NOT FOR CONSTRUCTION

LEGEND

- TOP OF BANK
- BOTTOM OF BANK
- FOOTBRIDGE
- ROAD BRIDGE/CULVERT
- PATH
- GUM TREE
- NATIVE TREE
- EXOTIC TREE
- PINE TREE

LITTLEHAMPTON CREEK

MOUNT BARKER CREEK

N

WESTERN FLAT CREEK

NEARMAP AERIAL PHOTOGRAPH (AUGUST 2014)

PLAN VIEW

SCALE 1:2500

0 40 80 120 160 200m

20 SCALE 1:2500

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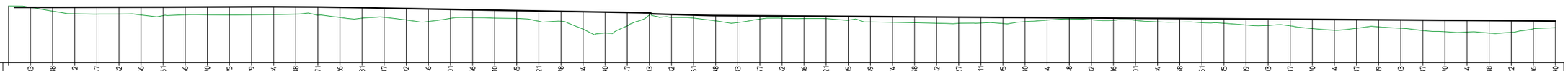
SHEET No.	01
DRAWING No.	14042
DATE	JUNE 2016

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER

PROJECT
MOUNTAIN BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
SITE ANALYSIS PLAN

NOT FOR CONSTRUCTION



DATUM: 312.0

CHAINAGE	EXISTING	DIFFERENCE	TOP OF LEVEE
0.000	318.384		
5.000	318.225	0.008	318.233
10.000	317.804	0.434	318.238
15.000	317.506	0.737	318.242
20.000	317.465	0.782	318.247
25.000	317.476	0.775	318.252
30.000	317.371	0.885	318.256
35.000	317.296	0.965	318.261
40.000	317.391	0.874	318.266
45.000	317.403	0.867	318.270
50.000	317.382	0.892	318.275
55.000	317.384	0.895	318.279
60.000	317.424	0.860	318.284
65.000	317.469	0.819	318.288
70.000	317.350	0.921	318.271
75.000	317.091	1.135	318.226
80.000	317.004	1.177	318.181
85.000	317.114	1.022	318.137
90.000	316.812	1.279	318.092
95.000	316.630	1.417	318.046
100.000	316.983	1.018	318.001
105.000	317.065	0.891	317.956
110.000	317.007	0.904	317.910
115.000	316.978	0.887	317.865
120.000	316.658	1.163	317.821
125.000	316.662	1.116	317.778
130.000	315.782	1.953	317.734
135.000	315.350	2.341	317.690
140.000	316.142	1.505	317.647
145.000	317.375	0.228	317.603
150.000	317.107	0.325	317.432
155.000	317.019	0.342	317.361
160.000	316.703	0.595	317.298
165.000	316.522	0.761	317.283
170.000	316.903	0.364	317.267
175.000	316.995	0.257	317.252
180.000	316.976	0.260	317.236
185.000	316.950	0.270	317.221
190.000	316.779	0.426	317.205
195.000	316.582	0.608	317.189
200.000	316.543	0.631	317.174
205.000	316.502	0.656	317.158
210.000	316.443	0.699	317.142
215.000	316.431	0.696	317.127
220.000	316.472	0.639	317.111
225.000	316.408	0.688	317.095
230.000	316.610	0.469	317.080
235.000	316.796	0.267	317.064
240.000	316.914	0.134	317.048
245.000	316.829	0.203	317.032
250.000	316.772	0.244	317.016
255.000	316.763	0.237	317.001
260.000	316.599	0.386	316.984
265.000	316.570	0.397	316.968
270.000	316.511	0.440	316.951
275.000	316.435	0.500	316.935
280.000	316.237	0.681	316.919
285.000	316.183	0.720	316.903
290.000	316.145	0.742	316.887
295.000	315.837	1.034	316.870
300.000	315.645	1.210	316.854
305.000	315.873	0.964	316.837
310.000	316.021	0.798	316.819
315.000	315.869	0.933	316.803
320.000	315.607	1.180	316.787
325.000	315.477	1.294	316.770
330.000	315.445	1.310	316.754
335.000	315.323	1.415	316.738
340.000	315.410	1.311	316.722
345.000	315.811	0.895	316.706
350.000	315.937	0.753	316.690

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3

PLAN VIEW

SCALE 1:1000 @ A3

LEGEND

LEVEE BANK

TREE TO BE REMOVED

0 5 10 15 20m
5 SCALE 1:1000m

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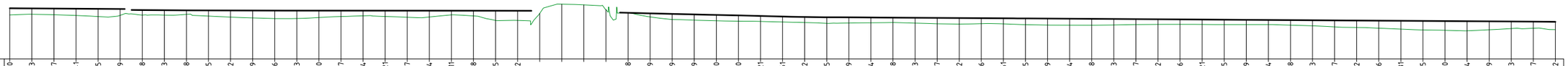
SHEET No.	01
DRAWING No.	14042
DATE	30/06/2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 1 - LEVEE DETAIL

NOT FOR CONSTRUCTION

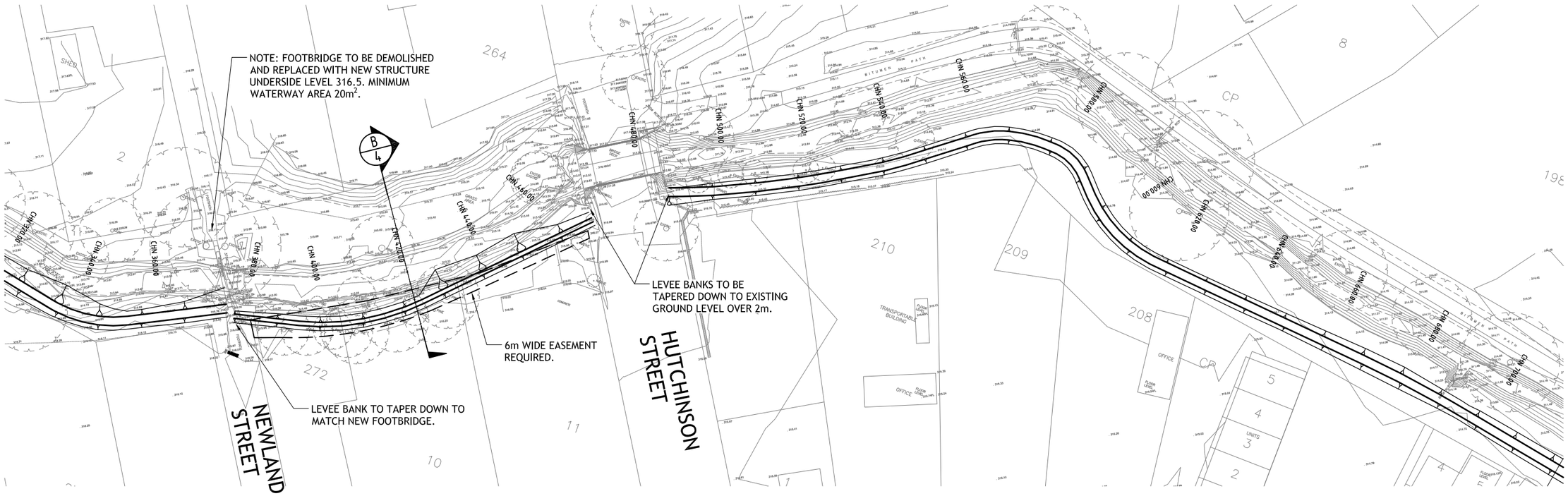


DATUM: 311.0

CHAINAGE	TOP OF LEVEE	DIFFERENCE	EXISTING
350.000	316.690	0.753	315.937
355.000	316.673	0.660	316.013
360.000	316.657	0.698	315.959
365.000	316.641	0.758	315.883
370.000	316.625	0.865	315.760
375.000	316.609	0.709	315.900
380.000	316.488	0.555	315.933
385.000	316.463	0.534	315.929
390.000	316.448	0.443	316.005
395.000	316.445	0.640	315.806
400.000	316.442	0.760	315.683
405.000	316.439	0.834	315.606
410.000	316.436	0.914	315.523
415.000	316.433	0.881	315.552
420.000	316.430	0.778	315.652
425.000	316.427	0.668	315.759
430.000	316.424	0.587	315.837
435.000	316.421	0.652	315.768
440.000	316.417	0.737	315.681
445.000	316.414	0.708	315.707
450.000	316.411	0.464	315.947
455.000	316.408	0.579	315.829
460.000	316.405	1.081	315.324
465.000	316.402	1.079	315.322
470.000			316.111
475.000			317.149
480.000			317.066
485.000			316.534
490.000	316.178	0.010	316.169
495.000	316.119	0.414	315.705
500.000	316.059	0.636	315.424
505.000	315.999	0.643	315.356
510.000	315.940	0.659	315.281
515.000	315.880	0.636	315.245
520.000	315.821	0.613	315.208
525.000	315.761	0.612	315.150
530.000	315.702	0.618	315.084
535.000	315.685	0.689	314.996
540.000	315.669	0.641	315.028
545.000	315.654	0.596	315.058
550.000	315.638	0.546	315.092
555.000	315.623	0.606	315.017
560.000	315.607	0.660	314.947
565.000	315.592	0.676	314.916
570.000	315.576	0.620	314.956
575.000	315.561	0.626	314.934
580.000	315.545	0.692	314.853
585.000	315.529	0.728	314.801
590.000	315.514	0.723	314.791
595.000	315.498	0.699	314.799
600.000	315.483	0.678	314.805
605.000	315.467	0.609	314.858
610.000	315.452	0.571	314.880
615.000	315.436	0.551	314.885
620.000	315.421	0.549	314.872
625.000	315.405	0.543	314.862
630.000	315.389	0.529	314.860
635.000	315.374	0.515	314.859
640.000	315.358	0.569	314.789
645.000	315.343	0.623	314.720
650.000	315.327	0.730	314.598
655.000	315.312	0.781	314.531
660.000	315.296	0.843	314.453
665.000	315.281	0.933	314.348
670.000	315.265	1.013	314.252
675.000	315.250	1.035	314.214
680.000	315.234	1.076	314.158
685.000	315.219	0.942	314.276
690.000	315.203	0.797	314.405
695.000	315.187	0.747	314.440
700.000	315.172	0.881	314.291

