815	20.734	20.482
EXISTING SURFACE LEVEL	22.870	22.000	22.020	22.215	22.203	22.203	22.408	22.081	22.036	21.975	21.900
CHAINAGE	915.404	932.993	950.000	964.203	981.177	981.341	1000.000	1011.177	1038.341	1041.159	1050.000
BATHEMYTRY LEVEL											
ROCK LAYER LEVEL	21.427	21.427	21.427	21.427	21.427	21.427	21.332	21.183	20.543	20.463	20.211

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-150.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 1

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

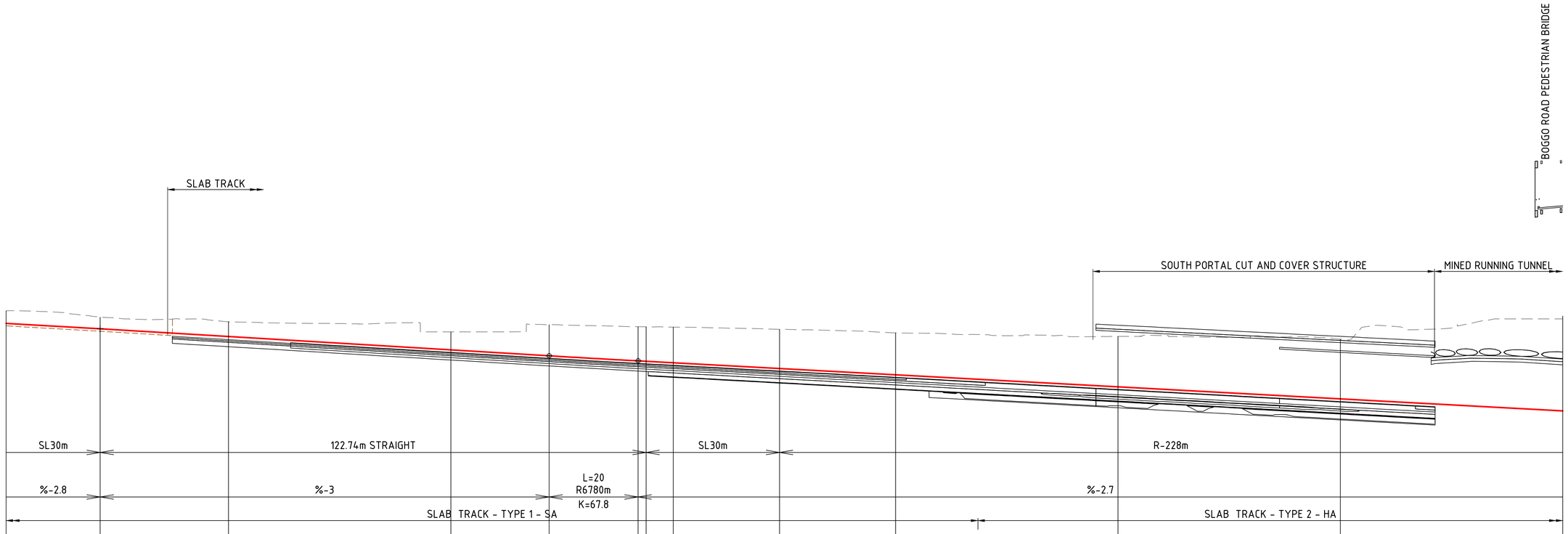
Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT UP CRR LEVEL	20.482	19.879	19.014	17.514	16.852	16.281	16.232	16.067	15.421	14.715	13.362	12.010	10.657
EXISTING SURFACE LEVEL	21.900	21.193	20.676	19.537	20.351	20.116	20.103	20.070	19.830	19.433	19.030	18.720	21.000
CHAINAGE	1050.000	1071.159	1100.000	1150.000	1172.086	1192.086	1193.896	1200.000	1223.896	1250.000	1300.000	1350.000	1400.000
BATHEMYTRY LEVEL													
ROCK LAYER LEVEL	20.211	19.608	20.676	19.537	20.351	20.116	20.103	20.070	19.830	19.433	19.030	18.720	21.319

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

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 2

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

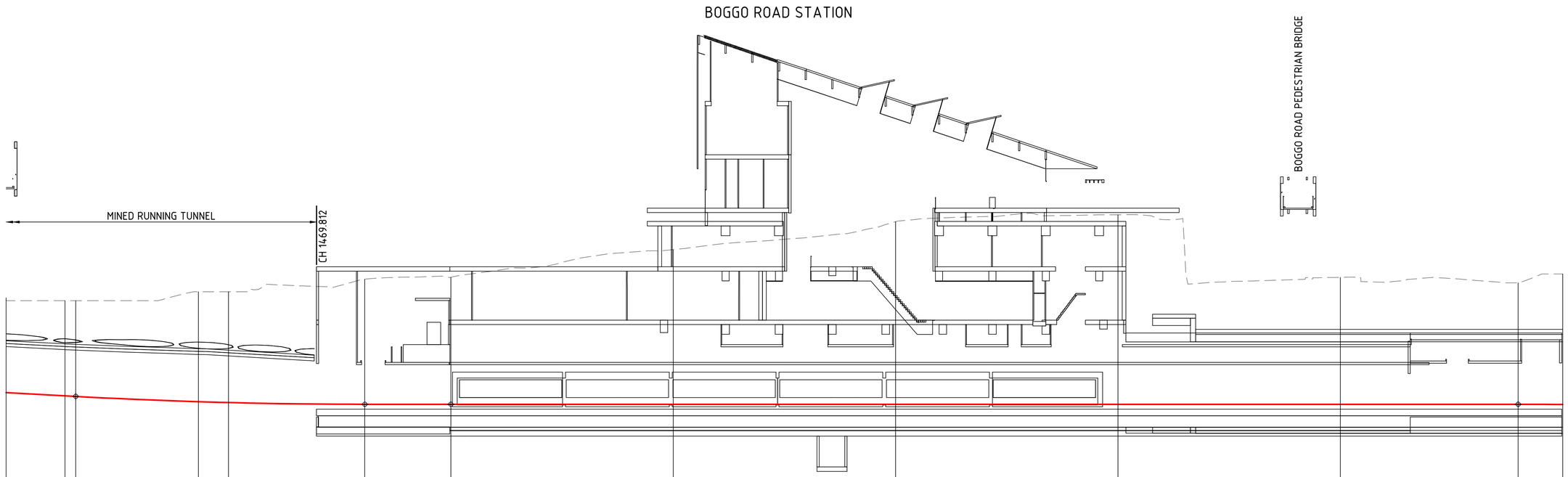
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-151.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA: R-228m | SL30m | 56.75m STRAIGHT | 250.04m STRAIGHT

