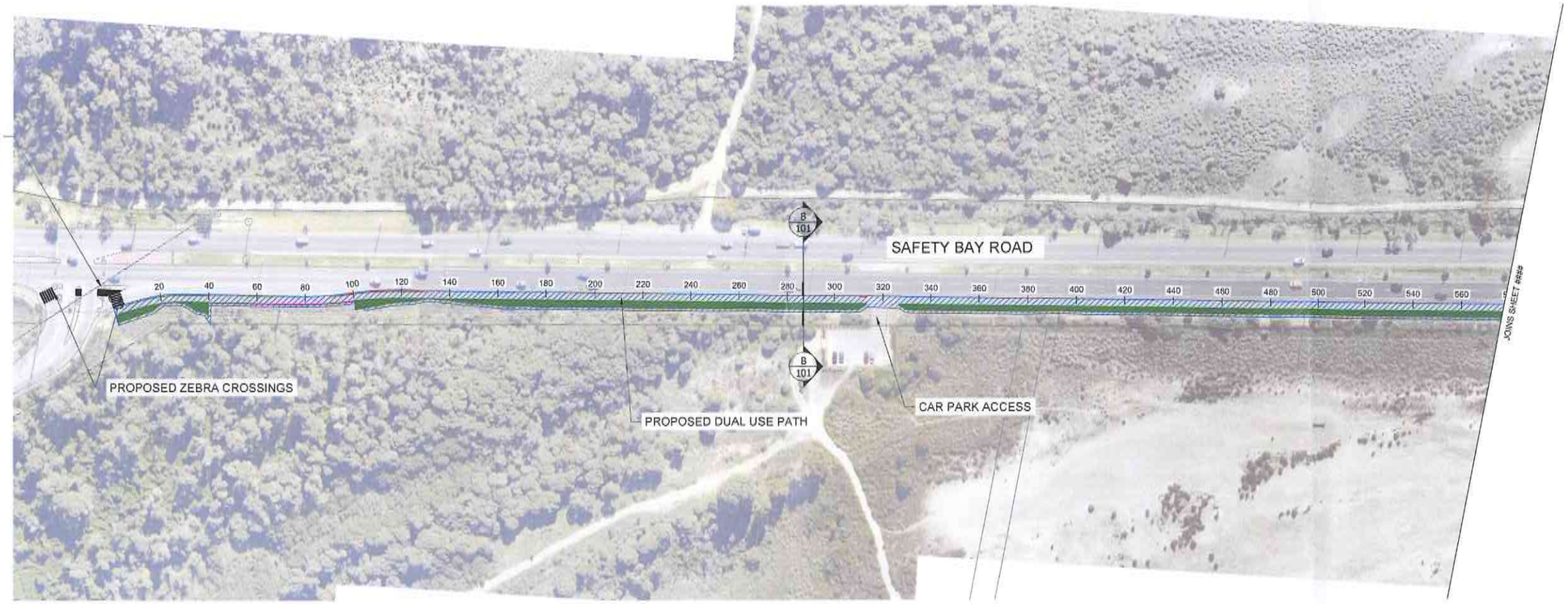


PLAN
SCALE 1:1000

Datum R.L. 2.00

STATION	PROPOSED LEVEL	EXISTING LEVEL	CUT/FILL
0.00	6.13		0.00
20.00	5.73	5.66	0.07
38.91	5.35	5.25	0.08
40.00	5.30	5.28	0.02
60.00	4.97	4.89	0.08
80.00	4.69	4.65	0.04
90.78	4.57	4.60	-0.03
100.00	4.48	4.56	-0.08
120.00	4.35	4.52	-0.17
140.00	4.29	4.30	0.00
142.64	4.29	4.29	0.00
160.00	4.28	4.19	0.09
180.00	4.27	4.23	0.04
200.00	4.26	4.21	0.05
220.00	4.25	4.20	0.05
240.00	4.24	4.20	0.05
260.00	4.23	4.22	0.01
280.00	4.22	4.21	0.01
300.00	4.21	4.20	0.01
320.00	4.20	4.25	-0.05
340.00	4.20	4.19	0.00
360.00	4.19	4.18	0.01
380.00	4.18	4.17	0.00
400.00	4.17	4.16	0.00
420.00	4.16	4.13	0.03
440.00	4.15	4.12	0.02
460.00	4.14	4.13	0.01
480.00	4.13	4.09	0.04
500.00	4.12	4.11	0.01
520.00	4.11	4.07	0.03
540.00	4.10	4.08	0.02
560.00	4.09	4.09	0.00
580.00	4.08		0.03