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3



PLAN VIEW

SCALE 1:1000 @ A3

LEGEND

LEVEE BANK

TREE TO BE REMOVED

0 5 10 15 20m
5 SCALE 1:1000m

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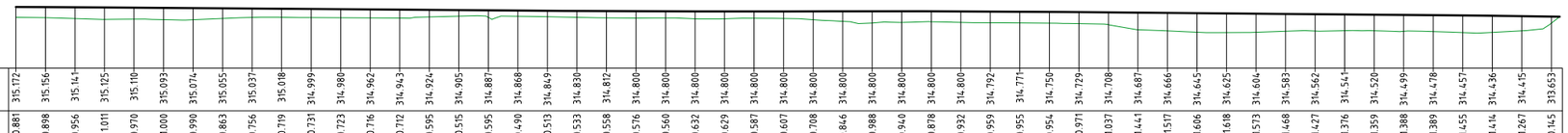
SHEET No.	02
DRAWING No.	14042
DATE	30/06/2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 1 - LEVEE DETAIL

NOT FOR CONSTRUCTION



DATUM: 310.0

CHAINAGE	EXISTING	DIFFERENCE	TOP OF LEVEE
700.000	314.291	0.881	315.172
705.000	314.258	0.898	315.156
710.000	314.185	0.956	315.141
715.000	314.114	1.011	315.125
720.000	314.140	0.970	315.110
725.000	314.093	1.000	315.093
730.000	314.084	0.990	315.074
735.000	314.192	0.863	315.055
740.000	314.281	0.756	315.037
745.000	314.298	0.719	315.018
750.000	314.268	0.731	314.999
755.000	314.258	0.723	314.980
760.000	314.245	0.716	314.962
765.000	314.230	0.712	314.943
770.000	314.329	0.595	314.924
775.000	314.391	0.515	314.905
780.000	314.291	0.595	314.887
785.000	314.378	0.490	314.868
790.000	314.337	0.513	314.849
795.000	314.298	0.533	314.830
800.000	314.254	0.558	314.812
805.000	314.224	0.576	314.800
810.000	314.240	0.560	314.800
815.000	314.168	0.632	314.800
820.000	314.171	0.629	314.800
825.000	314.213	0.587	314.800
830.000	314.193	0.607	314.800
835.000	314.092	0.708	314.800
840.000	313.954	0.846	314.800
845.000	313.812	0.988	314.800
850.000	313.860	0.940	314.800
855.000	313.922	0.878	314.800
860.000	313.868	0.932	314.800
865.000	313.833	0.959	314.792
870.000	313.816	0.955	314.771
875.000	313.796	0.954	314.750
880.000	313.759	0.971	314.729
885.000	313.672	1.037	314.708
890.000	313.246	1.441	314.687
895.000	313.149	1.517	314.666
900.000	313.039	1.606	314.645
905.000	313.007	1.618	314.625
910.000	313.030	1.573	314.604
915.000	313.114	1.468	314.583
920.000	313.134	1.427	314.562
925.000	313.165	1.376	314.541
930.000	313.161	1.359	314.520
935.000	313.111	1.388	314.499
940.000	313.089	1.389	314.478
945.000	313.002	1.455	314.457
950.000	313.022	1.414	314.436
955.000	313.148	1.267	314.415
960.000	313.798	0.145	313.653

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3

PLAN VIEW

SCALE 1:1000 @ A3

LEGEND

LEVEE BANK

TREE TO BE REMOVED

0 5 10 15 20m
5 SCALE 1:1000m

southfront

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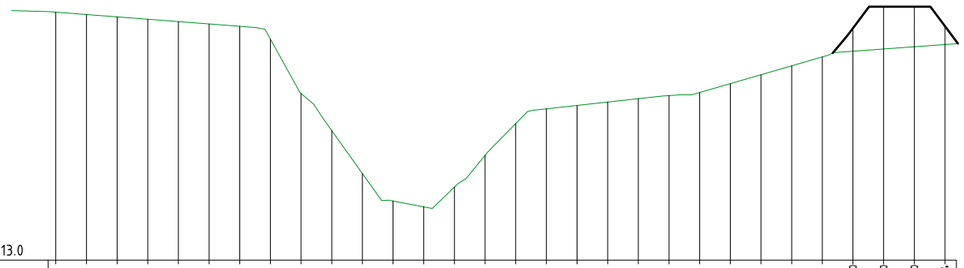
SHEET No.	03
DRAWING No.	14042
DATE	30/06/2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 1 - LEVEE DETAIL

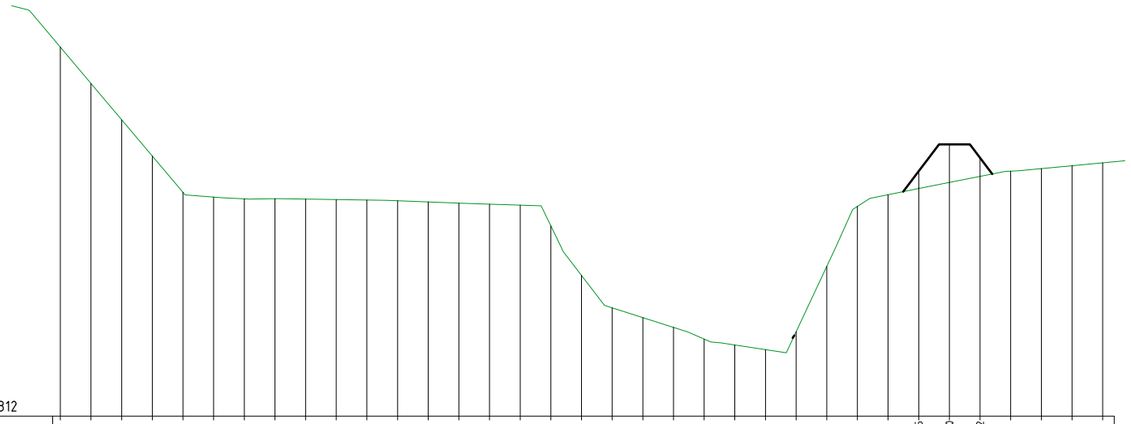
NOT FOR CONSTRUCTION



DATUM: 313.0

LEVEE TOP																											316.780	317.130	317.130	316.814
EXISTING	317.042	317.003	316.965	316.926	316.888	316.849	316.811	316.600	315.717	315.111	314.411	313.964	313.869	314.191	314.707	315.224	315.466	315.521	315.577	315.632	315.682	315.732	315.877	316.021	316.166	316.311				
DIFFERENCE																														
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000

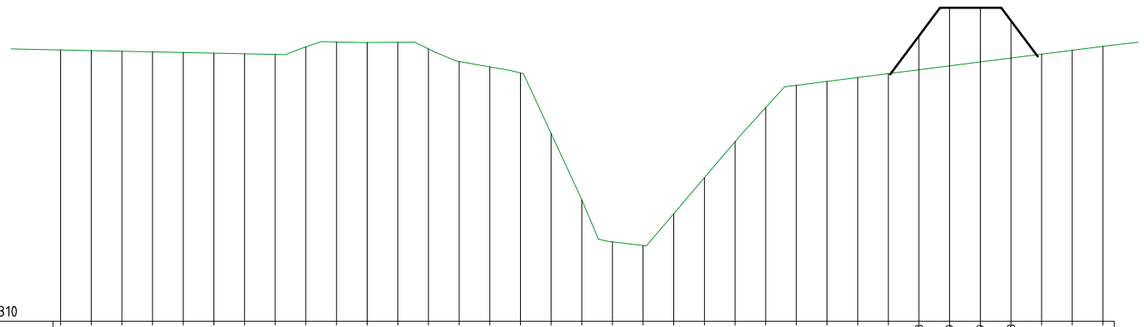
SECTION A/1
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



DATUM: 312

LEVEE TOP																											315.995	316.430	316.212					
EXISTING	318.015	317.422	316.831	316.241	315.650	315.571	315.542	315.545	315.539	315.531	315.524	315.512	315.492	315.472	315.455	315.439	315.100	314.294	313.766	313.607	313.447	313.256	313.160	313.084	313.375	314.442	315.419	315.610	315.711	315.810	315.909	315.995	316.036	316.083	316.130
DIFFERENCE																													0.284	0.620	0.303				
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	32.000	33.000	34.000

SECTION B/2
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



DATUM: 310

LEVEE TOP																											314.653	315.109	315.109	314.898				
EXISTING	314.421	314.411	314.401	314.391	314.380	314.370	314.360	314.349	314.473	314.552	314.542	314.547	314.439	314.233	314.146	314.047	313.061	311.978	311.294	311.234	311.753	312.340	312.927	313.485	313.846	313.910	313.973	314.037	314.100	314.164	314.227	314.291	314.354	314.418	314.481
DIFFERENCE																													0.553	0.945	0.881	0.607			
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	32.000	33.000	34.000

SECTION C/3
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100

0 0.5 1 1.5 2.0m
0.5 SCALE 1:100m

0 1 2 3 4 5m
1 SCALE 1:200m

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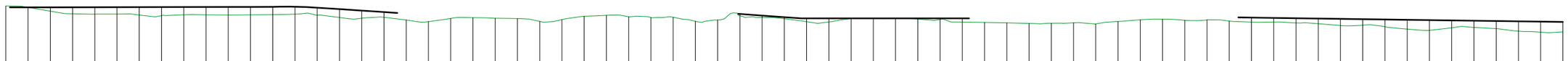
SHEET No. 04
DRAWING No. 14042
DATE 30/06/2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 1 - LEVEE DETAIL