VERTICAL DATA: %-2.7 | L=65 R2403m K=24.0 | %0 | L=57 R2022m K=20.2

SLAB TRACK - TYPE 2 - HA | SLAB TRACK - TYPE 3 - VHA

DATUM RL -11.0

RAIL ALIGNMENT UP CRR LEVEL	10.657	10.299	10.234	9.646	9.550	9.355	9.355	9.355	9.355	9.355	9.355	9.330
EXISTING SURFACE LEVEL	21.000	21.000	21.000	22.000	22.000	23.418	23.624	26.731	29.873	30.656	23.621	23.000	24.000
CHAINAGE	1400.000	1413.254	1415.645	1443.254	1450.000	1480.645	1500.000	1550.000	1600.000	1650.000	1700.000	1739.959	1750.000
BATHEMYTRY LEVEL													
ROCK LAYER LEVEL	21.319	21.000	21.000	22.000	22.000	23.418	23.624	26.731	29.873	30.656	23.621	23.000	24.000

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

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos
Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 3

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

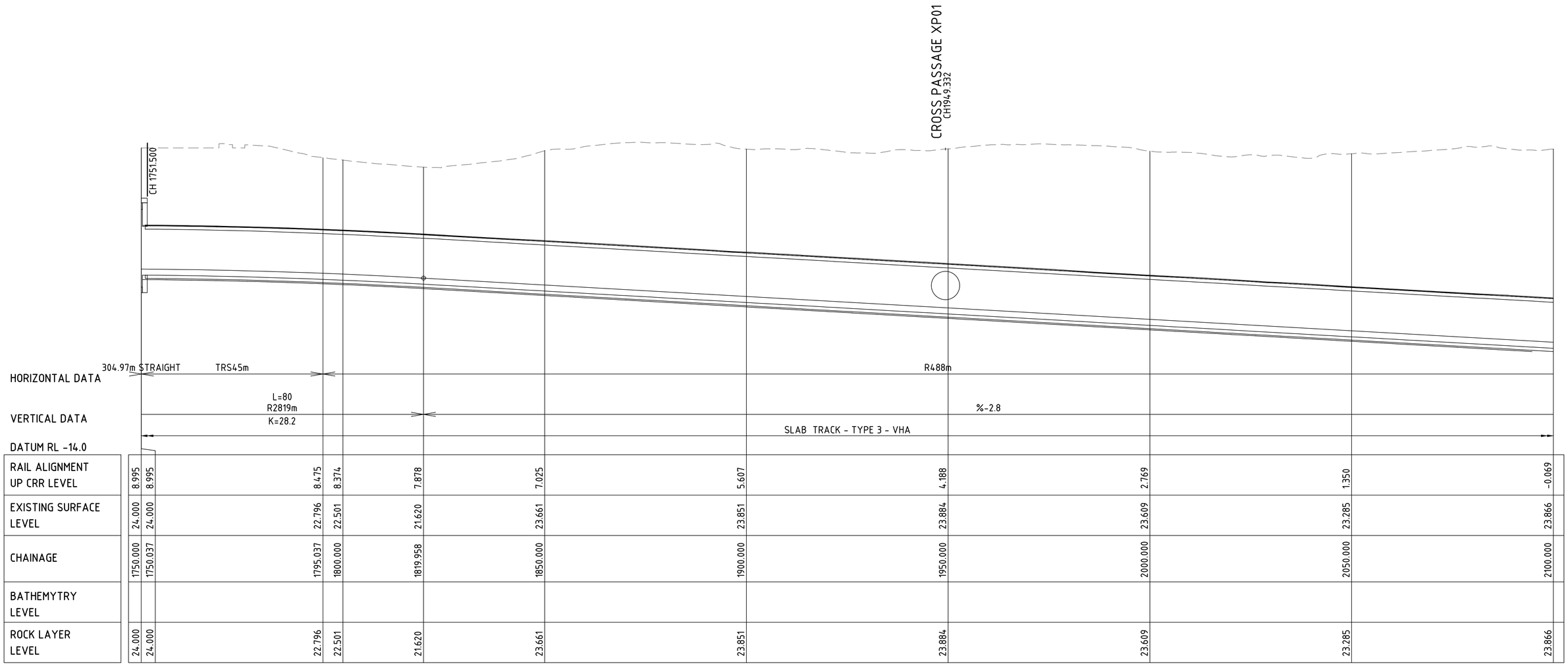
Job No.
Contract. No.
Drawing No. B
Series Number of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-152.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-153.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 4