VERTICAL GEOMETRY: -2.00% 38.92m; VC: 103.7m K: 53.15; -0.05% 454.46m

HORIZONTAL ALIGNMENT: L=11.52m; L=18.30m R=60.00m; L=44.83m; L=23.10m R=160.00m; L=21.73m R=160.00m; L=139.41m; L=207.72m; L=101.96m; L=311.15m

Alignment - DUP STAGE 1
LONGSECTION BETWEEN CH: 0.00 AND 580.00
SCALE 1:1000H 1:200V

LEGEND:

- PROPOSED PATH
- PROPOSED RETAINING WALL
- PROPOSED PATH CONNECTION
- PROPOSED BUS STOP UPGRADE
- PROPOSED CLEARING AREA APPROX. AREA = 23100m²
- CADASTRAL BOUNDARY
- PROPOSED CUT BATTER
- PROPOSED FILL BATTER
- EXISTING POWERPOLE

1:200 @ A1 / 1:400 @ A3: 0 2 4 6 8 10 12 14 16 18 20 m
1:1000 @ A1 / 1:2000 @ A3: 0 10 20 30 40 50 60 70 80 90 100 m

Revision	Amendment	Approved	Revision Date
A	ISSUED TO CLIENT	MT	2014-10-21
B	FOR APPROVAL	MT	2015-02-20