NOT FOR CONSTRUCTION

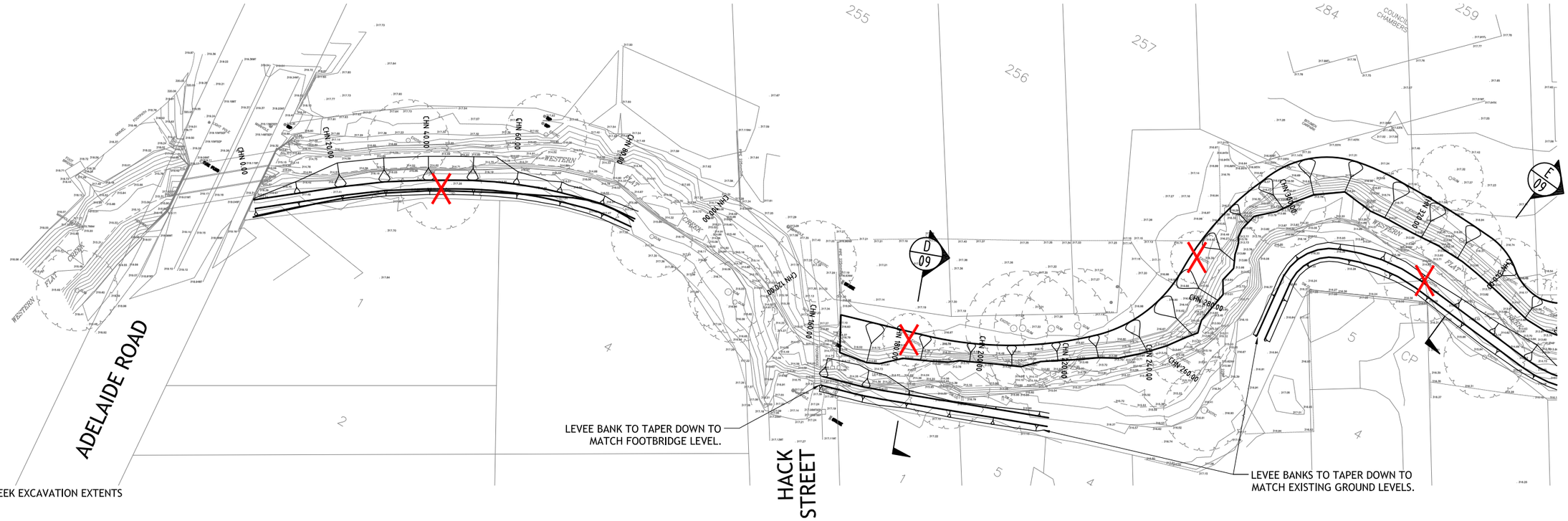


DATUM: 312

CHAINAGE	EXISTING	DIFFERENCE	TOP OF LEVEE
0.000	318.384		
5.000	318.225	0.009	318.234
10.000	317.804	0.434	318.238
15.000	317.506	0.737	318.243
20.000	317.465	0.783	318.247
25.000	317.476	0.776	318.252
30.000	317.371	0.886	318.257
35.000	317.296	0.966	318.261
40.000	317.391	0.875	318.266
45.000	317.403	0.868	318.271
50.000	317.382	0.893	318.275
55.000	317.384	0.896	318.280
60.000	317.424	0.860	318.284
65.000	317.469	0.820	318.289
70.000	317.350	0.846	318.196
75.000	317.091	0.938	318.029
80.000	317.004	0.861	317.865
85.000	317.114	0.586	317.701
90.000	316.812		
95.000	316.630		
100.000	316.983		
105.000	317.065		
110.000	317.007		
115.000	316.978		
120.000	316.658		
125.000	316.853		
130.000	317.235		
135.000	317.337		
140.000	317.177		
145.000	317.091		
150.000	317.119		
155.000	316.671		
160.000	316.816		
165.000	317.291	0.195	317.486
170.000	317.102	0.198	317.300
175.000	316.955	0.171	317.126
180.000	316.623	0.377	317.000
185.000	316.589	0.411	317.000
190.000	316.977	0.023	317.000
195.000	316.977	0.023	317.000
200.000	316.976	0.024	317.000
205.000	316.914	0.086	317.000
210.000	316.867	0.133	317.000
215.000	316.574	0.426	317.000
220.000	316.534		
225.000	316.491		
230.000	316.430		
235.000	316.446		
240.000	316.498		
245.000	316.376		
250.000	316.645		
255.000	316.836		
260.000	316.912		
265.000	316.780		
270.000	316.832		
275.000	316.701		
280.000	316.579	0.500	317.079
285.000	316.578	0.466	317.045
290.000	316.486	0.523	317.010
295.000	316.393	0.582	316.975
300.000	316.192	0.747	316.940
305.000	316.223	0.681	316.905
310.000	316.052	0.818	316.870
315.000	315.791	1.044	316.835
320.000	315.653	1.146	316.800
325.000	315.943	0.821	316.764
330.000	315.979	0.751	316.729
335.000	315.845	0.850	316.695
340.000	315.556	1.104	316.660
345.000	315.444	1.182	316.626
350.000	315.468	1.124	316.592

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3



LEGEND

CREEK EXCAVATION EXTENTS

LEVEE BANK

TREE TO BE REMOVED

PLAN VIEW

SCALE 1:1000 @ A3

0 5 10 15 20m
5 SCALE 1:1000m

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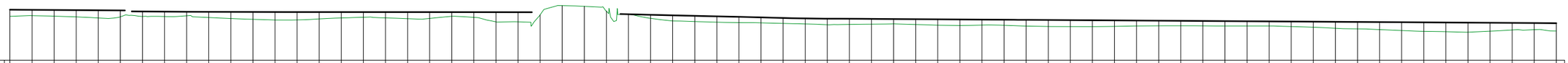
SHEET No. 06
DRAWING No. 14042
DATE JUNE 2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 2 - BANK LAY BACK AND LEVEES

NOT FOR CONSTRUCTION



DATUM: 311.0

CHAINAGE	TOP OF LEVEE	DIFFERENCE	EXISTING
350.000	316.690	0.753	315.937
355.000	316.673	0.660	316.013
360.000	316.657	0.698	315.959
365.000	316.641	0.758	315.883
370.000	316.625	0.865	315.760
375.000	316.609	0.709	315.900
380.000	316.488	0.555	315.933
385.000	316.463	0.534	315.929
390.000	316.448	0.443	316.005
395.000	316.445	0.640	315.806
400.000	316.442	0.760	315.683
405.000	316.439	0.834	315.606
410.000	316.436	0.914	315.523
415.000	316.433	0.881	315.552
420.000	316.430	0.778	315.652
425.000	316.427	0.668	315.759
430.000	316.424	0.587	315.837
435.000	316.421	0.652	315.768
440.000	316.417	0.737	315.681
445.000	316.414	0.708	315.707
450.000	316.411	0.464	315.947
455.000	316.408	0.579	315.829
460.000	316.405	1.081	315.324
465.000	316.402	1.079	315.322
470.000			316.111
475.000			317.149
480.000			317.066
485.000			316.534
490.000	316.178	0.010	316.169
495.000	316.119	0.414	315.705
500.000	316.059	0.636	315.424
505.000	315.999	0.643	315.356
510.000	315.940	0.659	315.281
515.000	315.880	0.636	315.245
520.000	315.821	0.613	315.208
525.000	315.761	0.612	315.150
530.000	315.702	0.618	315.084
535.000	315.685	0.689	314.996
540.000	315.669	0.641	315.028
545.000	315.654	0.596	315.058
550.000	315.638	0.546	315.092
555.000	315.623	0.606	315.017
560.000	315.607	0.660	314.947
565.000	315.592	0.676	314.916
570.000	315.576	0.620	314.956
575.000	315.561	0.626	314.934
580.000	315.545	0.692	314.853
585.000	315.529	0.728	314.801
590.000	315.514	0.723	314.791
595.000	315.498	0.699	314.799
600.000	315.483	0.678	314.805
605.000	315.467	0.609	314.858
610.000	315.452	0.571	314.880
615.000	315.436	0.551	314.885
620.000	315.421	0.549	314.872
625.000	315.405	0.543	314.862
630.000	315.389	0.529	314.860
635.000	315.374	0.515	314.859
640.000	315.358	0.569	314.789
645.000	315.343	0.623	314.720
650.000	315.327	0.730	314.598
655.000	315.312	0.781	314.531
660.000	315.296	0.843	314.453
665.000	315.281	0.933	314.348
670.000	315.265	1.013	314.252
675.000	315.250	1.035	314.214
680.000	315.234	1.076	314.158
685.000	315.219	0.942	314.276
690.000	315.203	0.797	314.405
695.000	315.187	0.747	314.440
700.000	315.172	0.881	314.291

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3

PLAN VIEW

SCALE 1:1000 @ A3

LEGEND

- CREEK EXCAVATION EXTENTS
- LEVEE BANK
- TREE TO BE REMOVED

0 5 10 15 20m
5 SCALE 1:1000m

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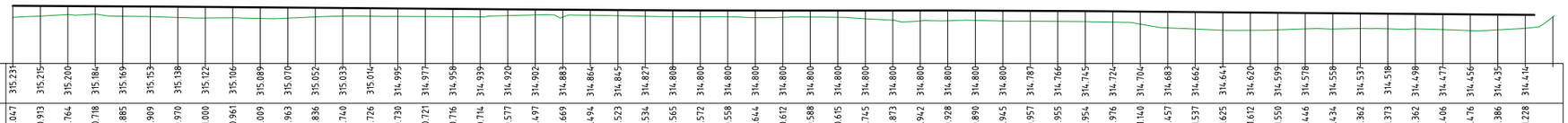
SHEET No.	07
DRAWING No.	14042
DATE	JUNE 2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 2 - BANK LAY BACK AND LEVEES