Drawn

Designed

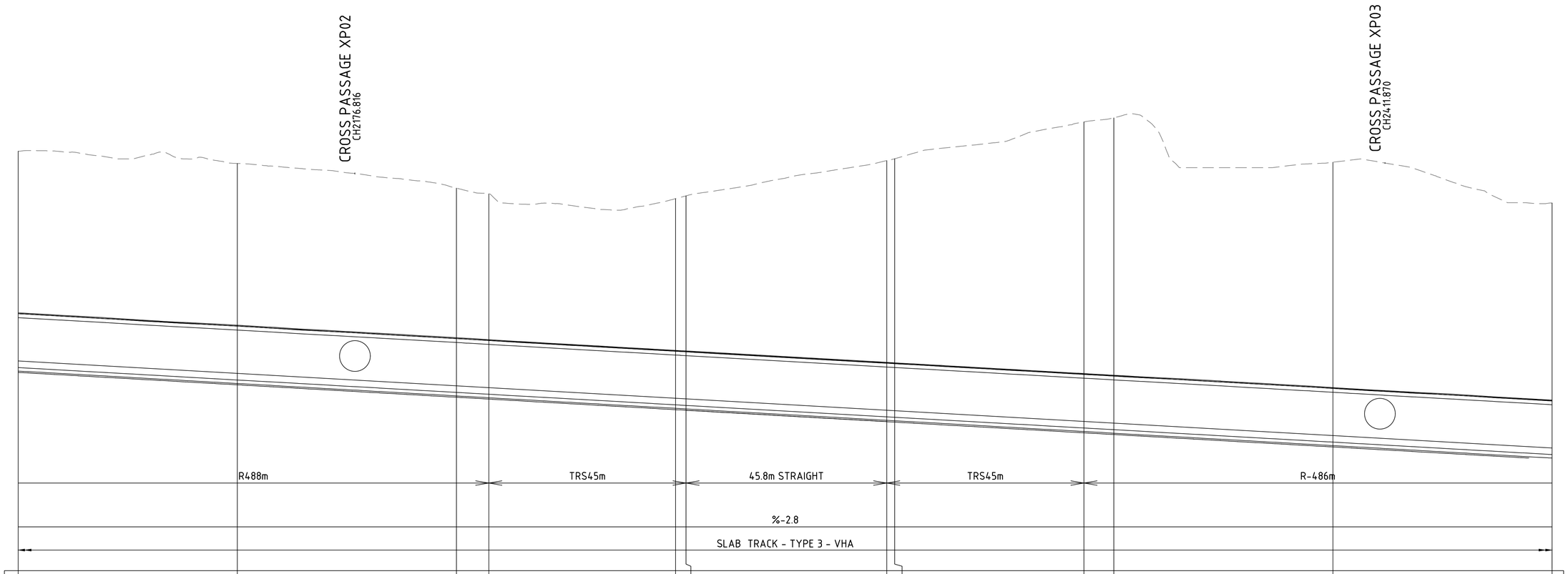
ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT UP CRR LEVEL	-0.069	-1.487	-2.906	-3.116	-4.325	-4.393	-5.692	-5.744	-6.969	-7.163	-8.581	-10.000
EXISTING SURFACE LEVEL	23.866	22.480	19.666	19.022	18.462	18.782	22.808	23.017	27.222	27.681	22.623	17.973
CHAINAGE	2100.000	2150.000	2200.000	2207.393	2250.000	2252.393	2298.194	2300.000	2343.194	2350.000	2400.000	2450.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	23.866	22.480	19.666	19.022	18.462	18.782	22.808	23.017	27.222	27.681	22.623	17.973

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-154.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 5

Drawn

Designed

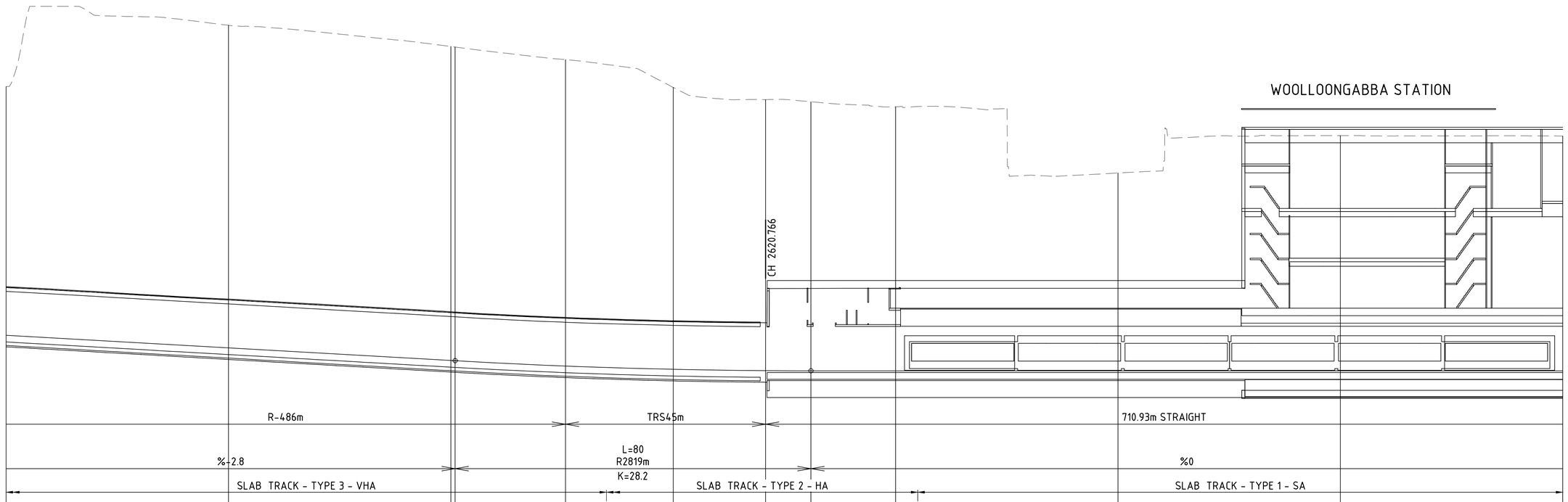
ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT UP CRR LEVEL	-10.000	-11.419	-12.838	-12.865	-13.460	-13.830	-13.982	-14.000	-14.000	-14.000	-14.000	-14.000
EXISTING SURFACE LEVEL	17.973	24.865	22.485	22.424	21.012	17.881	16.506	16.272	15.698	8.256	12.455	12.416
CHAINAGE	2450.000	2500.000	2550.000	2550.960	2575.766	2600.000	2620.766	2630.960	2650.000	2700.000	2750.000	2800.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	17.973	24.865	22.485	22.424	21.012	17.881	16.506	16.272	15.698	8.256	12.455	12.416

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

B	RFPC7 ISSUE		08.05.20
A	RFPC4 ISSUE		24.04.19
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 6