FOR APPROVAL

OPUS
Perth Office
+61 8 9340 9600
PO Box 174
Osborne Park WA 6917
Australia

Drawn	Designed	Approved	Revision Date
HSW	HSW	M THRUSH	2015-02-20

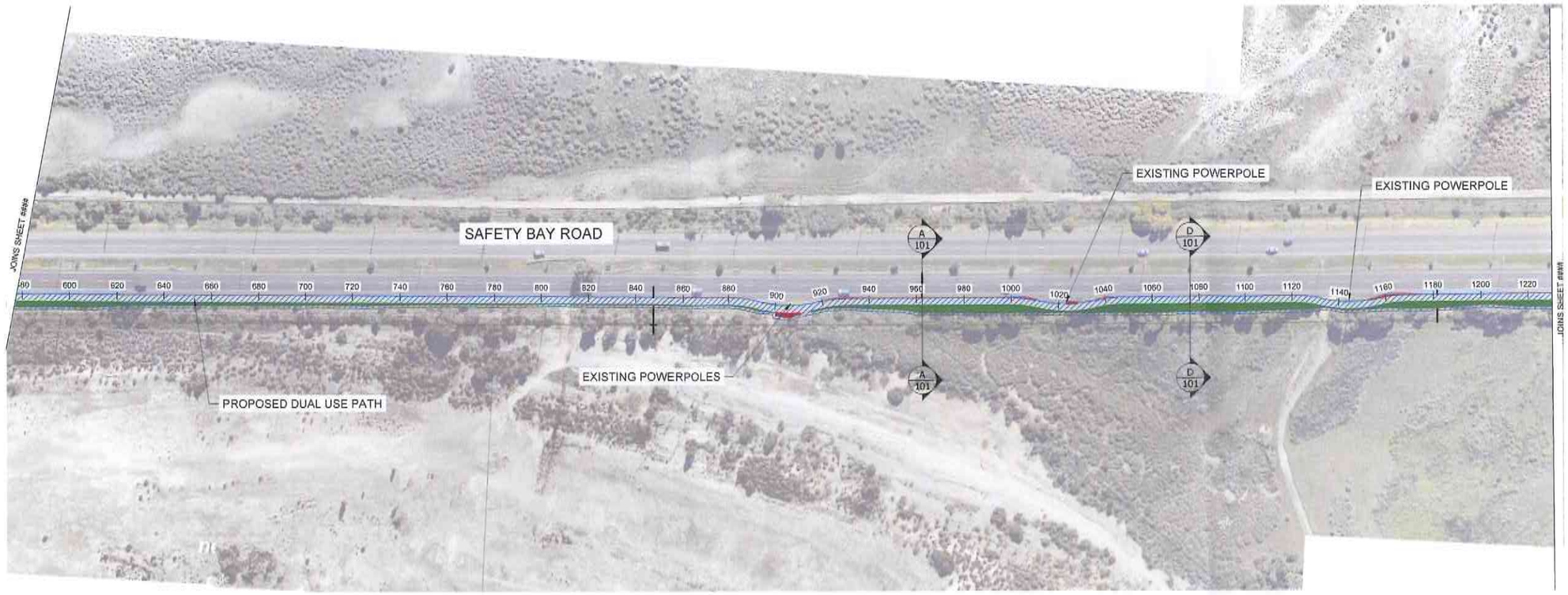
Project No.	Scale
W-P1767.00	AS SHOWN

Project: CITY OF ROCKINGHAM
SAFETY BAY ROAD
PROPOSED DUAL USE PATH

Sheet: PLAN AND PROFILE - STAGE 1
SHEET 1 OF 7

Drawing No.	Sheet No.	Revision
PR_WP176700(13)	041	B

Original Sheet Size A1 [841x594] Plot Date 19 Feb 2015 @ 5:37 PM Path \\cuav01\bu_gen_g\PROJECTS\2015\OPUS\W-P1767.00 SAFETY BAY ROAD\Drafting\PE_WP176700(13) - 041-047(B) - PLAN AND PROFILE.dwg 041



PLAN
SCALE 1:1000

Datum R.L. 2.00

STATION	PROPOSED LEVEL	EXISTING LEVEL	CUT/FILL	VERTICAL GEOMETRY	HORIZONTAL ALIGNMENT
580.00	4.08		0.03	-0.05% 454.46m	L=311.15m
597.11	4.07	4.04	0.02		
600.00	4.08		0.03		
620.00	4.11	4.05	0.05	0.15% 116.22m	
640.00	4.14	4.08	0.06		
660.00	4.17	4.16	0.00		
680.00	4.20	4.21	-0.01		
700.00	4.23	4.23	0.00		
713.33	4.25		0.00		
720.00	4.25	4.24	0.01	0.01% 138.76m	
740.00	4.25	4.25	0.00		
760.00	4.26	4.27	-0.01		
780.00	4.26	4.25	0.01		
800.00	4.26	4.25	0.01		
820.00	4.26	4.26	0.00		
840.00	4.26	4.27	0.00		
852.89	4.26		0.01		
860.00	4.26	4.25	0.00	-0.07% 28.11m	
880.00	4.24	4.26	-0.01		
890.20	4.24		-0.01	VC: 20.0m K: 12.99	L=12.85m R=50.00m
900.00	4.20		-0.01		
900.20	4.20	3.97	0.11		
904.45	4.08		0.11	VC: 10.0m K: 3.54	L=25.83m R=50.00m
909.45	4.01		0.01		
910.15	3.96		0.03		
914.45	3.96	4.10	0.02		
920.00	3.99		0.00		
923.72	4.06		-0.04	VC: 10.0m K: 17.17	L=12.86m R=50.00m
933.72	4.10		-0.06		
940.00	4.19		-0.04		
943.72	4.22	4.24	-0.02		
960.00	4.23	4.25	-0.01	0.05% 52.28m	L=68.24m
980.00	4.24	4.23	-0.02		
996.00	4.25		0.01		
996.14	4.25		0.00		
1000.00	4.25	4.25	0.00		
1004.66	4.23		-0.02		
1012.00	4.14		-0.04	VC: 16.0m K: 2.72	L=12.00m R=50.00m
1016.00	3.97		0.02		
1020.00	3.44		0.04		
1023.00	3.35		0.00	VC: 10.0m K: 0.87	L=24.00m R=50.00m
1023.08	3.29		-0.01		
1026.00	3.29		-0.03		
1034.00	3.43		-0.01	VC: 16.0m K: 2.84	L=12.00m R=50.00m
1040.66	3.77		0.01		
1042.00	4.05		-0.05		
1049.99	4.11		0.02		
1050.00	4.22		0.02		
1060.00	4.22	4.18	0.04	-0.00% 70.87m	L=73.29m
1080.00	4.22	4.19	0.03		
1100.00	4.22	4.20	0.02		
1120.00	4.22	4.19	0.03		
1120.67	4.22		0.03		
1130.87	4.14	3.95	0.05	VC: 20.0m K: 6.86	L=12.04m R=50.00m
1140.67	3.95		0.00		
1140.99	3.95		0.05		
1141.66	3.90		0.01	VC: 20.0m K: 3.33	L=24.08m R=50.00m
1151.34	3.76	4.04	0.00		
1151.62	3.76		-0.01		
1160.00	3.87		-0.17		
1161.62	3.92		-0.16	VC: 15.9m K: 5.31	L=12.04m R=50.00m
1161.99	3.93		-0.16		
1169.96	4.12		-0.06		
1177.95	4.19	4.19	0.00		
1180.00	4.19		0.00	0.09% 61.84m	L=71.79m
1200.00	4.21	4.21	0.00		
1220.00	4.22	4.23	-0.01		
1233.87	4.24		0.01		