NOT FOR CONSTRUCTION



DATUM: 310

CHAINAGE	TOP OF LEVEE	DIFFERENCE	EXISTING
700.000	315.231	1.047	314.184
705.000	315.215	0.913	314.302
710.000	315.200	0.764	314.436
715.000	315.184	0.718	314.466
720.000	315.169	0.885	314.284
725.000	315.153	0.909	314.244
730.000	315.138	0.970	314.168
735.000	315.122	1.000	314.121
740.000	315.106	0.961	314.145
745.000	315.089	1.009	314.080
750.000	315.070	0.963	314.108
755.000	315.052	0.836	314.216
760.000	315.033	0.740	314.293
765.000	315.014	0.726	314.288
770.000	314.995	0.730	314.266
775.000	314.977	0.721	314.255
780.000	314.958	0.716	314.242
785.000	314.939	0.714	314.225
790.000	314.920	0.577	314.343
795.000	314.902	0.497	314.404
800.000	314.883	0.669	314.214
805.000	314.864	0.494	314.370
810.000	314.845	0.523	314.322
815.000	314.827	0.534	314.292
820.000	314.808	0.565	314.243
825.000	314.800	0.572	314.228
830.000	314.800	0.558	314.242
835.000	314.800	0.644	314.156
840.000	314.800	0.612	314.188
845.000	314.800	0.588	314.212
850.000	314.800	0.615	314.185
855.000	314.800	0.745	314.055
860.000	314.800	0.873	313.927
865.000	314.800	0.942	313.858
870.000	314.800	0.928	313.872
875.000	314.800	0.890	313.910
880.000	314.800	0.945	313.855
885.000	314.787	0.957	313.830
890.000	314.766	0.955	313.812
895.000	314.745	0.954	313.791
900.000	314.724	0.976	313.749
905.000	314.704	1.140	313.564
910.000	314.683	1.457	313.225
915.000	314.662	1.537	313.125
920.000	314.641	1.625	313.016
925.000	314.620	1.612	313.008
930.000	314.599	1.550	313.049
935.000	314.578	1.446	313.133
940.000	314.558	1.434	313.123
945.000	314.537	1.362	313.175
950.000	314.518	1.373	313.145
955.000	314.498	1.362	313.137
960.000	314.477	1.406	313.072
965.000	314.456	1.476	312.980
970.000	314.435	1.386	313.050
975.000	314.414	1.228	313.187
980.000	314.220		

LONGITUDINAL SECTION

HORIZONTAL SCALE 1:1000 @ A3
VERTICAL SCALE 1:500 @ A3

PLAN VIEW

SCALE 1:1000 @ A3

LEGEND

- CREEK EXCAVATION EXTENTS
- LEVEE BANK
- TREE TO BE REMOVED

0 5 10 15 20m
5 SCALE 1:1000m

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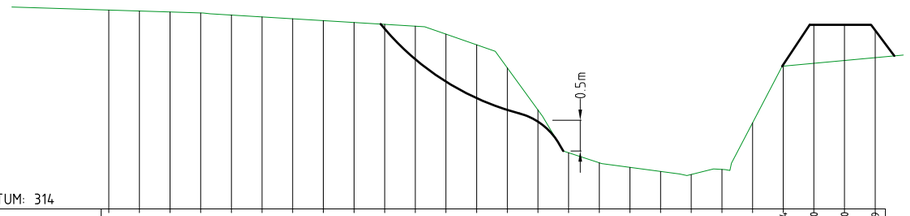
SHEET No.	08
DRAWING No.	14042
DATE	JUNE 2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 2 - BANK LAY BACK AND LEVEES

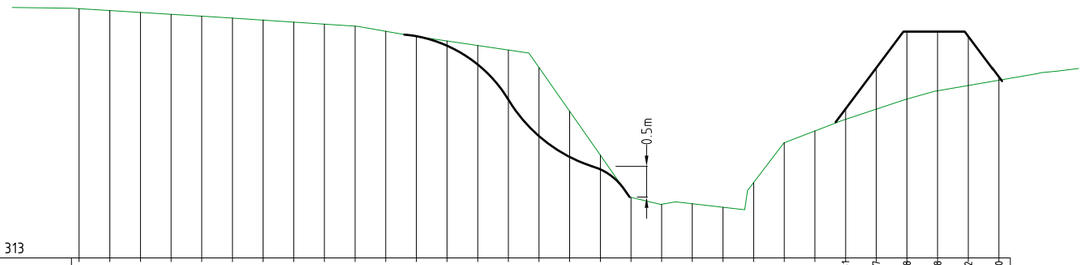
NOT FOR CONSTRUCTION



DATUM: 314

LEVEE TOP																						316.424	317.000	317.000	316.909
EXISTING	317.240	317.224	317.209	317.193	317.160	317.130	317.099	317.069	317.039	317.009	316.978	316.847	316.674	316.298	315.611	314.915	314.751	314.677	314.610	314.561	314.644	315.402	316.326	316.372	316.419	316.465
DIFFERENCE																							0.098	0.628	0.581	0.444
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000

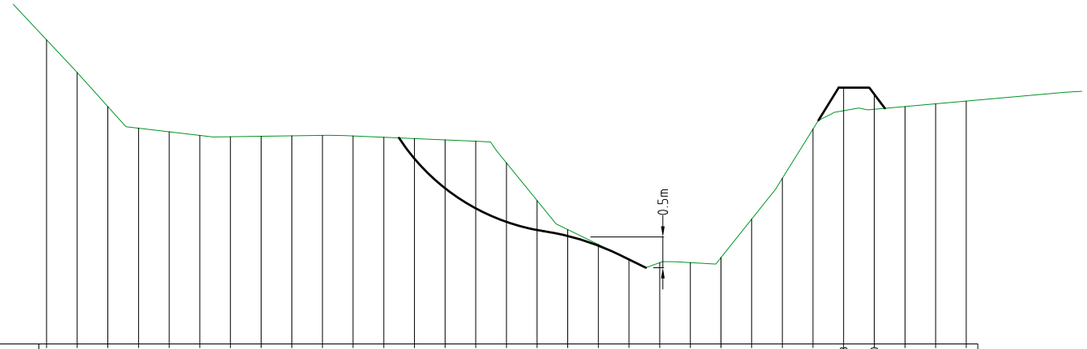
SECTION D 06
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



DATUM: 313

LEVEE TOP																							315.431	316.097	316.688	316.688	316.612	315.950
EXISTING	317.062	317.031	317.001	316.970	316.940	316.909	316.876	316.843	316.810	316.777	316.694	316.609	316.536	316.462	316.389	316.102	315.390	314.676	313.987	313.873	313.883	313.826	314.228	314.878	315.070	315.259	315.425	315.589	315.724	315.810	315.896
DIFFERENCE																										0.172	0.672	1.098	0.963	0.802	0.054
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000

SECTION E 06
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



DATUM: 312

LEVEE TOP																									316.178	316.070				
EXISTING	316.957	316.423	315.868	315.517	315.458	315.398	315.378	315.385	315.392	315.399	315.389	315.368	315.347	315.326	315.305	314.951	314.337	313.864	313.621	313.377	313.325	313.326	313.409	314.035	314.700	315.502	315.802	315.825	315.870	315.914	315.958
DIFFERENCE																											0.376	0.245			
CHAINAGE	0.000	1.000	2.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000

SECTION F 07
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100

0 0.5 1 1.5 2.0m
0.5 SCALE 1:100m

0 1 2 3 4 5m
1 SCALE 1:200m

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SHEET No. 09
DRAWING No. 14042
DATE JUNE 2016

CLIENT
DISTRICT COUNCIL FOR MOUNT BARKER
PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
WESTERN FLAT CREEK
OPTION 2 - BANK LAY BACK AND LEVEES

FOR CONTINUATION REFER SHEET 02

NEARMAP AERIAL PHOTOGRAPH (MARCH 2014)

PLAN VIEW

SCALE 1:1000 @ A3

0 5 10 15 20m
5 SCALE 1:1000m

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SHEET No.	01
DRAWING No.	14042
DATE	JUNE 2016

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
RAILWAY CREEK/MT BARKER CREEK JUNCTION
CHANNEL CAPACITY IMPROVEMENT CONCEPT

NOT FOR CONSTRUCTION

FOR CONTINUATION REFER SHEET 01

PLAN VIEW

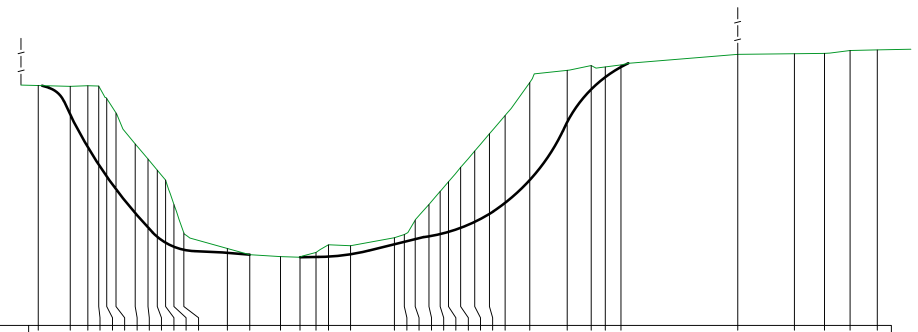
SCALE 1:1000 @ A3

LEGEND

LEVEE BANK

TREE TO BE REMOVED

CREEK EXCAVATION EXTENTS



DATUM: 310

LEVEE TOP													
EXISTING	313.171	313.162	313.167	313.164	313	312.809	312.4	312.2	312.051	311.919	311.6	311.223	311.015
DIFFERENCE													
CHAINAGE	0.000	0.850	1.313	1.602	1.811	2.055	2.569	2.901	3.147	3.367	3.588	3.849	5.000

LEVEE TOP													
EXISTING	310.932	310.909	310.902	310.964	311.068	311.053	311.158	311.2	311.393	311.6	311.77	311.899	312.088
DIFFERENCE													
CHAINAGE	5.594	6.409	6.923	7.348	7.680	8.259	9.425	9.682	9.970	10.334	10.633	10.854	11.177

LEVEE TOP													
EXISTING	312.306	312.532	312.776	313.211	313.37	313.435	313.417	313.445	313.583	313.591	313.595	313.632	313.642
DIFFERENCE													
CHAINAGE	11.548	11.935	12.352	12.999	13.993	14.628	15.000	15.414	18.503	20.000	20.799	21.476	22.193

SECTION E

HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100

0 5 10 15 20m
5 SCALE 1:1000m

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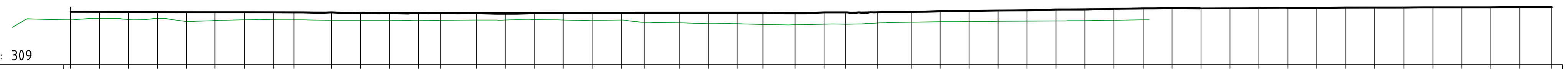
SHEET No.	DRAWING No.	DATE
02	14042	JUNE 2016

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER

PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
RAILWAY CREEK/MT BARKER CREEK JUNCTION
CHANNEL CAPACITY IMPROVEMENT CONCEPT