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

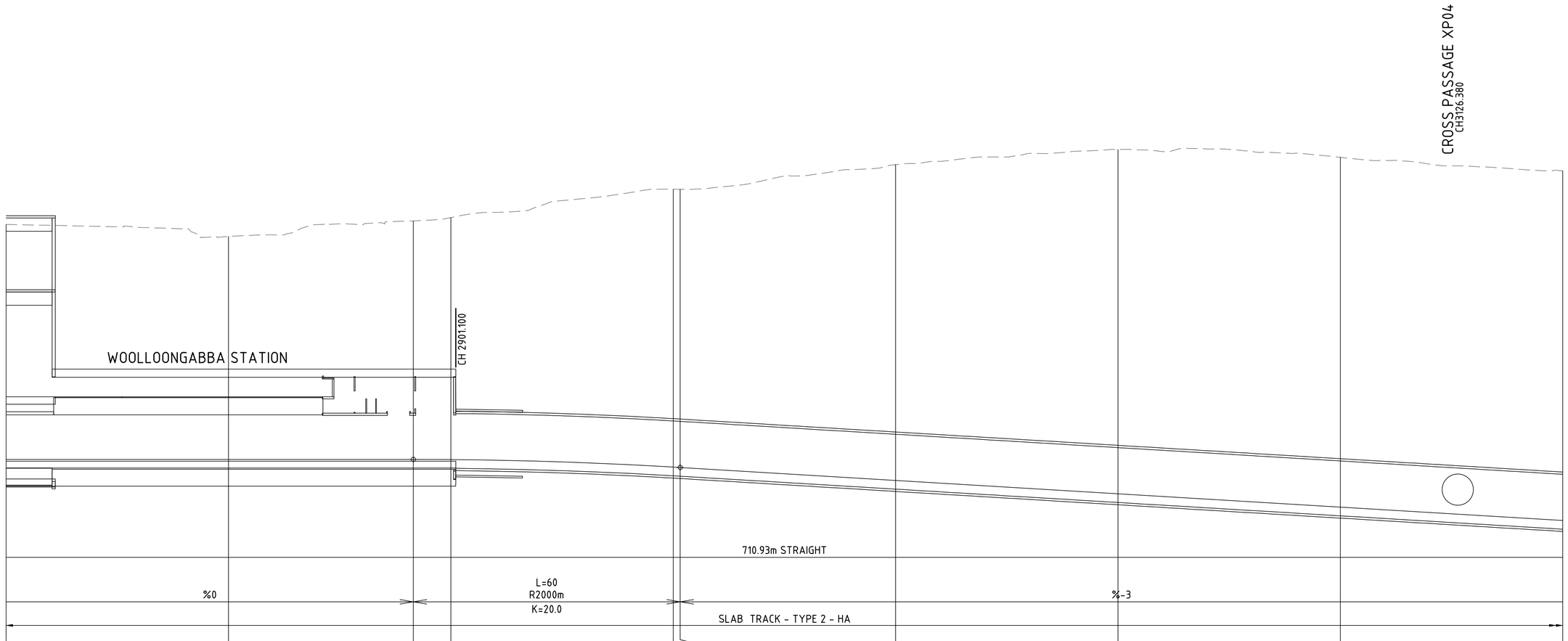
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-155.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -35.0

RAIL ALIGNMENT UP CRR LEVEL	-14.000	-14.000	-14.000	-14.018	-14.854	-14.900	-16.353	-17.853	-19.353	-20.853
EXISTING SURFACE LEVEL	12.416	11.067	12.815	13.188	16.384	16.362	19.142	20.838	19.960	18.450
CHAINAGE	2800.000	2850.000	2891.560	2900.000	2950.000	2951.560	3000.000	3050.000	3100.000	3150.000
BATHEMYTRY LEVEL										
ROCK LAYER LEVEL	12.416	11.067	12.815	13.188	16.384	16.362	19.142	20.838	19.960	18.450

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-156.dwg

Last Modified :- May 07, 2020 - 2:45PM

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 7

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

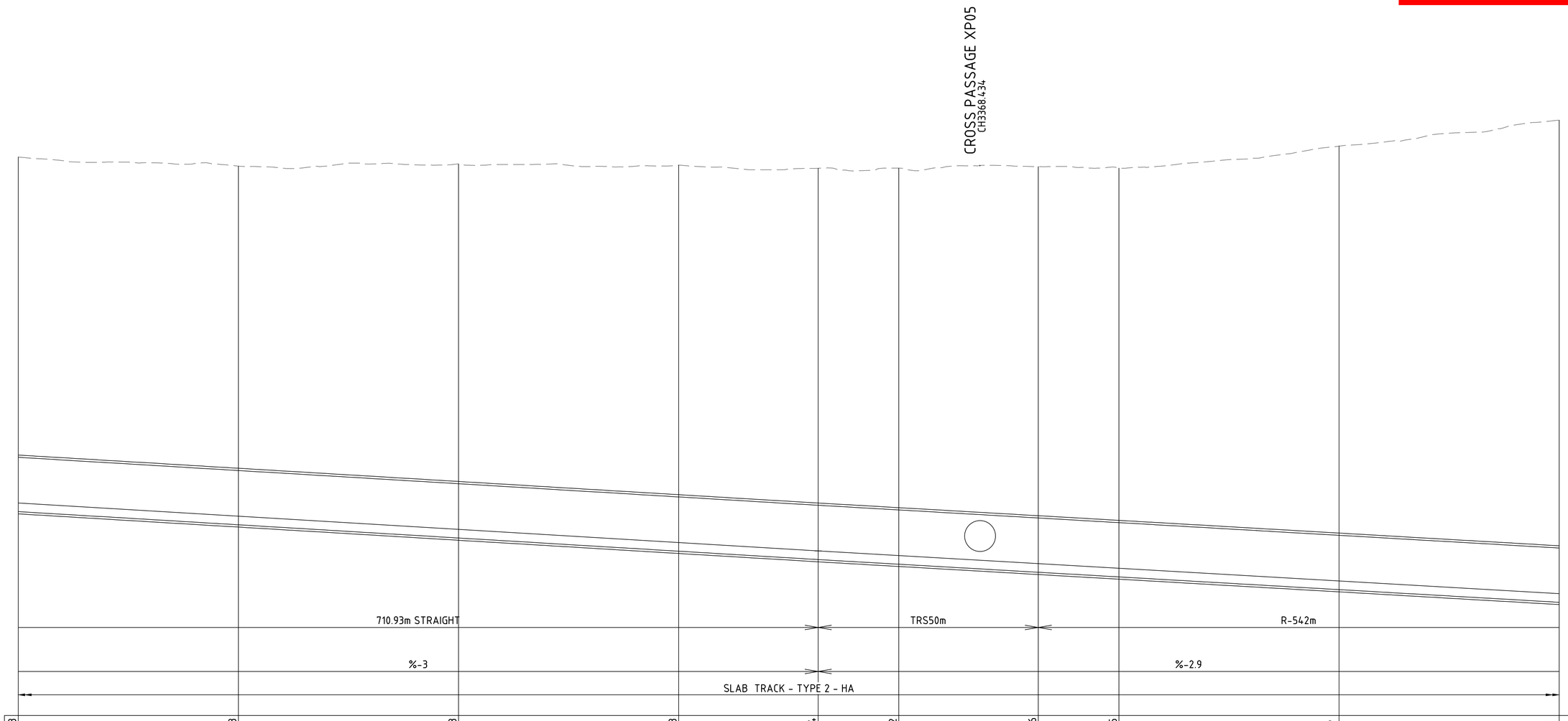
Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