Alignment - DUP STAGE 1
LONGSECTION BETWEEN CH: 580.00 AND 1233.87
SCALE 1:1000H 1:200V

LEGEND:

- PROPOSED PATH
- PROPOSED RETAINING WALL
- PROPOSED PATH CONNECTION
- PROPOSED BUS STOP UPGRADE
- PROPOSED CLEARING AREA APPROX. AREA = 23100m²
- CADASTRAL BOUNDARY
- PROPOSED CUT BATTER
- PROPOSED FILL BATTER
- EXISTING POWERPOLE

1:200 @ A1 / 1:400 @ A3 — 0 2 4 6 8 10 12 14 16 18 20 m
1:1000 @ A1 / 1:2000 @ A3 — 0 10 20 30 40 50 60 70 80 90 100 m

Revision	Amendment	Approved	Revision Date
A	ISSUED TO CLIENT	MT	2014-10-21
B	FOR APPROVAL	MT	2015-02-20

FOR APPROVAL

OPUS
Perth Office
+61 8 9340 9900
PO Box 174
Osborne Park WA 6917
Australia

Drawn	Designed	Approved	Revision Date
HSW	HSW	M THRUSH	2015-02-20

Project No.	Scale
W-P1767.00	AS SHOWN

Project: CITY OF ROCKINGHAM
SAFETY BAY ROAD
PROPOSED DUAL USE PATH

Sheet: PLAN AND PROFILE - STAGE 1
SHEET 2 OF 7

Drawing No.	Sheet No.	Revision
PR_WP176700(13)	042	B

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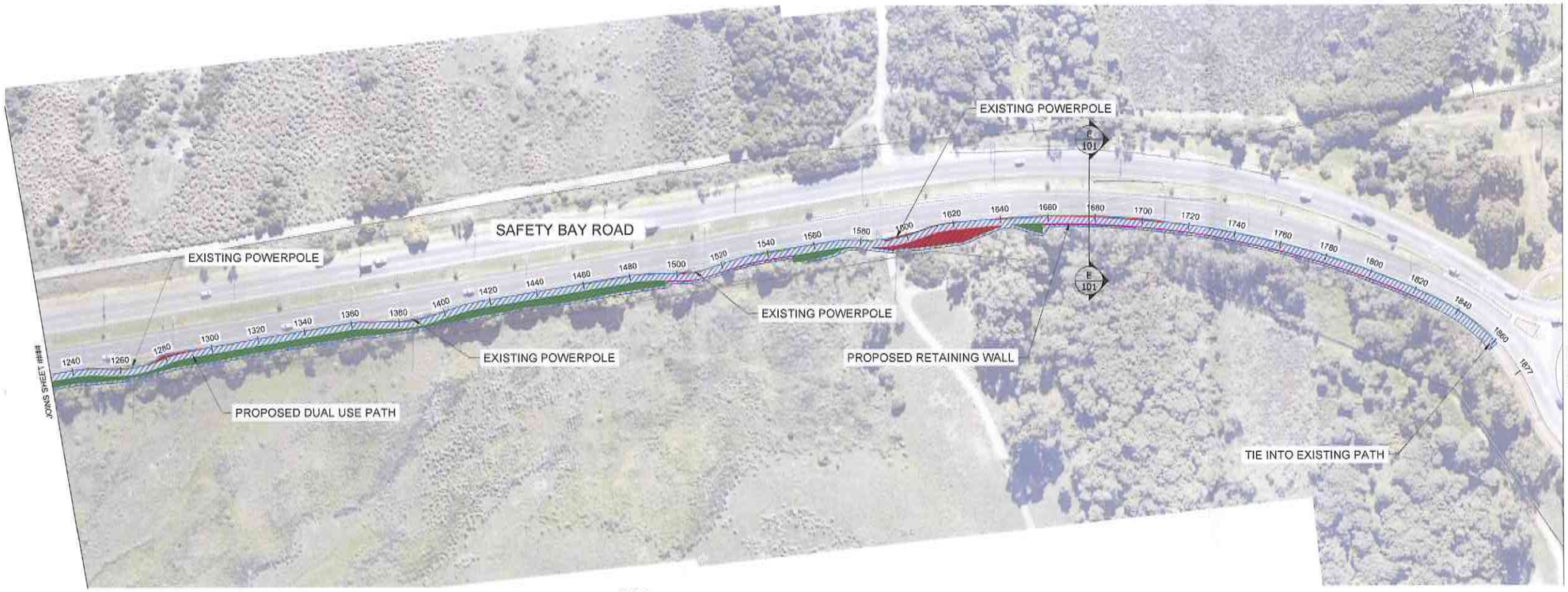
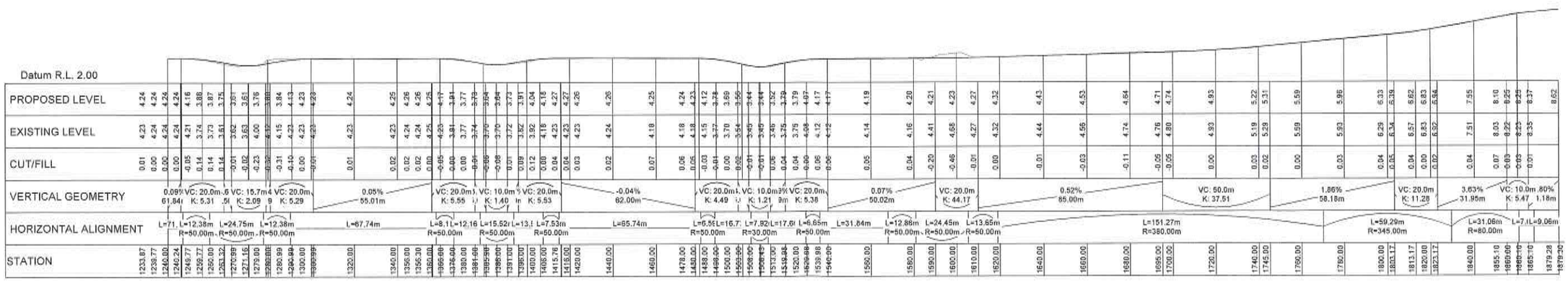


PLAN
SCALE 1:1000



Alignment - DUP STAGE 1