NOT FOR CONSTRUCTION



DATUM: 309

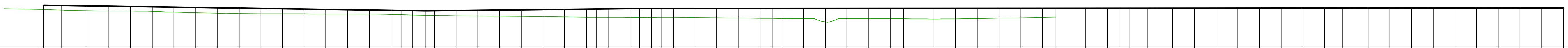
CHAINAGE	MC00	EXISTING	DIFFERENCE
0.000	313.592	312.892	-0.7
5.000	313.585	313.023	-0.561
10.000	313.577	312.927	-0.65
15.000	313.57	313.019	-0.551
20.000	313.563	312.745	-0.818
24.905	313.555	312.826	-0.729
30.000	313.548	312.893	-0.655
35.000	313.541	312.915	-0.626
38.557	313.535	312.904	-0.631
45.000	313.526	312.864	-0.662
50.000	313.519	312.85	-0.669
55.000	313.511	312.845	-0.666
60.000	313.504	312.845	-0.659
63.874	313.498	312.859	-0.639
70.000	313.489	312.883	-0.606
75.000	313.482	312.879	-0.603
80.000	313.486	312.925	-0.561
85.000	313.49	312.885	-0.606
90.000	313.494	312.846	-0.648
95.000	313.498	312.867	-0.632
98.945	313.502	312.682	-0.819
105.000	313.506	312.634	-0.873
110.000	313.511	312.598	-0.912
115.000	313.515	312.554	-0.961
119.464	313.518	312.503	-1.015
125.000	313.523	312.473	-1.05
130.000	313.527	312.526	-1.001
133.696	313.53	312.526	-1.004
139.251	313.561	312.615	-0.946
145.000	313.602	312.686	-0.916
150.000	313.638	312.719	-0.918
155.000	313.673	312.75	-0.923
160.000	313.709	312.763	-0.946
165.000	313.744	312.775	-0.97
170.000	313.78	312.787	-0.993
175.000	313.815	312.827	-0.988
180.000	313.851	312.863	-0.988
185.000	313.886	312.895	-0.992
190.000	313.905		
195.000	313.912		
200.000	313.919		
205.000	313.926		
210.000	313.934		
215.000			
220.000	313.948		
225.000			
230.000	313.963		
235.000			
240.000	313.977		
245.000			
250.000	313.992		
255.513			

LONGITUDINAL SECTION

REFERENCE STRING MC00

HORIZONTAL SCALE 1:1000 @ A3

VERTICAL SCALE 1:500 @ A3



DATUM: 309

CHAINAGE	LEVEE TOP - MC10	EXISTING	DIFFERENCE
0.000	313.784	313.284	-0.5
4.208	313.747	313.208	-0.545
10.000	313.710	313.154	-0.556
15.000	313.673	313.111	-0.561
20.000	313.636	313.098	-0.537
25.000	313.598	313.061	-0.538
30.000	313.573	312.998	-0.563
35.000	313.524	312.918	-0.607
40.000	313.487	312.86	-0.627
45.000	313.450 / 313.435	312.829	-0.621
50.000	313.413	312.805	-0.608
55.000	313.376	312.796	-0.58
60.000	313.339	312.795	-0.543
65.000	313.302	312.792	-0.51
70.000	313.265	312.783	-0.482
75.000	313.227	312.765	-0.463
80.000	313.190	312.72	-0.471
82.451		312.691	-0.481
85.000	313.153	312.661	-0.492
88.000	313.131	312.63	-0.501
90.000	313.141	312.612	-0.53
95.000	313.168	312.576	-0.592
100.000	313.194	312.554	-0.64
105.000	313.220	312.533	-0.687
110.000	313.245	312.509	-0.737
115.000	313.272	312.479	-0.793
120.000	313.299	312.446	-0.853
125.000	313.325	312.413	-0.912
127.245		312.405	-0.931
130.000	313.351	312.401	-0.95
135.000	313.377	312.393	-0.985
137.243	313.393	312.392	-0.997
140.000	313.394	312.375	-1.019
142.246		312.4	-0.994
145.000	313.395	312.4	-0.995
150.000	313.396	312.373	-1.023
155.000	313.397 / 313.398	312.342	-1.056
160.000	313.399	312.311	-1.087
165.000	313.400	312.281	-1.119
167.787		312.268	-1.133
170.000	313.401	312.258	-1.144
175.000	313.403 / 313.403	312.238	-1.165
180.000	313.404	311.873	-1.531
185.000	313.405	312.227	-1.178
190.000	313.407	312.228	-1.179
195.000	313.408	312.228	-1.18
198.038	313.409 / 313.409	312.231	-1.178
205.000	313.411	312.198	-1.212
210.000	313.412	312.223	-1.189
215.000	313.413	312.256	-1.157
220.000	313.415	312.29	-1.124
225.000	313.416	312.34	-1.076
230.000	313.417	312.389	-1.028
233.098	313.418	312.418	-1
240.000	313.421		
245.000	313.423		
247.869			
250.000	313.425		
254.194	313.427		
260.000	313.430		
265.000	313.432		
270.000	313.434		
275.000	313.435		
280.000	313.438		
285.000	313.440		
290.000	313.442		
295.000	313.445		
299.145	313.447		
305.000	313.449		
310.000	313.451		
315.000	313.453		
320.000	313.455		
325.000	313.457		
330.000	313.460		
335.000	313.462		
340.000	313.464		
345.000	313.466		
350.000	313.468		

LONGITUDINAL SECTION

REFERENCE STRING MC10

HORIZONTAL SCALE 1:1000 @ A3

VERTICAL SCALE 1:500 @ A3

0 5 10 15 20m

5 SCALE 1:1000m

170 GREENHILL ROAD, PARKSIDE SA 5063
P: (08) 8172 1088
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W: www.southfront.com.au

SHEET No.	
03	
DRAWING No.	14042
DATE	JUNE 2016

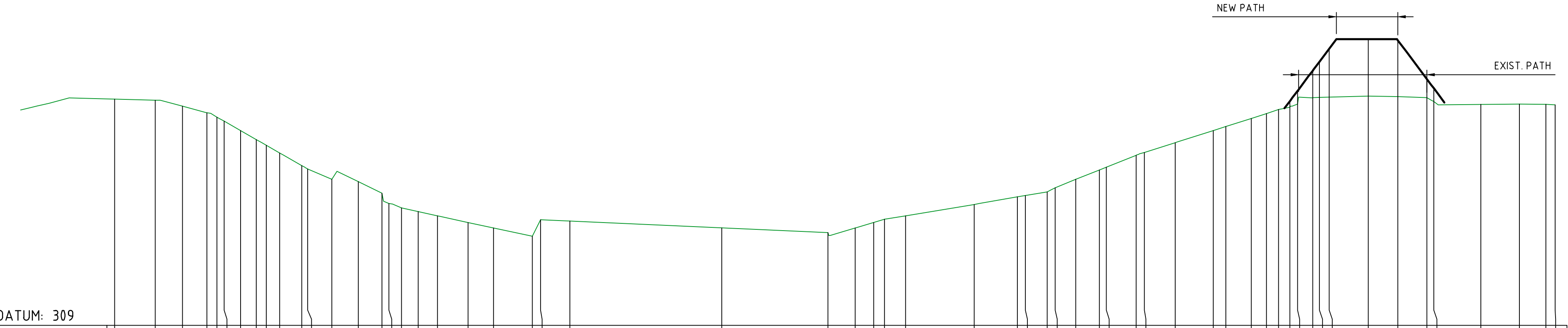
CLIENT

DISTRICT COUNCIL OF MOUNT BARKER

PROJECT

MT BARKER STORMWATER MANAGEMENT PLAN
RAILWAY CREEK/MT BARKER CREEK JUNCTION
CHANNEL CAPACITY IMPROVEMENT CONCEPT

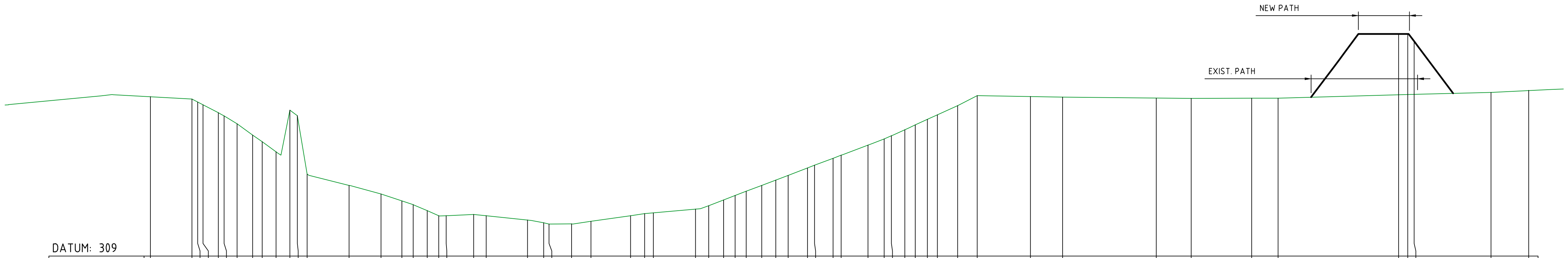
NOT FOR CONSTRUCTION



DATUM: 309

CHAINAGE	LEVEE TOP	EXISTING	DIFFERENCE
0.000		312.717	
1.338		312.7	
2.240		312.6	
3.039		312.492	
3.376		312.421	
3.607		312.355	
4.150		312.2	
4.672		312.051	
5.000		311.958	
5.440		311.832	
6.163		311.626	
6.364		311.569	
7.157		311.4	
8.030		311.36	
8.805		311.17	
9.039		311	
9.449		310.928	
10.000		310.869	
10.636		310.8	
11.644		310.691	
12.479		310.602	
13.760		310.466	
14.032		310.737	
15.000		310.715	
20.000		310.601	
23.493		310.522	
24.389		310.6	
25.000		310.689	
25.359		310.742	
26.056		310.8	
28.316		310.987	
29.738		311.112	
30.000		311.134	
30.718		311.193	
30.978		311.26	
31.660		311.4	
32.434		311.554	
32.667		311.6	
33.643		311.794	
33.914		311.838	
34.930		312	
36.184		312.2	
36.597		312.266	
37.438		312.4	
37.937		312.479	
38.340		312.546	
38.707	312.681	312.583	0.098
38.961	312.85	312.636	0.215
39.458	313.182	312.739	0.443
39.682	313.331	312.745	0.586
40.000	313.543	312.75	0.793
41.295	313.701	312.769	0.933
42.268	313.682	312.76	0.922
43.224	313.045	312.739	0.305
43.447	312.896	312.68	0.216
45.000		312.631	
46.265		312.637	
47.137		312.631	
47.445		312.622	