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	17.176	17.188	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
BATHEMYTRY LEVEL										
ROCK LAYER LEVEL	18.450	17.416	17.662	17.525	17.176	17.188	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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-157.dwg

Last Modified :- May 07, 2020 - 2:45PM

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY

CROSS RIVER RAIL

CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 8

Drawn

Designed

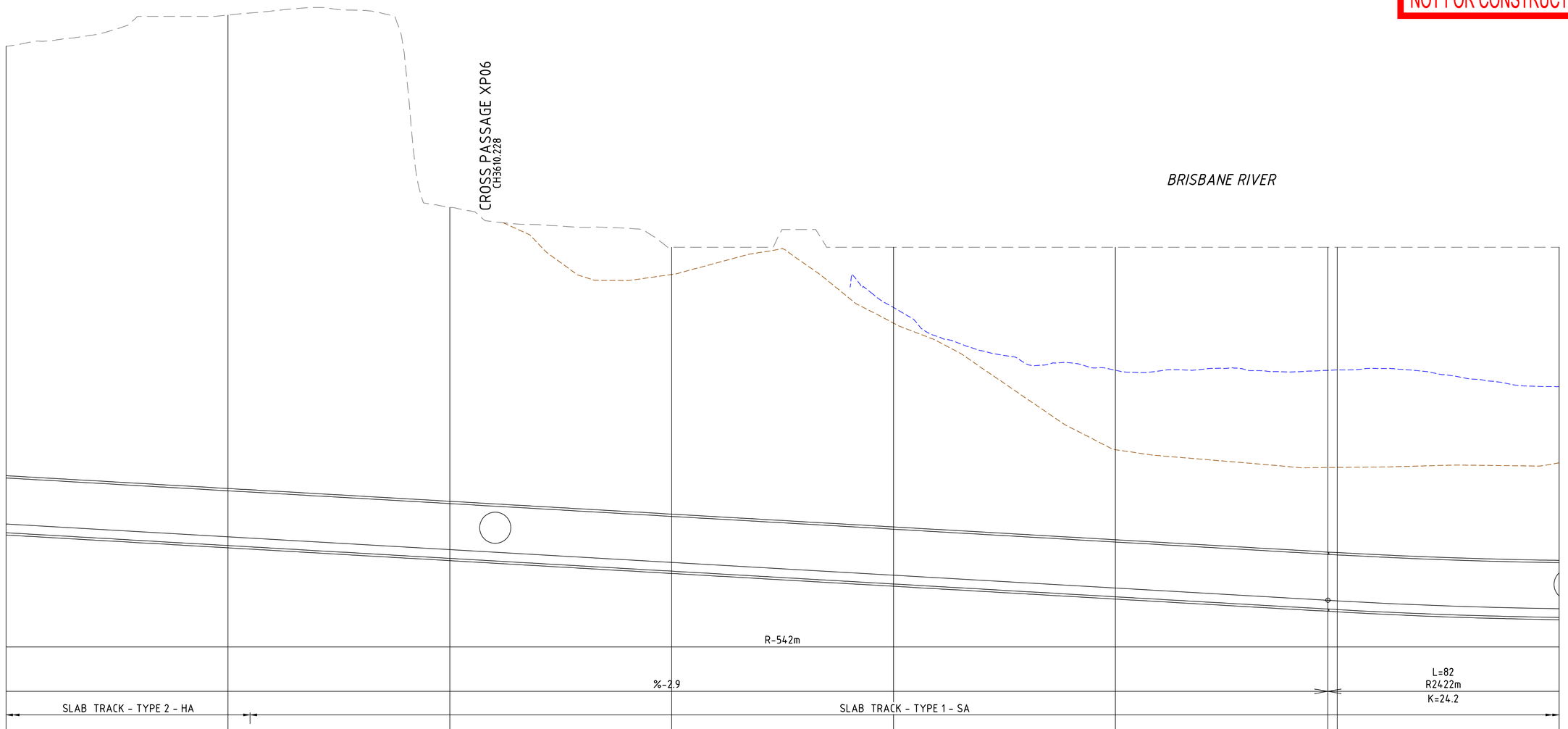
ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -55.0

RAIL ALIGNMENT UP CRR LEVEL	-31.160	-32.602	-34.045	-35.487	-36.930	-38.372	-39.754	-39.814	-40.696
EXISTING SURFACE LEVEL	22.639	26.148	4.495	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	3500.000	3550.000	3600.000	3650.000	3700.000	3750.000	3797.882	3800.000	3850.000
BATHEMYTRY LEVEL					-6.781	-13.834	-13.854	-13.811	-15.687
ROCK LAYER LEVEL	22.639	26.148	4.495	0.000	0.000	0.000	0.000	0.000	0.000

