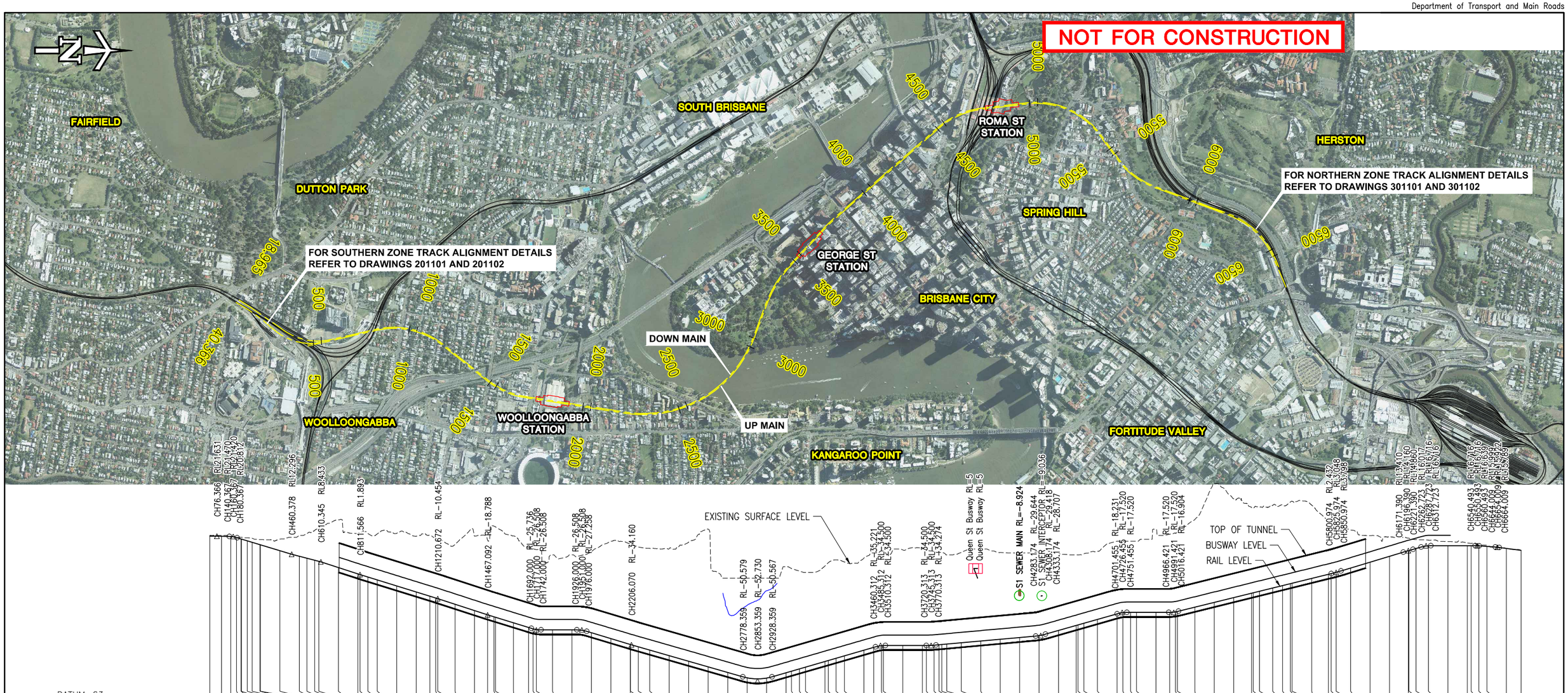
NOT FOR CONSTRUCTION



VERTICAL DETAILS

0.000% -0.251% -3.041% -2.576% -3.250% -3.094% -3.250% -3.089% 0.000% -3.000% -2.869% 2.885% 0.000% 0.903% 2.844% 0.000% 2.465% 3.000% 2.799% 0.000% -0.767% -1.330%

R=1433.711 R=1618.512 R=1666.688 R=2607.008 R=1733.240 R=5537.684 R=2575.228 R=1757.790 R=2028.766 R=9340.246 R=24863.744 R=1786.496 R=2606.161 R=3553.045

HORIZONTAL DETAILS

L=71.580 L=35.418 R=-300.000 L=40.000 L=40.000 L=40.000 R=-300.000 L=40.000 L=232.934 L=40.000 R=400.000 L=40.000 L=256.419 L=40.000 R=-406.000 L=40.000 L=483.863 L=40.000 R=-606.000 L=40.000 L=148.126 L=40.000 R=600.000 L=40.000 L=230.145 L=40.000 R=-400.000 L=40.000 L=664.272 L=40.000 R=400.000 L=40.000 L=200.567 L=40.000 R=400.000 L=40.000 L=119.166 L=40.000 R=-406.000 L=40.000 L=370.417 L=40.000 R=400.000 L=40.000 L=145.532 L=70.756