SECTION A/1
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



DATUM: 309

CHAINAGE	LEVEE TOP	EXISTING	DIFFERENCE
0.000		312.16	
1.653		312.114	
1.883		312.055	
2.097		312	
2.702		311.844	
2.931		311.778	
3.450		311.622	
4.072		311.4	
4.447		311.266	
5.000		311.068	
5.551		311.895	
5.847		311.782	
6.239		310.625	
7.906		310.4	
9.172		310.23	
10.000		310.093	
10.449		310.019	
11.011		309.9	
11.465		309.8	
11.764		309.799	
12.852		309.826	
13.353		309.8	
15.000		309.715	
15.640		309.659	
15.850		309.636	
16.751		309.637	
17.526		309.688	
19.095		309.8	
19.653		309.84	
20.000		309.855	
21.683		309.929	
22.204		310	
22.794		310.112	
23.256		310.2	
23.698		310.284	
24.309		310.4	
24.870		310.507	
25.362		310.6	
26.134		310.747	
26.415		310.8	
27.149		310.94	
27.472		311	
28.540		311.2	
29.185		311.321	
29.472		311.386	
30.000		311.506	
30.415		311.6	
30.900		311.71	
31.296		311.8	
32.103		311.983	
32.884		312.184	
35.000		312.164	
36.274		312.152	
40.000		312.133	
41.389		312.126	
43.794		312.13	
44.848		312.131	
49.636	313.403	312.2	1.203
50.000	313.403	312.205	1.198
50.253	313.261	312.209	1.052
53.316		312.245	
54.809		312.281	

SECTION B/1
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100

0.5 0 0.5 1 1.5 2.0m SCALE 1:100m

1 0 1 2 3 4 5m SCALE 1:200m

southfront
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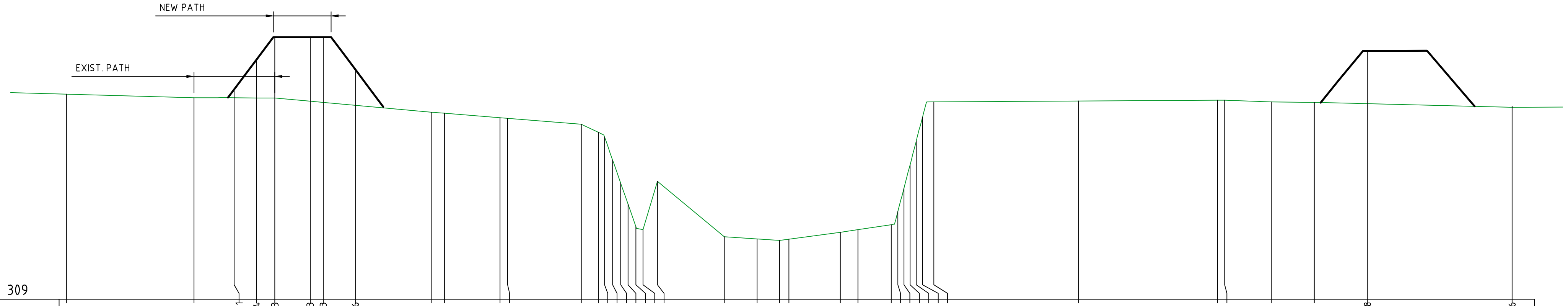
SHEET No.	04
DRAWING No.	14042
DATE	JUNE 2016

CLIENT
DISTRICT COUNCIL OF MOUNT BARKER

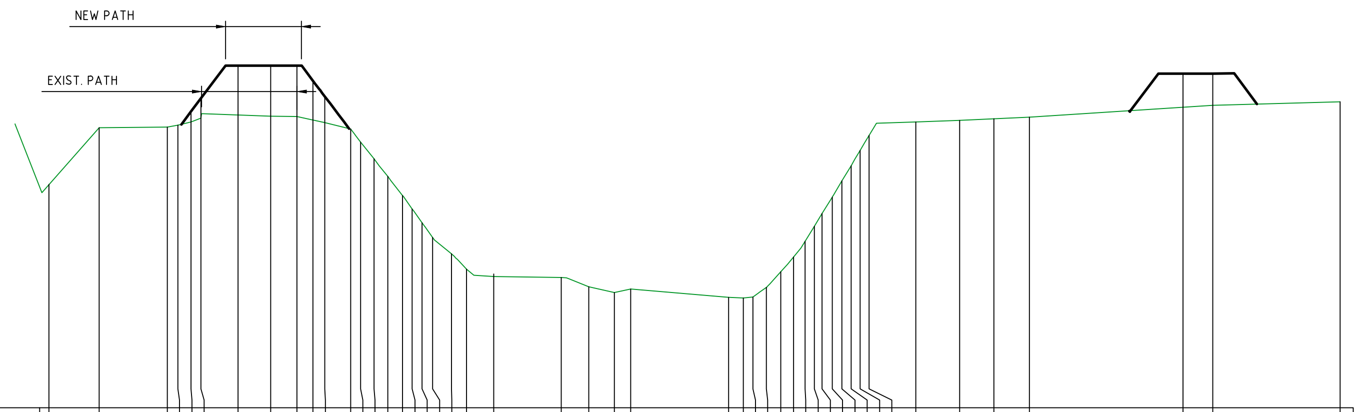
PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
RAILWAY CREEK/MT BARKER CREEK JUNCTION
CHANNEL CAPACITY IMPROVEMENT CONCEPT

NOT FOR CONSTRUCTION



CHAINAGE	LEVEE TOP	EXISTING	DIFFERENCE
0.000		312.542	
4.414		312.479	
5.803	312.621	312.477	0.144
6.571	313.134	312.473	0.660
7.212	313.523	312.476	1.047
8.433	313.523	312.42	1.103
8.883	313.523	312.4	1.123
10.000	312.96	312.349	0.610
12.622		312.231	
13.075		312.212	
15.000		312.134	
15.260		312.124	
17.809		312.021	
18.397		311.882	
18.614		311.8	
18.893		311.4	
19.172		311	
19.424		310.64	
19.693		310.254	
19.937		310.2	
20.444		311.035	
22.749		310.078	
23.885		310.042	
24.662		310.017	
24.986		310.035	
26.763		310.153	
27.376		310.2	
28.523		310.287	
28.753		310.514	
28.964		310.916	
29.175		311.319	
29.386		311.724	
29.606		312.145	
30.000		312.405	
35.000		312.421	
39.809		312.437	
40.061		312.436	
41.681		312.405	
43.155		312.4	
45.000	313.288	[illegible]	
50.000	312.336	[illegible]	

SECTION C/1
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100



CHAINAGE	LEVEE TOP	DIFFERENCE	EXISTING
0.000			311.951
1.325			312.704
3.130			312.71
3.407			312.734
3.754	312.914	0.137	312.777
4.015	313.088	0.258	312.83
5.000	313.524	0.654	312.87
5.862	313.524	0.671	312.853
6.559	313.524	0.673	312.851
6.983	313.325	0.520	312.804
7.298	313.104	0.346	312.769
7.978	313.283	0.599	312.684
8.247	313.104	0.592	312.512
8.595	312.874	0.584	312.29
8.960	312.632	0.575	312.057
9.357	312.368	0.565	311.803
9.610	312.2	0.573	311.627
9.870	312.027	0.581	311.446
10.152	311.84	0.591	311.249
10.652	311.509	0.475	311.033
11.047	311.247	0.415	310.831
11.767	310.769	0.034	310.735
13.554			310.721
14.276			310.6
14.954			310.523
15.386			310.57
17.982			310.46
18.367			310.452
18.624			310.465
18.983			310.591
19.363			310.8
19.698			310.994
20.000			311.2
20.248			311.4
20.456			311.568
20.724			311.784
20.981			312
21.220			312.2
21.460			312.4
21.698			312.6
22.932			312.78
24.097			312.8
25.000			312.82
25.939			312.842
30.000	313.419	0.444	312.974
30.788	313.419	0.419	313
34.163			313.044

SECTION D/1
HORIZONTAL SCALE 1:200
VERTICAL SCALE 1:100

0 0.5 1 1.5 2.0m
0.5 SCALE 1:100m

0 1 2 3 4 5m
1 SCALE 1:200m

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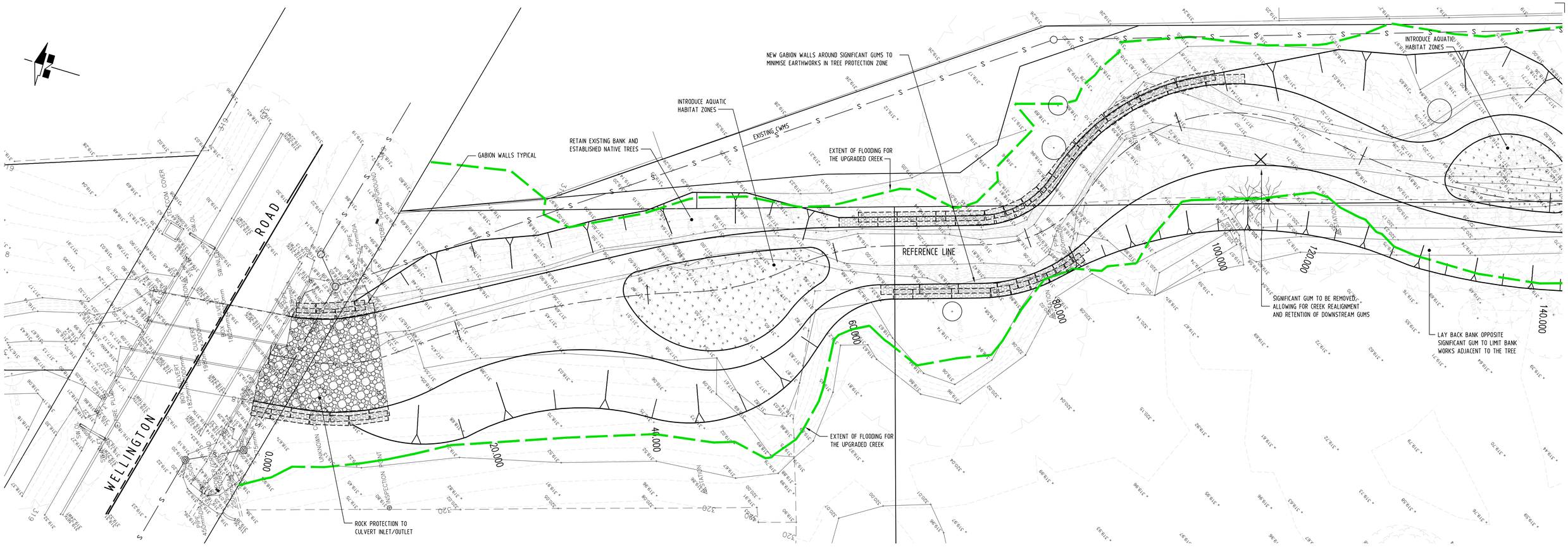
SHEET No.	DRAWING No.	DATE
05	14042	JUNE 2016