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-158.dwg

Last Modified :- May 07, 2020 - 2:45PM

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 9

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

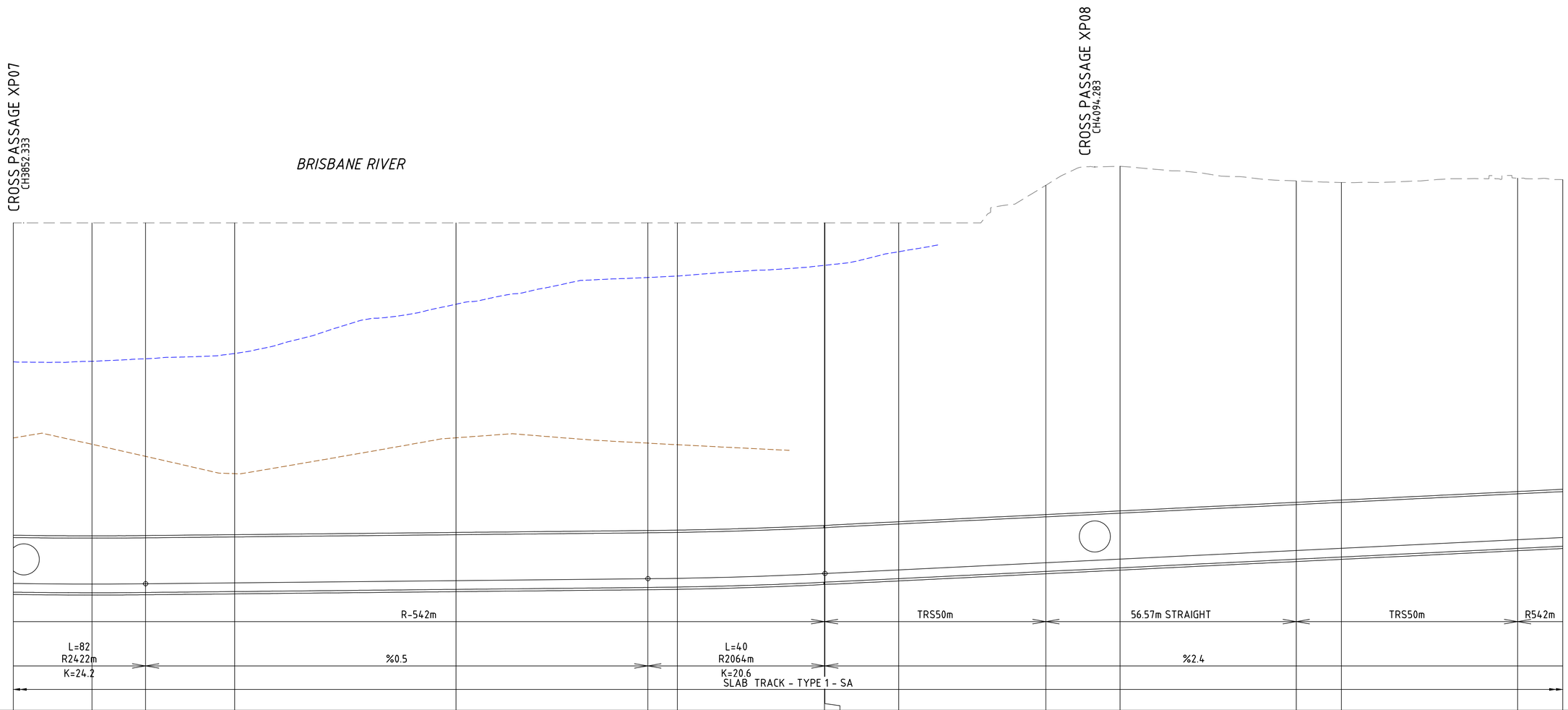
Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



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
BATHEMYTRY 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

B	RFPC7 ISSUE	08.05.20	
A	RFPC4 ISSUE	24.04.19	
	Revisions/Descriptions	Date	Microfiled

Certification

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 10

Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

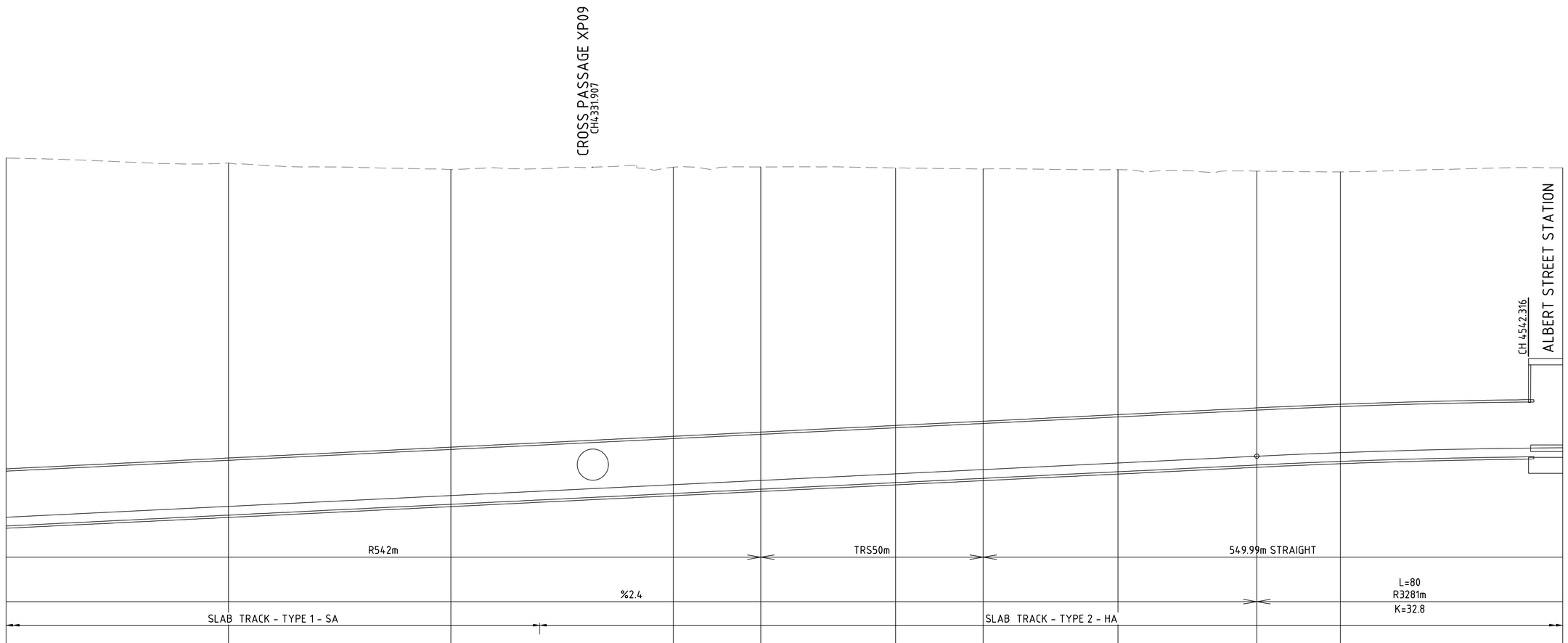
Job No.
Contract. No.
Drawing No. B
Series Number of

CAD FILES CRR-0003-LS-GA-159.dwg

Last Modified :- May 07, 2020 - 2:45PM

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT UP CRR LEVEL	-35.512	-34.293	-33.074	-31.855	-31.375	-30.636	-30.156	-29.417	-28.655	-28.251	-27.699
EXISTING SURFACE LEVEL	4.875	4.319	3.594	3.844	3.867	3.769	3.657	3.567	3.400	3.314	3.783
CHAINAGE	4200.000	4250.000	4300.000	4350.000	4369.694	4400.000	4419.694	4450.000	4481.225	4500.000	4550.000
BATHEMYTRY LEVEL											
ROCK LAYER LEVEL	4.875	4.319	3.594	3.844	3.867	3.769	3.657	3.567	3.400	3.314	3.783