LONGSECTION BETWEEN CH: 1233.87 AND 1879.30
SCALE 1:1000H 1:200V

LEGEND:

- PROPOSED PATH
- PROPOSED RETAINING WALL
- PROPOSED PATH CONNECTION
- PROPOSED BUS STOP UPGRADE
- PROPOSED CLEARING AREA APPROX. AREA = 23100m²
- CADASTRAL BOUNDARY
- PROPOSED CUT BATTER
- PROPOSED FILL BATTER
- EXISTING POWERPOLE

1:200 @ A1 / 1:400 @ A3: 0 2 4 6 8 10 12 14 16 18 20 m
1:1000 @ A1 / 1:2000 @ A3: 0 10 20 30 40 50 60 70 80 90 100 m

Revision	Amendment	Approved	Revision Date
A	ISSUED TO CLIENT	MT	2014-10-21
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OPUS
Perth Office
+61 8 9340 9900
PO Box 174
Osborne Park WA 6017
Australia

Drawn	Designed	Approved	Revision Date
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Project No.	Scale	Drawing No.	Sheet No.	Revision
W-P1767.00	AS SHOWN	PR_WP176700(13)	043	B

Project
CITY OF ROCKINGHAM
SAFETY BAY ROAD
PROPOSED DUAL USE PATH

Sheet
PLAN AND PROFILE - STAGE 1
SHEET 3 OF 7

Original Sheet Size A1 [841x594] Plot Date 19 Feb 2015 @ 5:39 PM Path \\busv01\bu_gen_g\PROJECTS\2015\OPUSW-P1767.00 SAFETY BAY ROAD\Drafting\PE_WP176700(13) - 041-047(B) - PLAN AND PROFILE.dwg 043