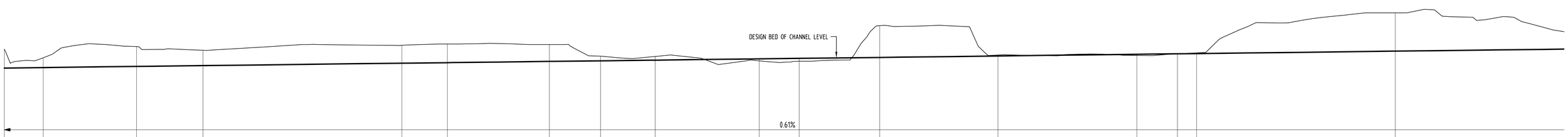
CLIENT
DISTRICT COUNCIL OF MOUNT BARKER
PROJECT
MT BARKER STORMWATER MANAGEMENT PLAN
RAILWAY CREEK/MT BARKER CREEK JUNCTION
CHANNEL CAPACITY IMPROVEMENT CONCEPT



PLAN

4 2 0 4 8

SCALE 1:200



R.L. 312.400

DEPTH OF CUT	-0.943	-0.489	-0.996	-0.771	-0.899	-0.934	-0.849	-0.232	-0.187	+0.096	+0.143	-1.592	-0.049	+0.058	-0.005	-0.033	-1.923		
DESIGN LEVELS	316.500	316.524	316.580	316.621	316.742	316.770	316.832	316.863	316.896	316.960	316.984	317.033	317.105	317.190	317.214	317.226	317.347		
EXISTING LEVELS	317.443	317.012	317.577	317.392	317.641	317.704	317.681	317.095	317.083	316.863	316.841	318.625	317.154	317.132	317.219	317.259	319.270		
CHAINAGE	0.000	3.907	13.301	20.000	40.000	44.573	54.864	60.000	65.511	75.978	80.000	88.095	100.000	113.990	118.076	120.000	140.000		

SCALE 1:200 HORZ; 1:100 VERT.

LONGITUDINAL SECTION ALONG REFERENCE LINE

NOTES:

1. THIS PLAN IS A CONCEPTUAL DESIGN ONLY. IT IS INTENDED TO PROVIDE SUPPORT TO THE HYDRAULIC MODELING UNDERTAKEN.
2. THIS PLAN IS SUBJECT TO DETAILED DESIGN AND OTHER SITE INVESTIGATIONS.
3. THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE FLOOD MAPPING AND HYDRAULIC MODELING REPORTS.
4. EXTENT OF EARTHWORKS SHOWN ARE SUBJECT TO TREE ASSESSMENTS BY AN ARBORIST, AND DEVELOPMENT APPLICATIONS IF THEY HAVE BEEN INDICATED FOR REMOVAL

When sheet printed full size, the scale bar is 100mm.

0 50 100mm

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INFORMATION ISSUE
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REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD
A	30.03.11	INFORMATION ISSUE	CJH	GL	GL

W&G
WALLBRIDGE & GILBERT
Consulting Engineers
60 Wyatt Street Adelaide South Australia 5000
Telephone (08) 8223 7433 Facsimile (08) 8232 0967
Email adelaide@wgeng.com
W&G Engineers Pty Ltd ACN 052 528 926
trading as Wallbridge & Gilbert

RAILWAY CREEK UPGRADE - CONCEPT DESIGN

FAEHRMANN AVENUE TO WELLINGTON ROAD, MOUNT BARKER
FOR THE DISTRICT COUNCIL OF MOUNT BARKER

PLAN AND LONGITUDINAL SECTION ©

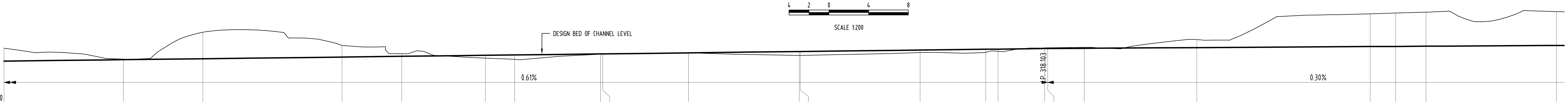
A1

DRAWING NUMBER

Design	Drawn	Job Number	Sheet No.	Rev.
GL	CJH	C091030	C21	A

PLAN

SCALE 1:200



R.L. 315.400

DEPTH OF CUT	-0.655	-0.030	-1.332	-0.585	-0.130	+0.140	+0.221	+0.015	+0.010	-0.000	+0.198	+0.200	+0.130	+0.146	+0.110	-0.035		-0.045	-0.404	-1.648	-1.676	-1.713	-1.700
DESIGN LEVELS	317.468	317.541	317.589	317.674	317.710	317.761	317.779	317.831	317.832	317.885	317.952	317.953	318.026	318.066	318.073	318.101	318.103	318.114	318.148	318.201	318.208	318.217	318.257
EXISTING LEVELS	318.123	317.571	318.921	318.258	317.840	317.621	317.558	317.816	317.822	317.885	317.754	317.753	317.896	317.920	317.963	318.136		318.159	318.552	319.848	319.884	319.931	319.957
CHAINAGE	160.000	172.010	180.000	194.001	200.000	208.428	211.375	220.000	220.228	228.856	240.000	240.098	252.155	258.770	260.000	264.699	265.000	268.679	280.000	297.441	300.000	303.053	316.185

SCALE 1:200 HORZ; 1:100 VERT.

LONGITUDINAL SECTION ALONG REFERENCE LINE

NOTES:

1. THIS PLAN IS A CONCEPTUAL DESIGN ONLY. IT IS INTENDED TO PROVIDE SUPPORT TO THE HYDRAULIC MODELING UNDERTAKEN.
2. THIS PLAN IS SUBJECT TO DETAILED DESIGN AND OTHER SITE INVESTIGATIONS.
3. THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE FLOOD MAPPING AND HYDRAULIC MODELING REPORTS.
4. EXTENT OF EARTHWORKS SHOWN ARE SUBJECT TO TREE ASSESSMENTS BY AN ARBORIST, AND DEVELOPMENT APPLICATIONS IF THEY HAVE BEEN INDICATED FOR REMOVAL

When sheet printed full size, the scale bar is 100mm.
0 50 100mm

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INFORMATION ISSUE
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REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD
A	30.03.11	INFORMATION ISSUE	CJH	GL	GL

W&G
WALLBRIDGE & GILBERT
Consulting Engineers
60 Wyatt Street Adelaide South Australia 5000
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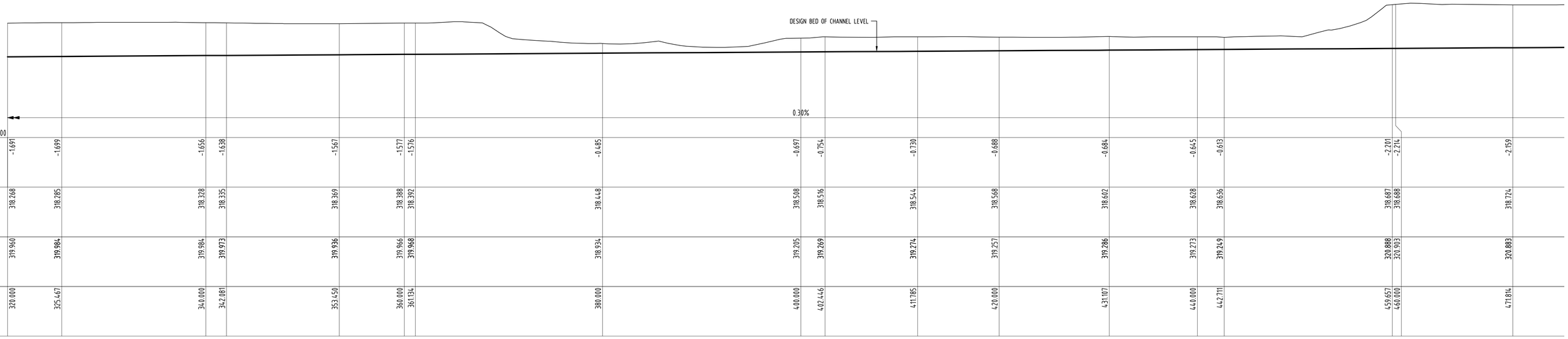
W&G Engineers Pty Ltd ACN 052 528 926 trading as Wallbridge & Gilbert

RAILWAY CREEK UPGRADE - CONCEPT DESIGN
FAEHRMANN AVENUE TO WELLINGTON ROAD, MOUNT BARKER
FOR THE DISTRICT COUNCIL OF MOUNT BARKER
PLAN AND LONGITUDINAL SECTION ©