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 11

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

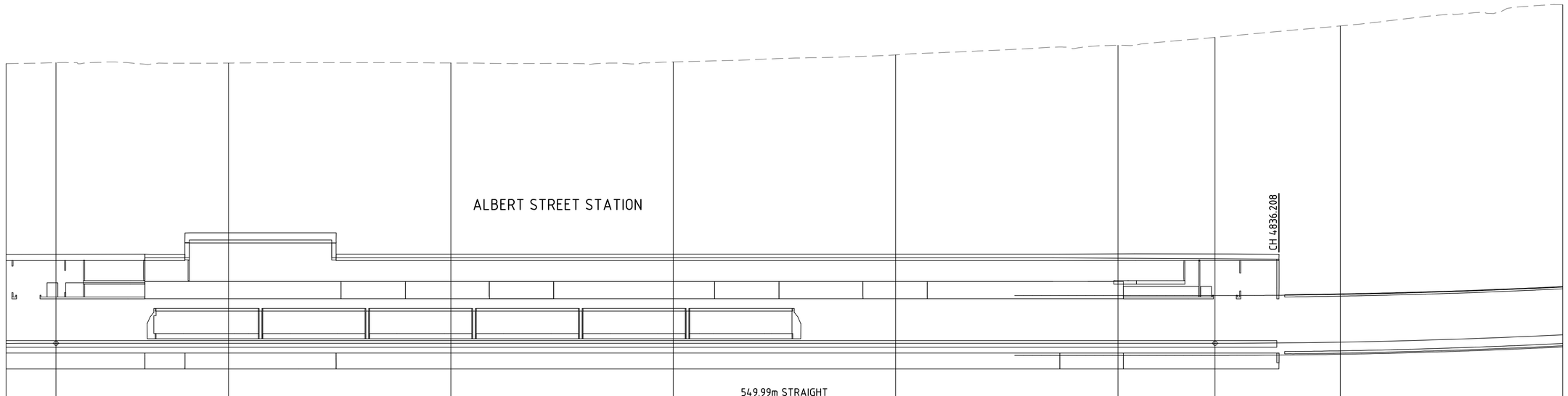
Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)

CAD FILES CRR-0003-LS-GA-160.dwg

Last Modified :- May 07, 2020 - 2:45PM

NOT FOR CONSTRUCTION



HORIZONTAL DATA

VERTICAL DATA

DATUM RL -44.0

L=80 R3281m K=32.8

L=80 R3212m K=32.1

RAIL ALIGNMENT UP CRR LEVEL	-27.699	-27.680	-27.680	-27.680	-27.680	-27.680	-27.680	-27.680	-27.680	-27.556	-26.729
EXISTING SURFACE LEVEL	3.783	3.887	3.842	3.850	3.970	4.765	5.836	6.733	8.016	10.404
CHAINAGE	4550.000	4561.225	4600.000	4650.000	4700.000	4750.000	4800.000	4821.825	4850.000	4900.000
BATHEMYTRY LEVEL										
ROCK LAYER LEVEL	3.783	3.887	3.842	3.850	3.970	4.765	5.836	6.733	8.016	10.404

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-161

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-161.dwg

Last Modified :- May 07, 2020 - 2:45PM

Associated Job Nos

Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 12

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.

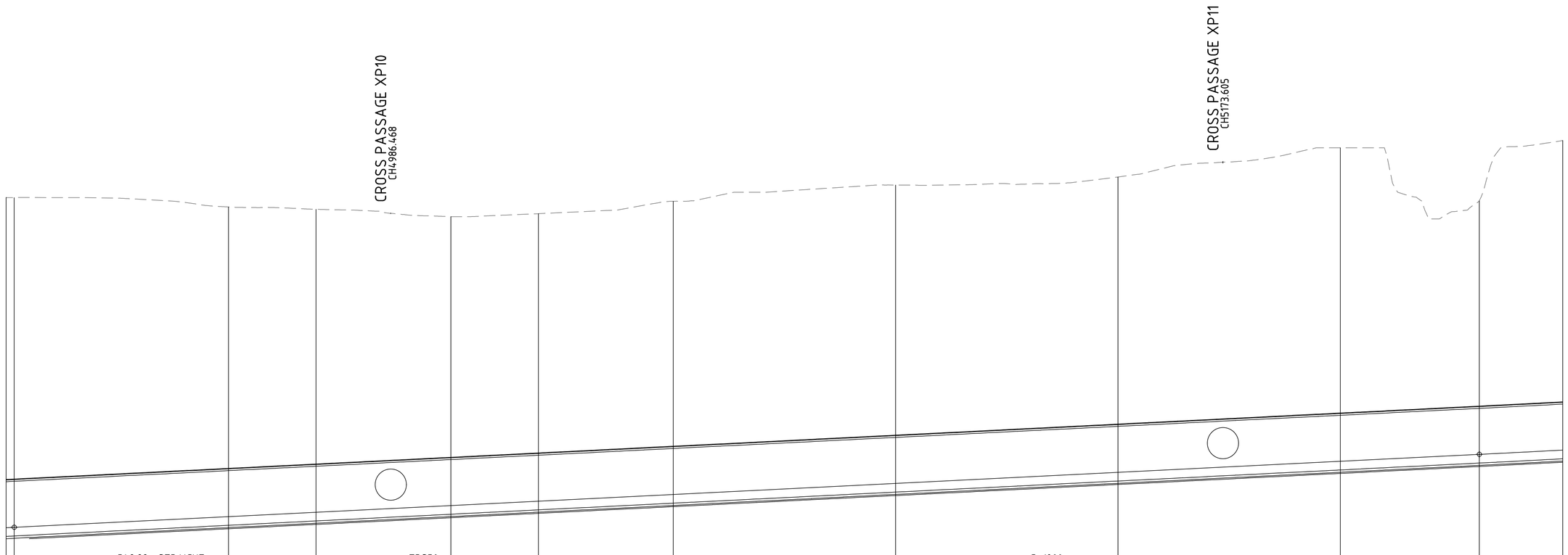
Contract. No.