CHAINAGES	DESIGN LEVELS	EXISTING LEVELS	LEVEL DIFFERENCE
40.366	21.631	22.033	0.402
100.000	21.572	22.000	0.428
147.365	21.436	21.305	-0.131
177.365	21.305	21.000	0.785
200.000	21.000	21.000	0.100
202.479	20.900	21.000	0.861
232.479	20.215	20.753	1.526
257.665	20.139	21.000	0.861
297.665	19.227	19.826	0.599
300.000	18.461	20.551	2.090
400.000	17.245	19.824	2.581
500.000	17.174	20.105	2.651
538.631	14.132	22.000	5.972
578.631	11.275	22.969	10.725
600.000	10.280	23.583	12.689
700.000	9.250	25.736	15.333
800.000	8.699	29.994	17.036
811.565	5.519	23.093	24.475
851.565	2.269	23.535	20.824
900.000	1.893	23.061	21.642
1000.000	0.656	22.753	22.095
1100.000	-0.843	23.102	23.596
1170.673	-3.936	21.586	27.039
1200.000	-7.030	22.058	28.616
1210.673	-9.216	20.885	31.274
1300.000	-10.123	20.490	31.009
1400.000	-10.454	17.379	30.736
1467.092	-13.357	21.592	38.199
1500.000	-16.607	19.541	38.329
1507.092	-18.788	26.679	46.483
1600.000	-19.804	26.429	46.453
1677.353	-20.023	21.703	44.596
1700.000	-22.894	15.849	41.133
1717.353	-25.283	15.232	41.195
1800.000	-25.963	14.712	41.032
1900.000	-26.320	12.000	38.508
2000.000	-26.508	12.034	38.542
2100.000	-27.978	13.718	41.696
2200.000	-30.978	19.000	49.978
2201.216	-33.978	17.528	51.506
2241.216	-34.014	17.475	51.489
2300.000	-35.168	16.043	51.212
2400.000	-36.855	15.330	52.184
2500.000	-39.724	15.191	54.915
2600.000	-42.593	18.551	61.144
2700.000	-45.462	25.209	70.671
2800.000	-48.331	0.000	48.331
2900.000	-51.110	0.000	51.110
3000.000	-51.231	0.000	51.231
3028.450	-48.500	6.000	54.500
3068.450	-47.679	4.986	52.666
3100.000	-46.526	3.724	50.249
3200.000	-45.615	3.000	48.615
3216.575	-42.731	6.342	49.072
3256.575	-42.252	7.956	50.209
3300.000	-41.099	9.445	50.543
3400.000	-39.846	8.367	48.213
3450.440	-36.961	10.340	47.301
3490.440	-35.506	13.000	48.506
3500.000	-34.614	14.000	48.614
3600.000	-34.531	14.000	48.531
3700.000	-34.500	14.529	49.029
3720.585	-34.500	15.244	49.744
3760.585	-34.500	14.532	49.032
3785.703	-34.354	13.799	48.153
3800.000	-34.135	13.398	47.534
3825.703	-34.006	13.225	47.231
3900.000	-33.774	12.000	45.774
4000.000	-33.103	13.260	46.363
4100.000	-32.200	15.000	47.200
4200.000	-31.298	13.221	44.519
4300.000	-30.395	12.688	43.083
4400.000	-29.437	13.634	43.071
4489.975	-26.806	12.809	39.615
4500.000	-24.247	12.000	36.247
4529.975	-23.961	12.000	35.961
4600.000	-23.109	12.570	35.679
4700.000	-21.117	13.832	34.948
4729.870	-18.272	19.000	37.272
4769.870	-17.653	19.000	36.653
4800.000	-17.520	19.000	36.520
4900.000	-17.520	25.000	42.520
4970.437	-17.516	22.584	40.100
5000.000	-17.242	23.164	40.406
5010.437	-17.043	23.878	40.921
5100.000	-14.844	30.150	44.994
5200.000	-12.379	48.566	60.946
5300.000	-9.915	40.789	50.704
5391.574	-7.658	36.250	43.908
5400.000	-7.450	36.000	43.450
5431.574	-6.672	36.668	43.340
5500.000	-4.986	37.434	42.420
5550.740	-3.735	37.704	41.439
5590.740	-2.749	39.158	41.907
5600.000	-2.521	39.509	42.030
5700.000	-0.057	37.551	37.608
5785.974	2.062	29.535	27.472
5800.000	2.408	28.513	26.105
5825.974	3.081	26.876	23.795
5900.000	5.269	24.824	19.555
6000.000	8.269	21.904	13.635
6100.000	11.268	21.391	10.123
6196.391	14.147	20.639	6.491
6200.000	14.252	20.550	6.298
6236.391	15.280	19.843	4.563
6300.000	16.671	19.551	2.880
6400.000	16.716	18.840	2.124
6500.000	16.716	18.131	1.414
6519.129	16.716	17.926	1.210
6559.129	16.650	17.136	0.486
6600.000	16.336	16.921	0.585
6700.000	15.310	15.356	0.046
6775.417	14.307	14.307	-0.000

3	ISSUED FOR EIS		08/08/14	
2	ISSUED FOR EIS		01/08/14	
1	REVISED REFERENCE DESIGN		30/06/14	
0	REFERENCE DESIGN		06/06/14	
	Revisions/Descriptions	Certification	Date	Microfiled

CAD FILES C:\users\gdclark\appdata\local\projectwise\bat project\dms04434\UBAT-B-3-30-00-DG-101101.dwg

Associated Job Nos

Auxiliary Drg Nos

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

Scales: SCALE V HOR 0 100 200 300 400 500m — 1 : 20000 (A3) 1 : 10000 (A1); SCALE A VERT 0 10 20 30 40 50m — 1 : 2000 (A3) 1 : 1000 (A1)

Dimensions shown in metres except where shown otherwise

Last Modified :- Aug 14, 2014 - 10:39am

BRISBANE CITY
BaT (BUS AND TRAIN PROJECT)
REFERENCE DESIGN

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
PLAN AND LONGITUDINAL SECTION
UP MAIN

Drawn M.H.Q

Designed S.A.L

ENGINEERING CERTIFICATION

ENG. AREA	NAME	SIGNATURE	NO.	DATE
LEAD	A.WATT	A.D.W		08/08/14

Queensland Government

Job No.

Contract. No.

Drawing No. 101101 3

Series Number 1 of 1

MRR_Detail (06/13)