A1

DRAWING NUMBER

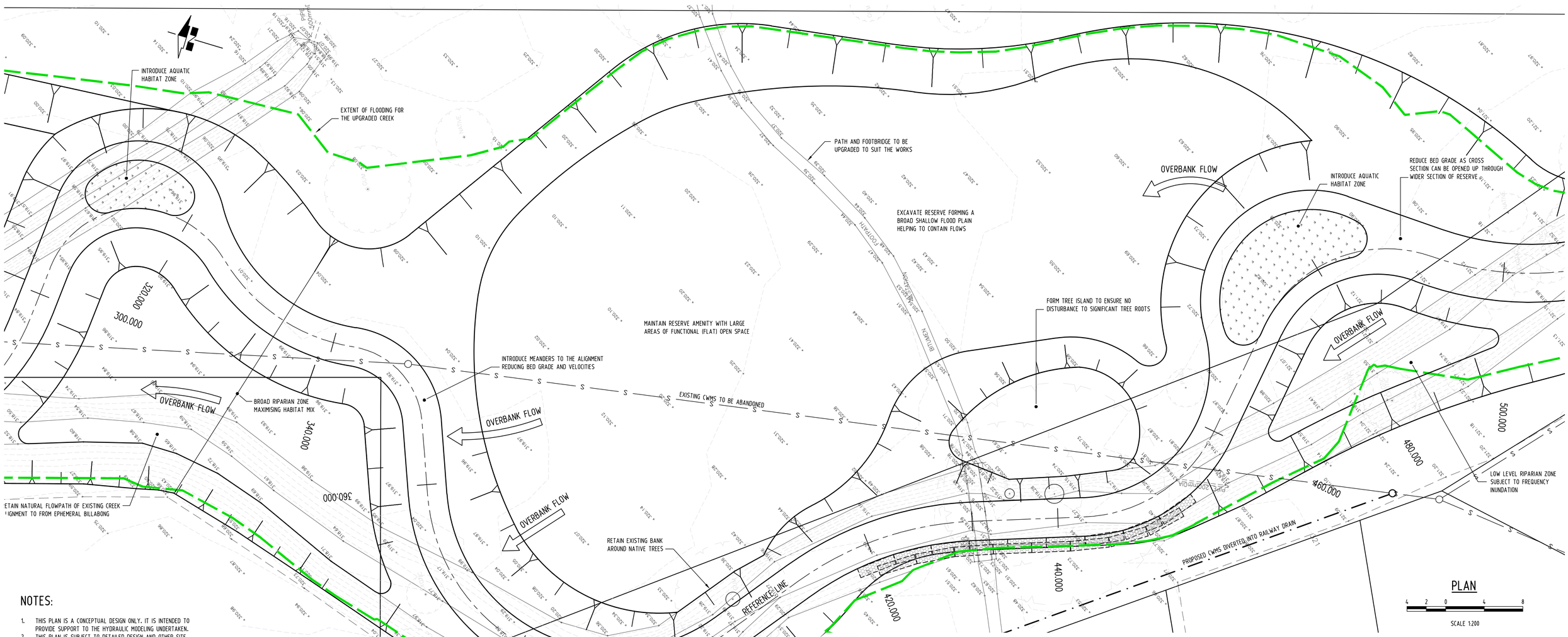
Design	Drawn	Job Number	Sheet No.	Rev.
GL	CJH	C091030	C22	A



DEPTH OF CUT	-1.691	-1.699	-1.656	-1.638	-1.567	-1.577	-1.576	-0.485	-0.697	-0.754	-0.730	-0.688	-0.684	-0.645	-0.613	-2.201	-2.214	-2.159
DESIGN LEVELS	318.268	318.285	318.328	318.335	318.369	318.388	318.392	318.448	318.508	318.516	318.544	318.568	318.612	318.628	318.636	318.687	318.688	318.724
EXISTING LEVELS	319.960	319.984	319.984	319.973	319.936	319.966	319.968	318.934	319.205	319.269	319.274	319.257	319.286	319.273	319.249	320.888	320.903	320.883
CHAINAGE	320.000	325.467	340.000	342.081	353.450	360.000	361.134	380.000	400.000	402.446	411.785	420.000	431.107	440.000	442.711	459.657	460.000	471.814

SCALE 1:200 HORZ; 1:100 VERT.

LONGITUDINAL SECTION ALONG REFERENCE LINE



NOTES:

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When sheet printed full size, the scale bar is 100mm.

0 50 100mm

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INFORMATION ISSUE
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REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD
A	30.03.11	INFORMATION ISSUE	CJH	GL	GL

W&G
WALLBRIDGE & GILBERT
Consulting Engineers
60 Wyatt Street Adelaide South Australia 5000
Telephone (08) 8223 7433 Facsimile (08) 8232 0967
Email adelaide@wgeng.com
W&G Engineers Pty Ltd ACN 052 528 926
trading as Wallbridge & Gilbert

RAILWAY CREEK UPGRADE - CONCEPT DESIGN

FAEHRMANN AVENUE TO WELLINGTON ROAD, MOUNT BARKER
FOR THE DISTRICT COUNCIL OF MOUNT BARKER

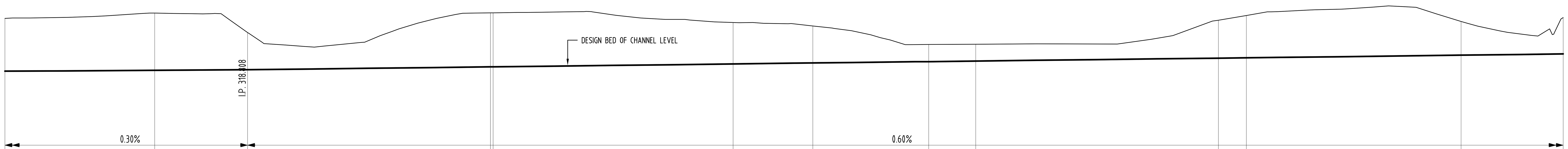
PLAN AND LONGITUDINAL SECTION ©

A1

DRAWING NUMBER

Design	Drawn	Job Number	Sheet No.	Rev.
GL	CJH	C091030	C23	A

PLAN



DEPTH OF CUT	-2.182	-2.358	-1.535	-2.227	-2.228	-1.708	-1.528	-0.704	-0.693	-1.567	-1.743	-1.395	-1.502
DESIGN LEVELS	318.748	318.785	318.808	318.928	318.930	319.048	319.088	319.145	319.168	319.288	319.302	319.408	319.459
EXISTING LEVELS	320.930	321.144	320.343	321.156	321.157	320.756	320.616	319.849	319.862	320.855	321.045	320.804	320.961
CHAINAGE	480.000	492.333	500.000	520.000	520.224	540.000	546.570	556.120	560.000	580.000	582.304	600.000	608.422

SCALE 1:200 HORZ; 1:100 VERT.

LONGITUDINAL SECTION ALONG REFERENCE LINE

NOTES:

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0 50 100mm

INFORMATION ISSUE
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REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD
A	30.03.11	INFORMATION ISSUE	CJH	GL	GL

W&G
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60 Wyatt Street Adelaide South Australia 5000
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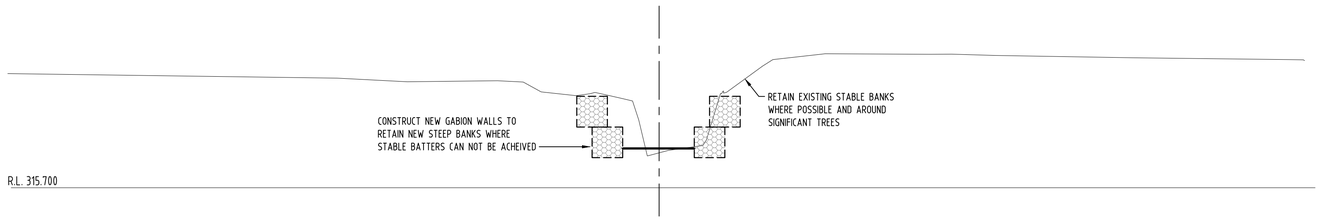
Email adelaide@wgeng.com
W&G Engineers Pty Ltd ACN 052 528 926 trading as Wallbridge & Gilbert

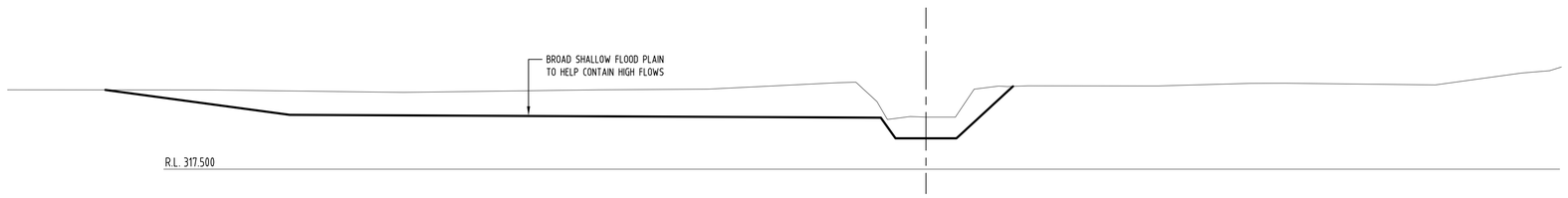
RAILWAY CREEK UPGRADE - CONCEPT DESIGN
FAEHRMANN AVENUE TO WELLINGTON ROAD, MOUNT BARKER
FOR THE DISTRICT COUNCIL OF MOUNT BARKER
PLAN AND LONGITUDINAL SECTION ©

A1

DRAWING NUMBER
Job Number Sheet No. Rev.
Design GL Drawn CJH
C091030 C24 A



TYPICAL SECTION 1 - CONFINED REACH UPSTREAM OF WELLINGTON ROAD



TYPICAL SECTION 2 - OPEN FLOOD PLAIN THROUGH BROAD AREA OF RESERVE

TYPICAL SECTION 3 - CAPACITY OPTIMISATION DOWNSTREAM OF FAEHRMANN AVENUE

I:\2009\10CIC2009\C091030\C091030-C25.dwg , A, 29/3/2011 10:31 AM, dhamilton

When sheet printed full size, the scale bar is 100mm.

0 50 100mm

INFORMATION ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD
A	30.03.11	INFORMATION ISSUE	CJH	GL	GL

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RAILWAY CREEK UPGRADE - CONCEPT DESIGN
FAEHRMANN AVENUE TO WELLINGTON ROAD, MOUNT BARKER
FOR THE DISTRICT COUNCIL OF MOUNT BARKER
TYPICAL CROSS SECTIONS

©

A1

DRAWING NUMBER

Design	Drawn	Job Number	Sheet No.	Rev.
GL	CJH	C091030	C25	A