Drawing No. B

Series Number of

MRR_Detail (02/14)

NOT FOR CONSTRUCTION



HORIZONTAL DATA: 549.99m STRAIGHT | TRS50m | R-1200m

VERTICAL DATA: L=80 R3212m K=32.1 | %2.5 | L=20 R12466m K=124.7

SLAB TRACK - TYPE 2 - HA

DATUM RL -41.0

RAIL ALIGNMENT UP CRR LEVEL	-26.729	-26.684	-25.484	-24.994	-24.239	-23.749	-22.994	-21.748	-20.503	-19.258	-18.480	-17.999
EXISTING SURFACE LEVEL	10.404	10.402	9.352	9.085	8.260	8.594	9.989	11.815	12.715	16.000	10.034	16.830
CHAINAGE	4900.000	4901.825	4950.000	4969.683	5000.000	5019.683	5050.000	5100.000	5150.000	5200.000	5231.228	5250.000
BATHEMYTRY LEVEL												
ROCK LAYER LEVEL	10.404	10.402	9.352	9.085	8.260	8.594	9.989	11.815	12.715	16.000	10.034	16.830

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-162

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-162.dwg

Associated Job Nos
Auxiliary Drg Nos

Survey Data: Datum BCSG02; Horiz. Grid; Height Origin; Survey Books

Scales: NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points: Preceding RP | Dist. to start of job (km) | From start to end of job | From end to Following RP | Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 13

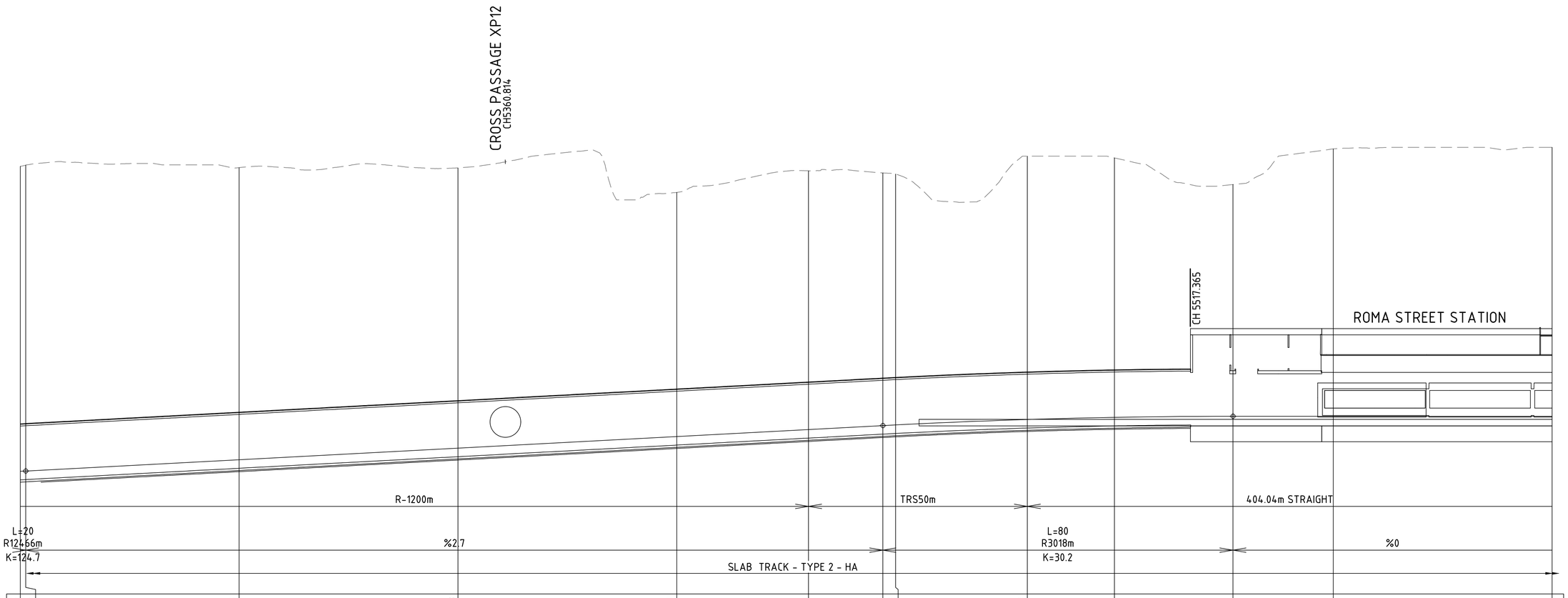
Drawn
Designed

ENGINEERING CERTIFICATION (RPEQ): ENG. AREA | NAME | SIGNATURE | NO. | DATE

CROSSRIVERRAIL

Job No.
Contract. No.
Drawing No. B
Series Number of
MRR_Detail (02/14)

NOT FOR CONSTRUCTION



RAIL ALIGNMENT UP CRR LEVEL	-17.999	-17.966	-16.673	-15.348	-14.022	-13.224	-12.774	-12.698	-12.079	-11.836	-11.714	-11.714	-11.714	-11.714
EXISTING SURFACE LEVEL	16.830	16.973	16.688	16.654	13.854	16.323	16.080	15.956	18.000	17.797	14.755	18.823	19.000	
CHAINAGE	5250.000	5251.228	5300.000	5350.000	5400.000	5430.113	5447.081	5450.000	5480.113	5500.000	5527.081	5550.000	5600.000	
BATHEMYTRY LEVEL														
ROCK LAYER LEVEL	16.830	16.973	16.688	16.654	13.854	16.323	16.080	15.956	18.000	17.797	14.755	18.823	19.000	

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

B	RFPC7 ISSUE		08.05.20	
A	RFPC4 ISSUE		24.04.19	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES CRR-0003-LS-GA-163.dwg

Associated Job Nos

Auxiliary Drg Nos

Survey Data	
Datum	BCSG02
Horiz. Grid	
Height Origin	
Survey Books	

Scales

NOT TO SCALE

Dimensions shown in metres except where shown otherwise

Last Modified :- May 07, 2020 - 2:45PM

BRISBANE CITY
CROSS RIVER RAIL
CHANGED PROJECT 7

Reference Points

Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP

Through Chainage from

RAIL ALIGNMENT LONG SECTION
UP CRR TRACK
SHEET 14

Drawn

Designed

ENGINEERING CERTIFICATION (RPEQ)				
ENG. AREA	NAME	SIGNATURE	NO.	DATE

CROSSRIVERRAIL

Job No.	
Contract. No.	
Drawing No.	B
Series Number	of

MRR_Detail (02/14)